3098-7

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

US EPA RECORDS CENTER REGION 5
454182

Via Electronic and Certified Mail

February 10, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – January 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for January 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:car

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
G. Montfort
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 192 – January 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries); and,
  - The first quarter 2011 combustible gas indicator checks were successfully performed on January 18, 2011.
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of January 2011 are presented as Attachment A of this report.

F. Planned Activities for the Next Reporting Period (February 2011)

- Develop Monthly Progress Report #192 summarizing activities in January 2011 for submission to the U.S. EPA; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (February 2011)

- February 10 - Anticipated submittal of the January 2011 MPR to U.S. EPA.

PAPER

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	01/10	U.S. EPA, et al.	Monthly Progress Report for the Month of December 2010.

dmi = de maximis, inc.
U.S. EPA = United States Environmental Protection Agency
SCS = SCS Engineers
VRAC = Valleycrest Removal Action Coalition

PAPER

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/6/2011

Subject: LFG Monitoring Summary - Week of 12/27/10 - 01/02/11

Summary: All CPs remained in compliance this week.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 mins ON and 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed December 29, 2010 with temps of 22°F to 39°F and scattered clouds.
Vacuum readings were last taken on November 29, 2010.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
12/27/2010	--	--	--	--	--	--	--	--	0.0
12/28/2010	--	--	--	--	12:00	6:00	--	--	6.0
12/29/2010	0:00	6:00	8:30	--	--	2:30	8:30	12:00	15.5
12/30/2010	0:00	2:30	8:30	--	--	2:30	8:30	12:00	12.0
12/31/2010	0:00#	--	--	--	--	--	--	--	0.0
1/1/2011	--	--	7:00	--	--	1:00	7:00#	--	6.0
1/2/2011	--	--	--	--	--	--	7:00#	--	0.0
								Total Hrs. =	39.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 60 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
12/27/2010	--	--	--	--	--
12/28/2010	--	--	--	--	--
12/29/2010	GV, S&EW, CPs & TGP/GP	8:30A - 3:30P	0.0	30.15 - 30.05	F
12/30/2010	--	--	--	--	--
12/31/2010	--	--	--	--	--
1/1/2011	--	--	--	--	--
1/2/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	27-Dec		28-Dec		29-Dec		30-Dec		31-Dec		1-Jan		2-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	0.0	17.0	--	--	--	--	--	--	--	--
CP1-2	--	--	--	--	0.0	15.6	--	--	--	--	--	--	--	--
CP1-3	--	--	--	--	0.0	12.2	--	--	--	--	--	--	--	--
CP1-4	--	--	--	--	0.0	13.9	--	--	--	--	--	--	--	--
CP1-5	--	--	--	--	0.0	14.1	--	--	--	--	--	--	--	--
CP1-7	--	--	--	--	0.0	16.3	--	--	--	--	--	--	--	--
CP1-9	--	--	--	--	0.0	15.9	--	--	--	--	--	--	--	--
CP1-11	--	--	--	--	0.0	17.6	--	--	--	--	--	--	--	--
CP1-13	--	--	--	--	0.0	19.9	--	--	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	0.0	19.2	--	--	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	0.0	20.6	--	--	--	--	--	--	--	--
CP1b-2R	--	--	--	--	0.0	20.1	--	--	--	--	--	--	--	--
CP1b-4R	--	--	--	--	0.0	18.7	--	--	--	--	--	--	--	--
CP1b-6R	--	--	--	--	0.0	19.3	--	--	--	--	--	--	--	--
TGP1b-E	--	--	--	--	0.0	17.8	--	--	--	--	--	--	--	--
TGP1b-A	--	--	--	--	0.0	19.1	--	--	--	--	--	--	--	--
TGP1b-F	--	--	--	--	0.0	19.9	--	--	--	--	--	--	--	--
TGP1b-B	--	--	--	--	0.0	14.8	--	--	--	--	--	--	--	--
TGP1b-G	--	--	--	--	0.0	16.9	--	--	--	--	--	--	--	--
TGP1b-C	--	--	--	--	0.0	20.8	--	--	--	--	--	--	--	--
TGP1b-H	--	--	--	--	0.0	20.7	--	--	--	--	--	--	--	--
TGP1b-D	--	--	--	--	0.0	19.6	--	--	--	--	--	--	--	--
GP-03	--	--	--	--	0.0	20.2	--	--	--	--	--	--	--	--
TGP-82	--	--	--	--	0.0	20.0	--	--	--	--	--	--	--	--
GP-04	--	--	--	--	0.0	20.3	--	--	--	--	--	--	--	--
TGP-83	--	--	--	--	0.0	20.0	--	--	--	--	--	--	--	--
CP2-1	--	--	--	--	0.0	20.9	--	--	--	--	--	--	--	--
CP2-2	--	--	--	--	0.0	20.7	--	--	--	--	--	--	--	--
CP2-4R	--	--	--	--	0.0	20.4	--	--	--	--	--	--	--	--
CP2-5R	--	--	--	--	0.0	18.8	--	--	--	--	--	--	--	--
CP-6R	--	--	--	--	0.0	19.9	--	--	--	--	--	--	--	--
CP2-7	--	--	--	--	0.0	20.8	--	--	--	--	--	--	--	--
CP2-9	--	--	--	--	0.0	20.9	--	--	--	--	--	--	--	--
TGP-06	--	--	--	--	0.0	20.6	--	--	--	--	--	--	--	--
TGP-East	--	--	--	--	0.0	19.9	--	--	--	--	--	--	--	--
TGP-Dads	--	--	--	--	0.0	20.1	--	--	--	--	--	--	--	--
CP3-1RR	--	--	--	--	0.0	20.4	--	--	--	--	--	--	--	--
CP3-2R	--	--	--	--	0.0	20.8	--	--	--	--	--	--	--	--
CP3-4R	--	--	--	--	0.0	20.2	--	--	--	--	--	--	--	--
CP3-5R	--	--	--	--	0.0	20.5	--	--	--	--	--	--	--	--
CP3-7R	--	--	--	--	0.0	19.2	--	--	--	--	--	--	--	--
CP3-8R	--	--	--	--	0.0	18.9	--	--	--	--	--	--	--	--
CP3-9	--	--	--	--	0.0	15.1	--	--	--	--	--	--	--	--
CP3-10R	--	--	--	--	0.0	18.8	--	--	--	--	--	--	--	--
CP3-12R	--	--	--	--	0.0	19.1	--	--	--	--	--	--	--	--
CP3-13R	--	--	--	--	0.0	17.7	--	--	--	--	--	--	--	--
CP3-14R	--	--	--	--	0.0	18.1	--	--	--	--	--	--	--	--
CP3-15R	--	--	--	--	0.0	18.4	--	--	--	--	--	--	--	--
TGP-89	--	--	--	--	0.0	19.1	--	--	--	--	--	--	--	--
CP4-A	--	--	--	--	0.0	18.8	--	--	--	--	--	--	--	--
CP4-B	--	--	--	--	0.0	19.4	--	--	--	--	--	--	--	--
CP4-C	--	--	--	--	0.0	20.0	--	--	--	--	--	--	--	--
CP4-1	--	--	--	--	0.0	20.4	--	--	--	--	--	--	--	--
CP4-2	--	--	--	--	0.0	18.9	--	--	--	--	--	--	--	--
CP4-3	--	--	--	--	0.0	20.0	--	--	--	--	--	--	--	--
CP4-4	--	--	--	--	0.0	20.4	--	--	--	--	--	--	--	--
CP4-6	--	--	--	--	0.0	19.7	--	--	--	--	--	--	--	--
CP5-1R	--	--	--	--	0.0	17.4	--	--	--	--	--	--	--	--
CP5-3R	--	--	--	--	0.0	17.2	--	--	--	--	--	--	--	--
CP5-4R	--	--	--	--	0.0	17.7	--	--	--	--	--	--	--	--
CP5-6	--	--	--	--	0.0	18.2	--	--	--	--	--	--	--	--
CP5-8	--	--	--	--	0.0	16.9	--	--	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	27-Dec		28-Dec		29-Dec		30-Dec		31-Dec		1-Jan		2-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	0.0	9.9	--	--	--	--	--	--	--	--
TGP-63	--	--	--	--	0.0	16.1	--	--	--	--	--	--	--	--
TGP-57	--	--	--	--	0.0	19.6	--	--	--	--	--	--	--	--
TGP-62	--	--	--	--	0.0	15.8	--	--	--	--	--	--	--	--
GP-12	--	--	--	--	0.0	18.5	--	--	--	--	--	--	--	--
TGP-60	--	--	--	--	0.0	17.9	--	--	--	--	--	--	--	--
TGP-65	--	--	--	--	0.0	18.8	--	--	--	--	--	--	--	--
TGP-66	--	--	--	--	0.0	18.1	--	--	--	--	--	--	--	--
TGP-67	--	--	--	--	0.0	18.0	--	--	--	--	--	--	--	--
TGP-68	--	--	--	--	0.0	17.3	--	--	--	--	--	--	--	--
TGP-53	--	--	--	--	0.0	16.3	--	--	--	--	--	--	--	--
TGP-59	--	--	--	--	0.0	17.1	--	--	--	--	--	--	--	--
TGP-58	--	--	--	--	0.0	17.3	--	--	--	--	--	--	--	--
GP-14	--	--	--	--	0.0	18.6	--	--	--	--	--	--	--	--
TGP-87	--	--	--	--	0.0	19.8	--	--	--	--	--	--	--	--
TGP-88	--	--	--	--	0.0	20.7	--	--	--	--	--	--	--	--
TGP-69	--	--	--	--	0.0	20.9	--	--	--	--	--	--	--	--
TGP-80	--	--	--	--	0.0	20.2	--	--	--	--	--	--	--	--
GP-17	--	--	--	--	0.0	15.8	--	--	--	--	--	--	--	--
TGP-91	--	--	--	--	0.0	20.6	--	--	--	--	--	--	--	--
GP-18	--	--	--	--	0.0	20.4	--	--	--	--	--	--	--	--
TGP-73	--	--	--	--	0.0	20.8	--	--	--	--	--	--	--	--
TGP-74	--	--	--	--	0.0	18.1	--	--	--	--	--	--	--	--
TGP-84	--	--	--	--	0.0	18.1	--	--	--	--	--	--	--	--
TGP-75	--	--	--	--	0.0	12.2	--	--	--	--	--	--	--	--
TGP-85	--	--	--	--	0.0	17.3	--	--	--	--	--	--	--	--
TGP-72	--	--	--	--	0.0	18.4	--	--	--	--	--	--	--	--
TGP-86	--	--	--	--	0.0	19.1	--	--	--	--	--	--	--	--
TGP-32	--	--	--	--	0.0	19.8	--	--	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 20 - Dec 26, 2010						Week of:	Dec 27, 2010 - Jan 02, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	14	2.4	14.7	5.9	77	GV1-1	--	24	17.6	5.3	20	57
GV1-2	--	18	4.9	6.5	16	73	GV1-2	--	24	16.1	4.8	23	56
GV1-3	--	22	8.3	12.8	10	69	GV1-3	--	28	15.2	9.3	15	61
GV1-4	--	28	6.5	14.5	8.2	71	GV1-4	--	30	17.6	6.8	18	58
GV1-5	--	30	2.5	17.2	2.8	78	GV1-5	--	34	24.6	1.9	25	49
GV1-6	--	32	6.9	12.1	11	70	GV1-6	--	30	12.7	6.1	16	65
GV1-7	--	30	1.2	9.8	11	78	GV1-7	--	32	6.8	8.0	14	71
GV1-8	--	30	15.4	10.1	24	51	GV1-8	--	36	18.1	1.6	22	60
GV1-9	--	30	15.8	0.0	23	61	GV1-9	--	34	16.8	0.2	23	60
GV1-10X	--	32	8.3	8.9	12	71	**GV1-10X**	--	40	8.6	9.3	13	69
GV1-11	--	28	14.8	0.3	22	63	GV1-11	--	34	17.6	1.7	21	60
GV1-12	--	30	3.8	14.2	6.0	76	GV1-12	--	30	10.9	6.7	15	67
GV1-13	--	32	3.7	16.1	5.9	74	GV1-13	--	30	7.5	9.0	13	71
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	13.0	6.2	80	GV1b-1	--	--	1.4	12.2	6.7	80
GV1b-2	--	32	0.7	14.9	3.9	81	GV1b-2	--	36	2.5	8.9	11	78
GV1b-3	--	30	8.0	2.1	16	74	GV1b-3	--	28	13.2	9.4	13	64
GV1b-4	--	30	3.8	8.0	11	77	GV1b-4	--	38	2.8	9.7	10	78
GV1b-5	--	32	2.9	2.8	17	77	GV1b-5	--	34	3.3	4.5	16	76
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	58	1.5	16.8	5.9	76	GV2-1	--	60	2.1	16.5	5.7	76
GV2-2	--	60	0.2	18.3	4.9	79	GV2-2	--	62	0.1	17.8	3.8	79
GV2-3	--	68	0.0	12.3	9.1	79	GV2-3	--	70	0.0	13.8	7.9	79
GV2-4	--	78	4.7	7.3	13	75	GV2-4	--	78	6.1	9.0	13	72
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	39.8	0.0	28	32	GV3-1	--	--	60.2	0.5	31	8
GV3-2	--	--	52.9	0.0	31	16	GV3-2	--	--	58.9	0.3	30	11
GV3-3	--	--	6.9	10.2	11	72	GV3-3	--	--	38.2	1.2	24	37
GV3-4	--	32	9.2	4.2	16	71	GV3-4	--	38	15.9	1.6	17	65
GV3-5	--	--	2.8	4.1	12	81	GV3-5	--	--	7.4	4.1	14	75
GV3-6	--	--	11.4	1.1	16	72	GV3-6	--	--	14.5	0.9	17	68
GV3-7	--	--	0.0	12.8	5.6	82	GV3-7	--	--	9.7	0.5	16	74
GV3-8	--	--	0.2	11.1	7.3	81	GV3-8	--	--	10.2	4.4	15	70
GV3-9	--	--	6.7	6.8	11	76	GV3-9	--	--	12.3	3.2	16	69
GV3-10 X	--	--	0.0	8.1	8.9	83	**GV3-10 X**	--	--	5.6	5.7	13	76
GV3-11	--	--	0.1	7.3	10	83	GV3-11	--	--	0.5	3.0	14	83
GV3-12	--	--	2.8	2.5	15	80	GV3-12	--	--	7.8	1.0	17	74
GV3-13	--	--	10.9	2.4	19	68	GV3-13	--	--	18.0	5.0	17	60
GV3-14	--	--	27.4	0.0	26	47	GV3-14	--	--	30.1	0.8	25	44
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	38	1.3	9.3	9.0	80	GV4-C	--	52	0.4	1.7	8.8	89
GV4-B	--	--	0.0	9.8	8.8	81	GV4-B	--	--	0.0	10.6	8.4	81
GV4-A	--	--	0.3	10.2	9.1	80	GV4-A	--	--	0.3	11.6	8.1	80
GV4-1	--	--	3.0	10.1	10	77	GV4-1	--	--	4.7	12.0	8.5	75
GV4-2	--	--	10.4	8.2	14	67	GV4-2	--	--	2.8	15.7	5.8	76
GV4-3	--	--	1.8	13.6	6.4	78	GV4-3	--	--	3.2	10.1	11	76
GV4-4 X	--	--	0.0	17.3	1.9	81	**GV4-4 X**	--	--	0.0	18.9	0.8	80
GV4-5	--	--	15.6	2.6	20	62	GV4-5	--	--	20.5	2.1	21	56
GV4-6	--	--	16.3	6.4	18	59	GV4-6	--	--	3.1	8.6	11	77
GV4-7	--	--	26.9	0.8	26	46	GV4-7	--	--	27.2	3.1	23	47
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	50	0.6	11.1	7.7	81	GV5-1	--	58	5.8	10.3	11	73
GV5-2	--	--	0.7	9.7	10	80	GV5-2	--	--	33.7	1.1	25	40
	--	--	0.7	8.9	11	79	GV5-3	--	--	5.2	4.2	16	75
GV5-4	--	--	1.5	2.8	17	79	GV5-4	--	--	7.1	1.3	20	72
GV5-5	--	--	1.5	0.7	18	80	GV5-5	--	--	12.1	0.4	22	66
GV5-6	--	--	0.0	6.7	12	81	GV5-6	--	--	5.2	0.8	19	75
GV5-7	--	--	1.9	0.8	18	79	GV5-7	--	--	5.3	0.4	20	74
GV5-8	--	--	10.5	0.7	20	69	GV5-8	--	--	3.2	1.5	17	78
GV5-9	--	--	12.9	0.0	21	66	GV5-9	--	--	9.3	1.2	18	72

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 20 - Dec 26, 2010						Week of:	Dec 27, 2010 - Jan 02, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
	–	–	27.7	0.0	27	45	EW-1	–	–	23.8	1.9	28	48
EW-2	–	–	0.0	9.1	11	80	EW-2	–	–	0.0	12.0	9.0	79
EW-3	–	–	11.8	6.2	18	64	EW-3	–	–	12.0	6.2	17	65
EW-4	–	–	28.7	0.0	27	44	EW-4	–	–	30.0	0.2	25	45
EW-5	–	–	30.2	0.0	27	43	EW-5	–	–	32.3	0.0	27	41
EW-6	–	–	32.0	0.0	30	38	EW-6	–	–	32.5	0.0	27	41
EW-7	–	–	32.9	0.0	30	37	EW-7	–	–	29.4	0.0	26	45
EW-8	–	–	34.5	0.0	30	36	EW-8	–	–	30.4	0.0	27	43
EW-9	–	–	36.9	0.0	32	31	EW-9	–	–	38.1	0.0	30	32
EW-10	–	–	5.4	0.0	14	81	EW-10	–	–	3.1	2.3	11	84
EW-11	–	–	0.0	20.1	0.3	80	EW-11	–	–	0.0	20.6	0.2	79
EW-12	–	–	0.0	20.0	0.2	80	EW-12	–	–	0.0	20.7	0.4	79
SW1	–	–	34.2	0.0	33	33	SW1	–	–	36.8	0.0	31	32
SW2	–	–	35.8	0.0	33	31	SW2	–	–	37.3	0.0	32	31
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	22.0	0.0	27	51	NW1	–	–	20.8	0.0	26	53
NW2	–	–	43.6	0.0	36	20	NW2	–	–	46.0	0.0	34	20
NW3	–	–	39.6	0.0	35	25	NW3	–	–	44.3	0.4	33	22
NW4	–	–	22.4	0.0	27	51	NW4	–	–	19.0	0.9	25	55
NW5	–	–	17.0	0.0	24	59	NW5	–	–	16.1	0.0	23	61
NW6	–	–	44.1	0.0	37	19	NW6	–	–	48.6	0.0	35	16
NW7	–	–	61.3	0.0	39	0	NW7	–	–	62.8	0.0	36	1
NW8	–	–	14.8	0.1	25	60	NW8	–	–	17.9	2.8	22	58
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.80	–	–	–	–	FLARE 90	–	2.80	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/21/2011

Subject: LFG Monitoring Summary - Week of 01/03/11 - 01/09/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 mins ON and 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 9, 2011 with a temperature of 17°F and mostly cloudy conditions.
Vacuum readings were last taken on November 29, 2010.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/3/2011	--	--	--	--	--	--	--	--	0.0
1/4/2011	--	--	10:00	--	--	1:00	7:00#	--	3.0
1/5/2011	--	--	--	--	--	--	--	--	0.0
1/6/2011	--	--	7:00	--	--	1:00	7:00	12:00	11.0
1/7/2011	0:00#	--	--	--	3:00	--	--	9:00	6.0
1/8/2011	3:00	5:00#	8:30#	--	--	--	--	--	2.0
1/9/2011	--	--	9:30#	--	1:00#	--	--	--	0.0
								Total Hrs. =	22.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/3/2011	--	--	--	--	--
1/4/2011	--	--	--	--	--
1/5/2011	--	--	--	--	--
1/6/2011	--	--	--	--	--
1/7/2011	--	--	--	--	--
1/8/2011	CPs & TGP/GP	8:30A - 3:30P	0.0	29.59 - 29.80	R
1/9/2011	GV, S&EW	9:30A - 12:30P	--	30.31 - 30.37	R

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	3-Jan		4-Jan		5-Jan		6-Jan		7-Jan		8-Jan		9-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	13.3	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	14.0	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	14.2	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	13.8	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	3-Jan		4-Jan		5-Jan		6-Jan		7-Jan		8-Jan		9-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	12.5	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	9.9	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--

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(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 27, 2010 - Jan 02, 2011						Week of:	Jan 03 - Jan 09, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	24	17.6	5.3	20	57	GV1-1	--	--	3.6	8.5	14	74
GV1-2	--	24	16.1	4.8	23	56	GV1-2	--	10	1.3	10.7	10	78
GV1-3	--	28	15.2	9.3	15	61	GV1-3	--	14	28.9	2.4	32	37
GV1-4	--	30	17.6	6.8	18	58	GV1-4	--	16	20.3	1.5	27	51
GV1-5	--	34	24.6	1.9	25	49	GV1-5	--	20	17.7	2.3	24	56
GV1-6	--	30	12.7	6.1	16	65	GV1-6	--	18	18.9	3.0	23	57
GV1-7	--	32	6.8	8.0	14	71	GV1-7	--	20	8.5	8.9	16	67
GV1-8	--	36	16.1	1.6	22	60	GV1-8	--	22	16.3	1.7	26	56
GV1-9	--	34	16.6	0.2	23	60	GV1-9	--	24	15.9	0.3	25	59
GV1-10X	--	40	8.6	9.3	13	69	**GV1-10X**	--	22	21.6	1.5	29	48
GV1-11	--	34	17.6	1.7	21	60	GV1-11	--	20	18.3	0.4	25	56
GV1-12	--	30	10.8	6.7	15	67	GV1-12	--	24	23.8	0.3	31	45
GV1-13	--	30	7.5	9.0	13	71	GV1-13	--	26	26.8	1.1	31	41
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	1.4	12.2	6.7	80	GV1b-1	--	--	0.4	8.3	10	81
GV1b-2	--	36	2.5	8.9	11	78	GV1b-2	--	24	0.0	10.5	10	80
GV1b-3	--	28	13.2	9.4	13	64	GV1b-3	--	18	2.3	10.8	10	77
GV1b-4	--	38	2.8	9.7	10	78	GV1b-4	--	20	0.0	10.7	8.9	80
GV1b-5	--	34	3.3	4.5	16	76	GV1b-5	--	20	0.9	7.8	14	77
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	60	2.1	16.5	5.7	76	GV2-1	--	52	1.4	12.4	8.3	78
GV2-2	--	62	0.1	17.6	3.8	79	GV2-2	--	40	0.5	14.6	4.7	80
GV2-3	--	70	0.0	13.6	7.9	79	GV2-3	--	42	2.9	10.8	12	74
GV2-4	--	78	6.1	9.0	13	72	GV2-4	--	66	3.0	9.6	12	75
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	60.2	0.5	31	8	GV3-1	--	--	0.1	18.4	1.1	80
GV3-2	--	--	58.9	0.3	30	11	GV3-2	--	--	0.3	18.9	1.5	79
GV3-3	--	--	38.2	1.2	24	37	GV3-3	--	--	1.2	15.4	4.8	79
GV3-4	--	38	15.9	1.6	17	66	GV3-4	--	32	0.0	19.9	0.4	80
GV3-5	--	--	7.4	4.1	14	75	GV3-5	--	--	0.0	19.8	0.7	80
GV3-6	--	--	14.5	0.9	17	68	GV3-6	--	--	0.0	17.6	1.8	81
GV3-7	--	--	9.7	0.5	16	74	GV3-7	--	--	0.0	19.3	0.1	81
GV3-8	--	--	10.2	4.4	15	70	GV3-8	--	--	0.0	20.2	0.1	80
GV3-9	--	--	12.3	3.2	16	69	GV3-9	--	--	12.3	20.2	0.2	67
GV3-10 X	--	--	5.6	5.7	13	76	**GV3-10 X**	--	--	0.0	20.1	0.5	79
GV3-11	--	--	0.5	3.0	14	83	GV3-11	--	--	0.0	18.1	2.0	80
GV3-12	--	--	7.8	1.0	17	74	GV3-12	--	--	0.8	17.4	3.1	79
GV3-13	--	--	18.0	5.0	17	60	GV3-13	--	--	1.5	16.6	6.0	76
GV3-14	--	--	30.1	0.8	25	44	GV3-14	--	--	1.1	16.2	4.5	78
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	52	0.4	1.7	8.8	89	GV4-C	--	32	2.6	12.1	10	75
GV4-B	--	--	0.0	10.6	8.4	81	GV4-B	--	--	2.2	12.0	8.9	77
GV4-A	--	--	0.3	11.6	8.1	80	GV4-A	--	--	1.8	12.2	8.5	78
GV4-1	--	--	4.7	12.0	8.5	75	GV4-1	--	--	2.1	12.5	8.5	77
GV4-2	--	--	2.6	15.7	5.6	76	GV4-2	--	--	3.9	11.9	10	74
GV4-3	--	--	3.2	10.1	11	76	GV4-3	--	--	1.3	13.1	7.3	78
GV4-4 X	--	--	0.0	16.9	0.8	80	**GV4-4 X**	--	--	0.0	13.3	4.4	82
GV4-5	--	--	20.5	2.1	21	56	GV4-5	--	--	1.8	13.8	7.2	77
GV4-6	--	--	3.1	8.8	11	77	GV4-6	--	--	1.2	15.0	5.2	79
GV4-7	--	--	27.2	3.1	23	47	GV4-7	--	--	0.3	17.4	2.6	80
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	56	5.8	10.3	11	73	GV5-1	--	56	1.0	15.6	5.8	78
GV5-2	--	--	33.7	1.1	25	40	GV5-2	--	--	1.1	15.7	6.0	77
	--	--	5.2	4.2	16	75	GV5-3	--	--	1.2	15.1	5.6	78
GV5-4	--	--	7.1	1.3	20	72	GV5-4	--	--	0.0	18.7	1.4	80
GV5-5	--	--	12.1	0.4	22	66	GV5-5	--	--	0.6	10.1	8.2	81
GV5-6	--	--	5.2	0.8	19	75	GV5-6	--	--	0.0	17.8	0.7	82
GV5-7	--	--	5.3	0.4	20	74	GV5-7	--	--	0.0	12.9	8.3	79
GV5-8	--	--	3.2	1.5	17	78	GV5-8	--	--	1.5	13.8	7.0	78
GV5-9	--	--	9.3	1.2	18	72	GV5-9	--	--	11.3	8.0	18	63

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 27, 2010 - Jan 02, 2011						Week of:	Jan 03 - Jan 09, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
	–	–	23.8	1.9	26	48	EW-1	–	–	1.4	10.9	13	75
EW-2	–	–	0.0	12.0	9.0	79	EW-2	–	–	0.1	9.5	14	76
EW-3	–	–	12.0	6.2	17	65	EW-3	–	–	1.1	10.4	10	79
EW-4	–	–	30.0	0.2	25	45	EW-4	–	–	31.4	0.4	32	36
EW-5	–	–	32.3	0.0	27	41	EW-5	–	–	32.1	0.3	33	35
EW-6	–	–	32.5	0.0	27	41	EW-6	–	–	31.0	0.7	30	38
EW-7	–	–	29.4	0.0	26	45	EW-7	–	–	31.5	1.0	29	39
EW-8	–	–	30.4	0.0	27	43	EW-8	–	–	33.8	0.2	33	33
EW-9	–	–	38.1	0.0	30	32	EW-9	–	–	38.5	0.2	33	28
EW-10	–	–	3.1	2.3	11	84	EW-10	–	–	18.7	5.5	21	55
EW-11	–	–	0.0	20.6	0.2	79	EW-11	–	–	0.0	17.5	0.3	82
EW-12	–	–	0.0	20.7	0.4	79	EW-12	–	–	0.2	16.9	1.8	81
SW1	–	–	36.8	0.0	31	32	SW1	–	–	33.4	0.2	35	31
SW2	–	–	37.3	0.0	32	31	SW2	–	–	35.2	0.3	35	30
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	20.6	0.0	26	53	NW1	–	–	36.6	0.3	36	27
NW2	–	–	46.0	0.0	34	20	NW2	–	–	45.5	1.1	39	14
NW3	–	–	44.3	0.4	33	22	NW3	–	–	21.5	10.2	20	48
NW4	–	–	19.0	0.9	25	55	NW4	–	–	2.8	15.0	5.1	77
NW5	–	–	16.1	0.0	23	61	NW5	–	–	35.6	0.3	36	28
NW6	–	–	48.6	0.0	35	16	NW6	–	–	42.8	0.8	40	16
NW7	–	–	62.8	0.0	36	1	NW7	–	–	7.3	16.1	6.5	70
NW8	–	–	17.9	2.6	22	58	NW8	–	–	30.9	6.2	30	33
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.80	–	–	–	–	FLARE 90	–	2.80	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/24/2011

Subject: LFG Monitoring Summary - Week of 01/10/11 - 01/16/11

Summary: All CPs remained in compliance this week.
There were five (5) flare flame failure due to low methane or other issues.
Flare operating cycles were 300 mins ON and 420 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 13, 2011 with temps of 23°F to 25°F and overcast with light snow conditions.
Vacuum readings were last taken on November 29, 2010.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/10/2011	--	--	--	--	12:30	1:00#	--	--	0.5
1/11/2011	--	--	8:30	--	--	1:30	8:30#	--	5.0
1/12/2011	--	--	8:30#	--	--	--	--	--	0.0
1/13/2011	--	--	--	--	--	--	4:30	9:30	5.0
1/14/2011	4:30	9:30	--	--	--	--	4:30	9:00#	9.5
1/15/2011	--	--	--	--	--	--	--	--	0.0
1/16/2011	--	--	--	--	--	--	4:30	5:00#	0.5
								Total Hrs. =	20.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/10/2011	--	--	--	--	--
1/11/2011	--	--	--	--	--
1/12/2011	--	--	--	--	--
1/13/2011	GV, S&EW	9:00A - 12:30P	--	30.55 - 30.50	F
1/14/2011	CPs & TGP/GP	9:30A - 2:00P	0.0	30.39 - 30.32	F
1/15/2011	--	--	--	--	--
1/16/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Jan		11-Jan		12-Jan		13-Jan		14-Jan		15-Jan		16-Jan	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Jan		11-Jan		12-Jan		13-Jan		14-Jan		15-Jan		16-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	8.3	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	13.4	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling Instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 03 - Jan 09, 2011						Week of:	Jan 10 - Jan 16, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	–	3.8	8.5	14	74	GV1-1	–	22	3.6	7.2	14	75
GV1-2	–	10	1.3	10.7	10	78	GV1-2	–	28	23.7	2.1	29	45
GV1-3	–	14	28.9	2.4	32	37	GV1-3	–	26	11.7	5.6	19	64
GV1-4	–	16	20.3	1.5	27	51	GV1-4	–	30	28.9	1.2	31	39
GV1-5	–	20	17.7	2.3	24	56	GV1-5	–	28	24.7	0.7	28	47
GV1-6	–	18	18.9	3.0	23	57	GV1-6	–	28	21.9	0.8	27	50
GV1-7	–	20	8.5	8.9	16	67	GV1-7	–	30	12.6	6.4	20	61
GV1-8	–	22	16.3	1.7	26	56	GV1-8	–	32	16.3	0.5	25	58
GV1-9	–	24	15.9	0.3	25	59	GV1-9	–	30	16.4	0.3	25	58
GV1-10X	–	22	21.6	1.6	29	48	**GV1-10X**	–	32	16.6	0.2	25	58
GV1-11	–	20	18.3	0.4	25	56	GV1-11	–	30	19.0	0.2	25	56
GV1-12	–	24	23.8	0.3	31	45	GV1-12	–	30	18.9	0.2	28	55
GV1-13	–	26	26.8	1.1	31	41	GV1-13	–	32	18.4	0.3	26	55
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.4	8.3	10	81	GV1b-1	–	–	3.4	7.2	13	76
GV1b-2	–	24	0.0	10.5	10	80	GV1b-2	–	30	0.0	11.5	8.0	81
GV1b-3	–	18	2.3	10.8	10	77	GV1b-3	–	28	3.7	9.7	12	75
GV1b-4	–	20	0.0	10.7	8.9	80	GV1b-4	–	28	3.0	7.9	13	76
GV1b-5	–	20	0.9	7.8	14	77	GV1b-5	–	30	3.1	7.6	14	75
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	52	1.4	12.4	8.3	78	GV2-1	–	42	2.9	11.1	10	76
GV2-2	–	40	0.5	14.6	4.7	80	GV2-2	–	40	0.7	15.7	4.5	79
GV2-3	–	42	2.9	10.8	12	74	GV2-3	–	40	3.8	9.0	13	74
GV2-4	–	66	3.0	9.6	12	75	GV2-4	–	64	4.6	7.5	14	74
LEG 3	–	–	–	–		–	**LEG 3**	–	–	–	–		–
GV3-1	–	–	0.1	18.4	1.1	80	GV3-1	–	–	37.7	0.3	29	33
GV3-2	–	–	0.3	18.9	1.5	79	GV3-2	–	–	53.7	0.3	33	13
GV3-3	–	–	1.2	15.4	4.6	79	GV3-3	–	–	41.3	2.2	29	28
GV3-4	–	32	0.0	19.9	0.4	80	GV3-4	–	28	41.8	1.0	29	28
GV3-5	–	–	0.0	19.8	0.7	80	GV3-5	–	–	36.8	1.7	27	35
GV3-6	–	–	0.0	17.6	1.8	81	GV3-6	–	–	32.6	2.2	25	40
GV3-7	–	–	0.0	19.3	0.1	81	GV3-7	–	–	32.9	2.0	26	39
GV3-8	–	–	0.0	20.2	0.1	80	GV3-8	–	–	30.4	2.3	25	42
GV3-9	–	–	12.3	20.2	0.2	67	GV3-9	–	–	32.2	1.9	26	40
GV3-10 X	–	–	0.0	20.1	0.5	79	**GV3-10 X**	–	–	16.4	2.5	20	61
GV3-11	–	–	0.0	18.1	2.0	80	GV3-11	–	–	3.2	9.2	10	78
GV3-12	–	–	0.8	17.4	3.1	79	GV3-12	–	–	6.4	7.1	13	74
GV3-13	–	–	1.5	16.6	6.0	76	GV3-13	–	–	6.1	7.0	15	72
GV3-14	–	–	1.1	16.2	4.5	78	GV3-14	–	–	9.7	6.4	16	68
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	32	2.6	12.1	10	75	GV4-C	–	32	4.4	8.5	13	74
GV4-B	–	–	2.2	12.0	8.9	77	GV4-B	–	–	4.5	8.7	13	74
GV4-A	–	–	1.8	12.2	8.5	78	GV4-A	–	–	4.6	8.6	13	74
GV4-1	–	–	2.1	12.5	8.5	77	GV4-1	–	–	9.6	8.7	13	69
GV4-2	–	–	3.9	11.9	10	74	GV4-2	–	–	4.7	11.1	13	71
GV4-3	–	–	1.3	13.1	7.3	78	GV4-3	–	–	4.5	9.7	13	73
GV4-4 X	–	–	0.0	13.3	4.4	82	**GV4-4 X**	–	–	0.0	8.9	7.5	84
GV4-5	–	–	1.8	13.8	7.2	77	GV4-5	–	–	3.0	7.2	12	78
GV4-6	–	–	1.2	15.0	5.2	79	GV4-6	–	–	5.2	2.5	14	78
GV4-7	–	–	0.3	17.4	2.6	80	GV4-7	–	–	12.7	17.4	21	49
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	58	1.0	15.6	5.8	78	GV5-1	–	56	10.6	8.0	12	69
GV5-2	–	–	1.1	15.7	6.0	77	GV5-2	–	–	0.5	15.8	5.3	78
	–	–	1.2	15.1	5.6	78	GV5-3	–	–	0.0	17.0	2.8	80
GV5-4	–	–	0.0	18.7	1.4	80	GV5-4	–	–	0.0	17.9	2.0	80
GV5-5	–	–	0.6	10.1	8.2	81	GV5-5	–	–	0.0	10.7	4.7	85
GV5-6	–	–	0.0	17.6	0.7	82	GV5-6	–	–	0.0	16.9	3.1	80
GV5-7	–	–	0.0	12.9	8.3	79	GV5-7	–	–	0.0	12.7	7.6	80
GV5-8	–	–	1.5	13.8	7.0	78	GV5-8	–	–	9.9	5.6	17	68
GV5-9	–	–	11.3	8.0	18	63	GV5-9	–	–	16.7	1.6	24	58

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) *Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).*

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 03 - Jan 09, 2011						Week of:	Jan 10 - Jan 16, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
	–	–	1.4	10.9	13	75	EW-1	–	–	1.3	12.8	10	76
EW-2	–	–	0.1	9.5	14	76	EW-2	–	–	0.0	7.1	14	79
EW-3	–	–	1.1	10.4	10	79	EW-3	–	–	2.3	11.4	10	76
EW-4	–	–	31.4	0.4	32	36	EW-4	–	–	28.7	0.5	27	44
EW-5	–	–	32.1	0.3	33	35	EW-5	–	–	30.3	0.2	28	42
EW-6	–	–	31.0	0.7	30	38	EW-6	–	–	32.8	0.3	30	37
EW-7	–	–	31.5	1.0	29	39	EW-7	–	–	31.9	0.1	30	38
EW-8	–	–	33.6	0.2	33	33	EW-8	–	–	32.3	0.2	31	37
EW-9	–	–	38.5	0.2	33	28	EW-9	–	–	37.5	0.2	33	29
EW-10	–	–	18.7	5.5	21	55	EW-10	–	–	19.0	1.1	23	57
EW-11	–	–	0.0	17.5	0.3	82	EW-11	–	–	0.0	18.2	22	60
EW-12	–	–	0.2	16.9	1.8	81	EW-12	–	–	1.0	15.7	6.4	77
SW1	–	–	33.4	0.2	35	31	SW1	–	–	35.2	0.7	31	33
SW2	–	–	35.2	0.3	35	30	SW2	–	–	36.1	0.2	33	31
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	38.6	0.3	36	27	NW1	–	–	25.3	2.1	28	45
NW2	–	–	45.5	1.1	39	14	NW2	–	–	46.7	0.3	40	13
NW3	–	–	21.5	10.2	20	48	NW3	–	–	45.1	0.4	38	19
NW4	–	–	2.8	15.0	5.1	77	NW4	–	–	47.2	0.2	37	15
NW5	–	–	35.6	0.3	36	28	NW5	–	–	48.3	0.5	37	14
NW6	–	–	42.8	0.8	40	16	NW6	–	–	48.3	0.5	37	14
NW7	–	–	7.3	16.1	6.5	70	NW7	–	–	46.3	0.6	36	17
NW8	–	–	30.9	6.2	30	33	NW8	–	–	16.8	2.3	26	55
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.80	–	–	–	–	FLARE 90	–	2.80	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/31/2011

Subject: LFG Monitoring Summary - Week of 01/17/11 - 01/23/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 mins ON and 420 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 21, 2011 with temps of 6°F to 12°F and partly cloudy conditions.
Vacuum readings were taken on January 17-18, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/17/2011	6:00	8:30	--	--	--	--	4:30	9:30	7.5
1/18/2011	4:30	9:30	--	--	--	--	4:30	6:00#	6.5
1/19/2011	--	--	--	--	--	--	5:00	5:30#	0.5
1/20/2011	--	--	10:00	11:00#	3:00#	--	--	--	1.0
1/21/2011	--	--	9:00	--	--	1:00#	--	--	4.0
1/22/2011	--	--	9:00#	--	--	--	--	--	0.0
1/23/2011	--	--	--	--	--	--	5:30	8:00	2.5
								Total Hrs. =	22.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/17/2011	--	--	--	--	--
1/18/2011	--	--	--	--	--
1/19/2011	--	--	--	--	--
1/20/2011	CPs & TGP/GP	10:30A - 3:00P	0.0	30.10 - 29.92	F
1/21/2011	GV, S&EW	10:30A - 1:30P	--	30.12 - 30.11	S/F
1/22/2011	--	--	--	--	--
1/23/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	17-Jan		18-Jan		19-Jan		20-Jan		21-Jan		22-Jan		23-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	14.5	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	16.5	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	14.9	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	17.7	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	14.3	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	11.9	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	20.8	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	14.7	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	15.2	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	13.3	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	17-Jan		18-Jan		19-Jan		20-Jan		21-Jan		22-Jan		23-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	8.8	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	14.7	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	16.5	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.5	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	15.7	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	9.4	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	14.1	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 10 - Jan 16, 2011						Week of:	Jan 17 - Jan 23, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	-1.90	–	–	–	–	–
GV1-1	–	22	3.6	7.2	14	75	GV1-1	–	8	10.6	0.4	21	68
GV1-2	–	26	23.7	2.1	29	45	GV1-2	–	10	10.8	0.5	20	69
GV1-3	–	26	11.7	5.6	19	64	GV1-3	–	10	24.7	0.6	26	49
GV1-4	–	30	28.9	1.2	31	39	GV1-4	–	8	0.3	17.3	0.6	82
GV1-5	–	28	24.7	0.7	28	47	GV1-5	–	10	24.5	0.8	24	51
GV1-6	–	28	21.9	0.8	27	50	GV1-6	–	8	20.8	1.5	23	55
GV1-7	–	30	12.6	6.4	20	61	GV1-7	–	8	4.1	2.8	18	75
GV1-8	–	32	16.3	0.5	25	58	GV1-8	–	8	13.5	1.5	21	64
GV1-9	–	30	16.4	0.3	25	58	GV1-9	–	14	12.6	3.1	21	63
GV1-10X	–	32	16.6	0.2	25	58	**GV1-10X**	–	18	14.9	3.5	22	60
GV1-11	–	30	19.0	0.2	25	56	GV1-11	–	16	18.7	1.0	3.0	77
GV1-12	–	30	18.9	0.2	26	55	GV1-12	–	14	18.8	0.2	21	60
GV1-13	–	32	18.4	0.3	26	55	GV1-13	–	10	8.4	1.0	20	71
LEG 1b	–	–	–	–	–	–	**LEG 1b**	-1.20	–	–	–	–	–
GV1b-1	–	–	3.4	7.2	13	76	GV1b-1	–	–	1.0	9.2	8.7	81
GV1b-2	–	30	0.0	11.5	8.0	81	GV1b-2	–	14	21.6	2.8	21	55
GV1b-3	–	28	3.7	9.7	12	75	GV1b-3	–	12	14.6	5.2	15	65
GV1b-4	–	28	3.0	7.9	13	76	GV1b-4	–	18	2.4	8.9	10	79
GV1b-5	–	30	3.1	7.6	14	75	GV1b-5	–	14	1.4	6.3	14	78
LEG 2	–	–	–	–	–	–	**LEG 2**	-0.10	–	–	–	–	–
GV2-1	–	42	2.9	11.1	10	76	GV2-1	–	24	2.0	13.3	8.0	77
GV2-2	–	40	0.7	15.7	4.5	79	GV2-2	–	30	0.0	16.1	5.0	79
GV2-3	–	40	3.8	9.0	13	74	GV2-3	–	34	0.0	16.5	5.6	78
GV2-4	–	64	4.6	7.5	14	74	GV2-4	–	46	4.8	11.2	12	72
LEG 3	–	–	–	–		–	**LEG 3**	-0.20	–	–	–		–
GV3-1	–	–	37.7	0.3	29	33	GV3-1	–	–	50.3	1.1	27	22
GV3-2	–	–	53.7	0.3	33	13	GV3-2	–	–	53.1	1.3	26	20
GV3-3	–	–	41.3	2.2	29	28	GV3-3	–	–	0.0	18.7	0.1	81
GV3-4	–	28	41.6	1.0	29	28	GV3-4	–	24	15.4	3.7	17	64
GV3-5	–	–	36.8	1.7	27	35	GV3-5	–	–	6.8	3.2	14	76
GV3-6	–	–	32.6	2.2	25	40	GV3-6	–	–	10.1	0.3	16	74
GV3-7	–	–	32.9	2.0	26	39	GV3-7	–	–	6.6	0.6	15	78
GV3-8	–	–	30.4	2.3	25	42	GV3-8	–	–	6.4	0.7	14	79
GV3-9	–	–	32.2	1.9	26	40	GV3-9	–	–	6.5	6.5	12	75
GV3-10 X	–	–	16.4	2.5	20	61	**GV3-10 X**	–	–	0.1	4.2	12	84
GV3-11	–	–	3.2	9.2	10	78	GV3-11	–	–	0.0	4.3	14	82
GV3-12	–	–	6.4	7.1	13	74	GV3-12	–	–	10.7	4.2	15	70
GV3-13	–	–	6.1	7.0	15	72	GV3-13	–	–	21.3	1.7	19	58
GV3-14	–	–	9.7	6.4	16	68	GV3-14	–	–	29.2	0.1	23	48
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	-0.40	–	–	–	–	–
GV4-C	–	32	4.4	8.5	13	74	GV4-C	–	18	0.4	8.7	9.1	82
GV4-B	–	–	4.5	8.7	13	74	GV4-B	–	–	0.2	10.3	8.3	81
GV4-A	–	–	4.8	8.6	13	74	GV4-A	–	–	0.4	9.8	9.0	81
GV4-1	–	–	9.6	8.7	13	69	GV4-1	–	–	5.7	8.1	12	74
GV4-2	–	–	4.7	11.1	13	71	GV4-2	–	–	25.7	5.4	20	49
GV4-3	–	–	4.5	9.7	13	73	GV4-3	–	–	3.5	7.9	11	78
GV4-4 X	–	–	0.0	8.9	7.5	84	**GV4-4 X**	–	–	0.0	16.7	2.7	81
GV4-5	–	–	3.0	7.2	12	78	GV4-5	–	–	14.0	2.5	20	64
GV4-6	–	–	5.2	2.5	14	78	GV4-6	–	–	8.0	5.2	13	76
GV4-7	–	–	12.7	17.4	21	49	GV4-7	–	–	29.1	1.0	23	47
LEG 5	–	–	–	–	–	–	**LEG 5**	-0.70	–	–	–	–	–
GV5-1	–	56	10.8	8.0	12	69	GV5-1	–	–	1.9	13.7	5.4	79
GV5-2	–	–	0.5	15.8	5.3	78	GV5-2	–	–	39.8	3.2	26	31
	–	–	0.0	17.0	2.8	80	GV5-3	–	–	0.1	9.2	8.4	82
GV5-4	–	–	0.0	17.9	2.0	80	GV5-4	–	–	0.1	12.4	6.6	81
GV5-5	–	–	0.0	10.7	4.7	85	GV5-5	–	–	0.2	7.2	12	81
GV5-6	–	–	0.0	16.9	3.1	80	GV5-6	–	–	0.2	5.1	13	82
GV5-7	–	–	0.0	12.7	7.6	80	GV5-7	–	–	0.1	6.3	11	83
GV5-8	–	–	9.9	5.6	17	68	GV5-8	–	–	9.1	1.5	18	71
GV5-9	–	–	18.7	1.6	24	58	GV5-9	–	–	14.6	0.6	19	66

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 10 - Jan 16, 2011						Week of:	Jan 17 - Jan 23, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	1.3	12.8	10	76	EW-1	-0.70	--	21.8	2.4	24	52
EW-2	--	--	0.0	7.1	14	79	EW-2	-0.50	--	0.0	14.0	7.4	79
EW-3	--	--	2.3	11.4	10	76	EW-3	-0.20	--	12.5	2.5	18	67
EW-4	--	--	28.7	0.5	27	44	EW-4	--	--	27.6	0.3	24	48
EW-5	--	--	30.3	0.2	28	42	EW-5	--	--	28.8	0.2	27	44
EW-6	--	--	32.8	0.3	30	37	EW-6	--	--	30.6	0.5	25	44
EW-7	--	--	31.9	0.1	30	38	EW-7	--	--	28.0	0.7	24	47
EW-8	--	--	32.3	0.2	31	37	EW-8	--	--	28.2	0.3	24	48
EW-9	--	--	37.5	0.2	33	29	EW-9	--	--	36.5	0.5	26	37
EW-10	--	--	19.0	1.1	23	57	EW-10	-0.40	--	15.2	0.6	18	66
EW-11	--	--	0.0	18.2	22	60	EW-11	-0.80	--	0.0	18.2	0.3	84
EW-12	--	--	1.0	15.7	6.4	77	EW-12	-0.60	--	0.0	16.6	0.7	83
SW1	--	--	35.2	0.7	31	33	SW1	--	--	35.6	0.3	29	35
SW2	--	--	36.1	0.2	33	31	SW2	--	--	32.8	1.6	25	40
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	25.3	2.1	28	45	NW1	--	--	29.5	0.0	26	45
NW2	--	--	46.7	0.3	40	13	NW2	--	--	52.8	0.1	32	15
NW3	--	--	45.1	0.4	38	19	NW3	--	--	48.1	0.0	30	22
NW4	--	--	47.2	0.2	37	16	NW4	--	--	31.2	0.0	28	43
NW5	--	--	48.3	0.5	37	14	NW5	--	--	23.2	0.9	24	52
NW6	--	--	48.3	0.5	37	14	NW6	--	--	52.8	0.2	34	13
NW7	--	--	48.3	0.6	36	17	NW7	--	--	69.8	0.6	33	0
NW8	--	--	16.8	2.3	26	55	NW8	--	--	19.9	1.7	20	58
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	3.00	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/1/2011

Subject: LFG Monitoring Summary - Week of 01/24/11 - 01/30/11

Summary: All CPs remained in compliance this week.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 mins ON and 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 27, 2011 with temps of 26°F to 29°F and overcast conditions.
Vacuum readings were last taken on January 18, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/24/2011	4:00	8:00	--	--	--	--	4:00	6:30#	6.5
1/25/2011	--	--	--	--	--	--	--	--	0.0
1/26/2011	--	--	10:30	--	--	2:00#	--	--	3.5
1/27/2011	--	--	8:30	--	--	12:30	8:30	12:00	7.5
1/28/2011	0:00#	--	9:30	10:00#	--	--	--	--	0.5
1/29/2011	--	--	8:30	--	--	12:30	8:30#	--	4.0
1/30/2011	--	--	--	--	--	--	--	--	0.0
								Total Hrs. =	22.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/24/2011	--	--	--	--	--
1/25/2011	--	--	--	--	--
1/26/2011	--	--	--	--	--
1/27/2011	GV, S&EW	9:00A - 12:30P	--	30.01 - 29.94	F
1/28/2011	CPs & TGP/GP	9:30A - 2:00P	0.0	29.91 - 29.93	R
1/29/2011	--	--	--	--	--
1/30/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Jan		25-Jan		26-Jan		27-Jan		28-Jan		29-Jan		30-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	12.9	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	12.4	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.7	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Jan		25-Jan		26-Jan		27-Jan		28-Jan		29-Jan		30-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	13.1	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	11.1	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 17 - Jan 23, 2011						Week of:	Jan 24 - Jan 30, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.90	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	8	10.6	0.4	21	68	GV1-1	–	26	12.7	0.3	23	64
GV1-2	–	10	10.8	0.5	20	69	GV1-2	–	22	20.5	5.0	23	52
GV1-3	–	10	24.7	0.6	26	49	GV1-3	–	34	23.3	0.2	28	49
GV1-4	–	8	0.3	17.3	0.6	82	GV1-4	–	36	25.7	0.1	26	48
GV1-5	–	10	24.5	0.8	24	51	GV1-5	–	38	22.2	0.0	25	53
GV1-6	–	8	20.8	1.5	23	55	GV1-6	–	34	24.2	0.2	24	52
GV1-7	–	6	4.1	2.8	18	75	GV1-7	–	42	3.6	1.5	19	76
GV1-8	–	8	13.5	1.5	21	64	GV1-8	–	40	13.2	0.4	22	64
GV1-9	–	14	12.6	3.1	21	63	GV1-9	–	38	11.8	0.0	22	66
GV1-10X	–	18	14.9	3.5	22	60	**GV1-10X**	–	34	15.4	0.8	23	61
GV1-11	–	16	18.7	1.0	3.0	77	GV1-11	–	32	19.4	0.3	23	57
GV1-12	–	14	18.8	0.2	21	60	GV1-12	–	32	17.5	0.6	23	59
GV1-13	–	10	8.4	1.0	20	71	GV1-13	–	34	6.2	0.0	19	75
LEG 1b	-1.20	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	1.0	9.2	8.7	81	GV1b-1	–	–	0.6	11.5	7.5	80
GV1b-2	–	14	21.6	2.6	21	55	GV1b-2	–	38	14.7	3.3	19	63
GV1b-3	–	12	14.8	5.2	15	65	GV1b-3	–	32	7.9	6.8	14	71
GV1b-4	–	16	2.4	8.9	10	79	GV1b-4	–	38	1.7	9.1	10	79
GV1b-5	–	14	1.4	6.3	14	78	GV1b-5	–	32	2.2	2.8	16	79
LEG 2	-0.10	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	24	2.0	13.3	8.0	77	GV2-1	–	58	2.8	14.6	9.1	74
GV2-2	–	30	0.0	16.1	5.0	79	GV2-2	–	62	0.4	15.1	6.2	78
GV2-3	–	34	0.0	16.5	5.6	78	GV2-3	–	72	0.1	11.6	10	78
GV2-4	–	46	4.6	11.2	12	72	GV2-4	–	80	6.0	10.3	13	71
LEG 3	-0.20	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	50.3	1.1	27	22	GV3-1	–	–	59.6	0.9	32	8
GV3-2	–	–	53.1	1.3	26	20	GV3-2	–	–	59.2	0.0	30	11
GV3-3	–	–	0.0	18.7	0.1	81	GV3-3	–	–	12.7	13.8	14	60
GV3-4	–	24	15.4	3.7	17	64	GV3-4	–	38	17.9	0.4	19	63
GV3-5	–	–	6.8	3.2	14	76	GV3-5	–	–	8.7	2.6	15	74
GV3-6	–	–	10.1	0.3	16	74	GV3-6	–	–	13.7	0.5	18	68
GV3-7	–	–	6.6	0.6	15	78	GV3-7	–	–	8.5	2.4	18	71
GV3-8	–	–	6.4	0.7	14	79	GV3-8	–	–	0.1	4.8	12	83
GV3-9	–	–	6.5	6.5	12	75	GV3-9	–	–	10.6	5.5	15	69
GV3-10 X	–	–	0.1	4.2	12	84	**GV3-10 X**	–	–	0.1	4.1	13	83
GV3-11	–	–	0.0	4.3	14	82	GV3-11	–	–	0.3	2.3	16	81
GV3-12	–	–	10.7	4.2	15	70	GV3-12	–	–	14.8	0.7	19	66
GV3-13	–	–	21.3	1.7	19	58	GV3-13	–	–	21.2	0.6	22	56
GV3-14	–	–	29.2	0.1	23	48	GV3-14	–	–	29.2	0.0	26	45
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	-0.40	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	18	0.4	8.7	9.1	82	GV4-C	–	40	0.3	9.0	10	81
GV4-B	–	–	0.2	10.3	8.3	81	GV4-B	–	–	0.0	10.7	8.3	81
GV4-A	–	–	0.4	9.6	9.0	81	GV4-A	–	–	0.3	12.0	9.1	79
GV4-1	–	–	5.7	8.1	12	74	GV4-1	–	–	6.0	9.1	12	73
GV4-2	–	–	25.7	5.4	20	49	GV4-2	–	–	8.1	10.9	11	70
GV4-3	–	–	3.5	7.9	11	78	GV4-3	–	–	3.9	8.6	12	76
GV4-4 X	–	–	0.0	16.7	2.7	81	**GV4-4 X**	–	–	0.0	18.9	0.6	81
GV4-5	–	–	14.0	2.5	20	64	GV4-5	–	–	18.8	1.1	21	59
GV4-6	–	–	6.0	5.2	13	76	GV4-6	–	–	4.9	5.6	13	77
GV4-7	–	–	29.1	1.0	23	47	GV4-7	–	–	29.8	1.8	25	43
LEG 5	-0.70	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	–	1.9	13.7	5.4	79	GV5-1	–	–	3.8	3.5	15	78
GV5-2	–	–	39.8	3.2	26	31	GV5-2	–	–	3.9	4.9	16	75
	–	–	0.1	9.2	8.4	82	GV5-3	–	–	2.5	6.8	11	80
GV5-4	–	–	0.1	12.4	6.6	81	GV5-4	–	–	0.0	10.9	6.8	82
GV5-5	–	–	0.2	7.2	12	81	GV5-5	–	–	3.0	2.8	17	77
GV5-6	–	–	0.2	5.1	13	82	GV5-6	–	–	5.7	0.6	21	73
GV5-7	–	–	0.1	6.3	11	83	GV5-7	–	–	5.6	0.7	20	74
GV5-8	–	–	9.1	1.5	18	71	GV5-8	–	–	9.4	0.1	20	71
GV5-9	–	–	14.6	0.6	19	66	GV5-9	–	–	13.4	0.0	21	68

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 17 - Jan 23, 2011						Week of:	Jan 24 - Jan 30, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.70	--	21.8	2.4	24	52	EW-1	--	--	23.0	0.0	26	51
EW-2	-0.50	--	0.0	14.0	7.4	79	EW-2	--	--	0.0	9.8	10	80
EW-3	-0.20	--	12.5	2.5	18	67	EW-3	--	--	13.4	2.8	19	65
EW-4	--	--	27.6	0.3	24	48	EW-4	--	--	32.5	0.0	26	42
EW-5	--	--	26.8	0.2	27	44	EW-5	--	--	35.7	0.0	30	34
EW-6	--	--	30.6	0.5	25	44	EW-6	--	--	33.4	0.7	29	37
EW-7	--	--	28.0	0.7	24	47	EW-7	--	--	29.8	0.0	27	43
EW-8	--	--	28.2	0.3	24	48	EW-8	--	--	21.5	0.0	28	51
EW-9	--	--	36.5	0.5	26	37	EW-9	--	--	39.5	0.0	30	31
EW-10	-0.40	--	15.2	0.6	18	66	EW-10	--	--	4.2	1.5	12	82
EW-11	-0.80	--	0.0	16.2	0.3	84	EW-11	--	--	0.0	18.8	0.6	81
EW-12	-0.60	--	0.0	18.8	0.7	83	EW-12	--	--	0.5	17.5	2.3	80
SW1	--	--	35.6	0.3	29	35	SW1	--	--	38.4	0.0	33	31
SW2	--	--	32.8	1.8	25	40	SW2	--	--	37.8	0.0	33	29
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	29.5	0.0	26	45	NW1	--	--	36.6	0.0	31	32
NW2	--	--	52.8	0.1	32	15	NW2	--	--	60.9	0.0	36	3
NW3	--	--	48.1	0.0	30	22	NW3	--	--	52.5	0.0	36	12
NW4	--	--	31.2	0.0	26	43	NW4	--	--	31.8	0.0	29	39
NW5	--	--	23.2	0.9	24	52	NW5	--	--	23.1	0.0	25	52
NW6	--	--	52.6	0.2	34	13	NW6	--	--	55.4	0.0	37	8
NW7	--	--	69.6	0.6	33	0	NW7	--	--	67.2	0.0	38	0
NW8	--	--	19.9	1.7	20	58	NW8	--	--	20.6	0.7	26	53
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	3.00	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

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Via Electronic and Certified Mail

March 10, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – February 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for February 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:car

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
G. Montfort
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 193 – February 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries).
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of February 2011 are presented as Attachment A of this report.

F. Planned Activities for the Next Reporting Period (March 2011)

- Develop Monthly Progress Report #193 summarizing activities in February 2011 for submission to the U.S. EPA; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (March 2011)

- March 10 - Anticipated submittal of the February 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

PAPER

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	02/10	U.S. EPA, et al.	Monthly Progress Report for the Month of January 2011.

dmi = de maximis, inc.
U.S. EPA = United States Environmental Protection Agency
SCS = SCS Engineers
VRAC = Valleycrest Removal Action Coalition

PAPER

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/16/2011

Subject: LFG Monitoring Summary - Week of 01/31/11 - 02/06/11

Summary: All CPs remained in compliance this week.
There were four (4) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 mins ON and 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 4, 2011 with temps of 30°F to 32°F and partly cloudy conditions.
Vacuum readings were last taken on January 18, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/31/2011	--	--	9:30	--	--	12:00	8:00	12:00	6.5
2/1/2011	--	--	8:00#	--	--	--	--	--	0.0
2/2/2011	--	--	--	--	1:00	5:00	--	--	4.0
2/3/2011	1:00	5:00	--	--	1:00	2:30#	--	--	5.5
2/4/2011	--	--	--	--	1:00	5:00	--	--	4.0
2/5/2011	1:00	5:00	--	--	1:00	4:00#	--	--	7.0
2/6/2011	--	--	--	--	1:00	2:00#	--	--	1.0
								Total Hrs. =	28.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/31/2011	--	--	--	--	--
2/1/2011	--	--	--	--	--
2/2/2011	--	--	--	--	--
2/3/2011	--	--	--	--	--
2/4/2011	GV, S&EW	2:00 - 5:30P	--	30.22 - 30.11	F
2/5/2011	CPs & TGP/GP	10:00A - 3:30P	0.0	--	--
2/6/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	31-Jan		1-Feb		2-Feb		3-Feb		4-Feb		5-Feb		6-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	14.6	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	15.7	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	1.1	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	14.4	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	12.3	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP-08	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-Deds	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	13.2	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	31-Jan		1-Feb		2-Feb		3-Feb		4-Feb		5-Feb		6-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	7.9	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	14.6	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	10.8	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	14.6	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	9.1	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	14.0	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 24 - Jan 30, 2011						Week of:	Jan 31 - Feb 06, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	26	12.7	0.3	23	64	GV1-1	–	42	15.4	0.0	15	70
GV1-2	–	22	20.5	5.0	23	52	GV1-2	–	34	28.4	0.0	28	44
GV1-3	–	34	23.3	0.2	28	49	GV1-3	–	40	25.6	0.0	26	48
GV1-4	–	36	25.7	0.1	26	48	GV1-4	–	40	29.7	0.3	30	40
GV1-5	–	38	22.2	0.0	25	53	GV1-5	–	42	30.4	0.0	30	40
GV1-6	–	34	24.2	0.2	24	52	GV1-6	–	48	30.1	0.3	30	40
GV1-7	–	42	3.6	1.5	19	76	GV1-7	–	42	16.7	0.0	17	66
GV1-8	–	40	13.2	0.4	22	64	GV1-8	–	48	15.1	0.0	15	70
GV1-9	–	38	11.8	0.0	22	66	GV1-9	–	42	2.2	0.0	20	78
GV1-10X	–	34	15.4	0.8	23	61	**GV1-10X**	–	50	17.8	0.0	18	64
GV1-11	–	32	19.4	0.3	23	57	GV1-11	–	42	17.1	0.0	17	66
GV1-12	–	32	17.5	0.6	23	59	GV1-12	–	42	17.8	0.0	18	64
GV1-13	–	34	6.2	0.0	19	75	GV1-13	–	42	14.5	0.0	15	71
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.6	11.5	7.5	80	GV1b-1	–	–	1.1	11.4	7.3	80
GV1b-2	–	36	14.7	3.3	19	63	GV1b-2	–	42	20.8	3.0	20	56
GV1b-3	–	32	7.9	6.8	14	71	GV1b-3	–	40	12.4	7.2	14	66
GV1b-4	–	38	1.7	9.1	10	79	GV1b-4	–	42	2.4	9.3	10	78
GV1b-5	–	32	2.2	2.8	16	79	GV1b-5	–	50	2.3	2.2	16	80
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	58	2.8	14.6	9.1	74	GV2-1	–	54	4.5	11.3	10	74
GV2-2	–	62	0.4	15.1	6.2	78	GV2-2	–	60	1.4	12.7	7.7	78
GV2-3	–	72	0.1	11.6	10	78	GV2-3	–	70	4.9	5.6	13	77
GV2-4	–	80	6.0	10.3	13	71	GV2-4	–	74	6.6	6.6	13	72
LEG 3	–	–	–	–		–	**LEG 3**	–	–	–	–		–
GV3-1	–	–	59.6	0.9	32	8	GV3-1	–	–	44.3	0.0	28	28
GV3-2	–	–	59.2	0.0	30	11	GV3-2	–	–	57.6	0.0	29	13
GV3-3	–	–	12.7	13.8	14	60	GV3-3	–	–	33.4	3.8	25	38
GV3-4	–	38	17.9	0.4	19	63	GV3-4	–	48	23.1	0.2	19	58
GV3-5	–	–	8.7	2.6	15	74	GV3-5	–	–	18.3	0.0	19	63
GV3-6	–	–	13.7	0.5	18	68	GV3-6	–	–	13.7	0.0	17	69
GV3-7	–	–	8.5	2.4	18	71	GV3-7	–	–	9.8	0.0	14	76
GV3-8	–	–	0.1	4.8	12	83	GV3-8	–	–	0.6	3.1	12	84
GV3-9	–	–	10.6	5.5	15	68	GV3-9	–	–	12.5	1.7	16	70
GV3-10 X	–	–	0.1	4.1	13	83	**GV3-10 X**	–	–	3.3	1.1	14	82
GV3-11	–	–	0.3	2.3	16	81	GV3-11	–	–	1.6	0.9	16	82
GV3-12	–	–	14.6	0.7	19	66	GV3-12	–	–	17.6	0.0	19	63
GV3-13	–	–	21.2	0.6	22	56	GV3-13	–	–	21.9	0.7	20	57
GV3-14	–	–	29.2	0.0	26	45	GV3-14	–	–	29.1	0.0	23	48
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	40	0.3	9.0	10	81	GV4-C	–	44	0.5	8.3	10	81
GV4-B	–	–	0.0	10.7	8.3	81	GV4-B	–	–	0.3	10.4	8.2	81
GV4-A	–	–	0.3	12.0	9.1	79	GV4-A	–	–	0.5	10.0	8.9	81
GV4-1	–	–	6.0	9.1	12	73	GV4-1	–	–	6.8	8.4	12	73
GV4-2	–	–	8.1	10.9	11	70	GV4-2	–	–	8.1	6.5	14	71
GV4-3	–	–	3.9	8.8	12	76	GV4-3	–	–	3.9	7.9	11	77
GV4-4 X	–	–	0.0	18.9	0.6	81	**GV4-4 X**	–	–	0.0	18.8	1.1	80
GV4-5	–	–	18.8	1.1	21	59	GV4-5	–	–	20.1	0.4	21	59
GV4-6	–	–	4.9	5.6	13	77	GV4-6	–	–	6.0	5.6	13	75
GV4-7	–	–	29.8	1.8	25	43	GV4-7	–	–	30.5	0.4	25	44
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	–	3.8	3.5	15	78	GV5-1	–	74	3.2	10.4	10	76
GV5-2	–	–	3.9	4.9	16	75	GV5-2	–	–	18.9	1.8	19	60
	–	–	2.5	6.8	11	80	GV5-3	–	–	7.3	1.3	17	74
GV5-4	–	–	0.0	10.9	6.8	82	GV5-4	–	–	1.6	4.6	11	83
GV5-5	–	–	3.0	2.6	17	77	GV5-5	–	–	4.7	1.3	19	75
GV5-6	–	–	5.7	0.6	21	73	GV5-6	–	–	4.8	0.8	19	75
GV5-7	–	–	5.6	0.7	20	74	GV5-7	–	–	4.6	1.0	19	75
GV5-8	–	–	9.4	0.1	20	71	GV5-8	–	–	11.2	0.0	21	68
GV5-9	–	–	13.4	0.0	21	66	GV5-9	–	–	14.6	0.0	21	64

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 24 - Jan 30, 2011						Week of:	Jan 31 - Feb 06, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	23.0	0.0	26	51	EW-1	--	--	23.8	0.6	26	50
EW-2	--	--	0.0	9.8	10	80	EW-2	--	--	0.0	12.3	8.5	79
EW-3	--	--	13.4	2.8	19	65	EW-3	--	--	15.9	2.2	19	63
EW-4	--	--	32.5	0.0	26	42	EW-4	--	--	32.2	0.0	27	41
EW-5	--	--	35.7	0.0	30	34	EW-5	--	--	37.3	0.0	27	36
EW-6	--	--	33.4	0.7	29	37	EW-6	--	--	33.9	0.0	28	38
EW-7	--	--	29.8	0.0	27	43	EW-7	--	--	28.3	0.0	27	45
EW-8	--	--	21.5	0.0	28	51	EW-8	--	--	27.5	0.0	26	47
EW-9	--	--	39.5	0.0	30	31	EW-9	--	--	39.4	0.0	30	31
EW-10	--	--	4.2	1.5	12	82	EW-10	--	--	4.9	1.1	12	82
EW-11	--	--	0.0	18.8	0.6	81	EW-11	--	--	6.0	10.0	12	72
EW-12	--	--	0.5	17.5	2.3	80	EW-12	--	--	4.2	16.2	4.7	75
SW1	--	--	38.4	0.0	33	31	SW1	--	--	40.3	0.0	33	27
SW2	--	--	37.8	0.0	33	29	SW2	--	--	38.4	0.0	32	30
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	36.6	0.0	31	32	NW1	--	--	33.3	0.0	29	38
NW2	--	--	60.9	0.0	36	3	NW2	--	--	54.7	0.0	35	10
NW3	--	--	52.5	0.0	36	12	NW3	--	--	54.2	0.0	35	11
NW4	--	--	31.8	0.0	29	39	NW4	--	--	37.4	0.0	29	34
NW5	--	--	23.1	0.0	25	52	NW5	--	--	28.3	0.0	27	45
NW6	--	--	55.4	0.0	37	8	NW6	--	--	53.9	0.0	37	9
NW7	--	--	67.2	0.0	36	0	NW7	--	--	65.6	0.0	36	0
NW8	--	--	20.6	0.7	28	53	NW8	--	--	27.2	0.0	26	47
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

3098-15

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/21/2011

Subject: LFG Monitoring Summary - Week of 02/07/11 - 02/13/11

Summary: All CPs remained in compliance this week.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 to 360 mins ON and 480 to 720 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 11, 2011 with temps of 18°F to 26°F and mostly cloudy conditions.
Vacuum readings were last taken on January 18, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/7/2011	--	--	--	--	1:00	5:00	--	--	4.0
2/8/2011	1:00	1:30#	--	--	1:00#	--	--	--	0.5
2/9/2011	--	--	8:30	9:30#	--	--	--	--	1.0
2/10/2011	--	--	9:00	10:30#	--	--	--	--	1.5
2/11/2011	--	7:30	--	--	--	1:30	7:30	12:00	10.5
2/12/2011	0:00	1:00#	--	--	2:00	8:00	--	--	7.0
2/13/2011	--	--	8:00	--	--	2:00	--	--	6.0
								Total Hrs. =	30.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/7/2011	--	--	--	--	--
2/8/2011	--	--	--	--	--
2/9/2011	--	--	--	--	--
2/10/2011	--	--	--	--	--
2/11/2011	GV, S&EW, CPs & TGP/GP	9:00A - 4:00P	0.0	30.18 - 30.05	F
2/12/2011		--	--	--	--
2/13/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Feb		8-Feb		9-Feb		10-Feb		11-Feb		12-Feb		13-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	8.9	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	5.1	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.8	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	20.9	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-D6	--	--	--	--	--	--	--	--	0.0	20.8	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.8	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	9.8	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.8	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	13.3	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Feb		8-Feb		9-Feb		10-Feb		11-Feb		12-Feb		13-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	8.4	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	11.6	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 31 - Feb 06, 2011						Week of:	Feb 07 - Feb 13, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	42	15.4	0.0	15	70	GV1-1	–	18	7.7	7.4	19	66
GV1-2	–	34	28.4	0.0	28	44	GV1-2	–	20	21.7	3.2	24	51
GV1-3	–	40	25.6	0.0	26	48	GV1-3	–	20	14.1	2.1	19	65
GV1-4	–	40	29.7	0.3	30	40	GV1-4	–	24	14.5	2.6	20	63
GV1-5	–	42	30.4	0.0	30	40	GV1-5	–	28	31.6	0.2	25	43
GV1-6	–	46	30.1	0.3	30	40	GV1-6	–	28	14.2	2.1	19	65
GV1-7	–	42	16.7	0.0	17	66	GV1-7	–	30	6.7	3.4	18	72
GV1-8	–	48	15.1	0.0	15	70	GV1-8	–	30	13.7	0.3	20	66
GV1-9	–	42	2.2	0.0	20	78	GV1-9	–	28	9.8	3.6	10	77
GV1-10X	–	50	17.8	0.0	18	64	**GV1-10X**	–	30	6.6	10.5	11	72
GV1-11	–	42	17.1	0.0	17	66	GV1-11	–	28	1.1	17.9	2.4	79
GV1-12	–	42	17.8	0.0	18	64	GV1-12	–	28	20.2	1.2	22	57
GV1-13	–	42	14.5	0.0	15	71	GV1-13	–	28	13.9	0.2	20	66
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	1.1	11.4	7.3	80	GV1b-1	–	–	0.7	11.4	7.8	80
GV1b-2	–	42	20.8	3.0	20	56	GV1b-2	–	32	14.5	2.7	18	65
GV1b-3	–	40	12.4	7.2	14	66	GV1b-3	–	26	6.8	8.2	12	73
GV1b-4	–	42	2.4	9.3	10	78	GV1b-4	–	30	2.1	9.7	10	78
GV1b-5	–	50	2.3	2.2	16	80	GV1b-5	–	30	2.2	3.3	15	80
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	54	4.6	11.3	10	74	GV2-1	–	48	3.1	13.0	9.1	75
GV2-2	–	60	1.4	12.7	7.7	78	GV2-2	–	56	0.3	16.4	4.8	79
GV2-3	–	70	4.9	5.8	13	77	GV2-3	–	68	0.1	12.2	10	78
GV2-4	–	74	8.6	6.6	13	72	GV2-4	–	78	6.1	9.5	11	73
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	44.3	0.0	28	28	GV3-1	–	–	49.7	1.1	28	23
GV3-2	–	–	57.8	0.0	29	13	GV3-2	–	–	57.3	0.2	26	17
GV3-3	–	–	33.4	3.8	25	38	GV3-3	–	–	18.5	8.5	18	55
GV3-4	–	48	23.1	0.2	19	58	GV3-4	–	48	17.3	1.3	17	64
GV3-5	–	–	18.3	0.0	19	63	GV3-5	–	–	3.5	4.4	12	80
GV3-6	–	–	13.7	0.0	17	69	GV3-6	–	–	12.5	0.4	15	72
GV3-7	–	–	9.8	0.0	14	76	GV3-7	–	–	13.2	1.5	17	68
GV3-8	–	–	0.6	3.1	12	84	GV3-8	–	–	0.4	3.5	11	85
GV3-9	–	–	12.5	1.7	16	70	GV3-9	–	–	11.5	3.5	14	71
GV3-10 X	–	–	3.3	1.1	14	82	**GV3-10 X**	–	–	0.3	3.7	11	85
GV3-11	–	–	1.6	0.9	16	82	GV3-11	–	–	1.3	1.8	14	83
GV3-12	–	–	17.6	0.0	19	63	GV3-12	–	–	15.6	0.1	18	66
GV3-13	–	–	21.9	0.7	20	57	GV3-13	–	–	18.6	2.2	18	61
GV3-14	–	–	29.1	0.0	23	48	GV3-14	–	–	28.3	0.0	21	53
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	44	0.5	8.3	10	81	GV4-C	–	32	0.1	9.7	9.1	81
GV4-B	–	–	0.3	10.4	8.2	81	GV4-B	–	–	0.0	11.2	7.2	82
GV4-A	–	–	0.5	10.0	8.9	81	GV4-A	–	–	0.2	9.9	7.8	82
GV4-1	–	–	6.8	8.4	12	73	GV4-1	–	–	5.1	10.1	10	75
GV4-2	–	–	8.1	6.5	14	71	GV4-2	–	–	8.7	12.3	10	69
GV4-3	–	–	3.9	7.9	11	77	GV4-3	–	–	4.2	9.1	10	77
GV4-4 X	–	–	0.0	18.8	1.1	80	**GV4-4 X**	–	–	0.0	16.6	1.9	82
GV4-5	–	–	20.1	0.4	21	59	GV4-5	–	–	17.5	1.0	19	63
GV4-6	–	–	6.0	5.6	13	75	GV4-6	–	–	5.3	6.0	12	77
GV4-7	–	–	30.5	0.4	25	44	GV4-7	–	–	30.8	1.0	23	45
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	74	3.2	10.4	10	76	GV5-1	–	48	2.7	8.9	10	78
GV5-2	–	–	18.9	1.8	19	60	GV5-2	–	–	19.5	1.2	20	59
	–	–	7.3	1.3	17	74	GV5-3	–	–	1.3	7.1	10	82
GV5-4	–	–	1.6	4.6	11	83	GV5-4	–	–	0.0	12.6	5.1	82
GV5-5	–	–	4.7	1.3	19	75	GV5-5	–	–	0.3	2.3	13	84
GV5-6	–	–	4.8	0.8	19	75	GV5-6	–	–	3.8	1.8	17	77
GV5-7	–	–	4.6	1.0	19	75	GV5-7	–	–	4.1	1.3	17	78
GV5-8	–	–	11.2	0.0	21	68	GV5-8	–	–	11.4	0.1	19	70
GV5-9	–	–	14.8	0.0	21	64	GV5-9	–	–	15.8	0.0	20	64

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 31 - Feb 06, 2011						Week of:	Feb 07 - Feb 13, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	23.8	0.6	26	50	EW-1	--	--	19.5	0.1	24	56
EW-2	--	--	0.0	12.3	8.5	79	EW-2	--	--	0.0	12.2	8.8	79
EW-3	--	--	15.9	2.2	19	63	EW-3	--	--	10.7	2.9	17	69
EW-4	--	--	32.2	0.0	27	41	EW-4	--	--	34.6	0.0	25	40
EW-5	--	--	37.3	0.0	27	36	EW-5	--	--	35.9	0.0	27	37
EW-6	--	--	33.9	0.0	28	38	EW-6	--	--	31.4	0.0	24	45
EW-7	--	--	28.3	0.0	27	45	EW-7	--	--	29.0	0.0	24	47
EW-8	--	--	27.5	0.0	28	47	EW-8	--	--	27.8	0.0	24	48
EW-9	--	--	39.4	0.0	30	31	EW-9	--	--	38.8	0.0	27	34
EW-10	--	--	4.9	1.1	12	82	EW-10	--	--	9.1	0.5	14	76
EW-11	--	--	6.0	10.0	12	72	EW-11	--	--	0.0	19.9	0.9	79
EW-12	--	--	4.2	16.2	4.7	75	EW-12	--	--	0.9	12.8	3.3	83
SW1	--	--	40.3	0.0	33	27	SW1	--	--	38.4	0.0	29	33
SW2	--	--	38.4	0.0	32	30	SW2	--	--	38.7	0.0	27	34
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	33.3	0.0	29	38	NW1	--	--	32.0	0.0	28	42
NW2	--	--	54.7	0.0	35	10	NW2	--	--	53.8	0.0	32	14
NW3	--	--	54.2	0.0	35	11	NW3	--	--	45.0	0.2	29	26
NW4	--	--	37.4	0.0	29	34	NW4	--	--	25.4	0.6	24	50
NW5	--	--	28.3	0.0	27	45	NW5	--	--	20.8	0.0	22	57
NW6	--	--	53.9	0.0	37	9	NW6	--	--	47.9	0.3	33	19
NW7	--	--	65.6	0.0	35	0	NW7	--	--	67.3	0.2	32	0
NW8	--	--	27.2	0.0	26	47	NW8	--	--	8.1	14.0	8.4	72
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/25/2011

Subject: LFG Monitoring Summary - Week of 02/14/11 - 02/20/11

Summary: All CPs remained in compliance this week.
There were two (2) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 mins ON and 720 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 17, 2011 with temps of 18°F to 26°F and mostly cloudy conditions.
Vacuum readings were last taken on January 18, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/14/2011	--	--	--	--	--	--	--	--	0.0
2/15/2011	--	--	--	--	1:30	--	--	7:30	6.0
2/16/2011	--	--	7:30	--	--	1:30	--	--	6.0
2/17/2011	1:30	7:30	--	--	--	--	7:30	12:00	10.5
2/18/2011	0:00	1:30	--	--	--	1:30	2:00#	--	2.0
2/19/2011	--	--	--	--	--	--	--	--	0.0
2/20/2011	--	--	--	--	1:30	7:30#	--	--	6.0
							Total Hrs. =		30.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/14/2011	--	--	--	--	--
2/15/2011	--	--	--	--	--
2/16/2011	--	--	--	--	--
2/17/2011	GV, S&EW	9:00A - 12:00P	--	30.05 - 29.99	F
2/18/2011	CPs & TGP/GP	9:00A - 1:30P	0.0	30.02 - 30.11	R
2/19/2011		--	--	--	--
2/20/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings In **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	14-Feb		15-Feb		16-Feb		17-Feb		18-Feb		19-Feb		20-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	–	–	–	–	–	–	–	–	0.0	18.8	–	–	–	–
CP1-2	–	–	–	–	–	–	–	–	0.0	12.1	–	–	–	–
CP1-3	–	–	–	–	–	–	–	–	0.0	8.0	–	–	–	–
CP1-4	–	–	–	–	–	–	–	–	0.0	8.1	–	–	–	–
CP1-5	–	–	–	–	–	–	–	–	0.0	16.4	–	–	–	–
CP1-7	–	–	–	–	–	–	–	–	0.0	17.8	–	–	–	–
CP1-9	–	–	–	–	–	–	–	–	0.0	17.1	–	–	–	–
CP1-11	–	–	–	–	–	–	–	–	0.0	18.2	–	–	–	–
CP1-13	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
GP-01 (for CP1-14)	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
GP-02 (for CP1b-1R)	–	–	–	–	–	–	–	–	0.0	19.8	–	–	–	–
CP1b-2R	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
CP1b-4R	–	–	–	–	–	–	–	–	0.0	17.4	–	–	–	–
CP1b-6R	–	–	–	–	–	–	–	–	0.0	16.3	–	–	–	–
TGP1b-E	–	–	–	–	–	–	–	–	0.0	18.2	–	–	–	–
TGP1b-A	–	–	–	–	–	–	–	–	0.0	19.6	–	–	–	–
TGP1b-F	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
TGP1b-B	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
TGP1b-G	–	–	–	–	–	–	–	–	0.0	19.0	–	–	–	–
TGP1b-C	–	–	–	–	–	–	–	–	0.0	18.3	–	–	–	–
TGP1b-H	–	–	–	–	–	–	–	–	0.0	20.1	–	–	–	–
TGP1b-D	–	–	–	–	–	–	–	–	0.0	20.3	–	–	–	–
GP-03	–	–	–	–	–	–	–	–	0.0	19.5	–	–	–	–
TGP-82	–	–	–	–	–	–	–	–	0.0	20.0	–	–	–	–
GP-04	–	–	–	–	–	–	–	–	0.0	20.3	–	–	–	–
TGP-83	–	–	–	–	–	–	–	–	0.0	20.1	–	–	–	–
CP2-1	–	–	–	–	–	–	–	–	0.0	20.4	–	–	–	–
CP2-2	–	–	–	–	–	–	–	–	0.0	20.6	–	–	–	–
CP2-4R	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
CP2-5R	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
CP-6R	–	–	–	–	–	–	–	–	0.0	19.0	–	–	–	–
CP2-7	–	–	–	–	–	–	–	–	0.0	19.8	–	–	–	–
CP2-9	–	–	–	–	–	–	–	–	0.0	20.6	–	–	–	–
TGP-06	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
TGP-East	–	–	–	–	–	–	–	–	0.0	20.6	–	–	–	–
TGP-Dads	–	–	–	–	–	–	–	–	0.0	20.5	–	–	–	–
CP3-1RR	–	–	–	–	–	–	–	–	0.0	20.1	–	–	–	–
CP3-2R	–	–	–	–	–	–	–	–	0.0	20.5	–	–	–	–
CP3-4R	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
CP3-5R	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
CP3-7R	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
CP3-8R	–	–	–	–	–	–	–	–	0.0	20.6	–	–	–	–
CP3-9	–	–	–	–	–	–	–	–	0.0	18.2	–	–	–	–
CP3-10R	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
CP3-12R	–	–	–	–	–	–	–	–	0.0	17.3	–	–	–	–
CP3-13R	–	–	–	–	–	–	–	–	0.0	14.8	–	–	–	–
CP3-14R	–	–	–	–	–	–	–	–	0.0	20.1	–	–	–	–
CP3-15R	–	–	–	–	–	–	–	–	0.0	19.7	–	–	–	–
TGP-89	–	–	–	–	–	–	–	–	0.0	20.0	–	–	–	–
CP4-A	–	–	–	–	–	–	–	–	0.0	17.9	–	–	–	–
CP4-B	–	–	–	–	–	–	–	–	0.0	17.2	–	–	–	–
CP4-C	–	–	–	–	–	–	–	–	0.0	17.8	–	–	–	–
CP4-1	–	–	–	–	–	–	–	–	0.0	17.6	–	–	–	–
CP4-2	–	–	–	–	–	–	–	–	0.0	14.3	–	–	–	–
CP4-3	–	–	–	–	–	–	–	–	0.0	16.2	–	–	–	–
CP4-4	–	–	–	–	–	–	–	–	0.0	15.6	–	–	–	–
CP4-6	–	–	–	–	–	–	–	–	0.0	14.3	–	–	–	–
CP5-1R	–	–	–	–	–	–	–	–	0.0	19.9	–	–	–	–
CP5-3R	–	–	–	–	–	–	–	–	0.0	17.9	–	–	–	–
CP5-4R	–	–	–	–	–	–	–	–	0.0	15.5	–	–	–	–
CP5-6	–	–	–	–	–	–	–	–	0.0	16.8	–	–	–	–
CP5-8	–	–	–	–	–	–	–	–	0.0	18.8	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	14-Feb		15-Feb		16-Feb		17-Feb		18-Feb		19-Feb		20-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	11.9	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 07 - Feb 13, 2011						Week of:	Feb 14 - Feb 20, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	18	7.7	7.4	19	66	GV1-1	--	48	1.5	17.0	3.2	78
GV1-2	--	20	21.7	3.2	24	51	GV1-2	--	42	20.5	3.8	21	55
GV1-3	--	20	14.1	2.1	19	65	GV1-3	--	46	17.6	1.6	20	61
GV1-4	--	24	14.5	2.8	20	63	GV1-4	--	50	21.5	0.6	23	55
GV1-5	--	28	31.6	0.2	25	43	GV1-5	--	52	23.4	0.4	23	53
GV1-6	--	28	14.2	2.1	19	65	GV1-6	--	56	9.3	1.9	17	72
GV1-7	--	30	8.7	3.4	18	72	GV1-7	--	54	9.4	2.1	17	72
GV1-8	--	30	13.7	0.3	20	66	GV1-8	--	52	7.9	2.6	17	73
GV1-9	--	28	9.8	3.6	10	77	GV1-9	--	52	6.9	3.1	16	74
GV1-10X	--	30	6.6	10.5	11	72	**GV1-10X**	--	54	10.1	2.3	17	71
GV1-11	--	28	1.1	17.9	2.4	79	GV1-11	--	52	0.4	19.3	0.8	80
GV1-12	--	28	20.2	1.2	22	57	GV1-12	--	46	11.8	1.7	19	68
GV1-13	--	28	13.9	0.2	20	66	GV1-13	--	50	8.4	0.0	18	74
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	11.4	7.8	80	GV1b-1	--	--	5.5	10.5	9.0	75
GV1b-2	--	32	14.5	2.7	18	65	GV1b-2	--	54	5.0	11.3	9.3	74
GV1b-3	--	28	6.8	8.2	12	73	GV1b-3	--	48	4.8	11.2	9.1	75
GV1b-4	--	30	2.1	9.7	10	78	GV1b-4	--	56	5.6	11.5	9.2	74
GV1b-5	--	30	2.2	3.3	15	80	GV1b-5	--	54	5.1	12.1	8.3	75
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	48	3.1	13.0	9.1	75	GV2-1	--	52	7.3	7.2	12	74
GV2-2	--	56	0.3	16.4	4.8	79	GV2-2	--	58	9.1	5.6	14	71
GV2-3	--	68	0.1	12.2	10	78	GV2-3	--	60	9.2	5.6	13	72
GV2-4	--	78	8.1	9.5	11	73	GV2-4	--	72	10.1	3.6	15	71
LEG 3	--	--	--	--		--	**LEG 3**	--	--	--	--		--
GV3-1	--	--	49.7	1.1	26	23	GV3-1	--	--	50.3	0.0	26	24
GV3-2	--	--	57.3	0.2	26	17	GV3-2	--	--	57.2	0.0	26	17
GV3-3	--	--	18.5	8.5	18	55	GV3-3	--	--	51.6	0.0	25	23
GV3-4	--	48	17.3	1.3	17	64	GV3-4	--	54	51.7	0.0	25	23
GV3-5	--	--	3.5	4.4	12	80	GV3-5	--	--	50.3	0.3	25	24
GV3-6	--	--	12.5	0.4	15	72	GV3-6	--	--	49.4	0.2	25	25
GV3-7	--	--	13.2	1.5	17	68	GV3-7	--	--	48.2	0.2	24	28
GV3-8	--	--	0.4	3.5	11	85	GV3-8	--	--	47.8	0.2	24	28
GV3-9	--	--	11.5	3.5	14	71	GV3-9	--	--	50.2	0.0	25	25
GV3-10 X	--	--	0.3	3.7	11	85	**GV3-10 X**	--	--	49.4	0.2	25	25
GV3-11	--	--	1.3	1.8	14	83	GV3-11	--	--	48.2	0.3	24	28
GV3-12	--	--	15.6	0.1	18	66	GV3-12	--	--	49.4	0.3	25	25
GV3-13	--	--	18.6	2.2	18	61	GV3-13	--	--	26.8	2.4	19	52
GV3-14	--	--	26.3	0.0	21	53	GV3-14	--	--	26.6	3.2	18	52
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	32	0.1	9.7	9.1	81	GV4-C	--	54	8.9	8.4	11	72
GV4-B	--	--	0.0	11.2	7.2	82	GV4-B	--	--	6.6	9.0	10	74
GV4-A	--	--	0.2	9.9	7.8	82	GV4-A	--	--	6.3	9.7	10	74
GV4-1	--	--	5.1	10.1	10	75	GV4-1	--	--	7.4	8.0	11	74
GV4-2	--	--	8.7	12.3	10	69	GV4-2	--	--	16.9	5.6	15	63
GV4-3	--	--	4.2	9.1	10	77	GV4-3	--	--	22.8	2.1	17	58
GV4-4 X	--	--	0.0	16.6	1.9	82	**GV4-4 X**	--	--	0.0	17.8	1.2	81
GV4-5	--	--	17.5	1.0	19	63	GV4-5	--	--	25.4	4.0	18	53
GV4-6	--	--	5.3	6.0	12	77	GV4-6	--	--	32.3	1.2	21	48
GV4-7	--	--	30.8	1.0	23	45	GV4-7	--	--	36.6	0.0	23	40
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	46	2.7	8.9	10	78	GV5-1	--	64	1.9	7.7	11	79
GV5-2	--	--	19.5	1.2	20	59	GV5-2	--	--	41.5	0.2	25	33
	--	--	1.3	7.1	10	82	GV5-3	--	--	9.3	2.7	16	72
GV5-4	--	--	0.0	12.6	5.1	82	GV5-4	--	--	7.6	0.3	18	74
GV5-5	--	--	0.3	2.3	13	84	GV5-5	--	--	7.9	0.1	18	74
GV5-6	--	--	3.8	1.8	17	77	GV5-6	--	--	8.3	0.0	18	74
GV5-7	--	--	4.1	1.3	17	78	GV5-7	--	--	8.7	0.0	18	73
GV5-8	--	--	11.4	0.1	19	70	GV5-8	--	--	15.1	5.6	15	64
GV5-9	--	--	15.8	0.0	20	64	GV5-9	--	--	17.1	5.3	16	62

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 07 - Feb 13, 2011						Week of:	Feb 14 - Feb 20, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	19.5	0.1	24	56	EW-1	--	--	2.9	15.6	5.1	76
EW-2	--	--	0.0	12.2	8.6	79	EW-2	--	--	0.0	16.5	4.9	79
EW-3	--	--	10.7	2.9	17	69	EW-3	--	--	23.2	0.6	19	57
EW-4	--	--	34.6	0.0	25	40	EW-4	--	--	40.7	0.0	25	34
EW-5	--	--	35.9	0.0	27	37	EW-5	--	--	39.8	0.0	24	36
EW-6	--	--	31.4	0.0	24	45	EW-6	--	--	32.5	0.0	23	45
EW-7	--	--	29.0	0.0	24	47	EW-7	--	--	34.3	0.0	23	43
EW-8	--	--	27.8	0.0	24	48	EW-8	--	--	40.9	0.0	26	33
EW-9	--	--	38.8	0.0	27	34	EW-9	--	--	39.1	0.0	25	36
EW-10	--	--	9.1	0.5	14	76	EW-10	--	--	19.8	4.8	17	58
EW-11	--	--	0.0	19.9	0.9	79	EW-11	--	--	4.1	13.0	7.7	75
EW-12	--	--	0.9	12.8	3.3	83	EW-12	--	--	0.0	20.6	0.4	79
SW1	--	--	38.4	0.0	29	33	SW1	--	--	41.3	0.0	26	33
SW2	--	--	38.7	0.0	27	34	SW2	--	--	40.3	0.0	26	34
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	32.0	0.0	26	42	NW1	--	--	53.3	0.0	30	17
NW2	--	--	53.8	0.0	32	14	NW2	--	--	47.6	0.0	30	22
NW3	--	--	45.0	0.2	28	26	NW3	--	--	45.1	0.0	29	26
NW4	--	--	25.4	0.6	24	50	NW4	--	--	22.0	1.5	21	56
NW5	--	--	20.8	0.0	22	57	NW5	--	--	48.1	0.0	29	23
NW6	--	--	47.9	0.3	33	19	NW6	--	--	38.6	0.0	31	30
NW7	--	--	67.3	0.2	32	0	NW7	--	--	67.3	0.0	31	2
NW8	--	--	6.1	14.0	8.4	72	NW8	--	--	11.5	9.7	13	66
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/28/2011

Subject: LFG Monitoring Summary - Week of 02/21/11 - 02/27/11

Summary: All CPs remained in compliance this week.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to 480 mins ON and 720 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 25, 2011 with temps of 31°F to 32°F and overcast conditions.
Vacuum readings were last taken on January 18, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/21/2011	--	--	11:30	--	--	5:30	--	--	6.0
2/22/2011	--	5:30	--	11:30	--	--	11:30	12:00	6.5
2/23/2011	0:00	1:00#	--	--	--	--	5:30	11:30	7.0
2/24/2011	--	--	11:30#	--	--	--	4:30	10:30	6.0
2/25/2011	--	--	10:30	11:30#	12:00	4:30	--	--	5.5
2/26/2011	--	4:30	--	--	--	12:30	11:30	12:00	8.5
2/27/2011	0:00	1:00#	11:30	--	--	5:30#	--	--	7.0
								Total Hrs. =	46.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/21/2011	--	--	--	--	--
2/22/2011	--	--	--	--	--
2/23/2011	--	--	--	--	--
2/24/2011	--	--	--	--	--
2/25/2011	GV, S&EW	12::00 - 3:30P	--	30.05 - 30.16	R
2/26/2011	CPs & TGP/GP	10:30A - 2:30P	0.0	30.10 - 29.98	F
2/27/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S, OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	21-Feb		22-Feb		23-Feb		24-Feb		25-Feb		26-Feb		27-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	9.9	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	12.9	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	12.3	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	9.0	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	12.4	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	13.7	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	13.0	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	14.5	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	13.2	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	21-Feb		22-Feb		23-Feb		24-Feb		25-Feb		26-Feb		27-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	9.8	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	15.7	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	9.0	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 14 - Feb 20, 2011						Week of:	Feb 21 - Feb 27, 2011					
Wellhead ID	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**	**Wellhead ID**	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	48	1.5	17.0	3.2	78	GV1-1	–	48	0.0	19.3	1.2	80
GV1-2	–	42	20.5	3.8	21	55	GV1-2	–	32	7.6	6.3	14	72
GV1-3	–	46	17.6	1.6	20	61	GV1-3	–	38	0.0	19.2	1.3	80
GV1-4	–	50	21.5	0.6	23	55	GV1-4	–	40	0.1	19.4	1.3	79
GV1-5	–	52	23.4	0.4	23	53	GV1-5	–	42	0.0	19.7	1.0	79
GV1-6	–	56	9.3	1.9	17	72	GV1-6	–	40	0.3	19.0	1.0	80
GV1-7	–	54	9.4	2.1	17	72	GV1-7	–	40	2.0	10.6	7.7	80
GV1-8	–	52	7.9	2.6	17	73	GV1-8	–	42	6.4	2.2	14	77
GV1-9	–	52	6.9	3.1	16	74	GV1-9	–	40	4.1	0.2	17	79
GV1-10X	–	54	10.1	2.3	17	71	**GV1-10X**	–	42	3.0	7.6	11	78
GV1-11	–	52	0.4	19.3	0.8	80	GV1-11	–	40	0.0	19.6	0.3	80
GV1-12	–	46	11.8	1.7	19	68	GV1-12	–	42	3.9	5.1	14	77
GV1-13	–	50	8.4	0.0	18	74	GV1-13	–	40	1.2	14.0	4.8	80
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	5.5	10.5	9.0	75	GV1b-1	–	–	1.0	15.4	4.6	79
GV1b-2	–	54	5.0	11.3	9.3	74	GV1b-2	–	42	11.7	5.8	13.0	70
GV1b-3	–	48	4.8	11.2	9.1	75	GV1b-3	–	40	6.9	11.4	8.1	74
GV1b-4	–	56	5.6	11.5	9.2	74	GV1b-4	–	42	1.4	13.3	5.7	80
GV1b-5	–	54	5.1	12.1	8.3	75	GV1b-5	–	42	2.1	2.0	14.0	82
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	52	7.3	7.2	12	74	GV2-1	–	52	2.9	13.1	8.1	76
GV2-2	–	58	9.1	5.6	14	71	GV2-2	–	60	1.4	12.9	7.3	78
GV2-3	–	60	9.2	5.6	13	72	GV2-3	–	64	13.1	3.1	14	70
GV2-4	–	72	10.1	3.6	15	71	GV2-4	–	78	8.5	5.4	13	73
LEG 3	–	–	–	–		–	**LEG 3**	–	–	–	–		–
GV3-1	–	–	50.3	0.0	26	24	GV3-1	–	–	10.5	8.6	11	70
GV3-2	–	–	57.2	0.0	26	17	GV3-2	–	–	10.3	8.8	11	70
GV3-3	–	–	51.6	0.0	25	23	GV3-3	–	–	8.3	10.6	10	71
GV3-4	–	54	51.7	0.0	25	23	GV3-4	–	42	18.3	5.4	14	62
GV3-5	–	–	50.3	0.3	25	24	GV3-5	–	–	6.5	3.7	12	78
GV3-6	–	–	49.4	0.2	25	25	GV3-6	–	–	12.8	1.6	14	72
GV3-7	–	–	48.2	0.2	24	28	GV3-7	–	–	11.1	2.9	10	76
GV3-8	–	–	47.8	0.2	24	28	GV3-8	–	–	13.5	4.6	13	69
GV3-9	–	–	50.2	0.0	25	25	GV3-9	–	–	13.3	6.6	12	68
GV3-10 X	–	–	49.4	0.2	25	25	**GV3-10 X**	–	–	10.0	2.3	11	77
GV3-11	–	–	48.2	0.3	24	28	GV3-11	–	–	5.2	4.1	12	79
GV3-12	–	–	49.4	0.3	25	25	GV3-12	–	–	10.4	8.5	12	69
GV3-13	–	–	26.8	2.4	19	52	GV3-13	–	–	19.7	5.0	16	59
GV3-14	–	–	26.6	3.2	18	52	GV3-14	–	–	24.6	2.3	18	55
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	54	8.9	8.4	11	72	GV4-C	–	42	1.1	8.9	10	82
GV4-B	–	–	6.8	9.0	10	74	GV4-B	–	–	1.7	9.8	8.6	80
GV4-A	–	–	6.3	9.7	10	74	GV4-A	–	–	1.3	5.1	10	84
GV4-1	–	–	7.4	8.0	11	74	GV4-1	–	–	2.7	14.8	2.9	80
GV4-2	–	–	16.9	5.6	15	63	GV4-2	–	–	12.1	6.1	14	68
GV4-3	–	–	22.8	2.1	17	58	GV4-3	–	–	7.2	5.5	13	74
GV4-4 X	–	–	0.0	17.6	1.2	81	**GV4-4 X**	–	–	0.0	17.3	1.5	81
GV4-5	–	–	25.4	4.0	18	53	GV4-5	–	–	21.3	3.0	19	57
GV4-6	–	–	32.3	1.2	21	46	GV4-6	–	–	11.9	3.8	14	70
GV4-7	–	–	36.6	0.0	23	40	GV4-7	–	–	20.4	0.6	18	61
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	64	1.9	7.7	11	79	GV5-1	–	48	34.5	2.7	17	46
GV5-2	–	–	41.5	0.2	25	33	GV5-2	–	–	48.9	0.7	26	24
	–	–	9.3	2.7	16	72	GV5-3	–	–	4.8	19.8	5.7	70
GV5-4	–	–	7.6	0.3	18	74	GV5-4	–	–	1.4	5.0	10	84
GV5-5	–	–	7.9	0.1	18	74	GV5-5	–	–	7.8	14.1	7.2	71
GV5-6	–	–	8.3	0.0	18	74	GV5-6	–	–	5.7	15.2	6.7	72
GV5-7	–	–	8.7	0.0	18	73	GV5-7	–	–	5.3	0.8	18	76
GV5-8	–	–	15.1	5.6	15	64	GV5-8	–	–	7.8	4.8	13	74
GV5-9	–	–	17.1	5.3	16	62	GV5-9	–	–	11.3	0.4	16	72

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 14 - Feb 20, 2011						Week of:	Feb 21 - Feb 27, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	2.9	15.6	5	76	EW-1	--	--	15.1	1.1	23	61
EW-2	--	--	0.0	16.5	4.9	79	EW-2	--	--	0.0	8.4	9.0	83
EW-3	--	--	23.2	0.6	19	57	EW-3	--	--	14.6	1.9	17	67
EW-4	--	--	40.7	0.0	25	34	EW-4	--	--	25.9	0.0	21	53
EW-5	--	--	39.8	0.0	24	36	EW-5	--	--	42.7	0.0	25	32
EW-6	--	--	32.5	0.0	23	45	EW-6	--	--	28.8	0.0	23	48
EW-7	--	--	34.3	0.0	23	43	EW-7	--	--	28.7	0.0	23	48
EW-8	--	--	40.9	0.0	26	33	EW-8	--	--	38.6	0.0	26	35
EW-9	--	--	39.1	0.0	25	36	EW-9	--	--	38.8	0.0	24	37
EW-10	--	--	19.8	4.8	17	58	EW-10	--	--	3.2	0.0	8.8	88
EW-11	--	--	4.1	13.0	7.7	75	EW-11	--	--	1.9	14.5	3.4	80
EW-12	--	--	0.0	20.6	0.4	79	EW-12	--	--	3.0	12.8	5.3	79
SW1	--	--	41.3	0.0	26	33	SW1	--	--	35.9	0.0	26	38
SW2	--	--	40.3	0.0	26	34	SW2	--	--	38.8	0.0	27	34
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	53.3	0.0	30	17	NW1	--	--	17.7	0.0	22	60
NW2	--	--	47.6	0.0	30	22	NW2	--	--	43.6	0.0	29	27
NW3	--	--	45.1	0.0	29	26	NW3	--	--	41.7	0.0	28	30
NW4	--	--	22.0	1.5	21	56	NW4	--	--	21.4	0.3	20	58
NW5	--	--	48.1	0.0	29	23	NW5	--	--	13.4	0.2	20	66
NW6	--	--	38.6	0.0	31	30	NW6	--	--	33.6	0.0	29	37
NW7	--	--	67.3	0.0	31	2	NW7	--	--	37.3	0.0	26	37
NW8	--	--	11.5	9.7	13	66	NW8	--	--	4.0	14.3	4.6	77
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

April 8, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – March 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for March 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:car

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
G. Montfort
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 194 – March 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries).
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of March 2011 are presented as Attachment A of this report.

F. Planned Activities for the Next Reporting Period (April 2011)

- Develop Monthly Progress Report #194 summarizing activities in March 2011 for submission to the U.S. EPA; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (April 2011)

- April 10 - Anticipated submittal of the March 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

PAPER

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	03/10	U.S. EPA, et al.	Monthly Progress Report for the Month of February 2011.

dmi = de maximis, inc.
U.S. EPA = United States Environmental Protection Agency
SCS = SCS Engineers
VRAC = Valleycrest Removal Action Coalition

PAPER

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/7/2011

Subject: LFG Monitoring Summary - Week of 02/28/11 - 03/06/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 mins ON and 720 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 3, 2011 with temps of 31°F to 40°F and overcast conditions.
Vacuum readings were taken during the week.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/28/2011	--	--	--	--	12:00	1:00#	--	--	1.0
3/1/2011	--	--	--	--	12:30	2:30	11:30	12:00	2.5
3/2/2011	0:00#	--	8:00	9:00#	--	--	--	--	1.0
3/3/2011	--	--	10:30	--	--	12:30	2:00	5:00#	5.0
3/4/2011.	--	--	9:30	--	--	1:30	9:30	12:00	6.5
3/5/2011	0:00#	--	11:30	--	--	1:30	9:30	12:00#	4.5
3/6/2011	--	--	--	--	2:00	6:00	--	--	4.0
								Total Hrs. =	24.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/28/2011	--	--	--	--	--
3/1/2011	--	--	--	--	--
3/2/2011	--	--	--	--	--
3/3/2011	GV, S&EW	9:30A - 12:30P	--	30.52 - 30.43	F
3/4/2011	CPs & TGP/GP	9:30A - 2:00P	--	30.05 - 30.16	R
3/5/2011	--	--	--	--	--
3/6/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-Feb		1-Mar		2-Mar		3-Mar		4-Mar		5-Mar		6-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-Feb		1-Mar		2-Mar		3-Mar		4-Mar		5-Mar		6-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	13.2	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 21 - Feb 27, 2011						Week of:	Feb 28 - Mar 06, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	-1.70	–	–	–	–	–
GV1-1	–	48	0.0	19.3	1.2	80	GV1-1	–	36	1.9	16.3	3.6	78
GV1-2	–	32	7.6	6.3	14	72	GV1-2	–	30	1.9	17.0	4.3	77
GV1-3	–	38	0.0	19.2	1.3	80	GV1-3	–	34	0.9	17.7	1.2	80
GV1-4	–	40	0.1	19.4	1.3	79	GV1-4	–	38	0.4	19.1	0.7	80
GV1-5	–	42	0.0	19.7	1.0	79	GV1-5	–	40	1.4	18.9	1.8	78
GV1-6	–	40	0.3	19.0	1.0	80	GV1-6	–	40	10.2	13.8	9.8	66
GV1-7	–	40	2.0	10.6	7.7	80	GV1-7	–	38	1.6	18.8	2.0	78
GV1-8	–	42	6.4	2.2	14	77	GV1-8	–	38	7.8	15.4	7.9	69
GV1-9	–	40	4.1	0.2	17	79	GV1-9	–	36	12.7	11.8	12	64
GV1-10X	–	42	3.0	7.6	11	78	**GV1-10X**	–	36	12.3	10.5	13	65
GV1-11	–	40	0.0	19.6	0.3	80	GV1-11	–	40	0.9	17.4	2.4	79
GV1-12	–	42	3.9	5.1	14	77	GV1-12	–	38	5.0	16.8	5.7	73
GV1-13	–	40	1.2	14.0	4.8	80	GV1-13	–	40	3.7	13.5	4.6	78
LEG 1b	–	–	–	–	–	–	**LEG 1b**	-0.90	–	–	–	–	–
GV1b-1	–	–	1.0	15.4	4.6	79	GV1b-1	–	–	0.6	17.5	3.0	79
GV1b-2	–	42	11.7	5.6	13.0	70	GV1b-2	–	36	3.6	13.7	8.0	75
GV1b-3	–	40	8.9	11.4	8.1	74	GV1b-3	–	34	1.3	16.6	3.7	78
GV1b-4	–	42	1.4	13.3	5.7	80	GV1b-4	–	38	1.0	15.0	4.9	79
GV1b-5	–	42	2.1	2.0	14.0	82	GV1b-5	–	40	1.3	2.3	13	83
LEG 2	–	–	–	–	–	–	**LEG 2**	-0.10	–	–	–	–	–
GV2-1	–	52	2.9	13.1	8.1	76	GV2-1	–	42	2.9	10.4	9.1	78
GV2-2	–	60	1.4	12.9	7.3	78	GV2-2	–	44	6.7	3.0	15	75
GV2-3	–	64	13.1	3.1	14	70	GV2-3	–	48	7.1	2.5	15	75
GV2-4	–	78	8.5	5.4	13	73	GV2-4	–	64	6.5	3.2	14	76
LEG 3	–	–	–	–		–	**LEG 3**	-0.20	–	–	–		–
GV3-1	–	–	10.5	8.6	11	70	GV3-1	–	–	41.1	0.1	23	36
GV3-2	–	–	10.3	8.8	11	70	GV3-2	–	–	56.5	0.0	25	19
GV3-3	–	–	8.3	10.6	10	71	GV3-3	–	–	42.6	0.3	23	34
GV3-4	–	42	18.3	5.4	14	62	GV3-4	–	42	42.5	0.8	22	35
GV3-5	–	–	6.5	3.7	12	78	GV3-5	–	–	37.4	1.1	21	41
GV3-6	–	–	12.8	1.6	14	72	GV3-6	–	–	22.0	0.3	18	60
GV3-7	–	–	11.1	2.9	10	76	GV3-7	–	–	11.7	5.7	10	73
GV3-8	–	–	13.5	4.6	13	69	GV3-8	–	–	15.7	2.5	15	67
GV3-9	–	–	13.3	8.6	12	68	GV3-9	–	–	16.4	1.1	16	67
GV3-10 X	–	–	10.0	2.3	11	77	**GV3-10 X**	–	–	10.1	5.4	12	73
GV3-11	–	–	5.2	4.1	12	79	GV3-11	–	–	8.2	7.3	10	75
GV3-12	–	–	10.4	8.5	12	69	GV3-12	–	–	9.7	5.9	13	71
GV3-13	–	–	19.7	5.0	16	59	GV3-13	–	–	5.7	12.1	7.0	75
GV3-14	–	–	24.6	2.3	18	55	GV3-14	–	–	33.0	0.7	21	45
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	-0.30	–	–	–	–	–
GV4-C	–	42	1.1	6.9	10	82	GV4-C	–	44	9.1	6.2	12	73
GV4-B	–	–	1.7	9.8	8.8	80	GV4-B	–	–	9.2	6.4	12	72
GV4-A	–	–	1.3	5.1	10	84	GV4-A	–	–	10.4	6.9	12	71
GV4-1	–	–	2.7	14.8	2.9	80	GV4-1	–	–	11.2	7.9	11	70
GV4-2	–	–	12.1	6.1	14	68	GV4-2	–	–	17.9	5.4	15	62
GV4-3	–	–	7.2	5.5	13	74	GV4-3	–	–	17.8	4.2	16	62
GV4-4 X	–	–	0.0	17.3	1.5	81	**GV4-4 X**	–	–	0.0	18.9	0.2	81
GV4-5	–	–	21.3	3.0	19	57	GV4-5	–	–	19.4	5.5	16	59
GV4-6	–	–	11.9	3.8	14	70	GV4-6	–	–	13.0	3.4	14	70
GV4-7	–	–	20.4	0.6	18	61	GV4-7	–	–	29.0	0.2	22	49
LEG 5	–	–	–	–	–	–	**LEG 5**	-0.50	–	–	–	–	–
GV5-1	–	48	34.5	2.7	17	46	GV5-1	–	48	2.4	8.4	8.0	81
GV5-2	–	–	48.9	0.7	26	24	GV5-2	–	–	0.0	10.2	7.9	82
GV5-3	–	–	4.8	19.8	5.7	70	GV5-3	–	–	0.0	17.3	2.1	81
GV5-4	–	–	1.4	5.0	10	84	GV5-4	–	–	0.0	18.7	2.0	79
GV5-5	–	–	7.8	14.1	7.2	71	GV5-5	–	–	0.0	12.4	4.8	83
GV5-6	–	–	5.7	15.2	6.7	72	GV5-6	–	–	0.0	13.3	5.8	81
GV5-7	–	–	5.3	0.6	18	76	GV5-7	–	–	0.0	14.0	5.2	81
GV5-8	–	–	7.8	4.8	13	74	GV5-8	–	–	12.4	4.1	15	69
GV5-9	–	–	11.3	0.4	16	72	GV5-9	–	–	15.4	1.1	18	66

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 21 - Feb 27, 2011						Week of:	Feb 28 - Mar 06, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	15.1	1.1	23	61	EW-1	-0.50	--	16.9	0.2	23	60
EW-2	--	--	0.0	8.4	9.0	83	EW-2	-0.40	--	0.0	10.7	7.8	82
EW-3	--	--	14.6	1.9	17	67	EW-3	-0.20	--	3.7	10.3	9	77
EW-4	--	--	25.9	0.0	21	53	EW-4	--	--	37.5	0.0	25	38
EW-5	--	--	42.7	0.0	25	32	EW-5	--	--	34.8	0.0	24	41
EW-6	--	--	28.8	0.0	23	48	EW-6	--	--	31.3	0.0	23	46
EW-7	--	--	28.7	0.0	23	48	EW-7	--	--	32.1	0.0	24	44
EW-8	--	--	38.6	0.0	26	35	EW-8	--	--	34.6	0.0	24	41
EW-9	--	--	38.8	0.0	24	37	EW-9	--	--	39.2	0.0	24	37
EW-10	--	--	3.2	0.0	8.8	88	EW-10	-0.30	--	9.1	0.9	13.0	77
EW-11	--	--	1.9	14.5	3.4	80	EW-11	-0.60	--	10.0	11.1	12.0	67
EW-12	--	--	3.0	12.8	5.3	79	EW-12	-0.40	--	1.1	11.6	5.6	82
SW1	--	--	35.9	0.0	26	38	SW1	--	--	33.3	0.0	23	44
SW2	--	--	38.8	0.0	27	34	SW2	--	--	36.2	0.0	25	39
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	17.7	0.0	22	60	NW1	--	--	20.8	0.0	23	56
NW2	--	--	43.6	0.0	29	27	NW2	--	--	42.2	0.0	29	29
NW3	--	--	41.7	0.0	28	30	NW3	--	--	48.0	0.0	30	22
NW4	--	--	21.4	0.3	20	58	NW4	--	--	25.0	0.8	22	52
NW5	--	--	13.4	0.2	20	66	NW5	--	--	17.8	0.2	21	61
NW6	--	--	33.6	0.0	29	37	NW6	--	--	37.8	0.0	31	31
NW7	--	--	37.3	0.0	26	37	NW7	--	--	53.0	0.0	29	18
NW8	--	--	4.0	14.3	4.8	77	NW8	--	--	2.2	16.3	3.4	78
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/18/2011

Subject: LFG Monitoring Summary - Week of 03/07/11 - 03/13/11

Summary: All CPs remained in compliance this week.
There were four (4) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 mins ON and 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 12, 2011 with temps of 44°F to 59°F and partly cloudy conditions.
Vacuum readings were last taken on March 5, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/7/2011	2:00	6:00#	--	--	--	--	7:00	11:00	8.0
3/8/2011	--	--	7:00	11:00	--	--	7:00	11:00	8.0
3/9/2011	--	--	7:00	11:00	--	--	7:00	11:00	8.0
3/10/2011	--	--	7:00	11:00	--	--	7:00	11:00	8.0
3/11/2011	--	--	7:00	11:00	--	--	7:00	9:30#	6.5
3/12/2011	--	--	10:00	--	--	1:00	7:00#	--	3.0
3/13/2011	--	--	10:00#	--	--	--	--	--	0.0
								Total Hrs. =	41.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/7/2011	--	--	--	--	--
3/8/2011	--	--	--	--	--
3/9/2011	--	--	--	--	--
3/10/2011	--	--	--	--	--
3/11/2011	CPs & TGP/GP	9:30A - 1:30P	--	29.78 - 29.68	F
3/12/2011	GV, S&EW	9:30A - 12:30P	--	29.70 - 29.65	F
3/13/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Mar		8-Mar		9-Mar		10-Mar		11-Mar		12-Mar		13-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	13.1	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Mar		8-Mar		9-Mar		10-Mar		11-Mar		12-Mar		13-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	10.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 28 - Mar 06, 2011						Week of:	Mar 07- Mar 13, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.70	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	36	1.9	16.3	3.6	78	GV1-1	–	30	7.0	1.1	19	73
GV1-2	–	30	1.9	17.0	4.3	77	GV1-2	–	28	16.0	1.5	21	62
GV1-3	–	34	0.9	17.7	1.2	80	GV1-3	–	32	4.5	2.9	14	79
GV1-4	–	36	0.4	19.1	0.7	80	GV1-4	–	34	5.0	5.2	15	75
GV1-5	–	40	1.4	16.9	1.8	78	GV1-5	–	36	25.5	0.3	24	50
GV1-6	–	40	10.2	13.8	9.8	66	GV1-6	–	40	2.5	4.9	13	80
GV1-7	–	38	1.6	18.8	2.0	78	GV1-7	–	38	2.7	11.5	15	71
GV1-8	–	38	7.8	15.4	7.9	69	GV1-8	–	38	5.6	1.9	17	76
GV1-9	–	36	12.7	11.6	12	64	GV1-9	–	38	0.7	3.0	18	80
GV1-10X	–	36	12.3	10.5	13	65	**GV1-10X**	–	38	5.4	1.7	18	75
GV1-11	–	40	0.9	17.4	2.4	79	GV1-11	–	38	10.0	0.0	18	72
GV1-12	–	38	5.0	16.8	5.7	73	GV1-12	–	34	10.9	0.0	18	71
GV1-13	–	40	3.7	13.5	4.6	78	GV1-13	–	40	3.8	0.0	14	82
LEG 1b	-0.90	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.6	17.5	3.0	79	GV1b-1	–	–	0.2	16.8	1.8	81
GV1b-2	–	36	3.6	13.7	8.0	75	GV1b-2	–	40	4.1	12.6	10	73
GV1b-3	–	34	1.3	16.6	3.7	78	GV1b-3	–	36	0.1	18.2	0.6	81
GV1b-4	–	38	1.0	15.0	4.9	79	GV1b-4	–	38	2.3	16.8	4.1	77
GV1b-5	–	40	1.3	2.3	13	83	GV1b-5	–	38	3.9	3.7	12	80
LEG 2	-0.10	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	42	2.9	10.4	9.1	78	GV2-1	–	46	2.9	15.8	6.0	75
GV2-2	–	44	6.7	3.0	15	75	GV2-2	–	56	0.0	18.6	2.9	79
GV2-3	–	48	7.1	2.5	15	75	GV2-3	–	60	0.4	12.8	9.3	78
GV2-4	–	64	6.6	3.2	14	76	GV2-4	–	76	4.9	10.5	10	75
LEG 3	-0.20	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	41.1	0.1	23	36	GV3-1	–	–	62.5	0.0	28	10
GV3-2	–	–	56.5	0.0	25	19	GV3-2	–	–	51.0	1.1	22	26
GV3-3	–	–	42.6	0.3	23	34	GV3-3	–	–	30.1	6.3	19	45
GV3-4	–	42	42.5	0.8	22	35	GV3-4	–	40	14.9	3.9	15	66
GV3-5	–	–	37.4	1.1	21	41	GV3-5	–	–	7.8	6.1	11	75
GV3-6	–	–	22.0	0.3	18	60	GV3-6	–	–	12.2	0.2	15	73
GV3-7	–	–	11.7	5.7	10	73	GV3-7	–	–	4.2	4.3	4.5	87
GV3-8	–	–	15.7	2.5	15	67	GV3-8	–	–	0.8	10.8	5.1	83
GV3-9	–	–	16.4	1.1	16	67	GV3-9	–	–	14.8	6.0	14	65
GV3-10 X	–	–	10.1	5.4	12	73	**GV3-10 X**	–	–	0.7	4.6	7.8	87
GV3-11	–	–	8.2	7.3	10	75	GV3-11	–	–	0.5	4.2	11	84
GV3-12	–	–	9.7	5.9	13	71	GV3-12	–	–	17.1	4.1	15	64
GV3-13	–	–	5.7	12.1	7.0	75	GV3-13	–	–	14.6	2.5	16	67
GV3-14	–	–	33.0	0.7	21	45	GV3-14	–	–	15.8	2.2	16	66
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	-0.30	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	44	9.1	6.2	12	73	GV4-C	–	42	0.2	12.6	6.4	81
GV4-B	–	–	9.2	6.4	12	72	GV4-B	–	–	0.0	12.9	6.0	81
GV4-A	–	–	10.4	6.9	12	71	GV4-A	–	–	0.4	12.0	4.7	83
GV4-1	–	–	11.2	7.9	11	70	GV4-1	–	–	7.0	13.9	6.2	73
GV4-2	–	–	17.9	5.4	15	62	GV4-2	–	–	17.1	7.3	15	61
GV4-3	–	–	17.8	4.2	16	62	GV4-3	–	–	3.2	9.6	10	77
GV4-4 X	–	–	0.0	18.9	0.2	81	**GV4-4 X**	–	–	0.0	19.3	0.4	80
GV4-5	–	–	19.4	5.5	16	59	GV4-5	–	–	18.4	1.3	19	61
GV4-6	–	–	13.0	3.4	14	70	GV4-6	–	–	3.5	5.2	13	78
GV4-7	–	–	29.0	0.2	22	49	GV4-7	–	–	21.5	4.3	19	55
LEG 5	-0.50	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	48	2.4	8.4	8.0	81	GV5-1	–	54	0.0	18.6	0.1	81
GV5-2	–	–	0.0	10.2	7.9	82	GV5-2	–	–	0.1	20.0	0.1	80
	–	–	0.0	17.3	2.1	81	GV5-3	–	–	0.0	19.8	0.2	80
GV5-4	–	–	0.0	18.7	2.0	79	GV5-4	–	–	0.0	19.4	0.7	80
GV5-5	–	–	0.0	12.4	4.6	83	GV5-5	–	–	0.0	18.1	1.4	81
GV5-6	–	–	0.0	13.3	5.8	81	GV5-6	–	–	0.0	16.6	3.7	80
GV5-7	–	–	0.0	14.0	5.2	81	GV5-7	–	–	0.0	13.0	7.3	80
GV5-8	–	–	12.4	4.1	15	69	GV5-8	–	–	8.3	1.7	17	73
GV5-9	–	–	15.4	1.1	18	66	GV5-9	–	–	13.7	0.3	18	68

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) *Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).*

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 28 - Mar 06, 2011						Week of:	Mar 07- Mar 13, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.50	--	16.9	0.2	23	60	EW-1	--	--	13.5	6.0	20	61
EW-2	-0.40	--	0.0	10.7	7.8	82	EW-2	--	--	0.0	13.5	5.7	81
EW-3	-0.20	--	3.7	10.3	9	77	EW-3	--	--	8.5	9.4	12	70
EW-4	--	--	37.5	0.0	25	38	EW-4	--	--	17.0	1.3	19	63
EW-5	--	--	34.8	0.0	24	41	EW-5	--	--	24.6	0.0	20	55
EW-6	--	--	31.3	0.0	23	46	EW-6	--	--	31.8	0.0	23	45
EW-7	--	--	32.1	0.0	24	44	EW-7	--	--	30.2	0.0	23	47
EW-8	--	--	34.6	0.0	24	41	EW-8	--	--	30.6	0.0	24	45
EW-9	--	--	39.2	0.0	24	37	EW-9	--	--	37.5	0.0	24	39
EW-10	-0.30	--	9.1	0.9	13.0	77	EW-10	--	--	1.3	5.2	8.2	85
EW-11	-0.60	--	10.0	11.1	12.0	67	EW-11	--	--	10.8	10.2	13	66
EW-12	-0.40	--	1.1	11.8	5.6	82	EW-12	--	--	2.7	16.0	5.1	76
SW1	--	--	33.3	0.0	23	44	SW1	--	--	30.4	0.1	24	46
SW2	--	--	36.2	0.0	25	39	SW2	--	--	32.6	0.0	23	44
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	20.8	0.0	23	56	NW1	--	--	10.1	1.1	19	70
NW2	--	--	42.2	0.0	29	29	NW2	--	--	37.5	0.0	27	36
NW3	--	--	48.0	0.0	30	22	NW3	--	--	41.9	0.0	28	30
NW4	--	--	25.0	0.8	22	52	NW4	--	--	16.8	0.3	17	67
NW5	--	--	17.8	0.2	21	61	NW5	--	--	11.1	0.0	19	70
NW6	--	--	37.8	0.0	31	31	NW6	--	--	30.3	0.0	28	42
NW7	--	--	53.0	0.0	29	18	NW7	--	--	70.7	0.0	28	1
NW8	--	--	2.2	16.3	3.4	78	NW8	--	--	12.7	10.6	10	67
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/21/2011

Subject: LFG Monitoring Summary - Week of 03/14/11 - 03/20/11

Summary: All CPs remained in compliance this week.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 mins ON and 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 17, 2011 with temps of 43°F to 57°F and mostly cloudy conditions.
Vacuum readings were last taken on March 5, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/14/2011	--	--	11:00	--	--	5:00	11:00	12:00	7.0
3/15/2011	0:00#	--	--	--	--	--	--	--	0.0
3/16/2011	--	--	11:00#	--	--	--	--	--	0.0
3/17/2011	--	--	7:00	--	--	1:00	7:00	12:00	11.0
3/18/2011	0:00#	--	9:30	--	--	3:30	9:30	10:00#	6.5
3/19/2011	--	--	6:30	--	--	12:30	6:30	7:00#	6.5
3/20/2011	--	--	7:30	--	--	12:30	6:30	12:00	10.5
								Total Hrs. =	41.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/14/2011	--	--	--	--	--
3/15/2011	--	--	--	--	--
3/16/2011	--	--	--	--	--
3/17/2011	GV, S&EW	9:00A - 12:00P	--	30.21 - 30.18	F
3/18/2011	CPs & TGP/GP	9:30A - 1:30P	0.0	29.78 - 29.68	F
3/19/2011	--	--	--	--	--
3/20/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	14-Mar		15-Mar		16-Mar		17-Mar		18-Mar		19-Mar		20-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP1b-8R	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	14-Mar		15-Mar		16-Mar		17-Mar		18-Mar		19-Mar		20-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	8.8	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-80	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	8.5	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--

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(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 07- Mar 13, 2011						Week of:	Mar 14- Mar 20, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	30	7.0	1.1	19	73	GV1-1	–	42	4.8	3.7	17	75
GV1-2	–	28	16.0	1.5	21	62	GV1-2	–	40	21.8	4.2	19	55
GV1-3	–	32	4.5	2.9	14	79	GV1-3	–	50	8.5	3.4	16	72
GV1-4	–	34	5.0	5.2	15	75	GV1-4	–	54	8.7	2.8	16	73
GV1-5	–	38	25.5	0.3	24	50	GV1-5	–	54	34.1	0.0	26	40
GV1-6	–	40	2.5	4.9	13	80	GV1-6	–	52	6.9	3.0	15	75
GV1-7	–	38	2.7	11.5	15	71	GV1-7	–	60	7.4	0.3	18	74
GV1-8	–	38	5.6	1.9	17	76	GV1-8	–	52	9.8	0.5	18	72
GV1-9	–	38	0.7	3.0	16	80	GV1-9	–	52	5.6	0.0	17	77
GV1-10X	–	38	5.4	1.7	18	75	**GV1-10X**	–	58	6.6	1.3	18	74
GV1-11	–	36	10.0	0.0	18	72	GV1-11	–	58	0.0	19.2	0.1	81
GV1-12	–	34	10.9	0.0	18	71	GV1-12	–	52	13.2	0.9	19	67
GV1-13	–	40	3.8	0.0	14	82	GV1-13	–	50	5.9	0.2	15	79
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.2	16.8	1.8	81	GV1b-1	–	–	0.7	16.4	3.7	79
GV1b-2	–	40	4.1	12.6	10	73	GV1b-2	–	54	5.7	9.0	10	75
GV1b-3	–	36	0.1	18.2	0.6	81	GV1b-3	–	58	1.9	17.0	2.9	78
GV1b-4	–	38	2.3	16.8	4.1	77	GV1b-4	–	58	3.5	12.5	6.0	78
GV1b-5	–	38	3.9	3.7	12	80	GV1b-5	–	56	2.8	9.6	7.0	81
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	46	2.9	15.6	6.0	75	GV2-1	–	58	3.3	12.1	8.7	76
GV2-2	–	66	0.0	18.6	2.9	79	GV2-2	–	62	1.1	9.4	8.4	81
GV2-3	–	60	0.4	12.6	9.3	78	GV2-3	–	68	3.4	3.3	13	80
GV2-4	–	76	4.9	10.5	10	75	GV2-4	–	76	2.5	5.0	11	82
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–		–
GV3-1	–	–	62.5	0.0	28	10	GV3-1	–	–	55.6	0.6	25	19
GV3-2	–	–	51.0	1.1	22	26	GV3-2	–	–	52.7	2.1	23	22
GV3-3	–	–	30.1	8.3	19	45	GV3-3	–	–	17.6	6.2	16	60
GV3-4	–	40	14.9	3.9	15	66	GV3-4	–	60	17.9	0.4	16	66
GV3-5	–	–	7.8	6.1	11	75	GV3-5	–	–	11.0	0.9	14	74
GV3-6	–	–	12.2	0.2	15	73	GV3-6	–	–	10.4	0.0	13	77
GV3-7	–	–	4.2	4.3	4.5	87	GV3-7	–	–	3.7	11.2	3.6	82
GV3-8	–	–	0.8	10.8	5.1	83	GV3-8	–	–	3.5	9.5	6.6	80
GV3-9	–	–	14.6	6.0	14	65	GV3-9	–	–	10.0	3.6	13	73
GV3-10 X	–	–	0.7	4.6	7.8	87	**GV3-10 X**	–	–	0.4	4.8	7.5	87
GV3-11	–	–	0.5	4.2	11	84	GV3-11	–	–	5.0	2.9	12	80
GV3-12	–	–	17.1	4.1	15	64	GV3-12	–	–	13.0	0.5	16	71
GV3-13	–	–	14.6	2.5	16	67	GV3-13	–	–	3.8	15.1	4.0	77
GV3-14	–	–	15.8	2.2	16	66	GV3-14	–	–	26.3	0.4	19	54
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	42	0.2	12.6	6.4	81	GV4-C	–	62	0.6	10.0	7.3	82
GV4-B	–	–	0.0	12.9	6.0	81	GV4-B	–	–	0.7	10.2	6.6	82
GV4-A	–	–	0.4	12.0	4.7	83	GV4-A	–	–	1.0	11.4	5.3	82
GV4-1	–	–	7.0	13.9	6.2	73	GV4-1	–	–	15.9	5.5	13	66
GV4-2	–	–	17.1	7.3	15	61	GV4-2	–	–	22.6	1.6	19	57
GV4-3	–	–	3.2	9.6	10	77	GV4-3	–	–	4.9	8.2	9.1	78
GV4-4 X	–	–	0.0	19.3	0.4	80	**GV4-4 X**	–	–	0.0	19.8	0.0	80
GV4-5	–	–	18.4	1.3	19	61	GV4-5	–	–	13.8	4.5	13	69
GV4-6	–	–	3.5	5.2	13	78	GV4-6	–	–	5.7	4.1	12	78
GV4-7	–	–	21.5	4.3	19	55	GV4-7	–	–	22.6	0.8	19	58
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	54	0.0	18.6	0.1	81	GV5-1	–	72	0.5	3.3	12	84
GV5-2	–	–	0.1	20.0	0.1	80	GV5-2	–	–	7.5	2.6	14	76
	–	–	0.0	19.8	0.2	80	GV5-3	–	–	1.3	8.8	7.6	82
GV5-4	–	–	0.0	19.4	0.7	80	GV5-4	–	–	0.2	9.6	5.9	84
GV5-5	–	–	0.0	18.1	1.4	81	GV5-5	–	–	1.3	0.3	15	83
GV5-6	–	–	0.0	16.6	3.7	80	GV5-6	–	–	0.1	5.9	11	83
GV5-7	–	–	0.0	13.0	7.3	80	GV5-7	–	–	0.3	1.6	14	84
GV5-8	–	–	8.3	1.7	17	73	GV5-8	–	–	10.8	0.0	16	73
GV5-9	–	–	13.7	0.3	18	68	GV5-9	–	–	16.6	0.0	17	66

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 07- Mar 13, 2011						Week of:	Mar 14- Mar 20, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	13.5	6.0	20	61	EW-1	--	--	17.1	0.9	17	65
EW-2	--	--	0.0	13.5	5.7	81	EW-2	--	--	0.0	10.9	6.8	82
EW-3	--	--	8.5	9.4	12	70	EW-3	--	--	8.8	3.7	13	75
EW-4	--	--	17.0	1.3	19	63	EW-4	--	--	26.1	0.0	19	55
EW-5	--	--	24.6	0.0	20	55	EW-5	--	--	29.6	0.0	21	49
EW-6	--	--	31.8	0.0	23	45	EW-6	--	--	28.7	0.0	21	50
EW-7	--	--	30.2	0.0	23	47	EW-7	--	--	25.8	0.0	20	54
EW-8	--	--	30.6	0.0	24	45	EW-8	--	--	26.8	0.0	21	52
EW-9	--	--	37.5	0.0	24	39	EW-9	--	--	36.0	0.0	23	41
EW-10	--	--	1.3	5.2	8.2	85	EW-10	--	--	4.8	0.2	9.4	86
EW-11	--	--	10.8	10.2	13	66	EW-11	--	--	7.1	9.2	11	73
EW-12	--	--	2.7	16.0	5.1	76	EW-12	--	--	2.1	11.3	6.0	81
SW1	--	--	30.4	0.1	24	46	SW1	--	--	33.4	0.0	24	43
SW2	--	--	32.6	0.0	23	44	SW2	--	--	34.7	0.0	24	41
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	10.1	1.1	19	70	NW1	--	--	18.7	0.0	21	60
NW2	--	--	37.5	0.0	27	36	NW2	--	--	41.0	0.0	27	32
NW3	--	--	41.9	0.0	28	30	NW3	--	--	43.5	0.0	26	31
NW4	--	--	15.8	0.3	17	67	NW4	--	--	21.1	0.0	19	60
NW5	--	--	11.1	0.0	19	70	NW5	--	--	18.5	0.0	20	62
NW6	--	--	30.3	0.0	28	42	NW6	--	--	63.8	0.0	31	5
NW7	--	--	70.7	0.0	28	1	NW7	--	--	63.1	0.0	30	7
NW8	--	--	12.7	10.6	10	67	NW8	--	--	5.3	15.1	5.3	74
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/31/2011

Subject: LFG Monitoring Summary - Week of 03/21/11 - 03/27/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failure due to low methane or other issues.
Flare operating cycles were 360 mins ON and 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 25, 2011 with temps of 31°F to 37°F and mostly cloudy conditions.
Vacuum readings were last taken on March 5, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/21/2011	--	--	--	--	--	--	6:30	12:00	5.5
3/22/2011	0:00	0:30	6:30	--	--	12:30	6:30	12:00	12.0
3/23/2011	0:00	0:30	6:30	--	--	12:30	6:30	7:00#	7.0
3/24/2011	--	--	9:00	9:30#	--	--	--	--	0.5
3/25/2011	--	--	10:00	11:00#	1:00#	--	--	--	1.0
3/26/2011	--	--	7:00	10:00#	--	--	--	--	3.0
3/27/2011	--	--	10:00	11:00#	--	--	--	--	1.0
								Total Hrs. =	30.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/21/2011	--	--	--	--	--
3/22/2011	--	--	--	--	--
3/23/2011	--	--	--	--	--
3/24/2011	CPs & TGP/GP	10:00A - 2:30P	0.0	29.97 - 30.06	R
3/25/2011	GV, S&EW	10:00A - 1:00P	--	30.07 - 30.06	S
3/26/2011	--	--	--	--	--
3/27/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	21-Mar		22-Mar		23-Mar		24-Mar		25-Mar		26-Mar		27-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	16.7	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.5	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	14.1	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	12.0	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	16.7	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	16.7	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling Instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	21-Mar		22-Mar		23-Mar		24-Mar		25-Mar		26-Mar		27-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	10.1	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	13.9	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	9.5	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	14.1	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	16.7	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 14- Mar 20, 2011						Week of:	Mar 21- Mar 27, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	42	4.8	3.7	17	75	GV1-1	--	38	2.8	0.7	17	80
GV1-2	--	40	21.8	4.2	19	55	GV1-2	--	32	16.0	8.0	16	60
GV1-3	--	50	8.5	3.4	16	72	GV1-3	--	34	2.4	5.3	14	78
GV1-4	--	54	8.7	2.8	16	73	GV1-4	--	38	2.4	4.4	14	79
GV1-5	--	54	34.1	0.0	26	40	GV1-5	--	40	5.5	4.8	14	76
GV1-6	--	52	6.9	3.0	15	75	GV1-6	--	42	2.4	4.6	14	79
GV1-7	--	60	7.4	0.3	18	74	GV1-7	--	42	2.8	1.0	17	79
GV1-8	--	52	9.8	0.5	18	72	GV1-8	--	42	4.5	0.8	17	78
GV1-9	--	62	5.6	0.0	17	77	GV1-9	--	40	0.8	1.4	16	82
GV1-10X	--	58	6.6	1.3	18	74	**GV1-10X**	--	42	3.1	4.8	14	78
GV1-11	--	56	0.0	19.2	0.1	81	GV1-11	--	40	0.1	1.8	0.1	98
GV1-12	--	52	13.2	0.9	19	67	GV1-12	--	40	7.9	1.2	18	73
GV1-13	--	50	5.9	0.2	15	79	GV1-13	--	40	4.1	0.3	15	81
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	16.4	3.7	79	GV1b-1	--	--	0.4	15.7	2.7	81
GV1b-2	--	54	5.7	9.0	10	75	GV1b-2	--	36	3.0	12.1	8.8	76
GV1b-3	--	58	1.9	17.0	2.9	78	GV1b-3	--	40	0.8	17.7	2.3	79
GV1b-4	--	58	3.5	12.5	6.0	78	GV1b-4	--	40	1.1	15.4	4.7	79
GV1b-5	--	56	2.8	9.6	7.0	81	GV1b-5	--	42	2.4	8.2	10	81
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	58	3.3	12.1	8.7	78	GV2-1	--	60	2.5	14.7	6.1	77
GV2-2	--	62	1.1	9.4	8.4	81	GV2-2	--	60	0.2	15.9	4.9	79
GV2-3	--	68	3.4	3.3	13	80	GV2-3	--	66	0.1	9.6	10	80
GV2-4	--	76	2.5	5.0	11	82	GV2-4	--	78	1.9	8.6	11	79
LEG 3	--	--	--	--		--	**LEG 3**	--	--	--	--		--
GV3-1	--	--	55.6	0.6	25	19	GV3-1	--	--	29.7	1.5	20	49
GV3-2	--	--	52.7	2.1	23	22	GV3-2	--	--	57.0	0.5	26	17
GV3-3	--	--	17.6	8.2	16	60	GV3-3	--	--	1.1	16.4	4.5	78
GV3-4	--	60	17.9	0.4	16	66	GV3-4	--	44	3.5	4.8	13	79
GV3-5	--	--	11.0	0.9	14	74	GV3-5	--	--	4.6	5.6	11	79
GV3-6	--	--	10.4	0.0	13	77	GV3-6	--	--	6.1	1.0	14	79
GV3-7	--	--	3.7	11.2	3.6	82	GV3-7	--	--	0.1	16.3	2.6	81
GV3-8	--	--	3.5	9.5	6.6	80	GV3-8	--	--	0.2	5.5	12	82
GV3-9	--	--	10.0	3.6	13	73	GV3-9	--	--	6.1	4.6	12	75
GV3-10 X	--	--	0.4	4.8	7.5	87	**GV3-10 X**	--	--	0.2	5.1	8.6	86
GV3-11	--	--	5.0	2.9	12	80	GV3-11	--	--	1.1	6.1	11	82
GV3-12	--	--	13.0	0.5	16	71	GV3-12	--	--	7.8	4.6	14	74
GV3-13	--	--	3.8	15.1	4.0	77	GV3-13	--	--	5.3	8.7	10	76
GV3-14	--	--	26.3	0.4	19	54	GV3-14	--	--	25.3	1.8	19	54
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	62	0.6	10.0	7.3	82	GV4-C	--	44	0.3	10.1	7.1	83
GV4-B	--	--	0.7	10.2	6.8	82	GV4-B	--	--	0.0	11.7	6.5	82
GV4-A	--	--	1.0	11.4	5.3	82	GV4-A	--	--	0.4	13.3	4.9	81
GV4-1	--	--	15.9	5.5	13	66	GV4-1	--	--	10.4	7.8	12	70
GV4-2	--	--	22.6	1.6	19	57	GV4-2	--	--	24.6	3.1	18	54
GV4-3	--	--	4.9	8.2	9.1	78	GV4-3	--	--	1.8	10.2	8.2	80
GV4-4 X	--	--	0.0	19.8	0.0	80	**GV4-4 X**	--	--	0.0	19.8	0.1	80
GV4-5	--	--	13.8	4.5	13	69	GV4-5	--	--	10.3	4.8	16	69
GV4-6	--	--	5.7	4.1	12	78	GV4-6	--	--	1.7	8.4	10	80
GV4-7	--	--	22.5	0.8	19	58	GV4-7	--	--	14.7	5.2	17	63
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	72	0.5	3.3	12	84	GV5-1	--	60	0.0	17.3	2.4	80
GV5-2	--	--	7.5	2.8	14	76	GV5-2	--	--	0.1	17.6	2.6	80
	--	--	1.3	8.8	7.6	82	GV5-3	--	--	0.0	15.0	5.3	80
GV5-4	--	--	0.2	9.6	5.9	84	GV5-4	--	--	0.0	16.9	3.2	80
GV5-5	--	--	1.3	0.3	15	83	GV5-5	--	--	0.1	11.5	7.7	81
GV5-6	--	--	0.1	5.9	11	83	GV5-6	--	--	0.0	11.4	8.2	80
GV5-7	--	--	0.3	1.6	14	84	GV5-7	--	--	0.1	10.9	8.6	80
GV5-8	--	--	10.8	0.0	16	73	GV5-8	--	--	2.3	4.5	14	79
GV5-9	--	--	16.6	0.0	17	66	GV5-9	--	--	6.9	1.1	16	76

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 14- Mar 20, 2011						Week of:	Mar 21- Mar 27, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	–	–	17.1	0.9	17	65	EW-1	–	–	19.6	0.7	19	61
EW-2	–	–	0.0	10.9	6.8	82	EW-2	–	–	0.0	12.6	6.8	81
EW-3	–	–	8.8	3.7	13	75	EW-3	–	–	5.8	7.7	11	76
EW-4	–	–	26.1	0.0	19	55	EW-4	–	–	23.3	0.0	21	56
EW-5	–	–	29.6	0.0	21	49	EW-5	–	–	26.4	0.0	22	52
EW-6	–	–	28.7	0.0	21	50	EW-6	–	–	30.5	0.0	23	47
EW-7	–	–	25.8	0.0	20	54	EW-7	–	–	29.2	0.0	21	50
EW-8	–	–	26.8	0.0	21	52	EW-8	–	–	30.1	0.0	23	47
EW-9	–	–	36.0	0.0	23	41	EW-9	–	–	35.9	0.0	25	39
EW-10	–	–	4.8	0.2	9.4	86	EW-10	–	–	2.6	0.7	10	87
EW-11	–	–	7.1	9.2	11	73	EW-11	–	–	9.6	3.4	16	71
EW-12	–	–	2.1	11.3	6.0	81	EW-12	–	–	1.2	13.6	5.8	80
SW1	–	–	33.4	0.0	24	43	SW1	–	–	32.1	0.0	25	43
SW2	–	–	34.7	0.0	24	41	SW2	–	–	34.1	0.0	24	42
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	18.7	0.0	21	60	NW1	–	–	11.2	0.0	19	70
NW2	–	–	41.0	0.0	27	32	NW2	–	–	34.4	0.0	26	40
NW3	–	–	43.5	0.0	26	31	NW3	–	–	36.7	0.0	25	38
NW4	–	–	21.1	0.0	19	60	NW4	–	–	16.3	0.2	19	65
NW5	–	–	18.5	0.0	20	62	NW5	–	–	9.1	0.0	18	73
NW6	–	–	63.8	0.0	31	5	NW6	–	–	30.5	0.0	28	42
NW7	–	–	63.1	0.0	30	7	NW7	–	–	58.8	0.0	27	14
NW8	–	–	5.3	15.1	5.3	74	NW8	–	–	15.5	0.4	19	65
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.90	–	–	–	–	FLARE 90	–	2.90	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

May 10, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – April 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for April 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
G. Montfort
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 195 – April 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries); and,
  - In an e-mail dated April 11, 2011 U.S. EPA was notified of the annual flare influent gas sampling schedule.
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of April 2011 are presented as Attachment A of this report.

F. Planned Activities for the Next Reporting Period (May 2011)

- Develop Monthly Progress Report #195 summarizing activities in April 2011 for submission to the U.S. EPA;
- Perform the 2nd quarter 2011 combustible gas indicator (CGI) checks;
- Collect the annual flare influent sample; and,
- Continue LGAS operation and performance monitoring.

PAPER

G. Schedule of Significant Activities and Deliverables (April 2011)

- May 9 - Perform the 2nd quarter CGI checks;
- May 9 - Collect the annual flare influent sample; and,
- May 10 - Anticipated submittal of the April 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	04/08	U.S. EPA, et al.	Monthly Progress Report for the Month of March 2011; and,
dmi e-mail	04/11	U.S. EPA, et al	Notice – Annual Flare Influent Gas Sampling.

dmi = de maximis, inc.
U.S. EPA = United States Environmental Protection Agency
SCS = SCS Engineers
VRAC = Valleycrest Removal Action Coalition

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ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/8/2011

Subject: LFG Monitoring Summary - Week of 03/28/11 - 04/03/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failure due to low methane or other issues.
Flare operating cycles were 360 mins ON and 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 1, 2011 with temps of 33°F to 49°F and scattered clouds.
Vacuum readings were last taken on March 5, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/28/2011	--	--	--	--	12:00	4:00	--	--	4.0
3/29/2011	0:00#	--	--	--	--	--	--	--	0.0
3/30/2011	--	--	10:00	--	--	1:00#	--	--	3.0
3/31/2011	--	--	7:30	--	--	1:30	7:30	12:00	10.5
4/1/2011	0:00#	--	7:30	--	--	1:30	7:30#	--	6.0
4/2/2011	--	--	9:30#	--	--	--	7:30	8:00#	0.5
4/3/2011	--	--	9:00	--	--	1:30	7:30	12:00	9.0
								Total Hrs. =	33.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/28/2011	--	--	--	--	--
3/29/2011	--	--	--	--	--
3/30/2011	--	--	--	--	--
3/31/2011	--	--	--	--	--
4/1/2011	GV, S&EW	9:30A - 1:00P	--	29.70 - 29.68	F
4/2/2011	CPs & TGP/GP	10:00A - 2:00P	0.0	29.76 - 29.85	R
4/3/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.,
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-Mar		29-Mar		30-Mar		31-Mar		1-Apr		2-Apr		3-Apr	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	12.8	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	13.8	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	14.2	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-Mar		29-Mar		30-Mar		31-Mar		1-Apr		2-Apr		3-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	14.5	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	13.3	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	10.0	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	9.0	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	10.7	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	13.8	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	14.0	--	--

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(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 21- Mar 27, 2011						Week of:	Mar 28- Apr 03, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	36	2.6	0.7	17	80	GV1-1	–	44	2.1	4.1	14	80
GV1-2	–	32	16.0	8.0	16	60	GV1-2	–	40	27.4	1.3	23	48
GV1-3	–	34	2.4	5.3	14	78	GV1-3	–	46	26.7	0.0	24	49
GV1-4	–	38	2.4	4.4	14	79	GV1-4	–	58	30.8	0.0	24	45
GV1-5	–	40	5.5	4.6	14	76	GV1-5	–	58	27.8	0.0	23	49
GV1-6	–	42	2.4	4.5	14	79	GV1-6	–	58	25.4	0.2	22	52
GV1-7	–	42	2.6	1.0	17	79	GV1-7	–	58	10.9	2.6	17	70
GV1-8	–	42	4.5	0.8	17	78	GV1-8	–	54	11.1	0.0	18	71
GV1-9	–	40	0.8	1.4	16	82	GV1-9	–	52	8.2	0.0	18	74
GV1-10X	–	42	3.1	4.8	14	78	**GV1-10X**	–	84	11.8	0.2	20	68
GV1-11	–	40	0.1	1.8	0.1	98	GV1-11	–	60	1.0	16.5	2.4	80
GV1-12	–	40	7.9	1.2	18	73	GV1-12	–	60	13.6	0.2	19	67
GV1-13	–	40	4.1	0.3	15	81	GV1-13	–	54	9.3	0.0	17	74
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.4	15.7	2.7	81	GV1b-1	–	–	0.6	18.1	2.6	81
GV1b-2	–	36	3.0	12.1	8.8	76	GV1b-2	–	66	4.7	12.2	7.7	75
GV1b-3	–	40	0.8	17.7	2.3	79	GV1b-3	–	54	0.9	18.7	1.1	79
GV1b-4	–	40	1.1	15.4	4.7	79	GV1b-4	–	62	0.8	14.6	4.4	80
GV1b-5	–	42	2.4	6.2	10	81	GV1b-5	–	62	3.3	2.2	11	84
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	50	2.5	14.7	6.1	77	GV2-1	–	60	2.3	15.3	4.8	78
GV2-2	–	60	0.2	15.9	4.9	79	GV2-2	–	62	0.3	17.1	3.7	79
GV2-3	–	68	0.1	9.8	10	80	GV2-3	–	70	1.2	10.8	9.0	79
GV2-4	–	78	1.9	8.6	11	79	GV2-4	–	78	3.5	9.7	9.1	78
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	29.7	1.5	20	49	GV3-1	–	–	53.9	0.0	26	21
GV3-2	–	–	57.0	0.5	26	17	GV3-2	–	–	54.8	1.5	23	21
GV3-3	–	–	1.1	16.4	4.5	78	GV3-3	–	–	5.0	14.7	5.6	75
GV3-4	–	44	3.5	4.8	13	79	GV3-4	–	68	9.5	4.4	14	72
GV3-5	–	–	4.6	5.6	11	79	GV3-5	–	–	4.0	6.7	10	79
GV3-6	–	–	6.1	1.0	14	79	GV3-6	–	–	5.7	0.3	13	81
GV3-7	–	–	0.1	18.3	2.6	81	GV3-7	–	–	0.2	15.1	3.7	81
GV3-8	–	–	0.2	5.5	12	82	GV3-8	–	–	2.3	4.1	11	83
GV3-9	–	–	8.1	4.6	12	75	GV3-9	–	–	10.1	3.6	12	74
GV3-10 X	–	–	0.2	5.1	8.6	86	**GV3-10 X**	–	–	0.4	4.3	8.5	87
GV3-11	–	–	1.1	6.1	11	82	GV3-11	–	–	0.6	3.1	12	84
GV3-12	–	–	7.8	4.6	14	74	GV3-12	–	–	8.1	3.7	13	75
GV3-13	–	–	5.3	8.7	10	76	GV3-13	–	–	6.0	10.6	7.7	76
GV3-14	–	–	25.3	1.8	19	54	GV3-14	–	–	28.6	0.3	19	52
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	44	0.3	10.1	7.1	83	GV4-C	–	60	0.3	10.5	6.5	83
GV4-B	–	–	0.0	11.7	6.5	82	GV4-B	–	–	0.4	11.3	6.2	82
GV4-A	–	–	0.4	13.3	4.9	81	GV4-A	–	–	0.3	14.8	4.2	81
GV4-1	–	–	10.4	7.8	12	70	GV4-1	–	–	6.9	10.8	7.9	75
GV4-2	–	–	24.6	3.1	18	54	GV4-2	–	–	28.4	3.7	18	52
GV4-3	–	–	1.6	10.2	8.2	80	GV4-3	–	–	2.2	10.7	7.6	80
GV4-4 X	–	–	0.0	19.6	0.1	80	**GV4-4 X**	–	–	0.0	18.9	0.0	81
GV4-5	–	–	10.3	4.8	18	69	GV4-5	–	–	12.8	1.8	18	69
GV4-6	–	–	1.7	8.4	10	80	GV4-6	–	–	1.5	10.2	8.4	80
GV4-7	–	–	14.7	5.2	17	63	GV4-7	–	–	18.9	5.0	18	80
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	60	0.0	17.3	2.4	80	GV5-1	–	68	0.1	12.5	5.3	82
GV5-2	–	–	0.1	17.6	2.6	80	GV5-2	–	–	0.1	11.8	6.0	82
	–	–	0.0	15.0	5.3	80	GV5-3	–	–	0.2	16.8	2.4	81
GV5-4	–	–	0.0	16.9	3.2	80	GV5-4	–	–	0.0	13.7	3.9	82
GV5-5	–	–	0.1	11.5	7.7	81	GV5-5	–	–	0.1	5.2	9.1	86
GV5-6	–	–	0.0	11.4	8.2	80	GV5-6	–	–	0.1	11.9	6.7	81
GV5-7	–	–	0.1	10.9	8.6	80	GV5-7	–	–	0.1	12.4	6.1	81
GV5-8	–	–	2.3	4.5	14	79	GV5-8	–	–	0.3	6.0	12	82
GV5-9	–	–	6.9	1.1	16	76	GV5-9	–	–	8.5	0.0	16	76

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 21- Mar 27, 2011						Week of:	Mar 28- Apr 03, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	19.6	0.7	19	61	EW-1	--	--	27.9	0.8	19	52
EW-2	--	--	0.0	12.6	6.6	81	EW-2	--	--	0.0	10.2	7.7	82
EW-3	--	--	5.8	7.7	11	76	EW-3	--	--	9.8	5.1	12	73
EW-4	--	--	23.3	0.0	21	56	EW-4	--	--	20.6	0.0	19	60
EW-5	--	--	28.4	0.0	22	52	EW-5	--	--	34.5	0.0	23	43
EW-6	--	--	30.5	0.0	23	47	EW-6	--	--	26.4	0.0	21	53
EW-7	--	--	29.2	0.0	21	50	EW-7	--	--	24.5	0.0	21	55
EW-8	--	--	30.1	0.0	23	47	EW-8	--	--	25.4	0.0	21	54
EW-9	--	--	35.9	0.0	25	39	EW-9	--	--	34.8	0.0	24	41
EW-10	--	--	2.6	0.7	10	87	EW-10	--	--	3.6	0.4	9.4	87
EW-11	--	--	9.6	3.4	16	71	EW-11	--	--	6.4	6.1	13	75
EW-12	--	--	1.2	13.6	5.6	80	EW-12	--	--	1.7	13.3	5.7	79
SW1	--	--	32.1	0.0	25	43	SW1	--	--	35.0	0.0	25	40
SW2	--	--	34.1	0.0	24	42	SW2	--	--	38.6	0.0	27	34
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	11.2	0.0	19	70	NW1	--	--	14.0	0.0	20	66
NW2	--	--	34.4	0.0	26	40	NW2	--	--	42.3	0.0	27	31
NW3	--	--	36.7	0.0	25	38	NW3	--	--	48.5	0.0	29	23
NW4	--	--	16.3	0.2	19	65	NW4	--	--	25.9	0.0	21	53
NW5	--	--	9.1	0.0	18	73	NW5	--	--	13.4	0.2	19	67
NW6	--	--	30.5	0.0	28	42	NW6	--	--	46.2	0.0	30	24
NW7	--	--	58.8	0.0	27	14	NW7	--	--	68.1	0.0	28	4
NW8	--	--	15.5	0.4	19	65	NW8	--	--	16.8	0.0	19	64
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/18/2011

Subject: LFG Monitoring Summary - Week of 04/04/11 - 04/10/11

Summary: All CPs remained in compliance this week.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 mins ON and 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 7, 2011 with temps of 45°F to 59°F with clear conditions to scattered clouds.
Vacuum readings were last taken on March 5, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/4/2011	0:00	1:30	5:30	11:30	--	--	5:30	7:00#	9.0
4/5/2011	--	--	--	--	2:00	8:00	--	--	6.0
4/6/2011	2:00	6:30#	--	--	--	--	--	--	4.5
4/7/2011	--	--	7:00	8:00	2:00	3:30#	--	--	2.5
4/8/2011	--	--	9:00	--	--	3:00	9:00#	--	6.0
4/9/2011	--	--	9:00	12:00	--	--	6:00	10:00#	7.0
4/10/2011	--	--	7:30	12:00	--	--	6:00	12:00	10.5
								Total Hrs. =	45.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/4/2011	--	--	--	--	--
4/5/2011	--	--	--	--	--
4/6/2011	--	--	--	--	--
4/7/2011	GV, S&EW	9:30A - 12:30P	--	30.04 - 30.05	S
4/8/2011	CPs & TGP/GP	9:30A - 1:30P	--	29.88 - 29.86	F
4/9/2011	--	--	--	--	--
4/10/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Apr		5-Apr		6-Apr		7-Apr		8-Apr		9-Apr		10-Apr	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	11.8	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-Deds	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Apr		5-Apr		6-Apr		7-Apr		8-Apr		9-Apr		10-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	13.3	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	9.9	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 28- Apr 03, 2011						Week of:	Apr 4 - Apr 10, 2011					
Wellhead ID	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**	**Wellhead ID**	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	44	2.1	4.1	14	80	GV1-1	–	40	1.5	1.6	15	82
GV1-2	–	40	27.4	1.3	23	48	GV1-2	–	42	2.3	5.2	19	74
GV1-3	–	48	28.7	0.0	24	49	GV1-3	–	50	5.2	3.1	16	78
GV1-4	–	58	30.8	0.0	24	45	GV1-4	–	58	4.1	3.5	15	77
GV1-5	–	58	27.8	0.0	23	49	GV1-5	–	58	27.8	0.1	24	48
GV1-6	–	58	25.4	0.2	22	52	GV1-6	–	58	3.2	2.9	15	79
GV1-7	–	58	10.9	2.6	17	70	GV1-7	–	58	1.4	3.2	14	81
GV1-8	–	54	11.1	0.0	18	71	GV1-8	–	54	3.2	1.2	16	80
GV1-9	–	52	8.2	0.0	18	74	GV1-9	–	54	0.5	4.9	13	82
GV1-10X	–	64	11.8	0.2	20	68	**GV1-10X**	–	60	5.1	2.4	16	77
GV1-11	–	60	1.0	16.5	2.4	80	GV1-11	–	60	1.2	15.9	2.8	80
GV1-12	–	60	13.6	0.2	19	67	GV1-12	–	62	8.0	0.6	17	74
GV1-13	–	54	9.3	0.0	17	74	GV1-13	–	52	2.8	0.0	14	83
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.6	16.1	2.8	81	GV1b-1	–	–	0.5	15.3	28	56
GV1b-2	–	68	4.7	12.2	7.7	75	GV1b-2	–	60	2.7	11.6	7.7	78
GV1b-3	–	54	0.9	18.7	1.1	79	GV1b-3	–	62	1.7	15.5	3.7	79
GV1b-4	–	62	0.8	14.8	4.4	80	GV1b-4	–	64	0.9	13.2	5.6	80
GV1b-5	–	62	3.3	2.2	11	84	GV1b-5	–	62	2.5	4.8	11	82
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	60	2.3	15.3	4.8	78	GV2-1	–	64	3.3	10.2	8.1	78
GV2-2	–	62	0.3	17.1	3.7	79	GV2-2	–	64	3.6	9.3	8.3	79
GV2-3	–	70	1.2	10.8	9.0	79	GV2-3	–	70	4.1	6.5	10	80
GV2-4	–	78	3.5	9.7	9.1	78	GV2-4	–	72	7.1	4.0	13	76
LEG 3	–	–	–	–		–	**LEG 3**	–	–	–	–		–
GV3-1	–	–	53.9	0.0	25	21	GV3-1	–	–	6.6	6.4	11	76
GV3-2	–	–	54.8	1.5	23	21	GV3-2	–	–	37.6	1.9	20	41
GV3-3	–	–	5.0	14.7	5.6	75	GV3-3	–	–	4.2	10.4	9.2	76
GV3-4	–	66	9.5	4.4	14	72	GV3-4	–	68	5.3	2.1	12	81
GV3-5	–	–	4.0	6.7	10	79	GV3-5	–	–	5.1	2.8	12	80
GV3-6	–	–	5.7	0.3	13	81	GV3-6	–	–	5.6	3.7	11	80
GV3-7	–	–	0.2	15.1	3.7	81	GV3-7	–	–	0.6	11.4	3.8	84
GV3-8	–	–	2.3	4.1	11	83	GV3-8	–	–	4.7	9.2	8.2	78
GV3-9	–	–	10.1	3.6	12	74	GV3-9	–	–	3.8	10.1	10	76
GV3-10 X	–	–	0.4	4.3	8.5	87	**GV3-10 X**	–	–	2.3	11.1	6.4	80
GV3-11	–	–	0.6	3.1	12	84	GV3-11	–	–	2.9	10.2	7.3	80
GV3-12	–	–	8.1	3.7	13	75	GV3-12	–	–	4.3	6.4	10	79
GV3-13	–	–	8.0	10.6	7.7	76	GV3-13	–	–	4.3	11.3	7.4	77
GV3-14	–	–	28.8	0.3	19	52	GV3-14	–	–	23.3	1.3	18	57
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	60	0.3	10.5	6.5	83	GV4-C	–	64	0.7	12.1	5.4	82
GV4-B	–	–	0.4	11.3	6.2	82	GV4-B	–	–	0.7	12.0	6.2	81
GV4-A	–	–	0.3	14.6	4.2	81	GV4-A	–	–	0.6	16.0	3.0	80
GV4-1	–	–	8.9	10.6	7.9	75	GV4-1	–	–	2.4	12.2	6.4	79
GV4-2	–	–	26.4	3.7	18	52	GV4-2	–	–	11.7	7.5	12	69
GV4-3	–	–	2.2	10.7	7.6	80	GV4-3	–	–	3.3	9.3	8.6	79
GV4-4 X	–	–	0.0	18.9	0.0	81	**GV4-4 X**	–	–	0.0	19.9	0.0	80
GV4-5	–	–	12.8	1.8	16	69	GV4-5	–	–	1.7	14.2	5.6	79
GV4-6	–	–	1.5	10.2	8.4	80	GV4-6	–	–	1.5	11.3	7.6	80
GV4-7	–	–	18.9	5.0	18	60	GV4-7	–	–	16.3	2.7	17	64
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	68	0.1	12.5	5.3	82	GV5-1	–	68	0.3	18.1	0.8	81
GV5-2	–	–	0.1	11.8	6.0	82	GV5-2	–	–	0.1	17.6	1.5	81
	–	–	0.2	16.8	2.4	81	GV5-3	–	–	0.0	19.5	0.7	80
GV5-4	–	–	0.0	13.7	3.9	82	GV5-4	–	–	0.0	20.0	0.1	80
GV5-5	–	–	0.1	5.2	9.1	86	GV5-5	–	–	0.1	18.4	2.8	81
GV5-6	–	–	0.1	11.9	6.7	81	GV5-6	–	–	0.1	18.9	0.9	80
GV5-7	–	–	0.1	12.4	6.1	81	GV5-7	–	–	0.0	17.7	1.8	81
GV5-8	–	–	0.3	6.0	12	82	GV5-8	–	–	0.0	10.8	8.6	81
GV5-9	–	–	8.5	0.0	16	76	GV5-9	–	–	0.4	10.1	8.5	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 28- Apr 03, 2011						Week of:	Apr 4 - Apr 10, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	–	–	27.9	0.8	19	52	EW-1	–	–	34.6	0.3	21	44
EW-2	–	–	0.0	10.2	7.7	82	EW-2	–	–	0.0	11.5	8.1	80
EW-3	–	–	9.8	5.1	12	73	EW-3	–	–	3.4	10.0	8.2	78
EW-4	–	–	20.6	0.0	19	60	EW-4	–	–	25.7	0.0	22	51
EW-5	–	–	34.5	0.0	23	43	EW-5	–	–	28.1	0.0	22	50
EW-6	–	–	28.4	0.0	21	53	EW-6	–	–	26.2	0.2	20	54
EW-7	–	–	24.5	0.0	21	55	EW-7	–	–	27.9	0.0	22	50
EW-8	–	–	25.4	0.0	21	54	EW-8	–	–	29.0	0.0	22	49
EW-9	–	–	34.8	0.0	24	41	EW-9	–	–	35.6	0.0	23	41
EW-10	–	–	3.6	0.4	9.4	87	EW-10	–	–	3.5	3.5	10	83
EW-11	–	–	8.4	6.1	13	75	EW-11	–	–	7.8	3.0	16	73
EW-12	–	–	1.7	13.3	5.7	79	EW-12	–	–	2.1	11.7	6.9	79
SW1	–	–	35.0	0.0	25	40	SW1	–	–	29.2	0.0	22	49
SW2	–	–	38.6	0.0	27	34	SW2	–	–	30.3	0.0	22	48
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	14.0	0.0	20	66	NW1	–	–	13.0	0.0	19	68
NW2	–	–	42.3	0.0	27	31	NW2	–	–	40.0	0.0	27	33
NW3	–	–	48.5	0.0	29	23	NW3	–	–	39.6	0.0	26	34
NW4	–	–	25.9	0.0	21	53	NW4	–	–	18.2	0.2	19	63
NW5	–	–	13.4	0.2	19	67	NW5	–	–	9.6	0.0	19	71
NW6	–	–	46.2	0.0	30	24	NW6	–	–	28.9	0.0	27	44
NW7	–	–	68.1	0.0	28	4	NW7	–	–	59.8	0.0	28	12
NW8	–	–	16.8	0.0	19	64	NW8	–	–	14.4	0.6	18	67
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.90	–	–	–	–	FLARE 90	–	2.90	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/21/2011

Subject: LFG Monitoring Summary - Week of 04/11/11 - 04/17/11

Summary: All CPs remained in compliance this week.
There were four (4) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 to 360 mins ON and 360 to 720 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 14, 2011 with temps of 44°F to 67°F and clear conditions.
Vacuum readings were last taken on April 15, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/11/2011	6:00	6:30#	11:30	12:00	--	--	6:00	10:30#	5.5
4/12/2011	--	--	--	--	--	--	7:30	12:00	4.5
4/13/2011	--	--	--	--	3:00	7:00#	--	--	4.0
4/14/2011	--	--	--	--	--	--	--	--	0.0
4/15/2011	--	--	7:00	9:00	--	--	3:00	9:00	8.0
4/16/2011	3:00	9:00	--	--	--	--	3:00	6:00#	9.0
4/17/2011	--	--	--	--	--	--	8:00	12:00	4.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 55 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/11/2011	--	--	--	--	--
4/12/2011	--	--	--	--	--
4/13/2011	--	--	--	--	--
4/14/2011	GV, S&EW	9:30A - 12:30P	--	30.13	S
4/15/2011	CPs & TGP/GP	9:30A - 1:30P	--	30.02 - 29.91	F
4/16/2011	--	--	--	--	--
4/17/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	11-Apr		12-Apr		13-Apr		14-Apr		15-Apr		16-Apr		17-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	11-Apr		12-Apr		13-Apr		14-Apr		15-Apr		16-Apr		17-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	9.5	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 4 - Apr 10, 2011						Week of:	Apr 11 - Apr 17, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.50	--	--	--	--	--
GV1-1	--	40	1.5	1.6	15	82	GV1-1	--	52	2.8	0.7	15	82
GV1-2	--	42	2.3	5.2	19	74	GV1-2	--	54	22.3	4.6	19	54
GV1-3	--	50	5.2	3.1	16	76	GV1-3	--	54	5.8	13.1	6.6	75
GV1-4	--	56	4.1	3.5	15	77	GV1-4	--	60	5.4	1.8	16	77
GV1-5	--	55	27.8	0.1	24	48	GV1-5	--	60	21.8	0.0	22	56
GV1-6	--	58	3.2	2.9	15	79	GV1-6	--	60	4.3	1.1	16	79
GV1-7	--	58	1.4	3.2	14	81	GV1-7	--	60	4.1	0.1	17	79
GV1-8	--	54	3.2	1.2	16	80	GV1-8	--	58	6.1	0.0	18	76
GV1-9	--	54	0.5	4.9	13	82	GV1-9	--	58	2.9	0.0	17	80
GV1-10X	--	60	5.1	2.4	16	77	**GV1-10X**	--	60	5.7	0.4	18	76
GV1-11	--	60	1.2	15.9	2.8	80	GV1-11	--	62	0.2	19.1	0.0	81
GV1-12	--	62	8.0	0.6	17	74	GV1-12	--	54	9.8	0.2	18	72
GV1-13	--	52	2.8	0.0	14	83	GV1-13	--	58	3.2	0.0	15	82
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.00	--	--	--	--	--
GV1b-1	--	--	0.5	15.3	28	56	GV1b-1	--	--	0.7	15.7	3.2	80
GV1b-2	--	60	2.7	11.8	7.7	78	GV1b-2	--	64	4.1	8.6	10	77
GV1b-3	--	62	1.7	15.5	3.7	79	GV1b-3	--	60	3.6	15.0	4.6	77
GV1b-4	--	64	0.9	13.2	5.6	80	GV1b-4	--	60	1.8	13.0	6.3	80
GV1b-5	--	62	2.5	4.6	11	82	GV1b-5	--	62	3.1	5.1	11	81
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.20	--	--	--	--	--
GV2-1	--	64	3.3	10.2	8.1	78	GV2-1	--	64	3.3	13.8	6.2	77
GV2-2	--	64	3.6	9.3	8.3	79	GV2-2	--	66	0.4	14.8	4.0	81
GV2-3	--	70	4.1	6.5	10	80	GV2-3	--	72	7.8	3.9	12	76
GV2-4	--	72	7.1	4.0	13	76	GV2-4	--	72	5.1	6.6	10	78
LEG 3	--	--	--	--		--	**LEG 3**	-0.30	--	--	--	--	--
GV3-1	--	--	6.6	6.4	11	76	GV3-1	--	--	49.8	0.0	25	25
GV3-2	--	--	37.6	1.9	20	41	GV3-2	--	--	45.3	3.3	19	32
GV3-3	--	--	4.2	10.4	9.2	76	GV3-3	--	--	0.8	16.1	4.0	79
GV3-4	--	66	5.3	2.1	12	81	GV3-4	--	66	3.4	6.5	11	79
GV3-5	--	--	5.1	2.8	12	80	GV3-5	--	--	3.1	6.5	9.4	81
GV3-6	--	--	5.6	3.7	11	80	GV3-6	--	--	5.5	0.3	14	80
GV3-7	--	--	0.6	11.4	3.8	84	GV3-7	--	--	0.3	15.3	2.2	82
GV3-8	--	--	4.7	9.2	8.2	78	GV3-8	--	--	6.5	10.1	8.1	75
GV3-9	--	--	3.6	10.1	10	76	GV3-9	--	--	8.8	4.2	11	76
GV3-10 X	--	--	2.3	11.1	6.4	80	**GV3-10 X**	--	--	1.5	4.4	9.2	85
GV3-11	--	--	2.9	10.2	7.3	80	GV3-11	--	--	0.8	2.3	12	85
GV3-12	--	--	4.3	8.4	10	79	GV3-12	--	--	5.1	4.6	11	79
GV3-13	--	--	4.3	11.3	7.4	77	GV3-13	--	--	5.8	8.2	9.2	77
GV3-14	--	--	23.3	1.3	18	57	GV3-14	--	--	29.7	0.4	18	52
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.40	--	--	--	--	--
GV4-C	--	64	0.7	12.1	5.4	82	GV4-C	--	64	0.5	9.2	6.6	84
GV4-B	--	--	0.7	12.0	6.2	81	GV4-B	--	--	0.5	10.5	6.3	83
GV4-A	--	--	0.6	16.0	3.0	80	GV4-A	--	--	0.5	13.8	3.2	83
GV4-1	--	--	2.4	12.2	6.4	79	GV4-1	--	--	7.5	7.4	10	75
GV4-2	--	--	11.7	7.5	12	69	GV4-2	--	--	24.4	3.3	18	54
GV4-3	--	--	3.3	9.3	8.6	79	GV4-3	--	--	2.0	10.0	7.8	80
GV4-4 X	--	--	0.0	19.9	0.0	80	**GV4-4 X**	--	--	0.2	19.8	0.0	80
GV4-5	--	--	1.7	14.2	5.8	79	GV4-5	--	--	12.4	3.3	15	69
GV4-6	--	--	1.5	11.3	7.6	80	GV4-6	--	--	1.7	8.5	9.1	81
GV4-7	--	--	16.3	2.7	17	64	GV4-7	--	--	16.3	4.8	15	64
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.60	--	--	--	--	--
GV5-1	--	68	0.3	18.1	0.8	81	GV5-1	--	72	0.3	14.3	3.6	82
GV5-2	--	--	0.1	17.6	1.5	81	GV5-2	--	--	0.2	14.3	3.5	82
	--	--	0.0	19.5	0.7	80	GV5-3	--	--	0.4	16.4	2.5	81
GV5-4	--	--	0.0	20.0	0.1	80	GV5-4	--	--	0.2	15.0	3.5	81
GV5-5	--	--	0.1	16.4	2.8	81	GV5-5	--	--	0.3	6.5	6.7	87
GV5-6	--	--	0.1	18.9	0.9	80	GV5-6	--	--	0.2	14.1	4.2	82
GV5-7	--	--	0.0	17.7	1.8	81	GV5-7	--	--	0.1	14.4	3.7	82
GV5-8	--	--	0.0	10.8	8.6	81	GV5-8	--	--	0.5	7.7	10	82
GV5-9	--	--	0.4	10.1	8.5	81	GV5-9	--	--	6.9	0.4	15	78

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 4 - Apr 10, 2011						Week of:	Apr 11 - Apr 17, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	34.6	0.3	21	44	EW-1	-0.60	--	29.1	0.6	20	50
EW-2	--	--	0.0	11.5	8.1	80	EW-2	-0.50	--	0.1	9.8	8.0	82
EW-3	--	--	3.4	10.0	8.2	78	EW-3	-0.30	--	11.6	3.4	13	72
EW-4	--	--	26.7	0.0	22	51	EW-4	--	--	18.2	0.5	18	63
EW-5	--	--	28.1	0.0	22	50	EW-5	--	--	25.2	0.0	21	54
EW-6	--	--	26.2	0.2	20	54	EW-6	--	--	25.9	0.0	21	53
EW-7	--	--	27.9	0.0	22	50	EW-7	--	--	27.7	0.0	21	51
EW-8	--	--	29.0	0.0	22	49	EW-8	--	--	29.5	0.0	20	51
EW-9	--	--	35.6	0.0	23	41	EW-9	--	--	34.6	0.0	23	42
EW-10	--	--	3.5	3.5	10	83	EW-10	--	--	3.5	0.2	8.5	88
EW-11	--	--	7.8	3.0	16	73	EW-11	-0.70	--	11.1	0.7	18	70
EW-12	--	--	2.1	11.7	6.9	79	EW-12	-0.60	--	3.1	8.5	7.6	81
SW1	--	--	29.2	0.0	22	49	SW1	--	--	33.7	0.0	25	41
SW2	--	--	30.3	0.0	22	48	SW2	--	--	33.9	0.0	24	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	13.0	0.0	19	68	NW1	--	--	13.5	0.0	19	68
NW2	--	--	40.0	0.0	27	33	NW2	--	--	37.9	0.0	26	36
NW3	--	--	39.6	0.0	26	34	NW3	--	--	38.3	0.0	27	34
NW4	--	--	18.2	0.2	19	63	NW4	--	--	17.3	0.0	19	64
NW5	--	--	9.6	0.0	19	71	NW5	--	--	8.8	0.0	18	73
NW6	--	--	28.9	0.0	27	44	NW6	--	--	25.9	0.0	26	48
NW7	--	--	59.8	0.0	28	12	NW7	--	--	64.8	0.0	28	7
NW8	--	--	14.4	0.6	18	67	NW8	--	--	12.1	0.3	18	70
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
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(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/28/2011

Subject: LFG Monitoring Summary - Week of 04/18/11 - 04/24/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 mins ON and 240 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 20, 2011 with temps of 47°F to 44°F and overcast conditions.
Vacuum readings were last taken on April 15, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/18/2011	0:00	1:00	5:00	9:00	1:00	5:00#	--	--	9.0
4/19/2011	--	--	--	--	1:00	5:00	9:00	12:00	7.0
4/20/2011	0:00#	--	8:00	9:00	1:00	5:00	9:00#	--	5.0
4/21/2011	--	--	9:00	--	--	1:00	5:00#	--	4.0
4/22/2011	--	--	9:30	--	--	1:00	5:00	9:00	7.5
4/23/2011	1:00	5:00	9:00#	--	--	--	--	--	4.0
4/24/2011	--	--	--	--	1:00	4:00#	--	--	3.0
								Total Hrs. =	39.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/18/2011	--	--	--	--	--
4/19/2011	--	--	--	--	--
4/20/2011	GV, S&EW	10:00A - 1:00P	--	29.85 - 30.03	R
4/21/2011	CPs & TGP/GP	9:00A - 1:30P	0.0	30.40 - 30.37	F
4/22/2011	--	--	--	--	--
4/23/2011	--	--	--	--	--
4/24/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Apr		19-Apr		20-Apr		21-Apr		22-Apr		23-Apr		24-Apr	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	14.4	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	11.2	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	14.4	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	15.7	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	13.4	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Apr		19-Apr		20-Apr		21-Apr		22-Apr		23-Apr		24-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	9.1	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	8.2	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 11 - Apr 17, 2011						Week of:	Apr 18 - Apr 24, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.50	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	52	2.6	0.7	15	82	GV1-1	--	40	5.2	0.0	17	78
GV1-2	--	54	22.3	4.6	19	54	GV1-2	--	42	24.2	1.9	17	57
GV1-3	--	54	5.8	13.1	6.6	75	GV1-3	--	44	6.7	0.6	17	76
GV1-4	--	60	5.4	1.8	16	77	GV1-4	--	48	8.1	0.3	17	75
GV1-5	--	60	21.8	0.0	22	58	GV1-5	--	50	17.6	0.0	19	63
GV1-6	--	60	4.3	1.1	16	79	GV1-6	--	56	6.6	0.3	17	76
GV1-7	--	60	4.1	0.1	17	79	GV1-7	--	52	7.9	0.0	18	74
GV1-8	--	58	6.1	0.0	16	76	GV1-8	--	62	6.3	0.0	16	78
GV1-9	--	58	2.9	0.0	17	80	GV1-9	--	60	4.7	0.0	17	78
GV1-10X	--	60	5.7	0.4	18	76	**GV1-10X**	--	52	6.7	0.6	17	76
GV1-11	--	62	0.2	19.1	0.0	81	GV1-11	--	48	8.9	1.8	16	73
GV1-12	--	54	9.6	0.2	18	72	GV1-12	--	50	10.6	0.0	18	71
GV1-13	--	58	3.2	0.0	15	82	GV1-13	--	50	7.0	0.0	15	78
LEG 1b	-1.00	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	16.7	3.2	80	GV1b-1	--	--	0.6	17.4	1.8	80
GV1b-2	--	64	4.1	8.6	10	77	GV1b-2	--	50	4.1	11.0	4.3	81
GV1b-3	--	60	3.6	15.0	4.6	77	GV1b-3	--	50	0.0	20.0	0.1	80
GV1b-4	--	60	1.8	13.0	5.3	80	GV1b-4	--	54	1.7	13.9	4.8	80
GV1b-5	--	62	3.1	5.1	11	81	GV1b-5	--	50	8.2	1.5	15	75
LEG 2	-0.20	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	64	3.3	13.8	6.2	77	GV2-1	--	60	4.8	13.6	6.4	75
GV2-2	--	68	0.4	14.8	4.0	81	GV2-2	--	62	2.9	13.3	6.3	78
GV2-3	--	72	7.8	3.9	12	76	GV2-3	--	62	20.3	3.6	14	62
GV2-4	--	72	5.1	6.6	10	78	GV2-4	--	62	11.1	8.2	11	70
LEG 3	-0.30	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	49.8	0.0	25	25	GV3-1	--	--	11.2	4.7	13	71
GV3-2	--	--	45.3	3.3	19	32	GV3-2	--	--	11.4	3.7	14	71
GV3-3	--	--	0.6	16.1	4.0	79	GV3-3	--	--	1.6	13.0	6.8	79
GV3-4	--	68	3.4	6.5	11	79	GV3-4	--	50	10.3	7.8	12	70
GV3-5	--	--	3.1	6.5	9.4	81	GV3-5	--	--	12.0	2.2	12	74
GV3-6	--	--	5.5	0.3	14	80	GV3-6	--	--	14.6	0.2	16	69
GV3-7	--	--	0.3	15.3	2.2	82	GV3-7	--	--	11.8	0.7	10	78
GV3-8	--	--	6.5	10.1	8.1	75	GV3-8	--	--	11.0	1.1	13	75
GV3-9	--	--	8.8	4.2	11	76	GV3-9	--	--	13.8	6.6	11	69
GV3-10 X	--	--	1.5	4.4	9.2	85	**GV3-10 X**	--	--	12.1	0.7	11	76
GV3-11	--	--	0.8	2.3	12	85	GV3-11	--	--	10.9	0.3	12	77
GV3-12	--	--	5.1	4.6	11	79	GV3-12	--	--	13.0	4.5	13	70
GV3-13	--	--	5.8	8.2	9.2	77	GV3-13	--	--	18.5	3.7	14	64
GV3-14	--	--	29.7	0.4	18	52	GV3-14	--	--	28.0	4.1	15	53
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.40	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	64	0.5	9.2	6.6	84	GV4-C	--	56	1.6	12.2	5.8	81
GV4-B	--	--	0.5	10.5	6.3	83	GV4-B	--	--	4.9	11.0	6.5	78
GV4-A	--	--	0.5	13.8	3.2	83	GV4-A	--	--	0.7	18.0	1.8	80
GV4-1	--	--	7.5	7.4	10	75	GV4-1	--	--	6.6	3.4	5.3	85
GV4-2	--	--	24.4	3.3	18	54	GV4-2	--	--	11.1	6.2	13	70
GV4-3	--	--	2.0	10.0	7.8	80	GV4-3	--	--	7.3	8.0	11	74
GV4-4 X	--	--	0.2	19.8	0.0	80	**GV4-4 X**	--	--	0.0	19.4	0.2	80
GV4-5	--	--	12.4	3.3	15	69	GV4-5	--	--	16.4	6.5	14	63
GV4-6	--	--	1.7	8.5	9.1	81	GV4-6	--	--	10.0	8.0	11	71
GV4-7	--	--	16.3	4.8	15	64	GV4-7	--	--	12.3	8.8	9.3	70
LEG 5	-0.60	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	72	0.3	14.3	3.6	82	GV5-1	--	68	0.1	19.8	0.1	80
GV5-2	--	--	0.2	14.3	3.5	82	GV5-2	--	--	10.8	6.3	10	73
	--	--	0.4	16.4	2.5	81	GV5-3	--	--	12.1	4.6	10	73
GV5-4	--	--	0.2	15.0	3.5	81	GV5-4	--	--	21.9	3.8	5.8	69
GV5-5	--	--	0.3	6.5	6.7	87	GV5-5	--	--	0.5	18.8	0.8	80
GV5-6	--	--	0.2	14.1	4.2	82	GV5-6	--	--	0.4	20.1	0.1	79
GV5-7	--	--	0.1	14.4	3.7	82	GV5-7	--	--	0.3	19.8	0.4	80
GV5-8	--	--	0.5	7.7	10	82	GV5-8	--	--	8.8	1.2	16	74
GV5-9	--	--	6.9	0.4	15	78	GV5-9	--	--	7.4	3.7	13	76

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) *NAM = Not Accessible for Monitoring;*
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 11 - Apr 17, 2011						Week of:	Apr 18 - Apr 24, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.60	–	29.1	0.6	20	50	EW-1	–	–	39.9	0.7	21	38
EW-2	-0.50	–	0.1	9.8	8.0	82	EW-2	–	–	8.8	6.9	12	72
EW-3	-0.30	–	11.6	3.4	13	72	EW-3	–	–	18.6	4.2	13	64
EW-4	–	–	18.2	0.5	18	63	EW-4	–	–	26.8	0.0	21	52
EW-5	–	–	25.2	0.0	21	54	EW-5	–	–	28.7	0.0	21	50
EW-6	–	–	25.9	0.0	21	53	EW-6	–	–	26.6	0.0	21	52
EW-7	–	–	27.7	0.0	21	51	EW-7	–	–	27.1	0.0	21	52
EW-8	–	–	29.5	0.0	20	51	EW-8	–	–	30.3	0.0	22	48
EW-9	–	–	34.6	0.0	23	42	EW-9	–	–	34.6	0.0	22	43
EW-10	–	–	3.5	0.2	8.5	88	EW-10	–	–	6.2	4.8	10	79
EW-11	-0.70	–	11.1	0.7	18	70	EW-11	–	–	9.2	6.3	13	72
EW-12	-0.80	–	3.1	8.5	7.6	81	EW-12	–	–	6.6	6.1	8.3	79
SW1	–	–	33.7	0.0	25	41	SW1	–	–	37.4	0.0	24	39
SW2	–	–	33.9	0.0	24	42	SW2	–	–	36.2	0.0	23	41
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	13.5	0.0	19	68	NW1	–	–	16.3	0.0	20	64
NW2	–	–	37.9	0.0	26	36	NW2	–	–	35.7	0.0	25	39
NW3	–	–	38.3	0.0	27	34	NW3	–	–	38.9	0.0	26	35
NW4	–	–	17.3	0.0	19	64	NW4	–	–	18.2	0.0	17	65
NW5	–	–	8.8	0.0	18	73	NW5	–	–	12.1	0.0	18	70
NW6	–	–	25.9	0.0	26	48	NW6	–	–	34.1	0.0	27	39
NW7	–	–	64.8	0.0	28	7	NW7	–	–	37.7	0.0	24	38
NW8	–	–	12.1	0.3	18	70	NW8	–	–	15.3	4.0	17	64
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.90	–	–	–	–	FLARE 90	–	2.90	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/2/2011

Subject: LFG Monitoring Summary - Week of 04/25/11 - 05/01/11

Summary: All CPs remained in compliance this week.
There were seven (7) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 mins ON and 240 to 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 29, 2011 with temps of 48°F to 51°F and overcast conditions.
Vacuum readings were last taken on April 15, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/25/2011	--	--	--	--	--	--	10:00	12:00	2.0
4/26/2011	0:00#	--	--	--	12:00	4:00	8:00	12:00	8.0
4/27/2011	4:00	8:00	--	--	12:00	4:00	8:00	12:00	12.0
4/28/2011	4:00#	--	--	--	12:30	4:00	8:00#	--	3.5
4/29/2011	--	--	8:00	12:00	--	--	8:00#	--	4.0
4/30/2011	--	--	8:00	8:30#	2:30	4:30#	--	--	2.5
5/1/2011	--	--	--	--	1:00	1:30#	5:30	8:00#	3.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/25/2011	--	--	--	--	--
4/26/2011	--	--	--	--	--
4/27/2011	--	--	--	--	--
4/28/2011	--	--	--	--	--
4/29/2011	GV, S&EW	10:00A - 1:00P	--	29.96 - 30.02	R
4/30/2011	CPs & TGP/GP	9:30A - 3:00P	0.0	30.15 - 30.01	F
5/1/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	25-Apr		26-Apr		27-Apr		28-Apr		29-Apr		30-Apr		1-May	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	14.3	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-Deds	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	10.9	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face** Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	25-Apr		26-Apr		27-Apr		28-Apr		29-Apr		30-Apr		1-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 18 - Apr 24, 2011						Week of:	Apr 25 - May 01, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	40	5.2	0.0	17	78	GV1-1	–	40	3.4	0.1	16	81
GV1-2	–	42	24.2	1.9	17	57	GV1-2	–	46	4.2	1.3	16	79
GV1-3	–	44	6.7	0.6	17	76	GV1-3	–	50	6.9	2.6	16	75
GV1-4	–	48	8.1	0.3	17	75	GV1-4	–	52	6.5	2.7	17	74
GV1-5	–	50	17.6	0.0	19	63	GV1-5	–	54	14.1	0.0	23	63
GV1-6	–	58	6.6	0.3	17	76	GV1-6	–	58	3.8	2.1	16	78
GV1-7	–	52	7.9	0.0	18	74	GV1-7	–	54	2.6	0.9	17	80
GV1-8	–	52	6.3	0.0	16	78	GV1-8	–	54	3.3	0.3	17	79
GV1-9	–	50	4.7	0.0	17	78	GV1-9	–	50	1.2	1.2	18	80
GV1-10X	–	52	6.7	0.6	17	76	**GV1-10X**	–	56	5.7	0.4	18	78
GV1-11	–	48	8.9	1.8	16	73	GV1-11	–	52	0.1	18.7	0.3	81
GV1-12	–	50	10.6	0.0	18	71	GV1-12	–	54	10.9	1.3	19	69
GV1-13	–	50	7.0	0.0	15	78	GV1-13	–	56	18.3	0.3	17	64
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.6	17.4	1.8	80	GV1b-1	–	–	0.4	18.2	1.9	82
GV1b-2	–	50	4.1	11.0	4.3	81	GV1b-2	–	60	0.1	18.8	1.2	80
GV1b-3	–	50	0.0	20.0	0.1	80	GV1b-3	–	58	0.4	19.5	0.6	79
GV1b-4	–	54	1.7	13.9	4.8	80	GV1b-4	–	58	1.8	12.2	6.0	80
GV1b-5	–	50	8.2	1.5	15	75	GV1b-5	–	56	2.4	5.2	10	82
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	60	4.8	13.8	6.4	75	GV2-1	–	62	2.5	16.1	4.4	77
GV2-2	–	62	2.9	13.3	6.3	78	GV2-2	–	66	0.3	15.1	5.4	79
GV2-3	–	62	20.3	3.6	14	62	GV2-3	–	70	2.1	5.8	13	79
GV2-4	–	82	11.1	8.2	11	70	GV2-4	–	80	2.9	6.8	9.4	79
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	11.2	4.7	13	71	GV3-1	–	–	42.3	0.7	22	35
GV3-2	–	–	11.4	3.7	14	71	GV3-2	–	–	46.0	3.0	25	26
GV3-3	–	–	1.6	13.0	6.8	79	GV3-3	–	–	0.4	16.0	4.0	80
GV3-4	–	50	10.3	7.6	12	70	GV3-4	–	64	2.4	7.2	10	80
GV3-5	–	–	12.0	2.2	12	74	GV3-5	–	–	8.3	4.9	11	78
GV3-6	–	–	14.6	0.2	16	69	GV3-6	–	–	4.3	5.7	11	79
GV3-7	–	–	11.8	0.7	10	78	GV3-7	–	–	9.4	6.9	11	73
GV3-8	–	–	11.0	1.1	13	75	GV3-8	–	–	3.9	7.7	7.8	81
GV3-9	–	–	13.8	6.6	11	69	GV3-9	–	–	13.9	4.4	11	71
GV3-10 X	–	–	12.1	0.7	11	76	**GV3-10 X**	–	–	1.9	4.8	10	83
GV3-11	–	–	10.9	0.3	12	77	GV3-11	–	–	1.8	6.3	10	82
GV3-12	–	–	13.0	4.5	13	70	GV3-12	–	–	3.5	7.4	10	79
GV3-13	–	–	18.5	3.7	14	64	GV3-13	–	–	5.4	8.3	9.0	77
GV3-14	–	–	28.0	4.1	15	53	GV3-14	–	–	33.4	1.5	18	47
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	56	1.6	12.2	5.6	81	GV4-C	–	56	0.9	7.8	8.2	83
GV4-B	–	–	4.9	11.0	6.5	78	GV4-B	–	–	1.0	7.4	7.6	84
GV4-A	–	–	0.7	18.0	1.8	80	GV4-A	–	–	0.3	19.2	0.7	80
GV4-1	–	–	6.6	3.4	5.3	85	GV4-1	–	–	5.2	5.0	9.0	81
GV4-2	–	–	11.1	6.2	13	70	GV4-2	–	–	12.6	5.9	13	69
GV4-3	–	–	7.3	8.0	11	74	GV4-3	–	–	1.7	10.2	7.7	80
GV4-4 X	–	–	0.0	19.4	0.2	80	**GV4-4 X**	–	–	0.0	19.9	0.0	80
GV4-5	–	–	16.4	6.5	14	63	GV4-5	–	–	14.0	4.1	16	66
GV4-6	–	–	10.0	8.0	11	71	GV4-6	–	–	3.4	8.4	10	78
GV4-7	–	–	12.3	8.8	9.3	70	GV4-7	–	–	14.6	4.8	16	65
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	68	0.1	19.8	0.1	80	GV5-1	–	68	2.8	14.1	4.2	79
GV5-2	–	–	10.8	6.3	10	73	GV5-2	–	–	2.7	14.2	4.2	79
	–	–	12.1	4.6	10	73	GV5-3	–	–	22.9	5.8	13	58
GV5-4	–	–	21.9	3.8	5.8	69	GV5-4	–	–	10.7	4.1	8.9	76
GV5-5	–	–	0.5	18.8	0.8	80	GV5-5	–	–	1.5	9.6	7.3	82
GV5-6	–	–	0.4	20.1	0.1	79	GV5-6	–	–	3.3	10.6	6.7	79
GV5-7	–	–	0.3	19.8	0.4	80	GV5-7	–	–	0.2	12.2	5.0	83
GV5-8	–	–	8.6	1.2	16	74	GV5-8	–	–	18.4	0.7	17	64
GV5-9	–	–	7.4	3.7	13	76	GV5-9	–	–	16.7	2.2	15	66

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) *NAM = Not Accessible for Monitoring;*
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 18 - Apr 24, 2011						Week of:	Apr 25 - May 01, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	39.9	0.7	21	38	EW-1	--	--	23.3	6.6	12	58
EW-2	--	--	8.8	8.9	12	72	EW-2	--	--	0.1	10.9	8.6	80
EW-3	--	--	18.6	4.2	13	64	EW-3	--	--	9.4	4.9	12	74
EW-4	--	--	26.8	0.0	21	52	EW-4	--	--	14.7	1.8	18	66
EW-5	--	--	28.7	0.0	21	50	EW-5	--	--	24.8	0.0	20	55
EW-6	--	--	28.6	0.0	21	52	EW-6	--	--	25.0	0.0	20	55
EW-7	--	--	27.1	0.0	21	52	EW-7	--	--	26.2	0.0	20	54
EW-8	--	--	30.3	0.0	22	48	EW-8	--	--	32.5	0.0	23	45
EW-9	--	--	34.6	0.0	22	43	EW-9	--	--	34.7	0.0	22	43
EW-10	--	--	6.2	4.8	10	79	EW-10	--	--	3.4	1.8	6.5	88
EW-11	--	--	9.2	6.3	13	72	EW-11	--	--	1.1	17.3	2.3	79
EW-12	--	--	6.6	6.1	8.3	79	EW-12	--	--	3.8	10.9	7.0	78
SW1	--	--	37.4	0.0	24	39	SW1	--	--	35.0	0.0	23	42
SW2	--	--	38.2	0.0	23	41	SW2	--	--	34.9	0.0	23	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	16.3	0.0	20	64	NW1	--	--	12.7	0.0	20	67
NW2	--	--	35.7	0.0	25	39	NW2	--	--	37.0	0.0	27	36
NW3	--	--	38.9	0.0	26	35	NW3	--	--	42.1	0.0	25	33
NW4	--	--	18.2	0.0	17	65	NW4	--	--	25.7	0.0	18	56
NW5	--	--	12.1	0.0	18	70	NW5	--	--	19.5	0.0	18	63
NW6	--	--	34.1	0.0	27	39	NW6	--	--	47.1	0.0	30	23
NW7	--	--	37.7	0.0	24	38	NW7	--	--	41.5	0.0	25	34
NW8	--	--	15.3	4.0	17	64	NW8	--	--	22.6	1.1	16	60
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

June 10, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – May 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for May 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
G. Montfort
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 196 – May 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries);
  - The second quarter 2011 combustible gas indicator (CGI) checks were successfully performed on May 9, 2011; and,
  - The annual flare influent gas sampling was performed on May 12, 2011.
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of May 2011 are presented as Attachment A of this report.

F. Planned Activities for the Next Reporting Period (June 2011)

- Develop Monthly Progress Report #196 summarizing activities in May 2011 for submission to the U.S. EPA;
- Receive laboratory data for the May 2011 annual flare influent gas sampling event; and,
- Continue LGAS operation and performance monitoring.

PAPER

G. Schedule of Significant Activities and Deliverables (June 2011)

- June 10 - Anticipated submittal of the May 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	05/10	U.S. EPA, et al.	Monthly Progress Report for the Month of March 2011.

dmi = de maximis, inc.
U.S. EPA = United States Environmental Protection Agency
SCS = SCS Engineers
VRAC = Valleycrest Removal Action Coalition

PAPER

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/12/2011

Subject: LFG Monitoring Summary - Week of 05/02/11 - 05/08/11

Summary: All CPs remained in compliance this week.
There were nine (9) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 mins ON and 240 to 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 5, 2011 with temps of 52°F to 60°F and scattered clouds.
Vacuum readings were last taken on April 15, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/2/2011	--	--	5:30#	--	12:30	4:30	8:30#	--	4.0
5/3/2011	--	--	--	--	12:30	6:30	--	--	6.0
5/4/2011	0:30	3:30#	11:00	12:00#	4:00	5:00	11:00	12:00	6.0
5/5/2011	0:00#	--	8:30	--	--	1:30	7:30	12:00	9.5
5/6/2011	0:00#	--	9:00	--	--	2:00	7:00	12:00	10.0
5/7/2011	--	--	11:00	--	--	1:30	7:30	9:00#	4.0
5/8/2011	--	--	9:30#	--	1:30#	--	--	--	0.0
								Total Hrs. =	39.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/2/2011	--	--	--	--	--
5/3/2011	--	--	--	--	--
5/4/2011	--	--	--	--	--
5/5/2011	GV, S&EW	10:30A - 1:30P	--	30.35 - 30.27	F
5/6/2011	CPs & TGP/GP	11:30A - 3:30P	0.0	29.94 - 29.90	F
5/7/2011	--	--	--	--	--
5/8/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	2-May		3-May		4-May		5-May		6-May		7-May		8-May	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	8.4	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	10.9	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	11.3	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	11.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	12.0	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	12.6	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	10.8	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	2-May		3-May		4-May		5-May		6-May		7-May		8-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	12.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	9.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	12.2	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	13.5	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 25 - May 01, 2011						Week of:	May 02 - May 08, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	40	3.4	0.1	16	81	GV1-1	–	42	5.9	0.0	17	77
GV1-2	–	46	4.2	1.3	16	79	GV1-2	–	40	45.7	0.7	29	25
GV1-3	–	50	6.9	2.6	16	75	GV1-3	–	40	7.8	1.5	16	75
GV1-4	–	52	6.5	2.7	17	74	GV1-4	–	44	7.8	1.7	16	75
GV1-5	–	54	14.1	0.0	23	63	GV1-5	–	48	26.2	0.7	22	51
GV1-6	–	58	3.8	2.1	16	78	GV1-6	–	50	8.3	1.5	15	77
GV1-7	–	54	2.6	0.9	17	80	GV1-7	–	48	5.9	0.0	18	76
GV1-8	–	54	3.3	0.3	17	79	GV1-8	–	48	6.4	0.1	17	77
GV1-9	–	50	1.2	1.2	18	80	GV1-9	–	50	4.3	0.0	16	80
GV1-10X	–	56	5.7	0.4	18	76	**GV1-10X**	–	50	6.7	0.5	18	75
GV1-11	–	52	0.1	18.7	0.3	81	GV1-11	–	46	0.0	19.1	0.1	81
GV1-12	–	54	10.9	1.3	19	69	GV1-12	–	48	14.1	1.1	19	66
GV1-13	–	58	18.3	0.3	17	64	GV1-13	–	46	9.6	0.0	14	76
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.4	16.2	1.9	82	GV1b-1	–	–	0.2	16.4	1.4	82
GV1b-2	–	60	0.1	18.8	1.2	80	GV1b-2	–	52	0.0	19.2	0.8	80
GV1b-3	–	58	0.4	19.5	0.8	79	GV1b-3	–	46	0.3	18.0	1.0	80
GV1b-4	–	58	1.8	12.2	6.0	80	GV1b-4	–	50	1.1	14.2	4.6	80
GV1b-5	–	56	2.4	5.2	10	82	GV1b-5	–	50	2.7	1.0	14	82
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	62	2.5	16.1	4.4	77	GV2-1	–	58	1.5	16.1	3.6	79
GV2-2	–	66	0.3	15.1	5.4	79	GV2-2	–	64	9.7	13.5	6.0	71
GV2-3	–	70	2.1	5.8	13	79	GV2-3	–	66	4.5	4.8	13	78
GV2-4	–	80	2.9	8.8	9.4	79	GV2-4	–	80	3.8	10.0	8.7	78
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	42.3	0.7	22	35	GV3-1	–	–	39.0	1.8	29	30
GV3-2	–	–	46.0	3.0	25	26	GV3-2	–	–	32.3	5.5	15	47
GV3-3	–	–	0.4	16.0	4.0	80	GV3-3	–	–	0.0	17.6	2.4	80
GV3-4	–	64	2.4	7.2	10	80	GV3-4	–	64	1.1	8.9	8.2	82
GV3-5	–	–	6.3	4.9	11	78	GV3-5	–	–	6.2	5.4	11	77
GV3-6	–	–	4.3	5.7	11	79	GV3-6	–	–	6.8	1.1	14	78
GV3-7	–	–	9.4	6.9	11	73	GV3-7	–	–	1.8	13.1	4.5	81
GV3-8	–	–	3.9	7.7	7.8	81	GV3-8	–	–	3.1	10.4	7.6	79
GV3-9	–	–	13.9	4.4	11	71	GV3-9	–	–	12.8	3.6	12	72
GV3-10 X	–	–	1.9	4.8	10	83	**GV3-10 X**	–	–	2.5	3.1	10	84
GV3-11	–	–	1.8	8.3	10	82	GV3-11	–	–	1.2	2.5	13	83
GV3-12	–	–	3.5	7.4	10	79	GV3-12	–	–	13.4	1.8	14	71
GV3-13	–	–	5.4	8.3	9.0	77	GV3-13	–	–	12.8	3.0	14	70
GV3-14	–	–	33.4	1.5	18	47	GV3-14	–	–	26.4	1.2	17	55
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	56	0.9	7.6	8.2	83	GV4-C	–	60	0.6	9.7	6.4	83
GV4-B	–	–	1.0	7.4	7.6	84	GV4-B	–	–	0.8	10.5	6.1	83
GV4-A	–	–	0.3	19.2	0.7	80	GV4-A	–	–	0.1	19.4	0.2	80
GV4-1	–	–	5.2	5.0	9.0	81	GV4-1	–	–	3.3	8.8	7.7	80
GV4-2	–	–	12.6	5.9	13	69	GV4-2	–	–	9.8	8.7	10	72
GV4-3	–	–	1.7	10.2	7.7	80	GV4-3	–	–	1.3	10.8	7.2	81
GV4-4 X	–	–	0.0	19.9	0.0	80	**GV4-4 X**	–	–	0.0	19.1	0.1	81
GV4-5	–	–	14.0	4.1	16	66	GV4-5	–	–	6.9	8.8	10	74
GV4-6	–	–	3.4	8.4	10	78	GV4-6	–	–	3.6	9.9	8.3	78
GV4-7	–	–	14.8	4.6	16	65	GV4-7	–	–	17.9	4.4	16	62
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	68	2.8	14.1	4.2	79	GV5-1	–	62	6.2	15.8	2.9	75
GV5-2	–	–	2.7	14.2	4.2	79	GV5-2	–	–	14.3	9.8	8.3	68
	–	–	22.9	5.8	13	58	GV5-3	–	–	28.4	0.8	17	54
GV5-4	–	–	10.7	4.1	8.9	76	GV5-4	–	–	20.1	2.1	16	62
GV5-5	–	–	1.5	9.8	7.3	82	GV5-5	–	–	18.3	1.0	16	65
GV5-6	–	–	3.3	10.6	6.7	79	GV5-6	–	–	20.1	0.6	15	64
GV5-7	–	–	0.2	12.2	5.0	83	GV5-7	–	–	21.3	0.0	16	63
GV5-8	–	–	18.4	0.7	17	64	GV5-8	–	–	23.8	0.0	19	57
GV5-9	–	–	18.7	2.2	15	66	GV5-9	–	–	24.4	0.0	19	57

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 25 - May 01, 2011						Week of:	May 02 - May 08, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	23.3	6.6	12	58	EW-1	--	--	17.3	12.0	8.3	62
EW-2	--	--	0.1	10.9	8.6	80	EW-2	--	--	0.0	5.8	10	84
EW-3	--	--	9.4	4.9	12	74	EW-3	--	--	8.6	3.8	12	76
EW-4	--	--	14.7	1.8	18	66	EW-4	--	--	21.7	0.0	19	59
EW-5	--	--	24.8	0.0	20	55	EW-5	--	--	24.6	0.0	21	54
EW-6	--	--	25.0	0.0	20	55	EW-6	--	--	28.6	0.0	21	50
EW-7	--	--	26.2	0.0	20	54	EW-7	--	--	26.4	0.0	20	54
EW-8	--	--	32.5	0.0	23	45	EW-8	--	--	35.8	0.0	23	41
EW-9	--	--	34.7	0.0	22	43	EW-9	--	--	35.5	0.0	22	43
EW-10	--	--	3.4	1.8	6.5	88	EW-10	--	--	4.4	1.7	6.5	87
EW-11	--	--	1.1	17.3	2.3	79	EW-11	--	--	0.5	18.1	1.1	80
EW-12	--	--	3.8	10.9	7.0	78	EW-12	--	--	4.5	9.8	7.8	78
SW1	--	--	35.0	0.0	23	42	SW1	--	--	30.7	0.0	23	46
SW2	--	--	34.9	0.0	23	42	SW2	--	--	32.3	0.0	22	46
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	12.7	0.0	20	67	NW1	--	--	9.1	0.2	18	73
NW2	--	--	37.0	0.0	27	36	NW2	--	--	28.2	0.0	21	51
NW3	--	--	42.1	0.0	25	33	NW3	--	--	46.6	0.0	25	28
NW4	--	--	25.7	0.0	18	56	NW4	--	--	22.4	0.0	15	63
NW5	--	--	19.5	0.0	18	63	NW5	--	--	7.3	0.3	18	74
NW6	--	--	47.1	0.0	30	23	NW6	--	--	26.3	0.0	25	49
NW7	--	--	41.5	0.0	25	34	NW7	--	--	63.3	0.0	25	12
NW8	--	--	22.6	1.1	16	60	NW8	--	--	23.2	0.0	16	61
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/19/2011

Subject: LFG Monitoring Summary - Week of 05/09/11 - 05/15/11

Summary: All CPs remained in compliance this week.
There were eight (8) flare flame failures due to low methane or other issues.
Flare operating cycles were 120 to 540 mins ON and 240 to 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 14, 2011 with temps of 65°F to 69°F and mostly cloudy conditions.
Vacuum readings were last taken on April 15, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/9/2011	--	--	6:30	7:00#	12:30	2:30#	6:00	9:00	5.5
5/10/2011	0:00#	--	10:30	--	--	2:30	4:30	8:30	8.0
5/11/2011	0:30#	--	6:30	--	--	12:30	4:30#	--	6.0
5/12/2011	--	--	7:30	--	--	4:30	7:30#	--	9.0
5/13/2011	--	--	9:30	--	--	3:30	7:30	9:00	7.5
5/14/2011	1:00	3:00	6:00	10:00	11:30A	3:30P	7:30	11:30	14.0
5/15/2011	3:30	5:30#	11:30	--	--	3:30P	7:30#	--	6.0
								Total Hrs. =	56.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/9/2011	--	--	--	--	--
5/10/2011	--	--	--	--	--
5/11/2011	--	--	--	--	--
5/12/2011	--	--	--	--	--
5/13/2011	--	--	--	--	--
5/14/2011	GV, S&EW	2:00 - 5:00P	--	29.63 - 29.58	F
5/15/2011	CPs & TGP/GP	11:00A - 3:00P	--	29.81 - 29.61	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	9-May		10-May		11-May		12-May		13-May		14-May		15-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.7
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.7
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
CP1b-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
CP1b-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP1b-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
TGP1b-E	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.6
TGP1b-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.0
TGP1b-F	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP1b-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
TGP1b-G	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP1b-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP1b-H	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP1b-D	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
GP-03	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-82	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
GP-04	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
TGP-83	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
CP2-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP2-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
CP2-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
CP2-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
CP-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
CP2-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP2-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-06	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-East	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-Dads	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
CP3-1RR	--	--	--	--	--	--	--	--	--	--	--	--	0.0	12.1
CP3-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP3-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
CP3-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP3-7R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
CP3-8R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
CP3-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.4
CP3-10R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP3-12R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP3-13R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
CP3-14R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
CP3-15R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-89	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.4
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	9-May		10-May		11-May		12-May		13-May		14-May		15-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.8
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.1
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.7
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
TGP-69	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-90	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
GP-17	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.9
TGP-91	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
GP-18	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP-73	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
TGP-74	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-84	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
TGP-75	--	--	--	--	--	--	--	--	--	--	--	--	0.0	9.7
TGP-85	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.8
TGP-72	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
TGP-86	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.8
TGP-32	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face** Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 02 - May 08, 2011						Week of:	May 09 - May 15, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	42	5.9	0.0	17	77	GV1-1	–	78	0.6	17.0	3.0	79
GV1-2	–	40	45.7	0.7	29	25	GV1-2	–	54	31.2	0.0	15	54
GV1-3	–	40	7.8	1.5	16	75	GV1-3	–	60	27.0	0.0	23	50
GV1-4	–	44	7.8	1.7	16	75	GV1-4	–	64	18.8	0.0	20	61
GV1-5	–	48	26.2	0.7	22	51	GV1-5	–	68	31.1	0.0	27	42
GV1-6	–	50	6.3	1.5	15	77	GV1-6	–	68	26.9	0.0	23	50
GV1-7	–	48	5.9	0.0	18	76	GV1-7	–	64	8.8	0.0	18	73
GV1-8	–	48	6.4	0.1	17	77	GV1-8	–	64	9.0	0.0	17	74
GV1-9	–	50	4.3	0.0	16	80	GV1-9	–	62	6.1	0.0	17	77
GV1-10X	–	50	6.7	0.5	18	76	**GV1-10X**	–	70	6.9	0.0	17	76
GV1-11	–	46	0.0	19.1	0.1	81	GV1-11	–	64	0.1	18.4	0.1	81
GV1-12	–	48	14.1	1.1	19	66	GV1-12	–	62	11.6	0.2	18	70
GV1-13	–	46	9.6	0.0	14	76	GV1-13	–	62	5.1	0.0	14	81
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.2	16.4	1.4	82	GV1b-1	–	–	0.3	16.8	1.6	81
GV1b-2	–	52	0.0	19.2	0.8	80	GV1b-2	–	70	0.0	18.7	0.7	81
GV1b-3	–	46	0.3	19.0	1.0	80	GV1b-3	–	66	0.1	18.6	0.8	81
GV1b-4	–	50	1.1	14.2	4.6	80	GV1b-4	–	70	0.8	13.6	4.8	81
GV1b-5	–	50	2.7	1.0	14	82	GV1b-5	–	68	0.8	5.1	11	83
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	58	1.5	16.1	3.6	79	GV2-1	–	72	1.7	16.2	2.7	79
GV2-2	–	64	9.7	13.5	6.0	71	GV2-2	–	70	0.2	16.7	2.7	80
GV2-3	–	66	4.5	4.8	13	78	GV2-3	–	74	0.1	14.0	5.4	81
GV2-4	–	80	3.8	10.0	8.7	78	GV2-4	–	80	1.9	13.5	5.5	79
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	39.0	1.8	29	30	GV3-1	–	–	61.7	0.0	25	13
GV3-2	–	–	32.3	5.5	15	47	GV3-2	–	–	47.3	0.8	23	29
GV3-3	–	–	0.0	17.6	2.4	80	GV3-3	–	–	0.0	17.7	1.6	81
GV3-4	–	64	1.1	8.9	8.2	82	GV3-4	–	64	1.1	9.9	7.0	82
GV3-5	–	–	6.2	5.4	11	77	GV3-5	–	–	5.0	6.1	11	78
GV3-6	–	–	6.8	1.1	14	78	GV3-6	–	–	4.8	3.3	12	80
GV3-7	–	–	1.6	13.1	4.5	81	GV3-7	–	–	4.1	0.3	11	85
GV3-8	–	–	3.1	10.4	7.6	79	GV3-8	–	–	0.8	16.7	1.5	81
GV3-9	–	–	12.8	3.6	12	72	GV3-9	–	–	11.0	4.1	11	74
GV3-10 X	–	–	2.5	3.1	10	84	**GV3-10 X**	–	–	2.5	3.0	11	84
GV3-11	–	–	1.2	2.5	13	83	GV3-11	–	–	8.1	0.0	13	79
GV3-12	–	–	13.4	1.8	14	71	GV3-12	–	–	11.2	1.6	13	74
GV3-13	–	–	12.8	3.0	14	70	GV3-13	–	–	2.2	11.3	6.7	80
GV3-14	–	–	26.4	1.2	17	55	GV3-14	–	–	29.4	0.1	18	53
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	60	0.6	9.7	6.4	83	GV4-C	–	70	0.5	8.0	7.0	85
GV4-B	–	–	0.8	10.5	6.1	83	GV4-B	–	–	1.0	9.5	6.4	83
GV4-A	–	–	0.1	19.4	0.2	80	GV4-A	–	–	0.8	17.0	1.4	81
GV4-1	–	–	3.3	8.6	7.7	80	GV4-1	–	–	5.1	1.1	13	81
GV4-2	–	–	9.8	8.7	10	72	GV4-2	–	–	19.8	0.4	18	62
GV4-3	–	–	1.3	10.8	7.2	81	GV4-3	–	–	2.1	9.8	7.7	80
GV4-4 X	–	–	0.0	19.1	0.1	81	**GV4-4 X**	–	–	0.0	19.1	0.0	81
GV4-5	–	–	6.9	8.8	10	74	GV4-5	–	–	13.5	0.6	18	68
GV4-6	–	–	3.8	9.9	8.3	78	GV4-6	–	–	2.1	9.5	8.4	80
GV4-7	–	–	17.9	4.4	16	62	GV4-7	–	–	15.9	4.2	15	65
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	62	6.2	15.8	2.9	75	GV5-1	–	78	4.2	14.4	3.9	78
GV5-2	–	–	14.3	9.8	8.3	68	GV5-2	–	–	7.0	5.3	11	77
	–	–	28.4	0.8	17	54	GV5-3	–	–	10.0	1.8	14	74
GV5-4	–	–	20.1	2.1	16	62	GV5-4	–	–	21.5	0.0	17	62
GV5-5	–	–	18.3	1.0	16	65	GV5-5	–	–	5.1	8.6	8.1	78
GV5-6	–	–	20.1	0.8	15	64	GV5-6	–	–	3.4	12.6	6.0	78
GV5-7	–	–	21.3	0.0	16	63	GV5-7	–	–	14.0	0.8	16	69
GV5-8	–	–	23.8	0.0	19	57	GV5-8	–	–	27.3	0.0	20	53
GV5-9	–	–	24.4	0.0	19	57	GV5-9	–	–	27.2	0.0	20	53

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 02 - May 08, 2011						Week of:	May 09 - May 15, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	17.3	12.0	8.3	62	EW-1	--	--	24.2	2.4	13	60
EW-2	--	--	0.0	5.8	10	84	EW-2	--	--	0.0	10.8	8.2	81
EW-3	--	--	8.6	3.8	12	76	EW-3	--	--	12.9	3.0	12	72
EW-4	--	--	21.7	0.0	19	59	EW-4	--	--	21.3	0.0	19	60
EW-5	--	--	24.8	0.0	21	54	EW-5	--	--	29.7	0.0	21	49
EW-6	--	--	28.6	0.0	21	50	EW-6	--	--	27.2	0.0	21	52
EW-7	--	--	26.4	0.0	20	54	EW-7	--	--	29.9	0.0	22	48
EW-8	--	--	35.8	0.0	23	41	EW-8	--	--	30.1	0.0	21	49
EW-9	--	--	35.5	0.0	22	43	EW-9	--	--	37.0	0.0	23	40
EW-10	--	--	4.4	1.7	6.5	87	EW-10	--	--	3.6	1.8	6.8	88
EW-11	--	--	0.5	18.1	1.1	80	EW-11	--	--	0.9	17.2	1.7	80
EW-12	--	--	4.5	9.8	7.8	78	EW-12	--	--	2.2	13.1	5.6	79
SW1	--	--	30.7	0.0	23	46	SW1	--	--	33.7	0.0	22	44
SW2	--	--	32.3	0.0	22	46	SW2	--	--	35.9	0.0	24	40
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	9.1	0.2	18	73	NW1	--	--	9.9	0.0	18	72
NW2	--	--	28.2	0.0	21	51	NW2	--	--	36.8	0.0	24	39
NW3	--	--	46.6	0.0	25	28	NW3	--	--	43.7	0.0	26	30
NW4	--	--	22.4	0.0	15	63	NW4	--	--	22.2	0.0	16	62
NW5	--	--	7.3	0.3	18	74	NW5	--	--	11.5	0.0	18	71
NW6	--	--	26.3	0.0	25	49	NW6	--	--	48.5	0.0	29	23
NW7	--	--	63.3	0.0	25	12	NW7	--	--	62.8	0.0	25	12
NW8	--	--	23.2	0.0	16	61	NW8	--	--	20.5	0.0	17	63
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/27/2011

Subject: LFG Monitoring Summary - Week of 05/16/11 - 05/22/11

Summary: All CPs remained in compliance this week.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 to 480 mins ON and 240 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 20, 2011 with temps of 57°F to 63°F and mostly cloudy conditions.
Vacuum readings were last taken on May 22, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/16/2011	3:00	7:00	11:00	--	--	3:00	7:00	11:00	12.0
5/17/2011	3:00	7:00	11:00	--	--	3:00	7:00	11:00	12.0
5/18/2011	3:00	7:00	11:00	11:30#	--	--	7:00	10:30#	8.0
5/19/2011	--	--	7:00	11:00	3:00	5:00#	--	--	6.0
5/20/2011	--	--	7:00	11:00	--	--	3:00	6:30#	7.5
5/21/2011	--	--	7:00	11:00	3:00	4:00#	--	--	5.0
5/22/2011	--	--	7:30	--	--	5:30	--	--	8.0
								Total Hrs. =	58.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/16/2011	--	--	--	--	--
5/17/2011	--	--	--	--	--
5/18/2011	--	--	--	--	--
5/19/2011	--	--	--	--	--
5/20/2011	GV, S&EW	9:30A - 12:30P	--	30.00 - 30.01	S-R
5/21/2011	CPs & TGP/GP	10:00A - 2:00P	--	29.63 - 29.58	F
5/22/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-May		16-May		17-May		18-May		19-May		20-May		21-May	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	9.0	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	14.4	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-May		16-May		17-May		18-May		19-May		20-May		21-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	10.2	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	12.1	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	11.3	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	11.1	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	17..1	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	9.3	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 09 - May 15, 2011						Week of:	May 16 - May 22, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	-2.50	–	–	–	–	–
GV1-1	–	78	0.6	17.0	3.0	79	GV1-1	–	60	0.6	1.1	17	81
GV1-2	–	54	31.2	0.0	15	54	GV1-2	–	54	30.0	3.2	23	44
GV1-3	–	60	27.0	0.0	23	50	GV1-3	–	60	4.5	1.0	17	78
GV1-4	–	64	18.8	0.0	20	61	GV1-4	–	62	4.9	0.8	17	77
GV1-5	–	68	31.1	0.0	27	42	GV1-5	–	62	23.6	0.0	23	53
GV1-6	–	68	26.9	0.0	23	50	GV1-6	–	60	2.5	0.5	16	81
GV1-7	–	64	8.6	0.0	18	73	GV1-7	–	60	3.6	0.0	17	79
GV1-8	–	64	9.0	0.0	17	74	GV1-8	–	62	2.6	0.3	17	80
GV1-9	–	62	6.1	0.0	17	77	GV1-9	–	60	0.7	1.3	15	83
GV1-10X	–	70	6.9	0.0	17	76	**GV1-10X**	–	64	2.3	1.6	17	79
GV1-11	–	64	0.1	18.4	0.1	81	GV1-11	–	60	3.7	4.2	12	80
GV1-12	–	62	11.6	0.2	18	70	GV1-12	–	60	8.8	0.1	18	73
GV1-13	–	62	5.1	0.0	14	81	GV1-13	–	58	2.2	0.0	16	82
LEG 1b	–	–	–	–	–	–	**LEG 1b**	-2.10	–	–	–	–	–
GV1b-1	–	–	0.3	16.8	1.8	81	GV1b-1	–	–	0.3	16.3	2.0	81
GV1b-2	–	70	0.0	18.7	0.7	81	GV1b-2	–	54	0.1	17.5	1.8	81
GV1b-3	–	66	0.1	18.6	0.8	81	GV1b-3	–	60	0.2	18.1	1.6	80
GV1b-4	–	70	0.8	13.8	4.8	81	GV1b-4	–	60	0.6	11.4	6.4	82
GV1b-5	–	68	0.8	5.1	11	83	GV1b-5	–	62	0.9	1.5	14	84
LEG 2	–	–	–	–	–	–	**LEG 2**	-0.50	–	–	–	–	–
GV2-1	–	72	1.7	16.2	2.7	79	GV2-1	–	68	1.8	13.5	4.0	81
GV2-2	–	70	0.2	16.7	2.7	80	GV2-2	–	66	0.4	13.8	2.5	84
GV2-3	–	74	0.1	14.0	5.4	81	GV2-3	–	68	2.6	6.0	10	82
GV2-4	–	80	1.9	13.5	5.5	79	GV2-4	–	82	2.0	10.4	7.4	80
LEG 3	–	–	–	–	–	–	**LEG 3**	-0.30	–	–	–	–	–
GV3-1	–	–	61.7	0.0	25	13	GV3-1	–	–	60.3	0.3	25	14
GV3-2	–	–	47.3	0.8	23	29	GV3-2	–	–	9.8	5.8	11	73
GV3-3	–	–	0.0	17.7	1.6	81	GV3-3	–	–	0.0	15.9	3.8	80
GV3-4	–	64	1.1	9.9	7.0	82	GV3-4	–	64	9.8	2.0	14	74
GV3-5	–	–	5.0	6.1	11	78	GV3-5	–	–	1.3	5.1	9.2	84
GV3-6	–	–	4.8	3.3	12	80	GV3-6	–	–	4.3	0.2	15	81
GV3-7	–	–	4.1	0.3	11	85	GV3-7	–	–	1.1	16.4	2.4	80
GV3-8	–	–	0.8	16.7	1.5	81	GV3-8	–	–	3.5	3.8	11	82
GV3-9	–	–	11.0	4.1	11	74	GV3-9	–	–	4.1	3.1	12	81
GV3-10 X	–	–	2.5	3.0	11	84	**GV3-10 X**	–	–	0.0	6.2	8	86
GV3-11	–	–	8.1	0.0	13	79	GV3-11	–	–	0.6	4.1	12	83
GV3-12	–	–	11.2	1.6	13	74	GV3-12	–	–	0.6	4.9	12	83
GV3-13	–	–	2.2	11.3	6.7	80	GV3-13	–	–	4.0	15.5	4.3	76
GV3-14	–	–	29.4	0.1	18	53	GV3-14	–	–	19.0	7.4	12	62
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	-0.10	–	–	–	–	–
GV4-C	–	70	0.5	8.0	7.0	85	GV4-C	–	66	0.9	2.6	12	85
GV4-B	–	–	1.0	9.5	6.4	83	GV4-B	–	–	0.8	9.4	7.5	82
GV4-A	–	–	0.8	17.0	1.4	81	GV4-A	–	–	0.4	16.5	2.1	81
GV4-1	–	–	5.1	1.1	13	81	GV4-1	–	–	8.9	5.9	12	73
GV4-2	–	–	19.8	0.4	18	62	GV4-2	–	–	11.3	3.3	14	71
GV4-3	–	–	2.1	9.8	7.7	80	GV4-3	–	–	8.3	5.0	12	77
GV4-4 X	–	–	0.0	19.1	0.0	81	**GV4-4 X**	–	–	0.0	19.1	0.4	81
GV4-5	–	–	13.5	0.5	18	68	GV4-5	–	–	14.8	0.7	19	66
GV4-6	–	–	2.1	9.5	8.4	80	GV4-6	–	–	4.3	7.7	10	78
GV4-7	–	–	15.9	4.2	15	65	GV4-7	–	–	17.2	0.2	18	65
LEG 5	–	–	–	–	–	–	**LEG 5**	-0.10	–	–	–	–	–
GV5-1	–	78	4.2	14.4	3.9	78	GV5-1	–	72	2.5	46.4	4.4	47
GV5-2	–	–	7.0	5.3	11	77	GV5-2	–	–	2.9	13.2	4.6	79
	–	–	10.0	1.6	14	74	GV5-3	–	–	0.0	19.0	0.1	81
GV5-4	–	–	21.5	0.0	17	62	GV5-4	–	–	0.0	19.7	0.5	80
GV5-5	–	–	5.1	8.6	8.1	78	GV5-5	–	–	0.1	18.8	0.9	80
GV5-6	–	–	3.4	12.6	6.0	78	GV5-6	–	–	0.0	20.0	0.1	80
GV5-7	–	–	14.0	0.8	16	69	GV5-7	–	–	0.0	18.4	0.9	81
GV5-8	–	–	27.3	0.0	20	53	GV5-8	–	–	22.5	0.2	20	57
GV5-9	–	–	27.2	0.0	20	53	GV5-9	–	–	23.4	0.0	20	57

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 09 - May 15, 2011						Week of:	May 16 - May 22, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	24.2	2.4	13	60	EW-1	-1.60	--	29.4	3.7	16	51
EW-2	--	--	0.0	10.6	8.2	81	EW-2	-1.60	--	0.0	5.2	11	84
EW-3	--	--	12.9	3.0	12	72	EW-3	-1.00	--	11.0	3.9	13	72
EW-4	--	--	21.3	0.0	19	60	EW-4	--	--	14.8	0.0	18	67
EW-5	--	--	29.7	0.0	21	49	EW-5	--	--	24.3	0.0	18	58
EW-6	--	--	27.2	0.0	21	52	EW-6	--	--	27.1	0.0	21	52
EW-7	--	--	29.9	0.0	22	48	EW-7	--	--	25.3	0.0	20	55
EW-8	--	--	30.1	0.0	21	49	EW-8	--	--	28.2	0.0	22	50
EW-9	--	--	37.0	0.0	23	40	EW-9	--	--	34.7	0.0	23	42
EW-10	--	--	3.6	1.8	6.8	88	EW-10	-0.10	--	3.8	0.3	11	85
EW-11	--	--	0.9	17.2	1.7	80	EW-11	-1.90	--	4.9	11.9	6.9	76
EW-12	--	--	2.2	13.1	5.6	79	EW-12	-1.60	--	2.0	9.8	5.6	83
SW1	--	--	33.7	0.0	22	44	SW1	--	--	32.5	0.0	24	44
SW2	--	--	35.9	0.0	24	40	SW2	--	--	34.1	0.0	23	43
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	9.9	0.0	18	72	NW1	--	--	5.4	0.0	18	77
NW2	--	--	36.8	0.0	24	39	NW2	--	--	29.2	0.0	24	47
NW3	--	--	43.7	0.0	26	30	NW3	--	--	31.4	0.0	25	44
NW4	--	--	22.2	0.0	16	62	NW4	--	--	16.1	0.0	17	67
NW5	--	--	11.5	0.0	18	71	NW5	--	--	4.6	0.0	17	78
NW6	--	--	48.5	0.0	29	23	NW6	--	--	21.3	0.0	24	55
NW7	--	--	62.8	0.0	25	12	NW7	--	--	60.3	0.0	26	14
NW8	--	--	20.5	0.0	17	63	NW8	--	--	9.4	0.3	17	73
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	3.20	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/31/2011

Subject: LFG Monitoring Summary - Week of 05/2311 - 05/29/11

Summary: All CPs remained in compliance this week.
There were seven (7) flare flame failures due to low methane or other issues.
Flare operating cycles were 120 to 360 mins ON and 180 to 240 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 28, 2011 with temps of 63°F to 69°F and mostly cloudy conditions.
Vacuum readings were last taken on May 22, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/23/2011	--	--	--	--	12:30	4:30	8:30#	--	4.0
5/24/2011	--	--	8:30	--	--	12:30	4:30	8:30	8.0
5/25/2011	0:30	4:30	8:30	--	--	12:30	4:30	6:00#	9.5
5/26/2011	--	--	7:30	--	--	1:30	5:30	11:30	12.0
5/27/2011	3:30	7:30	10:00	--	--	1:00	4:00#	--	7.0
5/28/2011	7:00	10:00	11:30	--	--	2:30	5:30	7:30#	8.0
5/29/2011	7:00	10:00#	11:00	1:00P	--	5:00#	7:30	9:00#	6.5
								Total Hrs. =	55.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/23/2011	--	--	--	--	--
5/24/2011	--	--	--	--	--
5/25/2011	--	--	--	--	--
5/26/2011	--	--	--	--	--
5/27/2011	--	--	--	--	--
5/28/2011	GV, S&EW	9:30A - 1:00P	--	29.94 - 29.93	S-F
5/29/2011	CPs & TGP/GP	10:00A - 2:00P	--	29.97 - 29.96	S-F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-May		24-May		25-May		26-May		27-May		28-May		29-May	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.4
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP1b-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
CP1b-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
CP1b-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.9
TGP1b-E	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
TGP1b-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP1b-F	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP1b-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP1b-G	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
TGP1b-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP1b-H	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP1b-D	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
GP-03	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
TGP-82	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.9
GP-04	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.7
TGP-83	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
CP2-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
CP2-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP2-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.8
CP2-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.4
CP-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP2-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.5
CP2-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
TGP-06	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
TGP-East	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
TGP-Dada	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
CP3-1RR	--	--	--	--	--	--	--	--	--	--	--	--	0.0	9.8
CP3-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.7
CP3-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.6
CP3-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.5
CP3-7R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
CP3-8R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP3-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.9
CP3-10R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
CP3-12R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP3-13R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
CP3-14R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.8
CP3-15R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
TGP-89	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.2
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	10.1
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.3
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.9
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.9
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.9
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.0
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.3
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.2

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-May		24-May		25-May		26-May		27-May		28-May		29-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	8.1
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.0
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.2
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.5
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.0
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	10.0
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.2
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-69	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-90	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
GP-17	--	--	--	--	--	--	--	--	--	--	--	--	0.0	10.3
TGP-91	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
GP-18	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-73	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
TGP-74	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
TGP-84	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.8
TGP-75	--	--	--	--	--	--	--	--	--	--	--	--	0.0	8.1
TGP-85	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
TGP-72	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
TGP-86	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
TGP-32	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2

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(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 16 - May 22, 2011						Week of:	May 23 - May 29, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-2.50	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	60	0.6	1.1	17	81	GV1-1	–	50	0.1	14.6	5	80
GV1-2	–	54	30.0	3.2	23	44	GV1-2	–	50	45.3	0.0	29	26
GV1-3	–	60	4.5	1.0	17	78	GV1-3	–	58	23.6	0.0	23	53
GV1-4	–	62	4.9	0.8	17	77	GV1-4	–	60	30.6	0.0	24	45
GV1-5	–	62	23.6	0.0	23	53	GV1-5	–	66	26.7	0.0	23	50
GV1-6	–	60	2.5	0.5	16	81	GV1-6	–	68	24.4	0.0	23	53
GV1-7	–	60	3.6	0.0	17	79	GV1-7	–	64	8.4	0.0	18	74
GV1-8	–	62	2.6	0.3	17	80	GV1-8	–	64	4.5	0.0	17	79
GV1-9	–	60	0.7	1.3	15	83	GV1-9	–	62	4.9	0.0	18	77
GV1-10X	–	64	2.3	1.6	17	79	**GV1-10X**	–	66	6.5	0.6	18	75
GV1-11	–	60	3.7	4.2	12	80	GV1-11	–	64	2.1	10.6	6.9	80
GV1-12	–	60	8.8	0.1	18	73	GV1-12	–	62	8.5	0.0	18	74
GV1-13	–	58	2.2	0.0	16	82	GV1-13	–	60	3.4	0.0	15	82
LEG 1b	-2.10	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.3	16.3	2.0	81	GV1b-1	–	–	0.2	17.3	1.9	81
GV1b-2	–	54	0.1	17.5	1.8	81	GV1b-2	–	66	1.3	16.2	3.4	79
GV1b-3	–	60	0.2	18.1	1.6	80	GV1b-3	–	62	0.7	19.1	1.2	79
GV1b-4	–	60	0.6	11.4	6.4	82	GV1b-4	–	64	0.9	12.0	6.3	81
GV1b-5	–	62	0.9	1.5	14	84	GV1b-5	–	62	0.8	3.8	13	82
LEG 2	-0.50	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	66	1.8	13.5	4.0	81	GV2-1	–	68	5.0	12.0	6.9	76
GV2-2	–	68	0.4	13.6	2.5	84	GV2-2	–	72	2.4	8.4	8.1	81
GV2-3	–	68	2.6	6.0	10	82	GV2-3	–	78	14.9	1.8	14	69
GV2-4	–	82	2.0	10.4	7.4	80	GV2-4	–	82	4.4	9.3	8.2	78
LEG 3	-0.30	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	60.3	0.3	25	14	GV3-1	–	–	60.3	0.0	26	15
GV3-2	–	–	9.8	5.8	11	73	GV3-2	–	–	55.2	0.0	24	21
GV3-3	–	–	0.0	15.9	3.8	80	GV3-3	–	–	39.1	1.7	20	39
GV3-4	–	64	9.8	2.0	14	74	GV3-4	–	72	26.4	0.0	19	55
GV3-5	–	–	1.3	5.1	9.2	84	GV3-5	–	–	58.3	0.0	25	17
GV3-6	–	–	4.3	0.2	15	81	GV3-6	–	–	48.3	0.0	23	29
GV3-7	–	–	1.1	16.4	2.4	80	GV3-7	–	–	43.2	2.6	20	34
GV3-8	–	–	3.5	3.8	11	82	GV3-8	–	–	54.9	0.0	24	21
GV3-9	–	–	4.1	3.1	12	81	GV3-9	–	–	15.1	0.6	12	72
GV3-10 X	–	–	0.0	6.2	8	86	**GV3-10 X**	–	–	4.3	0.2	21	75
GV3-11	–	–	0.6	4.1	12	83	GV3-11	–	–	37.5	1.6	19	42
GV3-12	–	–	0.6	4.9	12	83	GV3-12	–	–	33.9	3.1	18	45
GV3-13	–	–	4.0	15.5	4.3	76	GV3-13	–	–	33.3	3.4	17	46
GV3-14	–	–	19.0	7.4	12	62	GV3-14	–	–	41.6	0.0	21	37
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	-0.10	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	66	0.9	2.6	12	85	GV4-C	–	70	6.3	1.5	14	78
GV4-B	–	–	0.8	9.4	7.5	82	GV4-B	–	–	5.2	4.3	11	80
GV4-A	–	–	0.4	16.5	2.1	81	GV4-A	–	–	18.2	6.9	13	62
GV4-1	–	–	8.9	5.9	12	73	GV4-1	–	–	15.0	6.0	12	67
GV4-2	–	–	11.3	3.3	14	71	GV4-2	–	–	23.6	2.0	17	57
GV4-3	–	–	6.3	5.0	12	77	GV4-3	–	–	9.2	3.9	12	76
GV4-4 X	–	–	0.0	19.1	0.4	81	**GV4-4 X**	–	–	0.0	19.3	0.4	80
GV4-5	–	–	14.6	0.7	19	66	GV4-5	–	–	17.1	5.4	14	64
GV4-6	–	–	4.3	7.7	10	78	GV4-6	–	–	12.8	3.5	14	70
GV4-7	–	–	17.2	0.2	18	65	GV4-7	–	–	31.8	0.0	20	48
LEG 5	-0.10	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	72	2.5	46.4	4.4	47	GV5-1	–	74	36.9	0.0	20	43
GV5-2	–	–	2.9	13.2	4.8	79	GV5-2	–	–	42.8	0.0	18	39
	–	–	0.0	19.0	0.1	81	GV5-3	–	–	29.5	0.0	19	52
GV5-4	–	–	0.0	19.7	0.5	80	GV5-4	–	–	22.8	0.0	14	63
GV5-5	–	–	0.1	18.9	0.9	80	GV5-5	–	–	32.7	0.0	19	48
GV5-6	–	–	0.0	20.0	0.1	80	GV5-6	–	–	32.8	0.0	19	48
GV5-7	–	–	0.0	18.4	0.9	81	GV5-7	–	–	30.9	0.0	19	50
GV5-8	–	–	22.5	0.2	20	57	GV5-8	–	–	24.1	0.0	21	55
GV5-9	–	–	23.4	0.0	20	57	GV5-9	–	–	25.0	0.0	21	54

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 16 - May 22, 2011						Week of:	May 23 - May 29, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-1.80	–	29.4	3.7	16	51	EW-1	–	–	9.1	3.2	14	74
EW-2	-1.60	–	0.0	5.2	11	84	EW-2	–	–	0.0	8.9	10	81
EW-3	-1.00	–	11.0	3.9	13	72	EW-3	–	–	8.2	6.7	11	74
EW-4	–	–	14.8	0.0	18	67	EW-4	–	–	13.5	0.2	18	68
EW-5	–	–	24.3	0.0	18	58	EW-5	–	–	29.9	0.0	23	47
EW-6	–	–	27.1	0.0	21	52	EW-6	–	–	22.3	0.0	20	58
EW-7	–	–	25.3	0.0	20	55	EW-7	–	–	26.8	0.0	20	53
EW-8	–	–	28.2	0.0	22	50	EW-8	–	–	28.4	0.0	21	51
EW-9	–	–	34.7	0.0	23	42	EW-9	–	–	31.9	0.0	23	45
EW-10	-0.10	–	3.8	0.3	11	85	EW-10	–	–	3.2	0.0	8.5	88
EW-11	-1.90	–	4.9	11.9	6.9	76	EW-11	–	–	5.5	11.1	8.1	75
EW-12	-1.60	–	2.0	9.8	5.6	83	EW-12	–	–	3.5	11.4	6.5	79
SW1	–	–	32.5	0.0	24	44	SW1	–	–	32.1	0.0	24	44
SW2	–	–	34.1	0.0	23	43	SW2	–	–	33.2	0.0	25	42
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	5.4	0.0	18	77	NW1	–	–	21.7	0.0	21	57
NW2	–	–	29.2	0.0	24	47	NW2	–	–	47.1	1.1	25	27
NW3	–	–	31.4	0.0	25	44	NW3	–	–	48.2	0.0	29	23
NW4	–	–	16.1	0.0	17	67	NW4	–	–	32.1	0.0	22	46
NW5	–	–	4.6	0.0	17	78	NW5	–	–	54.2	0.0	28	18
NW6	–	–	21.3	0.0	24	55	NW6	–	–	51.7	0.2	29	19
NW7	–	–	60.3	0.0	26	14	NW7	–	–	56.7	0.0	27	16
NW8	–	–	9.4	0.3	17	73	NW8	–	–	20.1	0.0	19	61
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	3.20	–	–	–	–	FLARE 90	–	2.90	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

July 8, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – June 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for June 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
G. Montfort
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 197 – June 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries);
  - On May 31, 2011 the VRAC received an Agency Oversight bill from U.S. EPA. The bill was associated with Agency oversight of the project during the period of February 1, 2010 through January 31, 2011 and is in the amount of $52,354.79. On June 8, 2011 legal representatives for U.S. EPA and the VRAC participated in a call to discuss the bill. Based on this call U.S. EPA will re-issue the bill and confirm appropriate cost under the AOC; and,
  - Based on the current project stage, in an e-mail dated June 16, 2011, the VRAC proposed to U.S. EPA the discontinuation of routine project status calls. U.S. EPA concurred with this recommendation.
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of June 2011 are presented as Attachment A of this report; and,

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- On May 12, 2011 the VRAC's contractor (SCS Engineers) performed the annual LGAS influent sampling event. Three summa canister samples were collected and sent to a laboratory (TestAmerica) for Method 25C (non-methane organic compounds/NMOC) and Method 3C (primary gases) analysis. The results (provided as Attachment B to this report) are summarized in the table below:

E. Site Data (Continued)

Sample Date	May 12, 2011		
Test Method	25C NMOC (ppmc)* (Note 1)	3C CH4 (% vol.)	3C O2 (% vol.)
Run #1	301	22	3.0
Run #2	286	21	3.0
Run #3	282	21	3.5
Average	290	21	3.2

* ppmc = parts per million reported as Carbon

Note: (1) Method 25C normally requires a NMOC correction for high levels of nitrogen in the sample to adjust for the presence of air. Since the purpose of this test is to evaluate the actual gas being burned in the LGAS flare, the nitrogen correction is not applicable in this case. Historically, SCS has either requested that the lab not make the correction or report both the corrected and uncorrected NMOC results. TestAmerica lab recently started using a new computer system that automatically corrects the NMOC results for nitrogen. The NMOC results reported in the lab result summary is therefore not comparable to the previous results. The raw, uncorrected NMOC results are found on pages 126, 137, and 148 of the Analytical Results data package in the Method 25C detail section. The NMOC result, not corrected for nitrogen, is the raw NMOC result multiplied by the sample NMOC dilution factor. The above NMOC results represent the comparable uncorrected NMOC concentrations in the sampled gas.

The average actual NMOC content of the gas being collected by the LGAS and sent to the flare is only about fifteen to twenty percent of the amount from eleven years ago. Compared to last year's test, the NMOC is slightly higher (120 ppmc), which correlates with the level of methane in the gas being slightly higher than in the 2010 sampling.

F. Planned Activities for the Next Reporting Period (July 2011)

- Develop Monthly Progress Report #197 summarizing activities in June 2011 for submission to the U.S. EPA; and,

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- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (July 2011)

- July 10 - Anticipated submittal of the June 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
Call	06/08	U.S. EPA	U.S. EPA Oversight Bill;
dmi transmittal	06/10	U.S. EPA, et al.	Monthly Progress Report for the Month of May 2011;
dmi e-mail	06/18	U.S. EPA, et al.	Routine Project Status Call; and,
U.S. EPA e-mail	06/18	dmi/ VRAC	Routine project Status Call.

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/9/2011

Subject: LFG Monitoring Summary - Week of 05/30/11 - 06/05/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failures due to low methane or other issues.
Flare operating cycles were 120 to 480 mins ON and 240 to 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 3, 2011 with temps of 61°F to 72°F and mostly cloudy conditions.
Vacuum readings were last taken on May 22, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/30/2011	--	--	--	--	--	--	5:30	7:30#	2.0
5/31/2011	--	--	--	--	--	--	7:00	9:00	2.0
6/1/2011	1:00	3:30	8:00	--	--	3:00#	--	--	9.5
6/2/2011	--	--	8:00	10:30	--	--	5:30	7:30#	4.5
6/3/2011	--	--	11:00	--	--	3:00#	--	--	4.0
6/4/2011	--	--	7:30	--	--	1:30#	--	--	6.0
6/5/2011	--	--	--	--	1:30	2:00#	--	--	0.5
								Total Hrs. =	28.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EDST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/30/2011	--	--	--	--	--
5/31/2011	--	--	--	--	--
6/1/2011	--	--	--	--	--
6/2/2011	--	--	--	--	--
6/3/2011	GV, S&EW	10:00A - 1:00P	--	30.23 - 30.22	S-F
6/4/2011	CPs & TGP/GP	10:00A - 3:00P	--	30.12 - 30.04	F
6/5/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

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VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	30-May		31-May		1-Jun		2-Jun		3-Jun		4-Jun		5-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	11.5	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	13.9	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	12.9	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = *Value not recorded.*

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	30-May		31-May		1-Jun		2-Jun		3-Jun		4-Jun		5-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	10.3	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	11.1	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	10.2	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	11.8	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	10.0	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 23 - May 29, 2011						Week of:	May 30 - Jun 05, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	50	0.1	14.6	5	80	GV1-1	--	78	0.1	15.7	4.6	80
GV1-2	--	50	45.3	0.0	29	26	GV1-2	--	52	33.7	0.2	26	40
GV1-3	--	58	23.6	0.0	23	53	GV1-3	--	60	23.1	0.0	23	54
GV1-4	--	60	30.6	0.0	24	45	GV1-4	--	68	32.9	0.0	24	43
GV1-5	--	66	26.7	0.0	23	50	GV1-5	--	68	29.8	0.0	23	47
GV1-6	--	66	24.4	0.0	23	53	GV1-6	--	68	29.1	0.0	24	47
GV1-7	--	64	8.4	0.0	18	74	GV1-7	--	68	9.3	0.0	19	72
GV1-8	--	64	4.5	0.0	17	79	GV1-8	--	68	5.6	0.5	16	78
GV1-9	--	62	4.9	0.0	18	77	GV1-9	--	62	6.3	0.0	18	76
GV1-10X	--	66	6.5	0.6	18	75	**GV1-10X**	--	68	5.9	0.8	17	76
GV1-11	--	64	2.1	10.8	6.9	80	GV1-11	--	66	0.2	18.6	0.6	80
GV1-12	--	62	8.5	0.0	18	74	GV1-12	--	62	11.4	0.0	19	70
GV1-13	--	60	3.4	0.0	15	82	GV1-13	--	68	3.7	0.0	16	80
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.2	17.3	1.9	81	GV1b-1	--	--	0.2	16.6	2.5	81
GV1b-2	--	66	1.3	16.2	3.4	79	GV1b-2	--	70	2.0	13.8	5.8	78
GV1b-3	--	62	0.7	19.1	1.2	79	GV1b-3	--	64	0.8	16.7	3.1	79
GV1b-4	--	64	0.9	12.0	6.3	81	GV1b-4	--	70	0.5	9.7	8.4	81
GV1b-5	--	62	0.8	3.8	13	82	GV1b-5	--	64	0.8	4.7	12	83
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	68	5.0	12.0	6.9	76	GV2-1	--	72	3.1	13.8	5.7	77
GV2-2	--	72	2.4	8.4	8.1	81	GV2-2	--	78	0.3	10.7	7.2	82
GV2-3	--	78	14.9	1.8	14	69	GV2-3	--	78	6.9	2.2	14	77
GV2-4	--	82	4.4	9.3	8.2	78	GV2-4	--	84	2.4	5.3	10	82
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	60.3	0.0	25	15	GV3-1	--	--	58.3	0.0	25	17
GV3-2	--	--	55.2	0.0	24	21	GV3-2	--	--	42.3	0.3	23	34
GV3-3	--	--	39.1	1.7	20	39	GV3-3	--	--	0.0	18.1	4.8	77
GV3-4	--	72	26.4	0.0	19	55	GV3-4	--	72	1.0	9.9	7.8	81
GV3-5	--	--	58.3	0.0	25	17	GV3-5	--	--	5.6	4.7	12	78
GV3-6	--	--	46.3	0.0	23	29	GV3-6	--	--	4.5	1.4	13	81
GV3-7	--	--	43.2	2.6	20	34	GV3-7	--	--	0.3	12.9	4.4	82
GV3-8	--	--	54.9	0.0	24	21	GV3-8	--	--	1.3	0.0	12	87
GV3-9	--	--	15.1	0.6	12	72	GV3-9	--	--	8.5	4.2	10	77
GV3-10 X	--	--	4.3	0.2	21	75	**GV3-10 X**	--	--	0.9	6.5	8.9	84
GV3-11	--	--	37.5	1.6	19	42	GV3-11	--	--	1.0	4.0	12	83
GV3-12	--	--	33.9	3.1	18	45	GV3-12	--	--	0.8	8.2	8.3	83
GV3-13	--	--	33.3	3.4	17	46	GV3-13	--	--	1.1	8.1	9.3	82
GV3-14	--	--	41.6	0.0	21	37	GV3-14	--	--	21.5	4.8	14	60
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	70	6.3	1.5	14	78	GV4-C	--	72	2.0	7.7	8.6	82
GV4-B	--	--	5.2	4.3	11	80	GV4-B	--	--	1.0	9.6	7.4	82
GV4-A	--	--	18.2	6.9	13	62	GV4-A	--	--	1.7	13.2	5.2	80
GV4-1	--	--	15.0	6.0	12	67	GV4-1	--	--	1.8	11.5	6.5	80
GV4-2	--	--	23.6	2.0	17	57	GV4-2	--	--	4.9	5.4	13	77
GV4-3	--	--	9.2	3.9	12	75	GV4-3	--	--	4.0	9.4	8.4	78
GV4-4 X	--	--	0.0	19.3	0.4	80	**GV4-4 X**	--	--	0.0	20.1	0.0	80
GV4-5	--	--	17.1	5.4	14	64	GV4-5	--	--	9.1	6.7	10	74
GV4-6	--	--	12.8	3.5	14	70	GV4-6	--	--	12.1	8.3	11	69
GV4-7	--	--	31.8	0.0	20	48	GV4-7	--	--	24.7	0.0	21	54
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	74	36.9	0.0	20	43	GV5-1	--	78	2.2	16.3	1.6	80
GV5-2	--	--	42.6	0.0	18	39	GV5-2	--	--	24.0	2.4	18	56
	--	--	29.5	0.0	19	52	GV5-3	--	--	28.0	1.1	19	52
GV5-4	--	--	22.8	0.0	14	63	GV5-4	--	--	17.1	8.3	12	63
GV5-5	--	--	32.7	0.0	19	48	GV5-5	--	--	5.5	16.3	3.8	74
GV5-6	--	--	32.8	0.0	19	48	GV5-6	--	--	11.6	15.8	7.8	65
GV5-7	--	--	30.9	0.0	19	50	GV5-7	--	--	6.3	15.7	4.4	74
GV5-8	--	--	24.1	0.0	21	55	GV5-8	--	--	22.1	0.3	21	57
GV5-9	--	--	25.0	0.0	21	54	GV5-9	--	--	21.8	0.0	21	57

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 23 - May 29, 2011						Week of:	May 30 - Jun 05, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	–	–	9.1	3.2	14	74	EW-1	–	–	28.9	2.9	18	50
EW-2	–	–	0.0	8.9	10	81	EW-2	–	–	0.0	4.5	12	84
EW-3	–	–	8.2	6.7	11	74	EW-3	–	–	13.4	2.2	14	70
EW-4	–	–	13.5	0.2	18	68	EW-4	–	–	26.1	0.0	22	52
EW-5	–	–	29.9	0.0	23	47	EW-5	–	–	32.3	0.0	23	45
EW-6	–	–	22.3	0.0	20	58	EW-6	–	–	24.9	0.2	19	56
EW-7	–	–	26.8	0.0	20	53	EW-7	–	–	28.4	0.0	21	51
EW-8	–	–	28.4	0.0	21	51	EW-8	–	–	34.3	0.0	23	43
EW-9	–	–	31.9	0.0	23	45	EW-9	–	–	38.7	0.0	23	40
EW-10	–	–	3.2	0.0	8.5	88	EW-10	–	–	7.2	6.7	10	76
EW-11	–	–	5.5	11.1	8.1	75	EW-11	–	–	6.8	10.6	8.5	74
EW-12	–	–	3.5	11.4	6.5	79	EW-12	–	–	2.9	8.4	8.6	80
SW1	–	–	32.1	0.0	24	44	SW1	–	–	30.1	0.0	22	48
SW2	–	–	33.2	0.0	25	42	SW2	–	–	31.3	0.0	23	46
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	21.7	0.0	21	57	NW1	–	–	6.1	0.0	19	75
NW2	–	–	47.1	1.1	25	27	NW2	–	–	30.2	0.0	24	46
NW3	–	–	48.2	0.0	29	23	NW3	–	–	39.0	0.0	26	35
NW4	–	–	32.1	0.0	22	46	NW4	–	–	18.8	0.0	18	63
NW5	–	–	54.2	0.0	28	18	NW5	–	–	6.7	0.3	18	75
NW6	–	–	51.7	0.2	29	19	NW6	–	–	35.2	0.0	26	39
NW7	–	–	56.7	0.0	27	16	NW7	–	–	57.3	0.0	27	16
NW8	–	–	20.1	0.0	19	61	NW8	–	–	9.6	0.0	17	73
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.90	–	–	–	–	FLARE 90	–	2.90	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/20/2011

Subject: LFG Monitoring Summary - Week of 06/06/11 - 06/12/11

Summary: All CPs remained in compliance this week.
There were eight (8) flare flame failures due to low methane or other issues.
Flare operating cycles were 120 to 240 mins ON and 240 to 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 8, 2011 with temps of 81°F to 89°F and clear conditions.
Vacuum readings were last taken on May 22, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/6/2011	--	--	--	--	12:00	4:00	10:00	12:00	6.0
6/7/2011	0:00#	--	--	--	1:30	4:00#	--	--	2.5
6/8/2011	--	--	9:30	10:30#	--	--	7:30	8:30#	2.0
6/9/2011	--	--	9:00	9:30#	1:30	3:00#	--	--	2.0
6/10/2011	--	--	8:00	9:00#	--	--	--	--	1.0
6/11/2011	--	--	7:30	9:00#	--	--	--	--	1.5
6/12/2011	--	--	--	--	1:00	3:00	--	--	2.0
								Total Hrs. =	17.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EDST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/6/2011	--	--	--	--	--
6/7/2011	--	--	--	--	--
6/8/2011	GV, S&EW	9:30A - 12:30P	--	29.99 - 29.97	F
6/9/2011	CPs & TGP/GP	9:30A - 1:30P	0.0	30.01	S
6/10/2011	--	--	--	--	--
6/11/2011	--	--	--	--	--
6/12/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	6-Jun		7-Jun		8-Jun		9-Jun		10-Jun		11-Jun		12-Jun	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	10.3	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	15.5	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	13.4	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	14.9	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	10.8	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	16.7	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	15.7	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) *Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume*

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	6-Jun		7-Jun		8-Jun		9-Jun		10-Jun		11-Jun		12-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	10.3	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	7.9	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	12.2	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	10.5	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--

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(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 30 - Jun 05, 2011						Week of:	Jun 06 - Jun 12, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	78	0.1	15.7	4.6	80	GV1-1	–	80	0.2	16.2	3.4	80
GV1-2	–	52	33.7	0.2	26	40	GV1-2	–	72	44.6	0.0	28	27
GV1-3	–	60	23.1	0.0	23	54	GV1-3	–	78	17.5	0.0	19	64
GV1-4	–	68	32.9	0.0	24	43	GV1-4	–	80	37.4	0.0	25	38
GV1-5	–	68	29.8	0.0	23	47	GV1-5	–	82	32.5	0.0	24	44
GV1-6	–	68	28.1	0.0	24	47	GV1-6	–	84	31.1	0.0	24	45
GV1-7	–	68	9.3	0.0	19	72	GV1-7	–	80	9.9	0.0	18	72
GV1-8	–	68	5.6	0.5	16	78	GV1-8	–	82	8.6	0.0	18	73
GV1-9	–	62	6.3	0.0	18	76	GV1-9	–	80	8.5	0.0	17	75
GV1-10X	–	68	5.9	0.8	17	76	**GV1-10X**	–	84	7.8	0.0	17	75
GV1-11	–	66	0.2	18.8	0.6	80	GV1-11	–	86	1.7	13.7	3.8	81
GV1-12	–	62	11.4	0.0	19	70	GV1-12	–	84	7.4	0.0	17	76
GV1-13	–	68	3.7	0.0	16	80	GV1-13	–	78	5.0	0.0	15	80
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.2	18.6	2.5	81	GV1b-1	–	–	0.1	15.6	2.7	82
GV1b-2	–	70	2.0	13.8	5.8	78	GV1b-2	–	82	2.2	11.7	7.0	79
GV1b-3	–	64	0.8	16.7	3.1	79	GV1b-3	–	78	1.3	13.1	5.4	80
GV1b-4	–	70	0.5	9.7	8.4	81	GV1b-4	–	80	0.7	8.5	8.8	82
GV1b-5	–	64	0.8	4.7	12	83	GV1b-5	–	80	1.1	5.3	11	83
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	72	3.1	13.8	5.7	77	GV2-1	–	82	2.3	3.1	11	84
GV2-2	–	78	0.3	10.7	7.2	82	GV2-2	–	86	4.0	2.3	12	82
GV2-3	–	78	6.9	2.2	14	77	GV2-3	–	86	4.3	0.7	13	82
GV2-4	–	84	2.4	5.3	10	82	GV2-4	–	90	3.2	1.1	13	83
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	58.3	0.0	25	17	GV3-1	–	–	54.8	0.0	25	20
GV3-2	–	–	42.3	0.3	23	34	GV3-2	–	–	39.0	0.0	22	39
GV3-3	–	–	0.0	18.1	4.8	77	GV3-3	–	–	41.8	1.5	21	36
GV3-4	–	72	1.0	9.9	7.8	81	GV3-4	–	72	39.1	1.8	20	39
GV3-5	–	–	5.8	4.7	12	78	GV3-5	–	–	32.3	2.8	18	47
GV3-6	–	–	4.5	1.4	13	81	GV3-6	–	–	5.0	5.7	9.2	80
GV3-7	–	–	0.3	12.9	4.4	82	GV3-7	–	–	2.6	6.5	8.8	82
GV3-8	–	–	1.3	0.0	12	87	GV3-8	–	–	4.1	2.5	11	82
GV3-9	–	–	8.5	4.2	10	77	GV3-9	–	–	7.2	1.9	11	80
GV3-10 X	–	–	0.9	6.5	8.9	84	**GV3-10 X**	–	–	6.6	2.3	10	81
GV3-11	–	–	1.0	4.0	12	83	GV3-11	–	–	1.3	12.8	4.6	81
GV3-12	–	–	0.8	8.2	8.3	83	GV3-12	–	–	1.4	12.6	4.8	81
GV3-13	–	–	1.1	8.1	9.3	82	GV3-13	–	–	2.1	13.4	4.2	80
GV3-14	–	–	21.5	4.8	14	60	GV3-14	–	–	19.5	4.7	13	63
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	72	2.0	7.7	8.6	82	GV4-C	–	80	5.0	9.1	8.2	78
GV4-B	–	–	1.0	9.6	7.4	82	GV4-B	–	–	6.8	8.1	9.4	76
GV4-A	–	–	1.7	13.2	5.2	80	GV4-A	–	–	8.8	7.7	10	74
GV4-1	–	–	1.8	11.5	6.5	80	GV4-1	–	–	7.4	8.1	10	75
GV4-2	–	–	4.9	5.4	13	77	GV4-2	–	–	7.8	7.9	10	74
GV4-3	–	–	4.0	9.4	8.4	78	GV4-3	–	–	18.8	3.0	15	63
GV4-4 X	–	–	0.0	20.1	0.0	80	**GV4-4 X**	–	–	0.0	18.9	0.2	81
GV4-5	–	–	9.1	6.7	10	74	GV4-5	–	–	17.1	3.1	14	66
GV4-6	–	–	12.1	8.3	11	69	GV4-6	–	–	16.7	4.1	14	65
GV4-7	–	–	24.7	0.0	21	54	GV4-7	–	–	27.1	0.0	20	53
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	78	2.2	16.3	1.6	80	GV5-1	–	84	36.9	0.0	21	42
GV5-2	–	–	24.0	2.4	18	56	GV5-2	–	–	36.1	0.0	19	45
	–	–	28.0	1.1	19	52	GV5-3	–	–	28.3	0.0	22	50
GV5-4	–	–	17.1	8.3	12	63	GV5-4	–	–	30.6	0.0	20	49
GV5-5	–	–	5.5	16.3	3.8	74	GV5-5	–	–	27.6	0.4	19	53
GV5-6	–	–	11.6	15.8	7.8	65	GV5-6	–	–	28.4	0.8	19	52
GV5-7	–	–	6.3	15.7	4.4	74	GV5-7	–	–	30.4	0.2	19	50
GV5-8	–	–	22.1	0.3	21	57	GV5-8	–	–	19.8	0.0	20	60
GV5-9	–	–	21.8	0.0	21	57	GV5-9	–	–	20.7	0.0	21	58

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(3) NS = Not sampled due to instrument failure;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 30 - Jun 05, 2011						Week of:	Jun 06 - Jun 12, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	28.9	2.9	18	50	EW-1	--	--	31.7	1.2	19	48
EW-2	--	--	0.0	4.5	12	84	EW-2	--	--	0.0	3.2	13	84
EW-3	--	--	13.4	2.2	14	70	EW-3	--	--	17.4	0.3	15	67
EW-4	--	--	28.1	0.0	22	52	EW-4	--	--	30.9	0.0	22	47
EW-5	--	--	32.3	0.0	23	45	EW-5	--	--	31.3	0.0	22	47
EW-6	--	--	24.9	0.2	19	56	EW-6	--	--	21.8	2.2	17	59
EW-7	--	--	28.4	0.0	21	51	EW-7	--	--	26.2	0.0	20	54
EW-8	--	--	34.3	0.0	23	43	EW-8	--	--	31.8	0.0	22	46
EW-9	--	--	36.7	0.0	23	40	EW-9	--	--	37.4	0.0	24	39
EW-10	--	--	7.2	6.7	10	76	EW-10	--	--	7.9	5.9	10	76
EW-11	--	--	6.8	10.6	8.5	74	EW-11	--	--	12.0	2.8	16	69
EW-12	--	--	2.9	8.4	8.6	80	EW-12	--	--	2.8	6.2	10	81
SW1	--	--	30.1	0.0	22	48	SW1	--	--	3.2	0.0	22	75
SW2	--	--	31.3	0.0	23	48	SW2	--	--	34.2	0.0	23	43
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	6.1	0.0	19	75	NW1	--	--	6.2	0.0	18	76
NW2	--	--	30.2	0.0	24	46	NW2	--	--	30.9	0.0	23	46
NW3	--	--	39.0	0.0	26	35	NW3	--	--	35.6	0.0	25	39
NW4	--	--	18.8	0.0	18	63	NW4	--	--	20.7	0.0	18	61
NW5	--	--	6.7	0.3	18	75	NW5	--	--	6.9	0.0	18	75
NW6	--	--	35.2	0.0	26	39	NW6	--	--	35.9	0.0	26	38
NW7	--	--	57.3	0.0	27	16	NW7	--	--	55.3	0.0	27	18
NW8	--	--	9.6	0.0	17	73	NW8	--	--	8.3	0.2	17	75
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
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(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/23/2011

Subject: LFG Monitoring Summary - Week of 06/13/11 - 06/19/11

Summary: All CPs remained in compliance this week.
There were six (6) flare flame failures due to low methane or other issues.
Flare operating cycles were 180 to 240 mins ON and 240 to 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 16, 2011 with temps of 69°F to 77°F and partly cloudy conditions.
Vacuum readings were last taken on May 22, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/13/2011	--	--	--	--	3:00	6:00	--	--	3.0
6/14/2011	0:00#	--	10:00	--	--	1:00	7:00	7:30#	3.5
6/15/2011	--	--	8:30	10:00#	12:30	4:30	--	--	5.5
6/16/2011	0:30	4:30	--	--	12:30	1:00#	--	--	4.5
6/17/2011	--	--	--	--	12:30	4:00#	--	--	3.5
6/18/2011	--	--	10:00	11:00	3:00	3:30#	--	--	1.5
6/19/2011	--	--	--	--	4:00	8:00	--	--	4.0
								Total Hrs. =	25.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/13/2011	--	--	--	--	--
6/14/2011	--	--	--	--	--
6/15/2011	--	--	--	--	--
6/16/2011	GV, S&EW	9:30A - 12:30P	0.0	30.01	S
6/17/2011	CPs & TGP/GP	9:00A - 1:30P	--	--	--
6/18/2011	--	--	--	--	--
6/19/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	13-Jun		14-Jun		15-Jun		16-Jun		17-Jun		18-Jun		19-Jun	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	12.4	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	13.2	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of DEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	13-Jun		14-Jun		15-Jun		16-Jun		17-Jun		18-Jun		19-Jun	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
TGP-76	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	8.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	11.9	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	12.3	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 08 - Jun 12, 2011						Week of:	Jun 13 - Jun 19, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	80	0.2	16.2	3.4	80	GV1-1	--	70	16.2	4.8	16	63
GV1-2	--	72	44.6	0.0	28	27	GV1-2	--	68	44.6	0.0	27	28
GV1-3	--	78	17.5	0.0	19	64	GV1-3	--	64	32.3	0.0	25	43
GV1-4	--	80	37.4	0.0	25	38	GV1-4	--	66	39.2	0.0	26	35
GV1-5	--	82	32.5	0.0	24	44	GV1-5	--	66	31.9	0.0	24	44
GV1-6	--	84	31.1	0.0	24	45	GV1-6	--	68	33.0	0.0	25	42
GV1-7	--	60	9.9	0.0	18	72	GV1-7	--	66	17.0	0.0	22	61
GV1-8	--	82	8.6	0.0	18	73	GV1-8	--	64	12.5	0.0	19	69
GV1-9	--	80	8.5	0.0	17	75	GV1-9	--	64	11.2	0.0	19	70
GV1-10X	--	84	7.6	0.0	17	75	**GV1-10X**	--	68	7.2	0.4	18	74
GV1-11	--	86	1.7	13.7	3.8	81	GV1-11	--	68	4.0	12.3	7.2	77
GV1-12	--	84	7.4	0.0	17	76	GV1-12	--	66	14.1	0.3	20	66
GV1-13	--	78	5.0	0.0	15	80	GV1-13	--	64	7.1	0.1	17	76
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.1	15.8	2.7	82	GV1b-1	--	--	0.4	14.9	3.7	81
GV1b-2	--	82	2.2	11.7	7.0	79	GV1b-2	--	68	3.1	12.9	7.4	77
GV1b-3	--	76	1.3	13.1	5.4	80	GV1b-3	--	64	0.8	16.9	2.8	80
GV1b-4	--	80	0.7	8.5	8.8	82	GV1b-4	--	64	0.4	12.0	7.7	80
GV1b-5	--	80	1.1	5.3	11	83	GV1b-5	--	66	0.8	4.6	13	82
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	82	2.3	3.1	11	84	GV2-1	--	70	6.6	11.3	8.4	74
GV2-2	--	86	4.0	2.3	12	82	GV2-2	--	72	14.3	4.4	15	66
GV2-3	--	86	4.3	0.7	13	82	GV2-3	--	72	18.5	2.1	16	63
GV2-4	--	90	3.2	1.1	13	83	GV2-4	--	80	4.2	1.8	14	80
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	54.6	0.0	25	20	GV3-1	--	--	2.9	7.7	10	79
GV3-2	--	--	39.0	0.0	22	39	GV3-2	--	--	12.9	5.5	13	69
GV3-3	--	--	41.8	1.5	21	36	GV3-3	--	--	3.4	9.0	8.8	79
GV3-4	--	72	39.1	1.8	20	39	GV3-4	--	68	5.4	6.3	11	77
GV3-5	--	--	32.3	2.6	18	47	GV3-5	--	--	3.3	6.8	10	80
GV3-6	--	--	5.0	5.7	9.2	80	GV3-6	--	--	6.0	2.4	13	79
GV3-7	--	--	2.6	6.5	8.8	82	GV3-7	--	--	10.2	1.7	15	73
GV3-8	--	--	4.1	2.5	11	82	GV3-8	--	--	6.0	2.2	11	81
GV3-9	--	--	7.2	1.9	11	80	GV3-9	--	--	8.2	3.4	11	77
GV3-10 X	--	--	8.6	2.3	10	81	**GV3-10 X**	--	--	5.6	4.0	11	79
GV3-11	--	--	1.3	12.8	4.6	81	GV3-11	--	--	4.1	7.7	10	78
GV3-12	--	--	1.4	12.6	4.8	81	GV3-12	--	--	1.4	11.7	6.2	81
GV3-13	--	--	2.1	13.4	4.2	80	GV3-13	--	--	5.5	9.1	9.4	76
GV3-14	--	--	19.5	4.7	13	63	GV3-14	--	--	17.5	5.1	14	64
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	80	5.0	9.1	8.2	78	GV4-C	--	80	1.3	8.8	8.3	82
GV4-B	--	--	6.8	8.1	9.4	76	GV4-B	--	--	1.3	12.7	6.4	80
GV4-A	--	--	8.8	7.7	10	74	GV4-A	--	--	1.9	12.2	6.1	80
GV4-1	--	--	7.4	8.1	10	75	GV4-1	--	--	5.1	6.8	11	77
GV4-2	--	--	7.8	7.9	10	74	GV4-2	--	--	5.7	5.6	12	77
GV4-3	--	--	18.8	3.0	15	63	GV4-3	--	--	0.0	19.3	0.1	81
GV4-4 X	--	--	0.0	18.9	0.2	81	**GV4-4 X**	--	--	10.3	13.0	8.4	68
GV4-5	--	--	17.1	3.1	14	66	GV4-5	--	--	1.9	13.3	5.1	80
GV4-6	--	--	16.7	4.1	14	65	GV4-6	--	--	1.6	14.7	4.8	79
GV4-7	--	--	27.1	0.0	20	53	GV4-7	--	--	6.7	11.4	8.5	73
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	84	36.9	0.0	21	42	GV5-1	--	74	0.4	19.6	0.3	80
GV5-2	--	--	38.1	0.0	19	45	GV5-2	--	--	0.0	20.0	0.1	80
	--	--	28.3	0.0	22	50	GV5-3	--	--	0.2	19.5	0.2	80
GV5-4	--	--	30.6	0.0	20	49	GV5-4	--	--	0.0	19.8	0.3	80
GV5-5	--	--	27.6	0.4	19	53	GV5-5	--	--	0.1	20.0	0.2	80
GV5-6	--	--	28.4	0.8	19	52	GV5-6	--	--	0.0	19.9	0.1	80
GV5-7	--	--	30.4	0.2	19	50	GV5-7	--	--	0.0	20.1	0.0	80
GV5-8	--	--	19.8	0.0	20	60	GV5-8	--	--	6.8	10.2	12	71
GV5-9	--	--	20.7	0.0	21	58	GV5-9	--	--	17.3	0.3	22	60

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 06 - Jun 12, 2011						Week of:	Jun 13 - Jun 19, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	31.7	1.2	19	48	EW-1	--	--	27.1	0.7	21	51
EW-2	--	--	0.0	3.2	13	84	EW-2	--	--	0.0	5.2	14	81
EW-3	--	--	17.4	0.3	15	67	EW-3	--	--	19.8	1.1	18	61
EW-4	--	--	30.9	0.0	22	47	EW-4	--	--	28.0	0.0	23	49
EW-5	--	--	31.3	0.0	22	47	EW-5	--	--	30.2	0.0	23	47
EW-6	--	--	21.8	2.2	17	59	EW-6	--	--	10.3	12.4	8.5	69
EW-7	--	--	26.2	0.0	20	54	EW-7	--	--	18.6	10.2	7.4	64
EW-8	--	--	31.8	0.0	22	46	EW-8	--	--	31.9	0.0	23	45
EW-9	--	--	37.4	0.0	24	39	EW-9	--	--	32.2	0.0	23	45
EW-10	--	--	7.9	5.9	10	76	EW-10	--	--	7.1	6.7	11	75
EW-11	--	--	12.0	2.8	16	69	EW-11	--	--	10.5	6.0	14	70
EW-12	--	--	2.8	6.2	10	81	EW-12	--	--	1.8	8.5	10	80
SW1	--	--	3.2	0.0	22	75	SW1	--	--	34.8	0.0	25	40
SW2	--	--	34.2	0.0	23	43	SW2	--	--	33.2	0.0	24	43
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	6.2	0.0	18	76	NW1	--	--	8.1	0.0	19	73
NW2	--	--	30.9	0.0	23	46	NW2	--	--	35.7	0.0	25	39
NW3	--	--	35.8	0.0	25	39	NW3	--	--	40.5	0.0	27	33
NW4	--	--	20.7	0.0	18	61	NW4	--	--	23.1	0.0	19	58
NW5	--	--	6.9	0.0	18	75	NW5	--	--	11.2	0.0	19	70
NW6	--	--	35.9	0.0	26	38	NW6	--	--	44.1	0.0	27	29
NW7	--	--	55.3	0.0	27	18	NW7	--	--	58.6	0.0	28	13
NW8	--	--	8.3	0.2	17	75	NW8	--	--	9.4	0.6	18	72
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/30/2011

Subject: LFG Monitoring Summary - Week of 06/20/11 - 06/26/11

Summary: All CPs remained in compliance this week.
There were seven (7) flare flame failures due to low methane or other issues.
Flare operating cycles were 120 to 240 mins ON and 240 to 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 24, 2011 with temps of 65°F to 71°F and mostly cloudy conditions.
Vacuum readings were last taken on May 22, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/20/2011	0:00#	--	10:00	11:30#	--	--	--	--	0.5
6/21/2011	--	--	--	--	2:00	6:00	10:00	12:00	6.0
6/22/2011	0:00#	--	--	--	3:00	5:00#	--	--	2.0
6/23/2011	--	--	--	--	2:00	4:30#	--	--	2.5
6/24/2011	8:30	9:30	10:00	--	--	2:00	6:00	6:30#	5.5
6/25/2011	--	--	--	--	12:30	3:30#	--	--	3.0
6/26/2011	--	--	--	--	--	--	6:00	10:00	4.0
								Total Hrs. =	23.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 65 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/20/2011	--	--	--	--	--
6/21/2011	--	--	--	--	--
6/22/2011	--	--	--	--	--
6/23/2011	--	--	--	--	--
6/24/2011	GV, S&EW, CPs & TGP/GP	9:30A - 4:30P	0.0	29.76 - 29.78	R
6/25/2011	--	--	--	--	--
6/26/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-8985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	20-Jun		21-Jun		22-Jun		23-Jun		24-Jun		25-Jun		26-Jun	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	13.1	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-08	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	13.7	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	20-Jun		21-Jun		22-Jun		23-Jun		24-Jun		25-Jun		26-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	13.6	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	10.1	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	12.2	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	13.2	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 13 - Jun 19, 2011						Week of:	Jun 20 - Jun 26, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	70	16.2	4.8	16	63	GV1-1	--	60	0.4	4.4	15	80
GV1-2	--	68	44.6	0.0	27	28	GV1-2	--	60	45.1	0.0	27	28
GV1-3	--	64	32.3	0.0	25	43	GV1-3	--	62	34.3	0.0	25	41
GV1-4	--	66	39.2	0.0	26	35	GV1-4	--	66	41.7	0.0	26	32
GV1-5	--	66	31.9	0.0	24	44	GV1-5	--	68	39.1	0.0	26	35
GV1-6	--	68	33.0	0.0	25	42	GV1-6	--	68	30.5	0.0	24	46
GV1-7	--	66	17.0	0.0	22	61	GV1-7	--	64	12.4	0.0	19	69
GV1-8	--	64	12.5	0.0	19	69	GV1-8	--	64	12.1	0.0	21	67
GV1-9	--	64	11.2	0.0	19	70	GV1-9	--	62	11.2	0.0	19	70
GV1-10X	--	68	7.2	0.4	18	74	**GV1-10X**	--	68	11.9	0.0	19	69
GV1-11	--	68	4.0	12.3	7.2	77	GV1-11	--	64	5.4	11.2	7.3	76
GV1-12	--	66	14.1	0.3	20	66	GV1-12	--	68	14.9	0.0	20	65
GV1-13	--	64	7.1	0.1	17	76	GV1-13	--	62	8.9	0.0	18	73
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.4	14.9	3.7	81	GV1b-1	--	--	0.4	14.1	4.5	81
GV1b-2	--	68	3.1	12.9	7.4	77	GV1b-2	--	68	3.8	11.6	8.7	76
GV1b-3	--	64	0.8	16.9	2.8	80	GV1b-3	--	64	1.4	13.7	5.7	79
GV1b-4	--	64	0.4	12.0	7.7	80	GV1b-4	--	66	0.3	10.7	9.1	80
GV1b-5	--	66	0.8	4.6	13	82	GV1b-5	--	66	0.7	2.0	16	81
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	70	6.6	11.3	8.4	74	GV2-1	--	74	3.5	13.4	6.1	77
GV2-2	--	72	14.3	4.4	15	66	GV2-2	--	74	2.9	6.7	12	78
GV2-3	--	72	16.5	2.1	16	63	GV2-3	--	78	18.6	1.9	18	62
GV2-4	--	80	4.2	1.8	14	80	GV2-4	--	88	5.1	5.5	12	77
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	2.9	7.7	10	79	GV3-1	--	--	58.8	0.0	26	15
GV3-2	--	--	12.9	5.5	13	69	GV3-2	--	--	41.8	0.0	24	34
GV3-3	--	--	3.4	9.0	8.8	79	GV3-3	--	--	0.0	18.2	2.0	80
GV3-4	--	68	5.4	6.3	11	77	GV3-4	--	66	0.8	10.7	7.9	81
GV3-5	--	--	3.3	6.8	10	80	GV3-5	--	--	4.9	5.1	13	77
GV3-6	--	--	6.0	2.4	13	79	GV3-6	--	--	2.4	0.0	18	82
GV3-7	--	--	10.2	1.7	15	73	GV3-7	--	--	0.0	2.5	15	83
GV3-8	--	--	6.0	2.2	11	81	GV3-8	--	--	1.5	0.2	12	86
GV3-9	--	--	8.2	3.4	11	77	GV3-9	--	--	8.6	3.7	11	77
GV3-10 X	--	--	5.6	4.0	11	79	**GV3-10 X**	--	--	0.6	4.8	12	83
GV3-11	--	--	4.1	7.7	10	78	GV3-11	--	--	0.3	3.2	13	84
GV3-12	--	--	1.4	11.7	6.2	81	GV3-12	--	--	0.0	10.8	7.2	82
GV3-13	--	--	5.5	9.1	9.4	76	GV3-13	--	--	1.0	6.5	11	82
GV3-14	--	--	17.5	5.1	14	64	GV3-14	--	--	29.8	2.2	18	50
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	80	1.3	8.8	8.3	82	GV4-C	--	68	0.6	4.4	11	84
GV4-B	--	--	1.3	12.7	6.4	80	GV4-B	--	--	1.0	5.7	10	83
GV4-A	--	--	1.9	12.2	8.1	80	GV4-A	--	--	1.0	12.4	6.5	80
GV4-1	--	--	5.1	6.6	11	77	GV4-1	--	--	2.2	6.7	11	80
GV4-2	--	--	5.7	5.6	12	77	GV4-2	--	--	7.4	1.4	16	75
GV4-3	--	--	0.0	19.3	0.1	81	GV4-3	--	--	3.5	8.4	10	78
GV4-4 X	--	--	10.3	13.0	8.4	68	**GV4-4 X**	--	--	0.0	19.2	0.2	81
GV4-5	--	--	1.9	13.3	5.1	80	GV4-5	--	--	19.6	0.7	19	61
GV4-6	--	--	1.6	14.7	4.8	79	GV4-6	--	--	4.7	8.8	9.0	78
GV4-7	--	--	6.7	11.4	8.5	73	GV4-7	--	--	23.8	0.0	21	55
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	74	0.4	19.6	0.3	80	GV5-1	--	74	0.1	19.4	0.1	80
GV5-2	--	--	0.0	20.0	0.1	80	GV5-2	--	--	0.0	20.1	0.1	80
	--	--	0.2	19.5	0.2	80	GV5-3	--	--	28.7	0.2	23	48
GV5-4	--	--	0.0	19.8	0.3	80	GV5-4	--	--	14.9	6.7	13	65
GV5-5	--	--	0.1	20.0	0.2	80	GV5-5	--	--	13.4	8.4	12	66
GV5-6	--	--	0.0	19.9	0.1	80	GV5-6	--	--	19.7	5.4	16	59
GV5-7	--	--	0.0	20.1	0.0	80	GV5-7	--	--	15.2	4.8	15	65
GV5-8	--	--	6.8	10.2	12	71	GV5-8	--	--	20.9	0.0	23	56
GV5-9	--	--	17.3	0.3	22	60	GV5-9	--	--	20.9	0.0	23	56

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 13 - Jun 19, 2011						Week of:	Jun 20 - Jun 26, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	27.1	0.7	21	51	EW-1	--	--	29.6	0.7	22	48
EW-2	--	--	0.0	5.2	14	81	EW-2	--	--	0.0	5.8	14	80
EW-3	--	--	19.8	1.1	18	61	EW-3	--	--	18.0	2.5	16	66
EW-4	--	--	28.0	0.0	23	49	EW-4	--	--	21.4	0.0	20	59
EW-5	--	--	30.2	0.0	23	47	EW-5	--	--	26.2	0.0	21	53
EW-6	--	--	10.3	12.4	8.5	69	EW-6	--	--	23.5	0.0	21	56
EW-7	--	--	18.6	10.2	7.4	64	EW-7	--	--	28.1	0.0	21	51
EW-8	--	--	31.9	0.0	23	45	EW-8	--	--	30.1	0.0	22	48
EW-9	--	--	32.2	0.0	23	45	EW-9	--	--	40.6	0.0	26	33
EW-10	--	--	7.1	6.7	11	75	EW-10	--	--	1.5	2.0	10	87
EW-11	--	--	10.5	6.0	14	70	EW-11	--	--	10.5	8.5	12	69
EW-12	--	--	1.8	8.5	10	80	EW-12	--	--	2.4	10.8	8.6	78
SW1	--	--	34.8	0.0	25	40	SW1	--	--	37.4	0.0	26	37
SW2	--	--	33.2	0.0	24	43	SW2	--	--	38.3	0.0	26	36
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	*8.1*	*0.0*	*19*	*73*	*NW1*	--	--	*8.2*	*0.0*	*19*	*73*
NW2	--	--	35.7	0.0	25	39	NW2	--	--	41.8	0.0	26	32
NW3	--	--	40.5	0.0	27	33	NW3	--	--	42.5	0.0	29	29
NW4	--	--	23.1	0.0	19	58	NW4	--	--	23.2	0.0	20	57
NW5	--	--	11.2	0.0	19	70	NW5	--	--	10.7	0.0	20	69
NW6	--	--	44.1	0.0	27	29	NW6	--	--	47.0	0.0	29	24
NW7	--	--	58.6	0.0	28	13	NW7	--	--	61.0	0.0	30	9
NW8	--	--	9.4	0.6	18	72	NW8	--	--	8.4	0.0	18	74
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) *NS = Not sampled due to instrument failure;*
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

ATTACHMENT B

(Annual Influent Sampling Data)

PAPER

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 200-5182-1

Job Description: Valleycrest Landfill

For:
SCS Engineers
2060 Reading Road
Suite 200
Cincinnati, OH 45202-1497

Attention: Gary Saylor

Approved for release.
Don C Dawicki
Project Manager II
6/2/2011 2:35 PM

Don C Dawicki
Project Manager II
don.dawicki@testamericainc.com
06/02/2011

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

TestAmerica Laboratories, Inc.
TestAmerica Burlington 30 Community Drive, Suite 11, South Burlington, VT 05403
Tel (802) 660-1990 Fax (802) 660-1919 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

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CASE NARRATIVE

Client: SCS Engineers

Project: Valleycrest Landfill

Report Number: 200-5182-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 05/14/2011; the samples arrived in good condition.

NON-METHANE ORGANIC CARBON
Samples VLF # 5, VLF # 6 and VLF # 7 were analyzed for Non-Methane Organic Carbon in accordance with EPA Method 25C. The samples were analyzed on 05/17/2011.

The fixed gases analyses for the samples referenced above yielded concentrations of Nitrogen that exceeded the 20% threshold referenced in the EPA 25C method; however, the Oxygen concentrations were below the 5% threshold also referenced in the method. These Nitrogen concentrations were used for the correction of the NMOC results.

No difficulties were encountered during the NMOC analyses.

All quality control parameters were within the acceptance limits.

FIXED GASES
Samples VLF # 5, VLF # 6 and VLF # 7 were analyzed for Fixed Gases in accordance with EPA Method 3C. The samples were analyzed on 05/17/2011.

No difficulties were encountered during the Fixed Gases analyses.

All quality control parameters were within the acceptance limits.

AIR - GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Instrument ID: 0001.i Analysis Batch Number: 5755

Lab Sample ID: IC 200-5755/1 Client Sample ID:

Date Analyzed: 06/11/10 10:11 Lab File ID: CAL1B.d GC Column: CTR-1 ID: 3.175(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Oxygen	3.92	Baseline event	pd	06/23/10 13:18
Methane	6.81	Peak not found by the data system	pd	06/23/10 13:16

Lab Sample ID: IC 200-5755/2 Client Sample ID:

Date Analyzed: 06/11/10 11:36 Lab File ID: CAL1C.d GC Column: CTR-1 ID: 3.175(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Oxygen	3.94	Baseline event	pd	06/23/10 13:15
Methane	6.79	Peak not found by the data system	pd	06/23/10 13:17

SAMPLE SUMMARY

Client: SCS Engineers

Job Number: 200-5182-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-5182-1	VLF # 5	Air	05/12/2011 1103	05/14/2011 1010
200-5182-2	VLF # 6	Air	05/12/2011 1131	05/14/2011 1010
200-5182-3	VLF # 7	Air	05/12/2011 1203	05/14/2011 1010

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 200-5182-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
200-5182-1	**VLF # 5**				
NMOC as Carbon		1000	10	ppm-C	EPA 25C
Carbon dioxide		21	0.083	% v/v	EPA 3C
Methane		22	0.066	% v/v	EPA 3C
Nitrogen		53	0.83	% v/v	EPA 3C
Oxygen		3.0	0.066	% v/v	EPA 3C
200-5182-2	**VLF # 6**				
NMOC as Carbon		1000	10	ppm-C	EPA 25C
Carbon dioxide		21	0.086	% v/v	EPA 3C
Methane		21	0.069	% v/v	EPA 3C
Nitrogen		54	0.86	% v/v	EPA 3C
Oxygen		3.0	0.069	% v/v	EPA 3C
200-5182-3	**VLF # 7**				
NMOC as Carbon		1100	10	ppm-C	EPA 25C
Carbon dioxide		20	0.086	% v/v	EPA 3C
Methane		21	0.069	% v/v	EPA 3C
Nitrogen		56	0.86	% v/v	EPA 3C
Oxygen		3.5	0.069	% v/v	EPA 3C

METHOD SUMMARY

Client: SCS Engineers

Job Number: 200-5182-1

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Nonmethane Organic Compounds (NMOC)	TAL BUR	EPA EPA 25C	
Collection via Summa Canister	TAL BUR		Summa Canister
Fixed Gases from Stationary Sources	TAL BUR	EPA EPA 3C	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: SCS Engineers

Job Number: 200-5182-1

Method	Analyst	Analyst ID
EPA EPA 25C	Veilleux, Michael R	MRV
EPA EPA 3C	Veilleux, Michael R	MRV

Client: SCS Engineers

Job Number: 200-5182-1

Client Sample ID: **VLF # 5**

Lab Sample ID: 200-5182-1
Client Matrix: Air

Date Sampled: 05/12/2011 1103
Date Received: 05/14/2011 1010

EPA 25C Nonmethane Organic Compounds (NMOC)

Analysis Method:	EPA 25C	Analysis Batch:	200-18119	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-5182-A-1A.d-avg
Dilution:	1.66			Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1331			Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1331			Injection Volume:	2 mL

Analyte	Result (ppm-C)	Qualifier	RL	RL
NMOC as Carbon	1000		10	10

Client: SCS Engineers

Job Number: 200-5182-1

Client Sample ID: **VLF # 6**

Lab Sample ID: 200-5182-2
Client Matrix: Air

Date Sampled: 05/12/2011 1131
Date Received: 05/14/2011 1010

EPA 25C Nonmethane Organic Compounds (NMOC)

Analysis Method:	EPA 25C	Analysis Batch:	200-18119	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-5182-A-2A.d-avg
Dilution:	1.73			Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1418			Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1418			Injection Volume:	2 mL

Analyte	Result (ppm-C)	Qualifier	RL	RL
NMOC as Carbon	1000		10	10

Client: SCS Engineers

Job Number: 200-5182-1

Client Sample ID: **VLF # 7**

Lab Sample ID: 200-5182-3
Client Matrix: Air

Date Sampled: 05/12/2011 1203
Date Received: 05/14/2011 1010

EPA 25C Nonmethane Organic Compounds (NMOC)

Analysis Method:	EPA 25C	Analysis Batch:	200-18119	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-5182-A-3A.d-avg
Dilution:	1.72			Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1506			Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1506			Injection Volume:	2 mL

Analyte	Result (ppm-C)	Qualifier	RL	RL
NMOC as Carbon	1100		10	10

Client: SCS Engineers

Job Number: 200-5182-1

Client Sample ID: **VLF # 5**

Lab Sample ID: 200-5182-1
Client Matrix: Air

Date Sampled: 05/12/2011 1103
Date Received: 05/14/2011 1010

EPA 3C Fixed Gases from Stationary Sources

Analysis Method:	EPA 3C	Analysis Batch:	200-18120	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-5182-A-1A.d-avg
Dilution:	1.66			Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1331			Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1331			Injection Volume:	2 mL

Analyte	Result (% v/v)	Qualifier	RL	RL
Carbon dioxide	21		0.083	0.083
Methane	22		0.066	0.066
Nitrogen	53		0.83	0.83
Oxygen	3.0		0.066	0.066

Client: SCS Engineers

Job Number: 200-5182-1

Client Sample ID: **VLF # 6**

Lab Sample ID: 200-5182-2
Client Matrix: Air

Date Sampled: 05/12/2011 1131
Date Received: 05/14/2011 1010

EPA 3C Fixed Gases from Stationary Sources

Analysis Method:	EPA 3C	Analysis Batch:	200-18120	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-5182-A-2B.d-avg
Dilution:	1.73			Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1434			Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1434			Injection Volume:	2 mL

Analyte	Result (% v/v)	Qualifier	RL	RL
Carbon dioxide	21		0.086	0.086
Methane	21		0.069	0.069
Nitrogen	54		0.86	0.86
Oxygen	3.0		0.069	0.069

Client: SCS Engineers

Job Number: 200-5182-1

Client Sample ID: **VLF # 7**

Lab Sample ID: 200-5182-3
Client Matrix: Air

Date Sampled: 05/12/2011 1203
Date Received: 05/14/2011 1010

EPA 3C Fixed Gases from Stationary Sources

Analysis Method:	EPA 3C	Analysis Batch:	200-18120	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-5182-A-3A.d-avg
Dilution:	1.72			Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1506			Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1506			Injection Volume:	2 mL

Analyte	Result (% v/v)	Qualifier	RL	RL
Carbon dioxide	20		0.086	0.086
Methane	21		0.069	0.069
Nitrogen	56		0.86	0.86
Oxygen	3.5		0.069	0.069

Client: SCS Engineers

Job Number: 200-5182-1

Method Blank - Batch: 200-18119

Method: EPA 25C
Preparation: Summa Canister

Lab Sample ID:	MB 200-18119/3	Analysis Batch:	200-18119	Instrument ID:	0001.I
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	MB051711A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1144	Units:	ppm-C	Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1144			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
NMOC as Carbon	6.0	U	6.0	6.0

Lab Control Sample - Batch: 200-18119

Method: EPA 25C
Preparation: Summa Canister

Lab Sample ID:	LCS 200-18119/2	Analysis Batch:	200-18119	Instrument ID:	0001.I
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	25CLCS051711A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1049	Units:	ppm-C	Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1049			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
NMOC as Carbon	750	716	95	70 - 130	

Client: SCS Engineers

Job Number: 200-5182-1

Method Blank - Batch: 200-18120

Method: EPA 3C
Preparation: Summa Canister

Lab Sample ID:	MB 200-18120/3	Analysis Batch:	200-18120	Instrument ID:	0001.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	MB051711A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 1144	Units:	% v/v	Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 1144			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Carbon dioxide	0.050	U	0.050	0.050
Methane	0.040	U	0.040	0.040
Nitrogen	0.50	U	0.50	0.50
Oxygen	0.040	U	0.040	0.040

Lab Control Sample - Batch: 200-18120

Method: EPA 3C
Preparation: Summa Canister

Lab Sample ID:	LCS 200-18120/2	Analysis Batch:	200-18120	Instrument ID:	0001.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	3CLCS051711A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/17/2011 0839	Units:	% v/v	Final Weight/Volume:	2 mL
Prep Date:	05/17/2011 0839			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Carbon dioxide	5.00	5.12	102	70 - 130	
Methane	4.00	4.00	100	70 - 130	
Nitrogen	5.00	4.82	96	70 - 130	
Oxygen	4.00	3.73	93	70 - 130	

DATA REPORTING QUALIFIERS

Client: SCS Engineers Job Number: 200-5182-1

Lab Section	Qualifier	Description
Air - GC VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: SCS Engineers

Job Number: 200-5182-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC VOA					
Analysis Batch:200-18119					
LCS 200-18119/2	*Lab Control Sample*	T	Air	EPA 25C	
MB 200-18119/3	Method Blank	T	Air	EPA 25C	
200-5182-1	VLF # 5	T	Air	EPA 25C	
200-5182-2	VLF # 6	T	Air	EPA 25C	
200-5182-3	VLF # 7	T	Air	EPA 25C	
Analysis Batch:200-18120					
LCS 200-18120/2	Lab Control Sample	T	Air	EPA 3C	
MB 200-18120/3	Method Blank	T	Air	EPA 3C	
200-5182-1	VLF # 5	T	Air	EPA 3C	
200-5182-2	VLF # 6	T	Air	EPA 3C	
200-5182-3	VLF # 7	T	Air	EPA 3C	

Report Basis
T = Total

Client: SCS Engineers

Job Number: 200-5182-1

Laboratory Chronicle

Lab ID: 200-5182-1 **Client ID: VLF # 5**

Sample Date/Time: 05/12/2011 11:03 Received Date/Time: 05/14/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5182-A-1		200-18119		05/17/2011 13:31	1.66	TAL BUR	MRV
A:EPA 25C	200-5182-A-1		200-18119		05/17/2011 13:31	1.66	TAL BUR	MRV
P:Summa Canister	200-5182-A-1		200-18120		05/17/2011 13:31	1.66	TAL BUR	MRV
A:EPA 3C	200-5182-A-1		200-18120		05/17/2011 13:31	1.66	TAL BUR	MRV

Lab ID: 200-5182-2 **Client ID: VLF # 6**

Sample Date/Time: 05/12/2011 11:31 Received Date/Time: 05/14/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5182-A-2		200-18119		05/17/2011 14:18	1.73	TAL BUR	MRV
A:EPA 25C	200-5182-A-2		200-18119		05/17/2011 14:18	1.73	TAL BUR	MRV
P:Summa Canister	200-5182-A-2		200-18120		05/17/2011 14:34	1.73	TAL BUR	MRV
A:EPA 3C	200-5182-A-2		200-18120		05/17/2011 14:34	1.73	TAL BUR	MRV

Lab ID: 200-5182-3 **Client ID: VLF # 7**

Sample Date/Time: 05/12/2011 12:03 Received Date/Time: 05/14/2011 10:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-5182-A-3		200-18119		05/17/2011 15:06	1.72	TAL BUR	MRV
A:EPA 25C	200-5182-A-3		200-18119		05/17/2011 15:06	1.72	TAL BUR	MRV
P:Summa Canister	200-5182-A-3		200-18120		05/17/2011 15:06	1.72	TAL BUR	MRV
A:EPA 3C	200-5182-A-3		200-18120		05/17/2011 15:06	1.72	TAL BUR	MRV

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-18119/3		200-18119		05/17/2011 11:44	1	TAL BUR	MRV
A:EPA 25C	MB 200-18119/3		200-18119		05/17/2011 11:44	1	TAL BUR	MRV
P:Summa Canister	MB 200-18120/3		200-18120		05/17/2011 11:44	1	TAL BUR	MRV
A:EPA 3C	MB 200-18120/3		200-18120		05/17/2011 11:44	1	TAL BUR	MRV

Client: SCS Engineers

Job Number: 200-5182-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-18119/2		200-18119		05/17/2011 10:49	1	TAL BUR	MRV
A:EPA 25C	LCS 200-18119/2		200-18119		05/17/2011 10:49	1	TAL BUR	MRV
P:Summa Canister	LCS 200-18120/2		200-18120		05/17/2011 08:39	1	TAL BUR	MRV
A:EPA 3C	LCS 200-18120/2		200-18120		05/17/2011 08:39	1	TAL BUR	MRV

Lab References:
TAL BUR = TestAmerica Burlington

Certification Summary

Client: SCS Engineers
Project/Site: Valleycrest Landfill

TestAmerica Job ID: 200-5182-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington		USDA		P330-11-00093
TestAmerica Burlington	ACLASS	DoD ELAP	0	ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	Delaware	Delaware DNREC	3	NA
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	State Program	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200610
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	Vermont	State Program	1	VT-4000

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method EPA 3C

Fixed Gases from Stationary Sources by Method EPA - 3C

FORM III
AIR - GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 3CLCS051711A.d-avg

Lab ID: LCS 200-18120/2 Client ID:

COMPOUND	SPIKE ADDED (% v/v)	LCS CONCENTRATION (% v/v)	LCS % REC	QC LIMITS REC	#
Carbon dioxide	5.00	5.12	102	70-130	
Methane	4.00	4.00	100	70-130	
Nitrogen	5.00	4.82	96	70-130	
Oxygen	4.00	3.73	93	70-130	

Column to be used to flag recovery and RPD values

FORM III EPA 3C

FORM IV
AIR - GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab File ID: MB051711A.d-avg Lab Sample ID: MB 200-18120/3

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: 0001.i Date Analyzed: 05/17/2011 11:44

GC Column: CTR-1 ID: 3.175(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-18120/2	3CLCS051711 A.d-avg	05/17/2011 08:39
VLF # 5	200-5182-1	200-5182-A-1A.d-avg	05/17/2011 13:31
VLF # 6	200-5182-2	200-5182-A-2B.d-avg	05/17/2011 14:34
VLF # 7	200-5182-3	200-5182-A-3A.d-avg	05/17/2011 15:06

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: VLF # 5 Lab Sample ID: 200-5182-1

Matrix: Air Lab File ID: 200-5182-A-1A.d-avg

Analysis Method: EPA 3C Date Collected: 05/12/2011 11:03

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 13:31

Soil Aliquot Vol: Dilution Factor: 1.66

Soil Extract Vol.: GC Column: ID:

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18120 Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	21		0.083	0.083
74-82-8	Methane	22		0.066	0.066
7727-37-9	Nitrogen	53		0.83	0.83
7782-44-7	Oxygen	3.0		0.066	0.066

TestAmerica Burlington

Lab Sample Id: 200-5182-1
Client Smp ID: VLF # 5
Inj Date : 17-MAY-2011 13:31
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-5182-A-1,1.66
Misc Info : 200-5182-A-1
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 07:43 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1
Dil Factor: 1.66000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.736	1.739	-0.003	4300944	12.4795	21
2 Oxygen	3.901	3.918	-0.017	674613	1.81067	3.0
3 Nitrogen	4.829	4.901	-0.072	12681135	32.1220	53
4 Methane	6.681	6.778	-0.097	3937428	13.0239	22

TestAmerica Burlington

Lab Sample Id: 200-5182-1
Client Smp ID: VLF # 5
Inj Date : 17-MAY-2011 13:47
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-5182-A-1,1.66
Misc Info : 200-5182-A-1
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 07:43 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1
Dil Factor: 1.66000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.735	1.739	-0.004	4272242	12.3963	21
2 Oxygen	3.889	3.918	-0.029	665909	1.78731	3.0
3 Nitrogen	4.814	4.901	-0.087	12573647	31.8497	53
4 Methane	6.659	6.778	-0.119	3909406	12.9312	21

Processing 3C data for files:
v:\200-5182-a-1a.txt
v:\200-5182-a-1b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	4300944	4272242	4286593	0.67
Oxygen	674613	665909	670261	1.3
Nitrogen	12681135	12573647	12627391	0.85
Methane	3937428	3909406	3923417	0.71

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	12.48	12.4	12.44	0.67
Oxygen	1.81	1.79	1.8	1.3
Nitrogen	32.12	31.85	31.99	0.85
Methane	13.02	12.93	12.98	0.71

Processing 25C data for files:
w:\200-5182-a-1a.txt
w:\200-5182-a-1b.txt
w:\200-5182-a-1c.txt

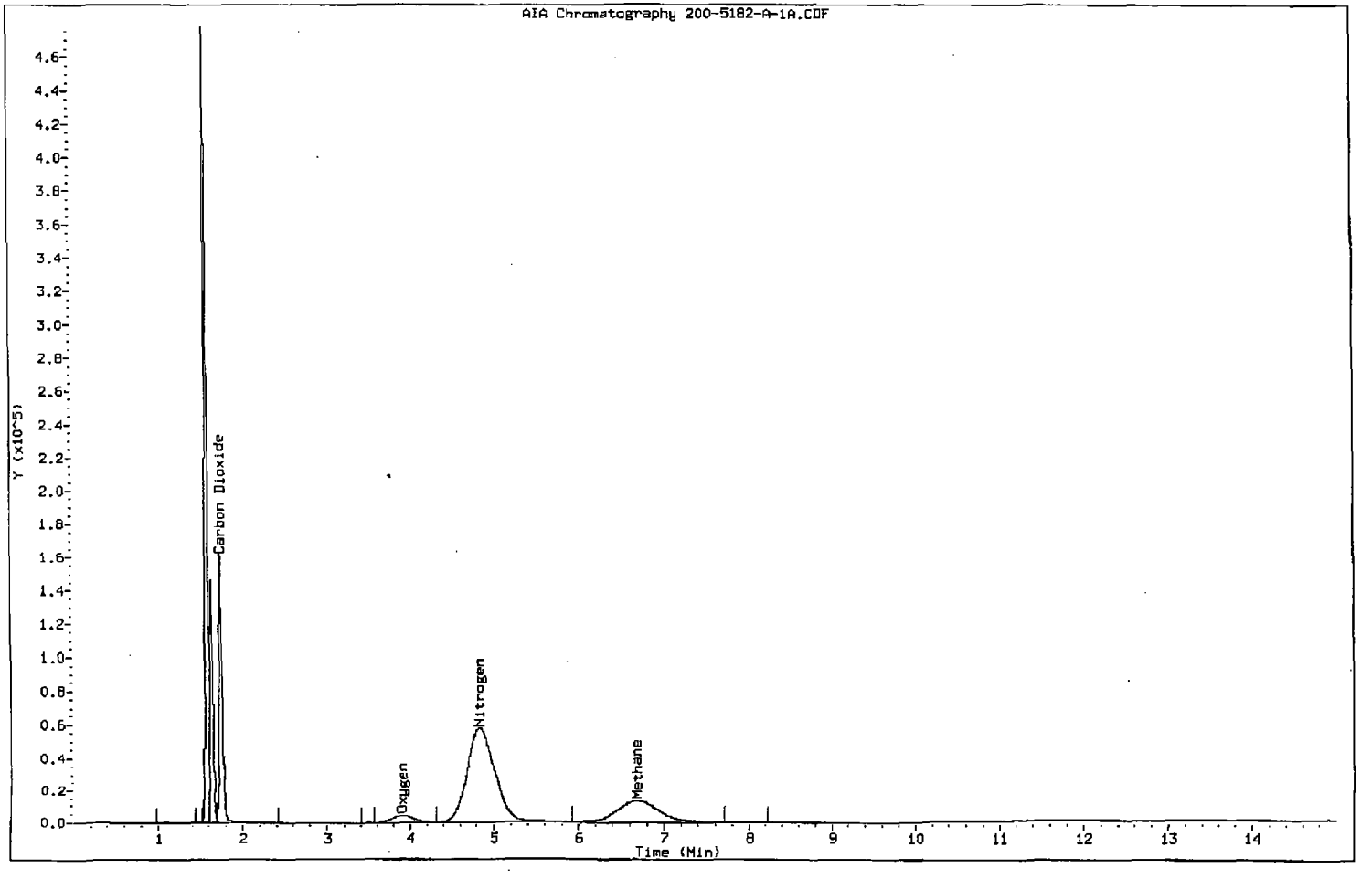
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	2022011	2001223	2037371	2020201.67	0.9

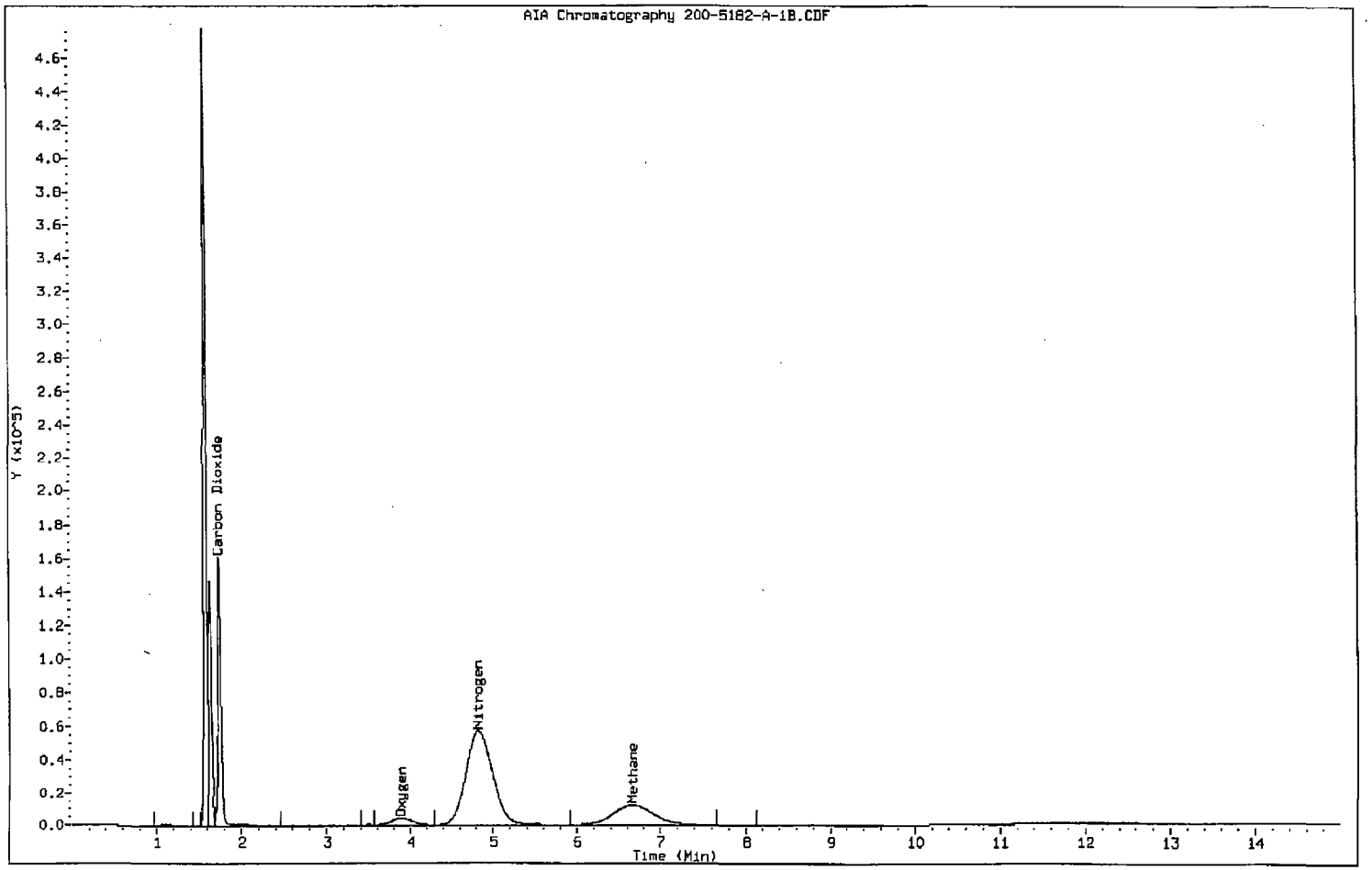
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	181.69	179.82	183.07	181.52	0.9

---------- NMOC Correction----------
Found Raw N2 Result = 31.99 % and NMOC = 181.52 ppm-C
N2 dilution factor = 1.66
N2 Result = Raw N2 * Dil. Fac.53.1034 %
Found Raw NMOC Result = 181.52 ppm-C
NMOC dilution factor = 1.66
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 627.38 ppm-C
Corrected NMOC result * Dil. Fac.= 1041.4508 ppm-C

Data File:	200-5182-A-1A.d	Date:	17-MAY-2011 13:31
Client ID:	VLF # 5	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-5182-A-1,1.66		
Lab Sample ID:	200-5182-1		



Data File:	200-5182-A-1B.d	Date:	17-MAY-2011 13:47
Client ID:	VLF # 5	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-5182-A-1,1.66		
Lab Sample ID:	200-5182-1		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-5182-1

SDG No.:

Client Sample ID: VLF # 6 | Lab Sample ID: 200-5182-2

Matrix: Air | Lab File ID: 200-5182-A-2B.d-avg

Analysis Method: EPA 3C | Date Collected: 05/12/2011 11:31

Sample wt/vol: 2(mL) | Date Analyzed: 05/17/2011 14:34

Soil Aliquot Vol: | Dilution Factor: 1.73

Soil Extract Vol.: | GC Column: ID:

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 18120 | Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	21		0.086	0.086
74-82-8	Methane	21		0.069	0.069
7727-37-9	Nitrogen	54		0.86	0.86
7782-44-7	Oxygen	3.0		0.069	0.069

TestAmerica Burlington

Lab Sample Id: 200-5182-2
Client Smp ID: VLF # 6
Inj Date : 17-MAY-2011 14:34
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-5182-A-2,1.73
Misc Info : 200-5182-A-2
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 07:43 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.735	1.739	-0.004	4108105	11.9200	21
2 Oxygen	3.893	3.918	-0.025	643958	1.72840	3.0
3 Nitrogen	4.821	4.901	-0.080	12331168	31.2355	54
4 Methane	6.668	6.778	-0.110	3736041	12.3577	21

TestAmerica Burlington

Lab Sample Id: 200-5182-2
Client Smp ID: VLF # 6
Inj Date : 17-MAY-2011 14:50
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-5182-A-2,1.73
Misc Info : 200-5182-A-2
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 07:43 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.737	1.739	-0.002	4126311	11.9728	21
2 Oxygen	3.902	3.918	-0.016	650882	1.74698	3.0
3 Nitrogen	4.831	4.901	-0.070	12381671	31.3634	54
4 Methane	6.685	6.778	-0.093	3772379	12.4779	22

Processing 3C data for files:
v:\200-5182-a-2b.txt
v:\200-5182-a-2c.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	4108105	4126311	4117208	0.44
Oxygen	643958	650882	647420	1.07
Nitrogen	12331168	12381671	12356419.5	0.41
Methane	3736041	3772379	3754210	0.97

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	11.92	11.97	11.95	0.44
Oxygen	1.73	1.75	1.74	1.07
Nitrogen	31.24	31.36	31.3	0.41
Methane	12.36	12.48	12.42	0.97

Processing 25C data for files:
w:\200-5182-a-2a.txt
w:\200-5182-a-2b.txt
w:\200-5182-a-2c.txt

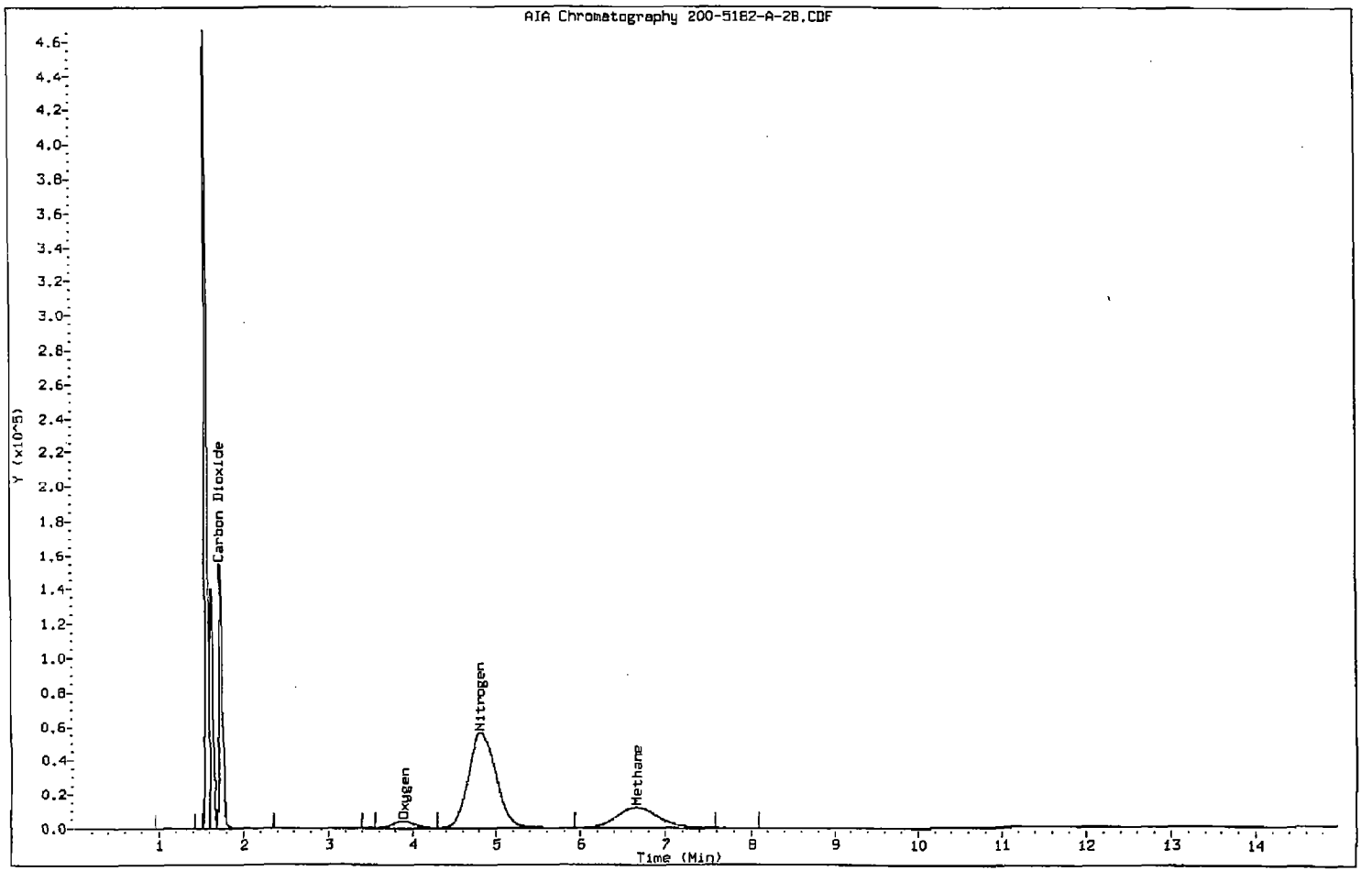
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	1840652	1831503	1841869	1838008	0.31

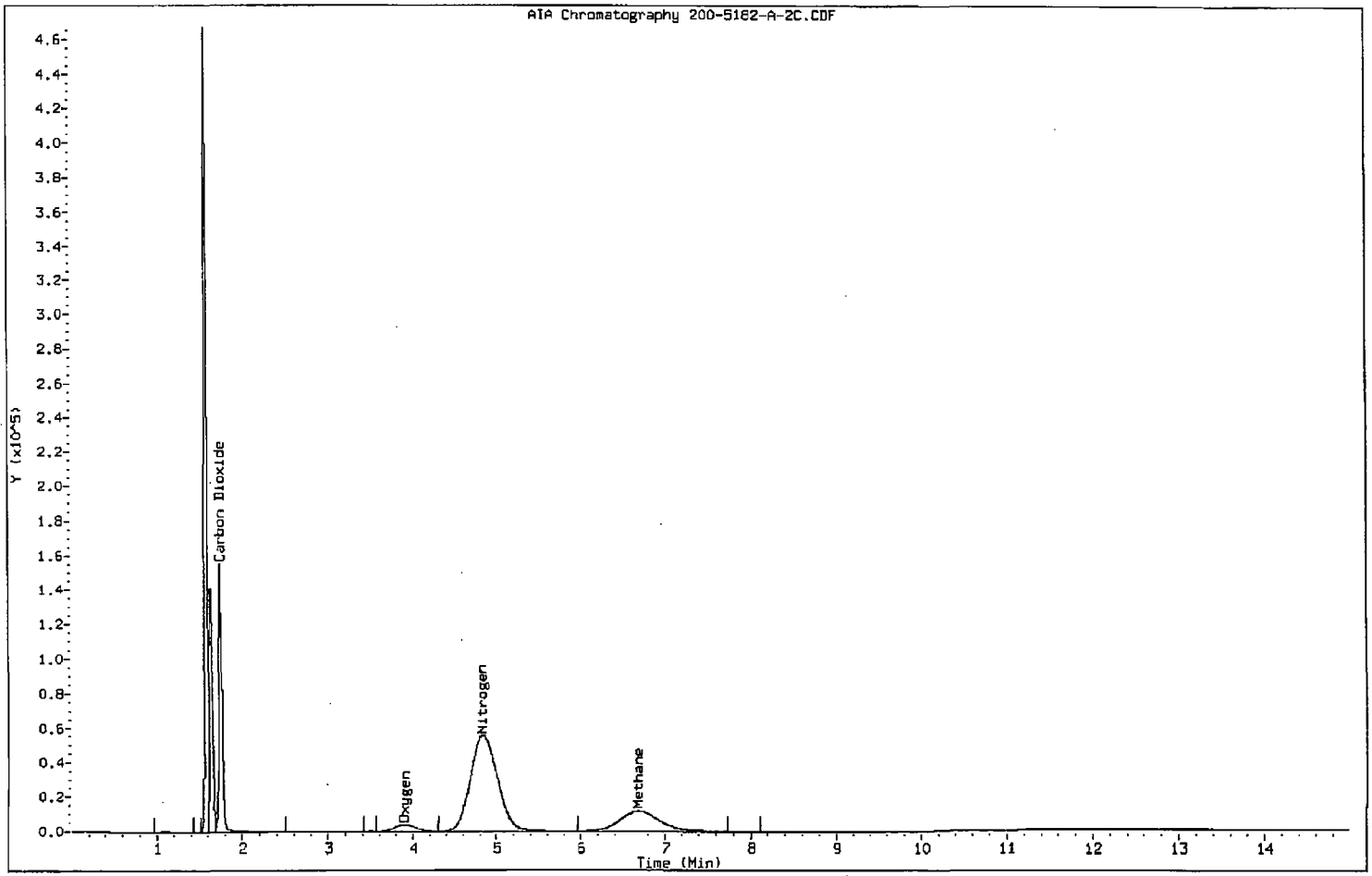
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	165.39	164.57	165.5	165.15	0.31

---------- NMOC Correction----------
Found Raw N2 Result = 31.3 % and NMOC = 165.15 ppm-C
N2 dilution factor = 1.73
N2 Result = Raw N2 * Dil. Fac.54.149 %
Found Raw NMOC Result = 165.15 ppm-C
NMOC dilution factor = 1.73
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 598.4 ppm-C
Corrected NMOC result * Dil. Fac.= 1035.232 ppm-C

Data File:	200-5182-A-2B.d	Date:	17-MAY-2011 14:34
Client ID:	VLF # 6	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-5182-A-2,1.73		
Lab Sample ID:	200-5182-2		



Data File:	200-5182-A-2C.d	Date:	17-MAY-2011 14:50
Client ID:	VLF # 6	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-5182-A-2,1.73		
Lab Sample ID:	200-5182-2		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: VLF # 7 Lab Sample ID: 200-5182-3

Matrix: Air Lab File ID: 200-5182-A-3A.d-avg

Analysis Method: EPA 3C Date Collected: 05/12/2011 12:03

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 15:06

Soil Aliquot Vol: Dilution Factor: 1.72

Soil Extract Vol.: GC Column: ID:

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18120 Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	20		0.086	0.086
74-82-8	Methane	21		0.069	0.069
7727-37-9	Nitrogen	56		0.86	0.86
7782-44-7	Oxygen	3.5		0.069	0.069

TestAmerica Burlington

Lab Sample Id: 200-5182-3
Client Smp ID: VLF # 7
Inj Date : 17-MAY-2011 15:06
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-5182-A-3,1.72
Misc Info : 200-5182-A-3
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 07:43 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1
Dil Factor: 1.72000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.734	1.739	-0.005	4047505	11.7442	20
2 Oxygen	3.891	3.918	-0.027	752417	2.01950	3.5
3 Nitrogen	4.816	4.901	-0.085	12732983	32.2533	55
4 Methane	6.662	6.778	-0.116	3640936	12.0432	21

TestAmerica Burlington

Lab Sample Id: 200-5182-3
Client Smp ID: VLF # 7
Inj Date : 17-MAY-2011 15:22
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-5182-A-3,1.72
Misc Info : 200-5182-A-3
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 07:43 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1
Dil Factor: 1.72000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.736	1.739	-0.003	4069350	11.8075	20
2 Oxygen	3.900	3.918	-0.018	756179	2.02960	3.5
3 Nitrogen	4.828	4.901	-0.073	12792252	32.4035	56
4 Methane	6.680	6.778	-0.098	3656095	12.0933	21

Processing 3C data for files:
v:\200-5182-a-3a.txt
v:\200-5182-a-3b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	4047505	4069350	4058427.5	0.54
Oxygen	752417	756179	754298	0.5
Nitrogen	12732983	12792252	12762617.5	0.46
Methane	3640936	3656095	3648515.5	0.42

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	11.74	11.81	11.78	0.54
Oxygen	2.02	2.03	2.02	0.5
Nitrogen	32.25	32.4	32.33	0.46
Methane	12.04	12.09	12.07	0.42

Processing 25C data for files:
w:\200-5182-a-3a.txt
w:\200-5182-a-3b.txt
w:\200-5182-a-3c.txt

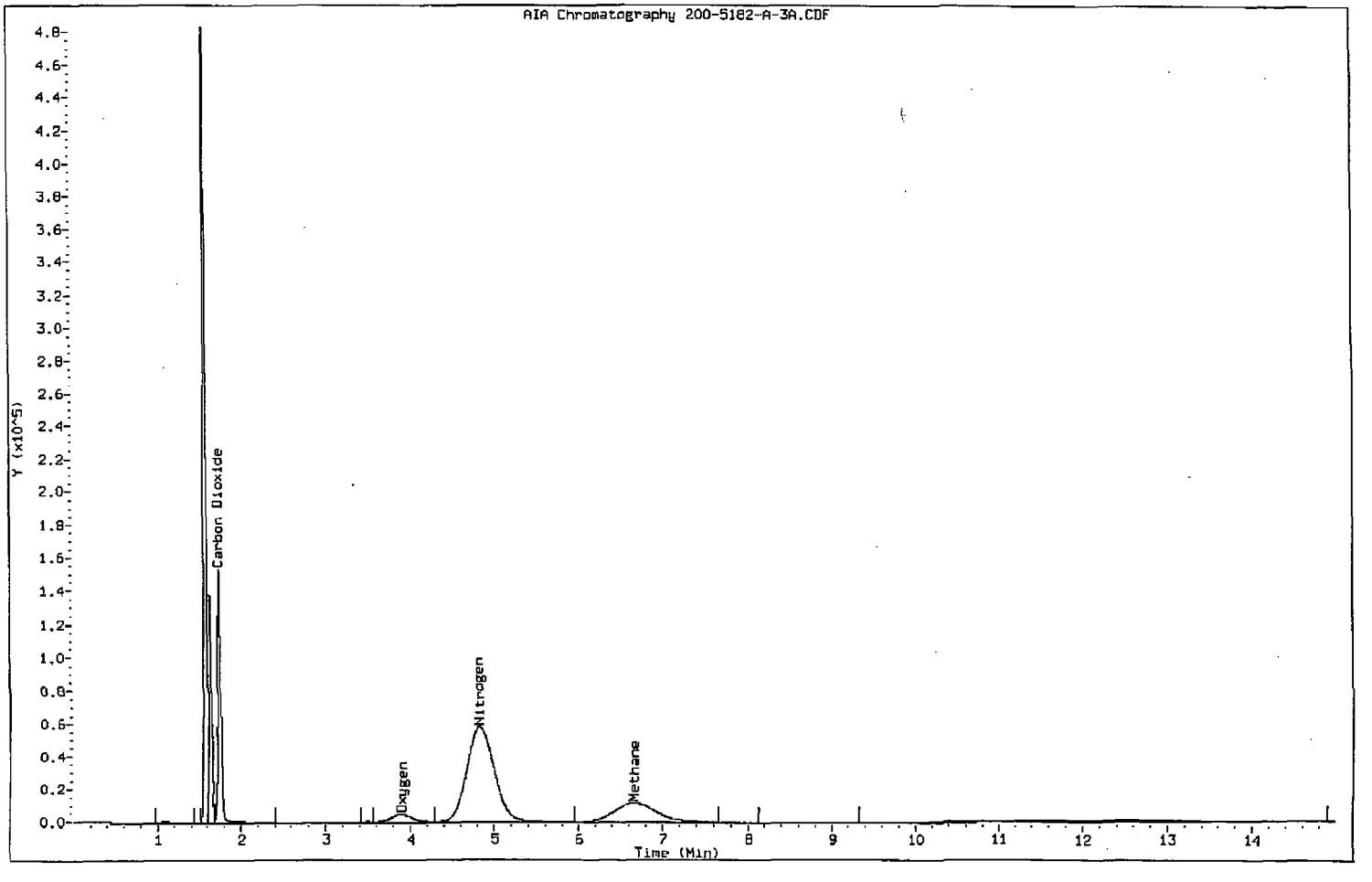
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	1803512	1832805	1831028	1822448.33	0.9

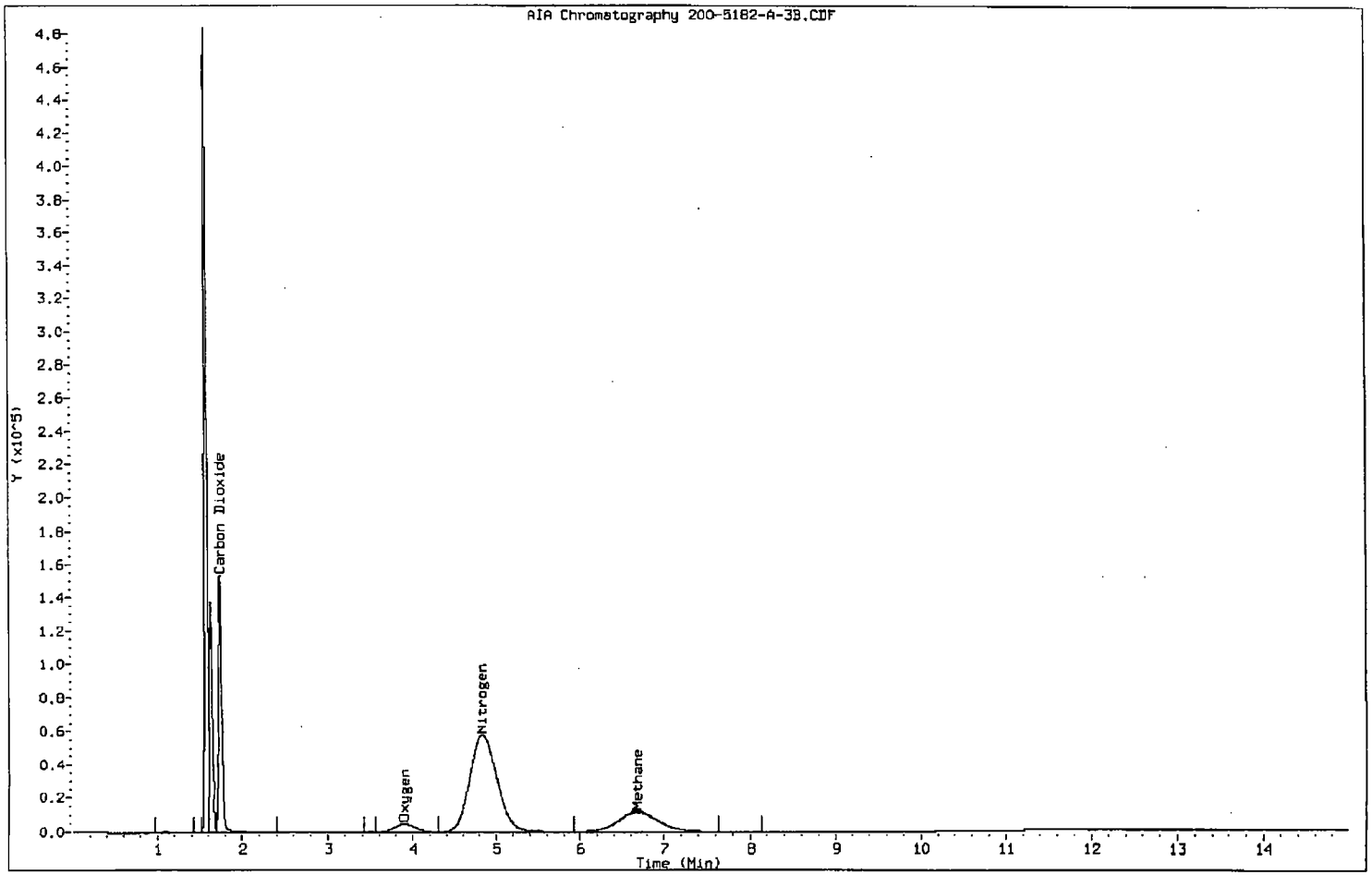
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	162.05	164.69	164.53	163.76	0.9

---------- NMOC Correction----------
Found Raw N2 Result = 32.33 % and NMOC = 163.76 ppm-C
N2 dilution factor = 1.72
N2 Result = Raw N2 * Dil. Fac.55.6076 %
Found Raw NMOC Result = 163.76 ppm-C
NMOC dilution factor = 1.72
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 635.94 ppm-C
Corrected NMOC result * Dil. Fac.= 1093.8168 ppm-C

Data File:	200-5182-A-3A.d	Date:	17-MAY-2011 15:06
Client ID:	VLF # 7	Instrument:	0001 3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-5182-A-3,1.72		
Lab Sample ID:	200-5182-3		



Data File:	200-5182-A-3B.d	Date:	17-MAY-2011 15:22
Client ID:	VLF # 7	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-5182-A-3,1.72		
Lab Sample ID:	200-5182-3		



FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5182-1 Analy Batch No.: 5755

SDG No.:

Instrument ID: 0001.i GC Column: CTR-1 ID: 3.175(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2010 10:11 Calibration End Date: 06/11/2010 17:38 Calibration ID: 1965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-5755/1	CAL1B.d
Level 2	IC 200-5755/2	CAL1C.d
Level 3	IC 200-5755/3	CAL2A.d
Level 4	IC 200-5755/4	CAL2B.d
Level 5	IC 200-5755/5	CAL3A.d
Level 6	IC 200-5755/6	CAL3B.d
Level 7	ICRT 200-5755/7	CAL4A.d
Level 8	ICRT 200-5755/8	CAL4B.d
Level 9	IC 200-5755/13	CAL7A.d
Level 10	IC 200-5755/14	CAL7B.d
Level 11	IC 200-5755/15	CAL8B.d
Level 12	IC 200-5755/16	CAL8C.d
Level 13	IC 200-5755/9	CAL5A.d
Level 14	IC 200-5755/10	CAL5B.d
Level 15	IC 200-5755/11	CAL6A.d
Level 16	IC 200-5755/12	CAL6B.d

ANALYTE	LVL 1 LVL 11	LVL 2 LVL 12	LVL 3 LVL 13	LVL 4 LVL 14	LVL 5 LVL 15	LVL 6 LVL 16	LVL 7	LVL 8	LVL 9	LVL 10	RT WINDOW	AVG RT
Carbon dioxide	1.741 +++++	1.749 +++++	1.742 +++++	1.741 +++++	1.742 1.715	1.741 1.710	1.748	1.739	+++++	+++++	1.239 - 2.239	1.085
Oxygen	3.917 +++++	3.938 +++++	3.924 3.928	3.922 3.905	3.927 +++++	3.922 +++++	3.943	3.918	+++++	+++++	3.418 - 4.418	2.453
Nitrogen	 +++++	 +++++	4.911 4.884	4.905 4.848	4.911 +++++	4.906 +++++	4.943	4.901	4.860	4.832	4.401 - 5.401	3.493
Methane	6.805 6.676	6.793 6.717	6.785 +++++	6.788 +++++	6.785 +++++	6.783 +++++	6.835	6.778	+++++	+++++	6.278 - 7.278	4.234

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-5182-1 Analy Batch No.: 5755

SDG No.:

Instrument ID: 0001.i GC Column: CTR-1 ID: 3.175(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2010 10:11 Calibration End Date: 06/11/2010 17:38 Calibration ID: 1965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-5755/1	IC	CAL1B.d
Level 2	IC 200-5755/2	IC	CAL1C.d
Level 3	IC 200-5755/3	IC	CAL2A.d
Level 4	IC 200-5755/4	IC	CAL2B.d
Level 5	IC 200-5755/5	IC	CAL3A.d
Level 6	IC 200-5755/6	IC	CAL3B.d
Level 7	ICRT 200-5755/7	ICRT	CAL4A.d
Level 8	ICRT 200-5755/8	ICRT	CAL4B.d
Level 9	IC 200-5755/13	IC	CAL7A.d
Level 10	IC 200-5755/14	IC	CAL7B.d
Level 11	IC 200-5755/15	IC	CAL8B.d
Level 12	IC 200-5755/16	IC	CAL8C.d
Level 13	IC 200-5755/9	IC	CAL5A.d
Level 14	IC 200-5755/10	IC	CAL5B.d
Level 15	IC 200-5755/11	IC	CAL6A.d
Level 16	IC 200-5755/12	IC	CAL6B.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5 LVL 9 LVL 13	LVL 2 LVL 6 LVL 10 LVL 14	LVL 3 LVL 7 LVL 11 LVL 15	LVL 4 LVL 8 LVL 12 LVL 16		B	M1	M2								
Carbon dioxide	344520 340552 +++++ +++++	351060 341094 +++++ +++++	348438 353389 +++++ 338126	340528 349709 +++++ 338980	Ave		344639.720				1.6		20.0			
Oxygen	467450 345129 +++++ 332193	472975 342323 +++++ 335873	366848 347736 +++++ +++++	367985 347247 +++++ +++++	Ave		372575.702				14.2		20.0			
Nitrogen	 386718 378391 385567	 386741 380746 391277	437982 381185 +++++ +++++	439878 379321 +++++ +++++	Ave		394780.519				6.0		20.0			
Methane	269425 295723 +++++ +++++	265525 296231 +++++ +++++	316803 306339 327288 +++++	314833 305244 325831 +++++	Ave		302324.020				7.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-5182-1 Analy Batch No.: 5755

SDG No.:

Instrument ID: 0001.i GC Column: CTR-1 ID: 3.175(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2010 10:11 Calibration End Date: 06/11/2010 17:38 Calibration ID: 1965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-5755/1	CAL1B.d
Level 2	IC 200-5755/2	CAL1C.d
Level 3	IC 200-5755/3	CAL2A.d
Level 4	IC 200-5755/4	CAL2B.d
Level 5	IC 200-5755/5	CAL3A.d
Level 6	IC 200-5755/6	CAL3B.d
Level 7	ICRT 200-5755/7	CAL4A.d
Level 8	ICRT 200-5755/8	CAL4B.d
Level 9	IC 200-5755/13	CAL7A.d
Level 10	IC 200-5755/14	CAL7B.d
Level 11	IC 200-5755/15	CAL8B.d
Level 12	IC 200-5755/16	CAL8C.d
Level 13	IC 200-5755/9	CAL5A.d
Level 14	IC 200-5755/10	CAL5B.d
Level 15	IC 200-5755/11	CAL6A.d
Level 16	IC 200-5755/12	CAL6B.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (% V/V)				
		LVL 1 LVL 6 LVL 11 LVL 16	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9 LVL 14	LVL 5 LVL 10 LVL 15	LVL 1 LVL 6 LVL 11 LVL 16	LVL 2 LVL 7 LVL 12	LVL 3 LVL 8 LVL 13	LVL 4 LVL 9 LVL 14	LVL 5 LVL 10 LVL 15
Carbon dioxide	Ave	17226 852735 +++++ 33898021	17553 1766947 +++++	174219 1748547 +++++	170264 +++++ +++++	851381 +++++ 33812579	0.0500 2.50 +++++ 100	0.0500 5.00 +++++	0.500 5.00 +++++	0.500 +++++ +++++	2.50 +++++ 100
Oxygen	Ave	18698 684645 +++++ +++++	18919 1390943 +++++	146739 1388986 7308238	147194 +++++ 7389209	690258 +++++ +++++	0.0400 2.00 +++++ +++++	0.0400 4.00 +++++	0.400 4.00 22.0	0.400 +++++ 22.0	2.00 +++++ +++++
Nitrogen	Ave	966852 +++++ +++++	1905923 +++++	218991 1896607 30074220	219939 37839077 30519581	966795 38074602 +++++	2.50 +++++ +++++	5.00 +++++	0.500 5.00 78.0	0.500 100 78.0	2.50 100 +++++
Methane	Ave	10777 592462 32728764 +++++	10621 1225356 32583081	126721 1220975 +++++	125933 +++++ +++++	591446 +++++ +++++	0.0400 2.00 100 +++++	0.0400 4.00 100	0.400 4.00 +++++	0.400 +++++ +++++	2.00 +++++ +++++

Curve Type Legend:
Ave = Average

TestAmerica Burlington

Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL1B.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 10:11
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 11:36 Cal File: CAL1C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

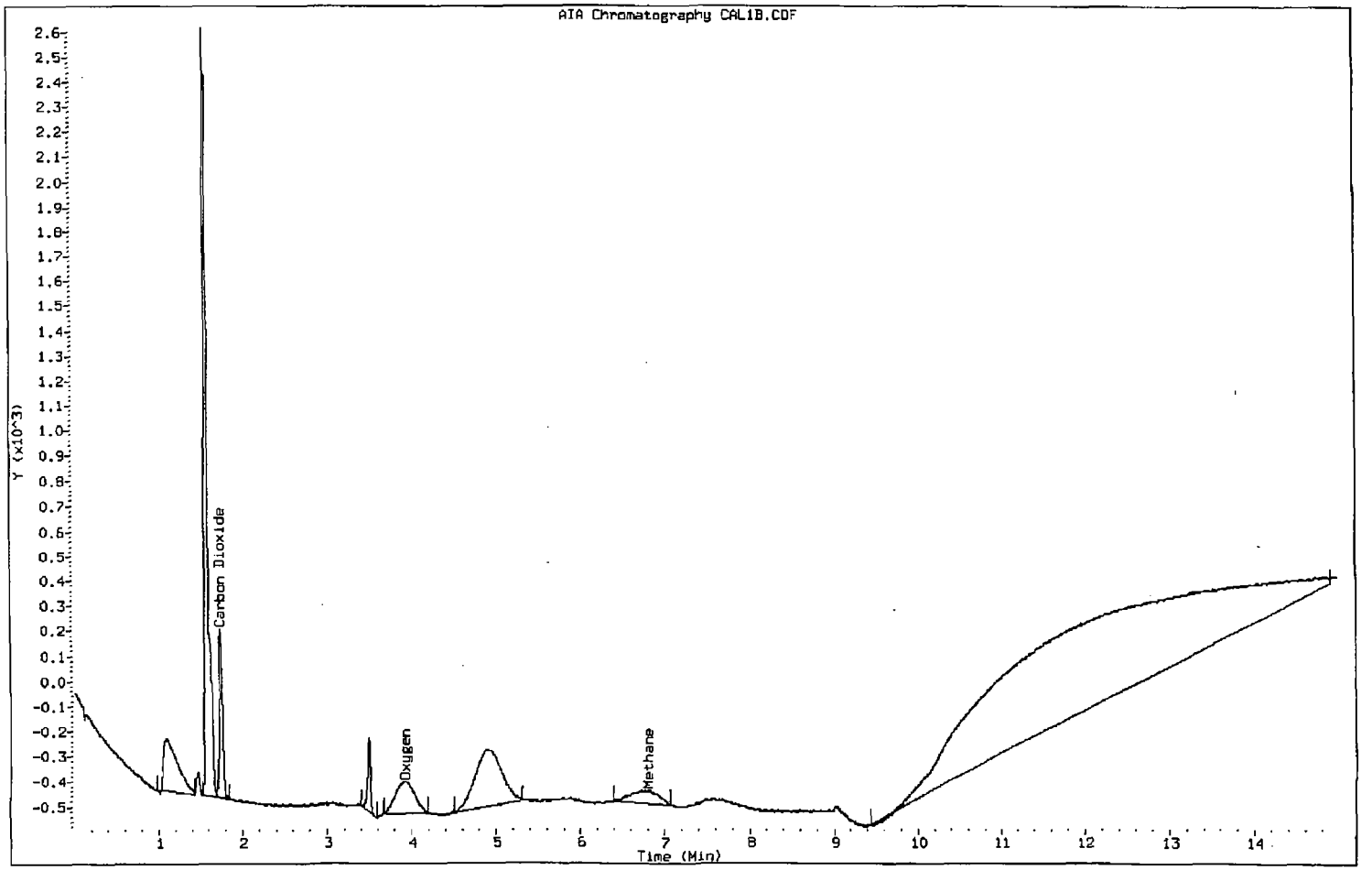
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.741	1.739	0.002	17226	0.05000	0.050
2 Oxygen	3.917	3.918	-0.001	18698	0.04000	0.050(M)
3 Nitrogen	Compound Not Detected.					
4 Methane	6.805	6.778	0.027	10777	0.04000	0.036(aM)
5 Carbon Monoxide	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File:	CAL1B.d	Date:	11-JUN-2010 10:11
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



Manual Integration Report

Data File: CAL1B.d
Lab Sample ID: IC
Inj. Date and Time: 11-JUN-2010 10:11
Instrument ID: 0001_3.i
Client ID: IC
Compound: 4 Methane
CAS #: 74-82-8
Report Date: 08/30/2010

Processing Integration Results

Not Detected

Expected RT: 6.78

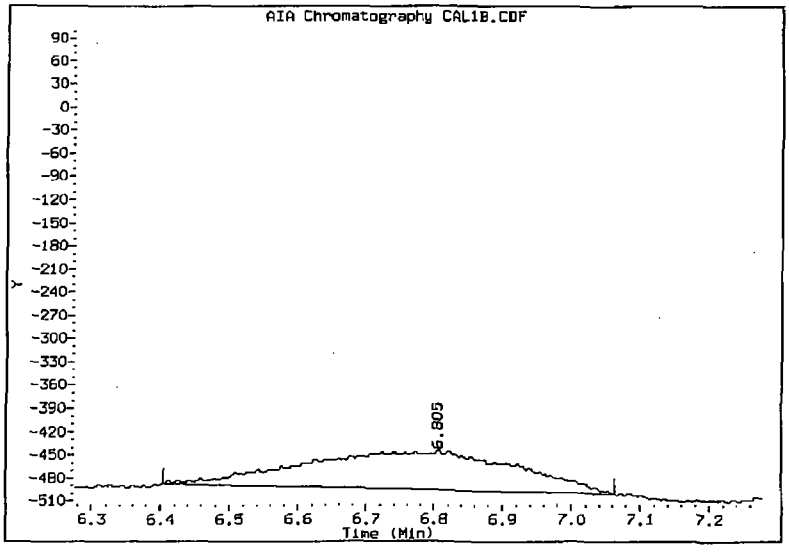
Manual Integration Results

RT: 6.80

Response: 10777

Amount: 0.035647

Conc: 0.035647



File Uploaded By: pd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: CAL1B.d
Lab Sample ID: IC
Inj. Date and Time: 11-JUN-2010 10:11
Instrument ID: 0001_3.i
Client ID: IC
Compound: 2 Oxygen
CAS #: 7782-44-7
Report Date: 08/30/2010

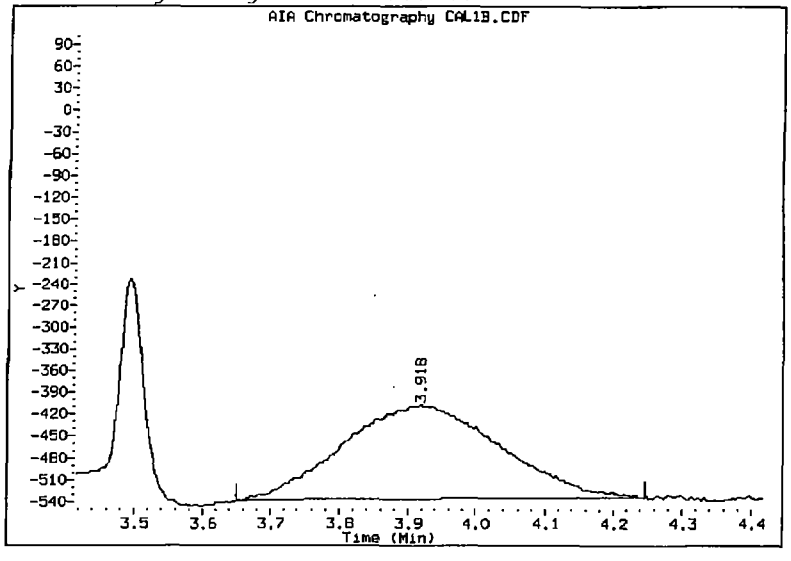
Processing Integration Results

RT: 3.92

Response: 20404

Amount: 0.054145

Conc: 0.054145



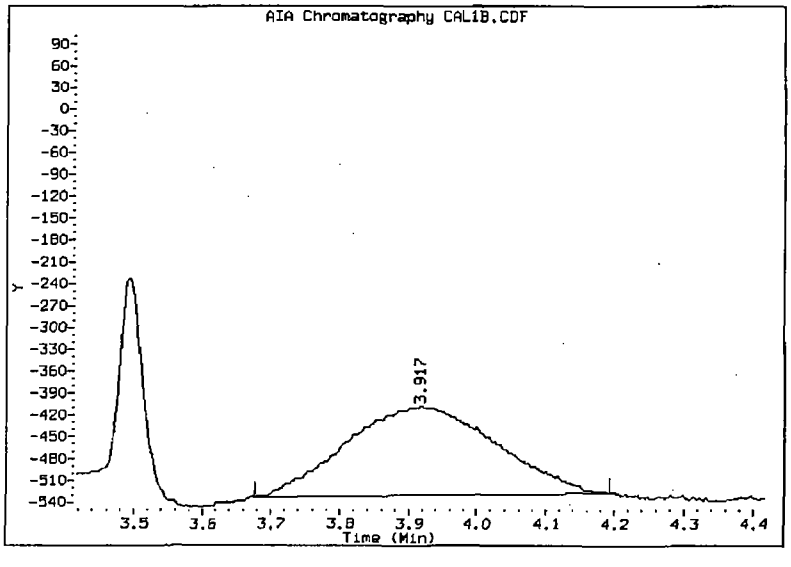
Manual Integration Results

RT: 3.92

Response: 18698

Amount: 0.050186

Conc: 0.050186



File Uploaded By: pd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL1C.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 11:36
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 11:36 Cal File: CAL1C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

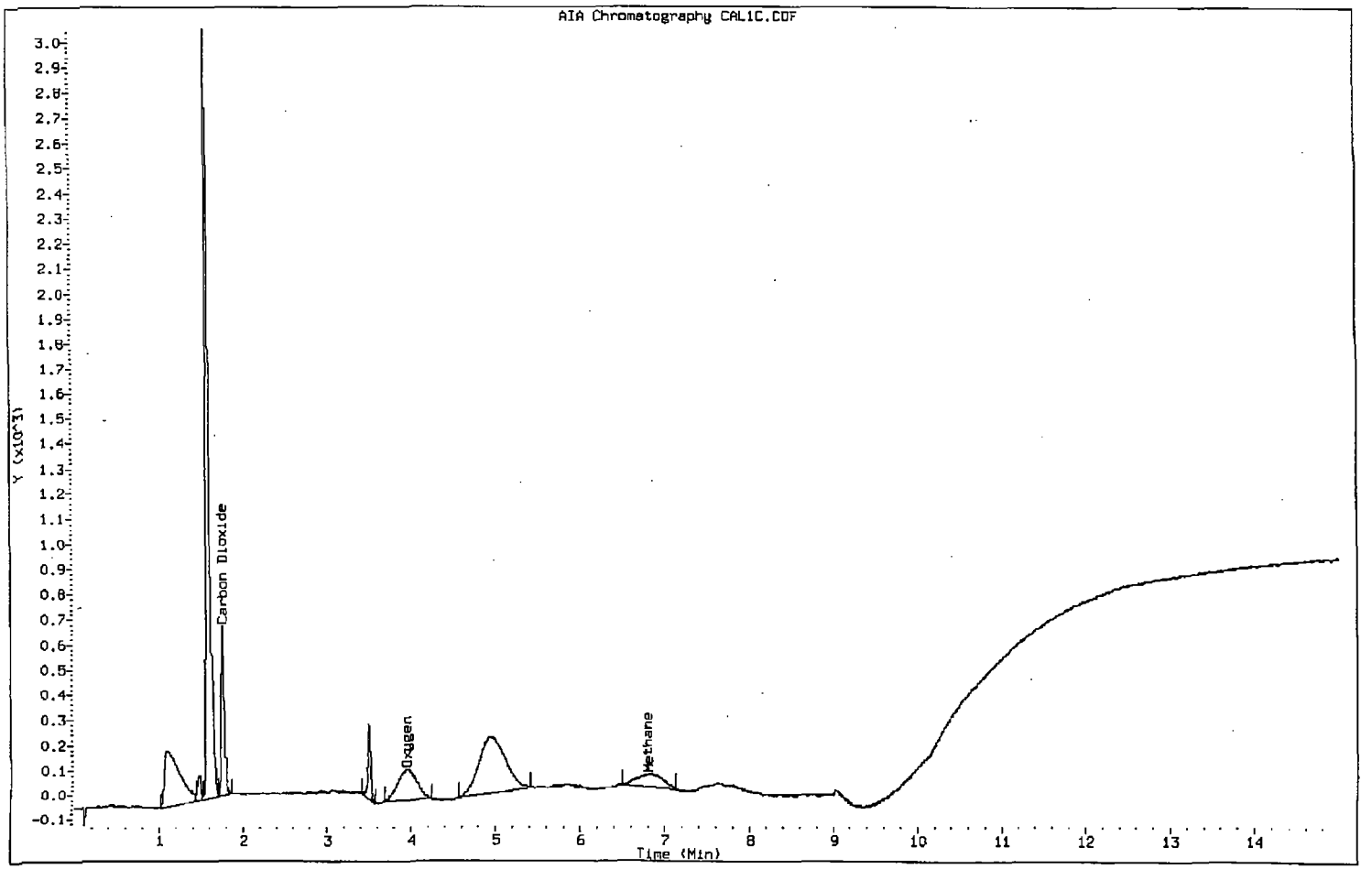
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.749	1.739	0.010	17553	0.05000	0.051
2 Oxygen	3.938	3.918	0.020	18919	0.04000	0.051(M)
3 Nitrogen	Compound Not Detected.					
4 Methane	6.793	6.778	0.015	10621	0.04000	0.035(aM)
5 Carbon Monoxide	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File:	CAL1C.d	Date:	11-JUN-2010 11:36
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



Manual Integration Report

Data File: CAL1C.d
Lab Sample ID: IC
Inj. Date and Time: 11-JUN-2010 11:36
Instrument ID: 0001_3.i
Client ID: IC
Compound: 4 Methane
CAS #: 74-82-8
Report Date: 08/30/2010

Processing Integration Results

Not Detected

Expected RT: 6.78

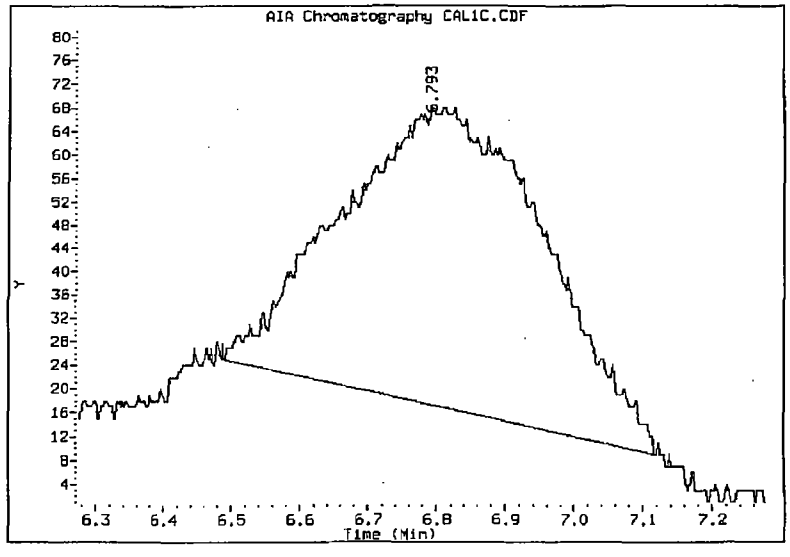
Manual Integration Results

RT: 6.79

Response: 10621

Amount: 0.035131

Conc: 0.035131



File Uploaded By: pd
Manual Integration Reason: Peak not found by the data system

Manual Integration Report

Data File: CAL1C.d
Lab Sample ID: IC
Inj. Date and Time: 11-JUN-2010 11:36
Instrument ID: 0001_3.i
Client ID: IC
Compound: 2 Oxygen
CAS #: 7782-44-7
Report Date: 08/30/2010

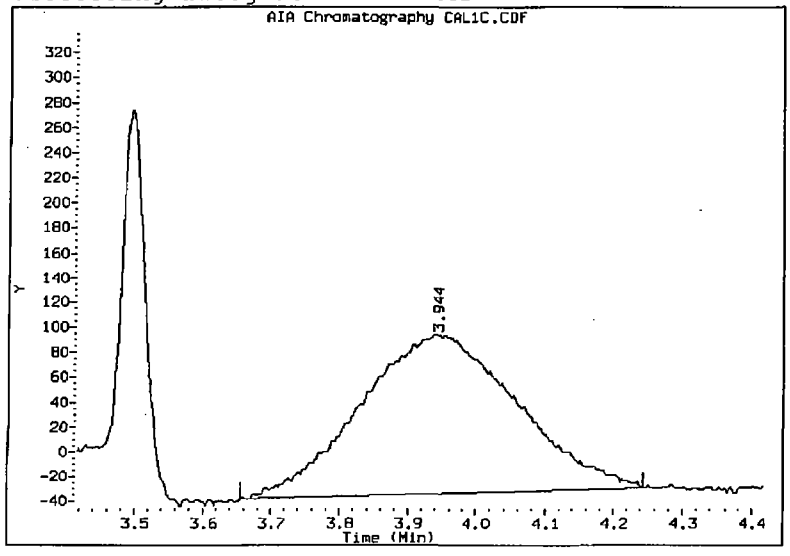
Processing Integration Results

RT: 3.94

Response: 20246

Amount: 0.050874

Conc: 0.050874



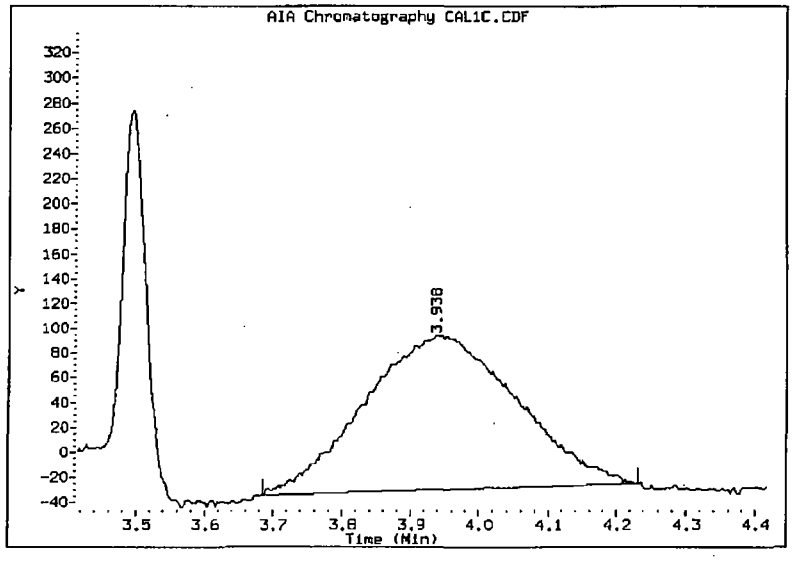
Manual Integration Results

RT: 3.94

Response: 18919

Amount: 0.050779

Conc: 0.050779



File Uploaded By: pd
Manual Integration Reason: Baseline event

TestAmerica Burlington

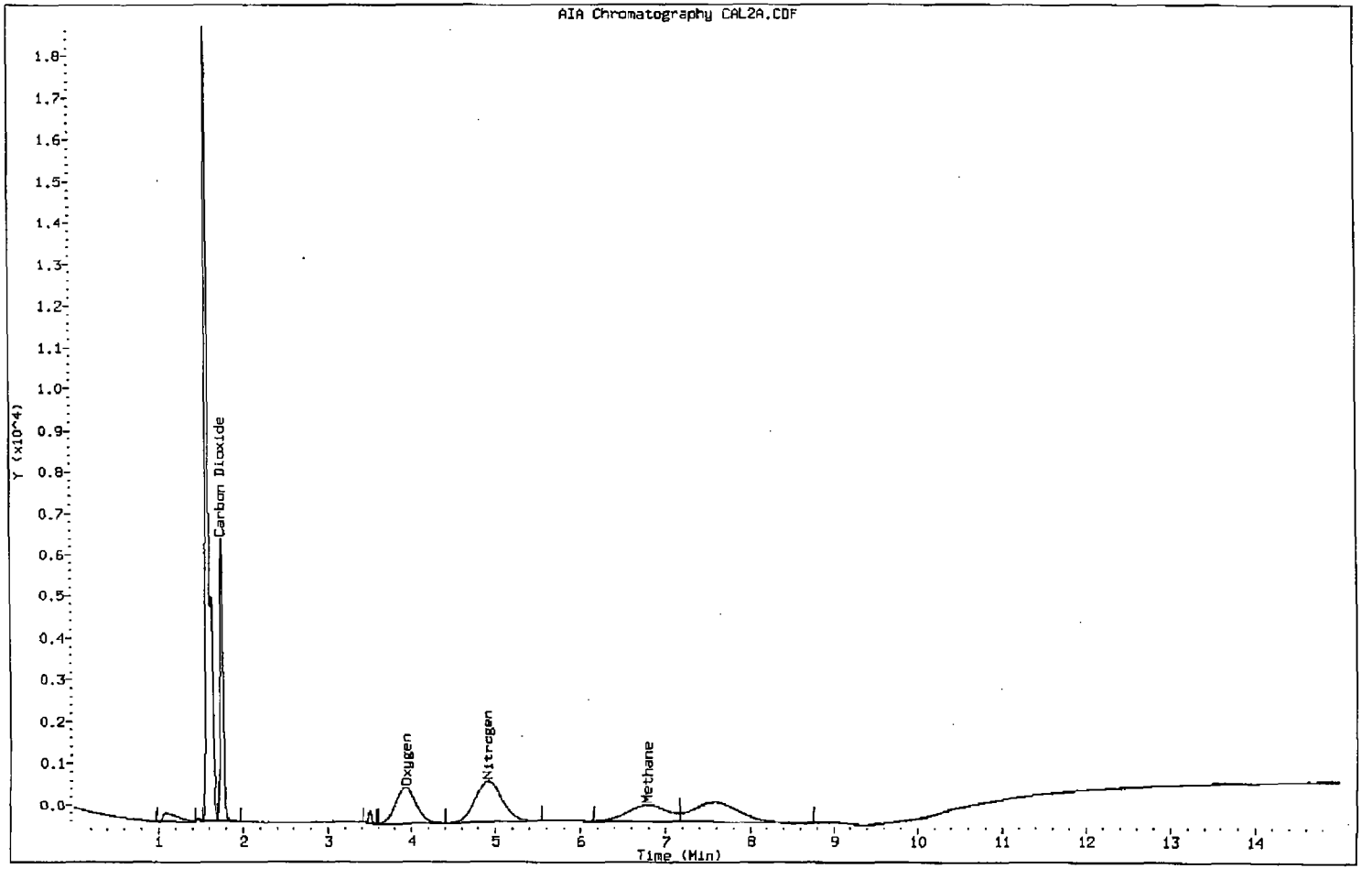
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL2A.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 10:27
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 10:43 Cal File: CAL2B.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.742	1.739	0.003	174219	0.50000	0.51
2 Oxygen	3.924	3.918	0.006	146739	0.40000	0.39
3 Nitrogen	4.911	4.901	0.010	218991	0.50000	0.55
4 Methane	6.785	6.778	0.007	126721	0.40000	0.42
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL2A.d	Date:	11-JUN-2010 10:27
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

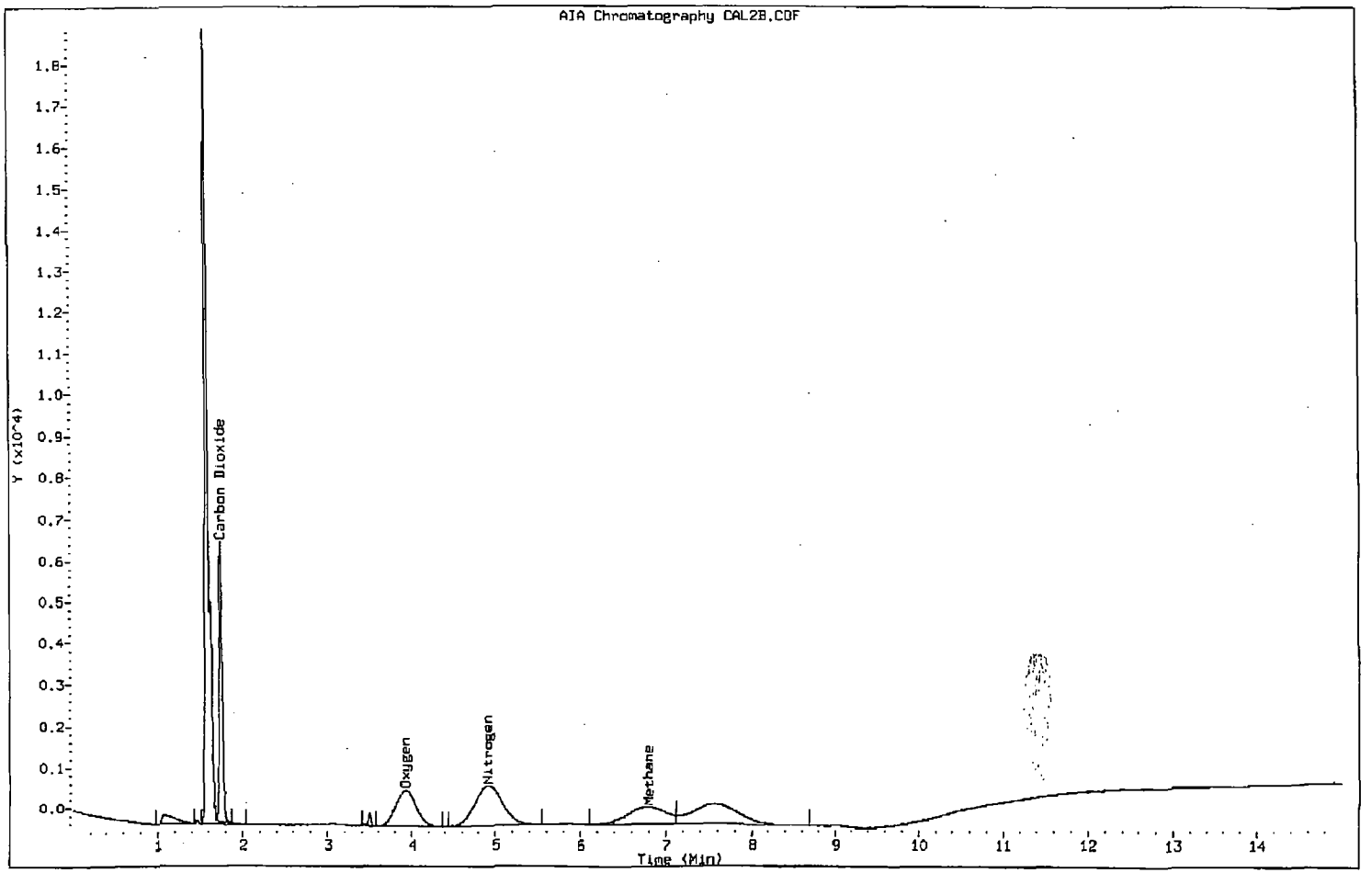
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL2B.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 10:43
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 10:43 Cal File: CAL2B.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.741	1.739	0.002	170264	0.50000	0.49
2 Oxygen	3.922	3.918	0.004	147194	0.40000	0.40
3 Nitrogen	4.905	4.901	0.004	219939	0.50000	0.56
4 Methane	6.788	6.778	0.010	125933	0.40000	0.42
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL2B.d	Date:	11-JUN-2010 10:43
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

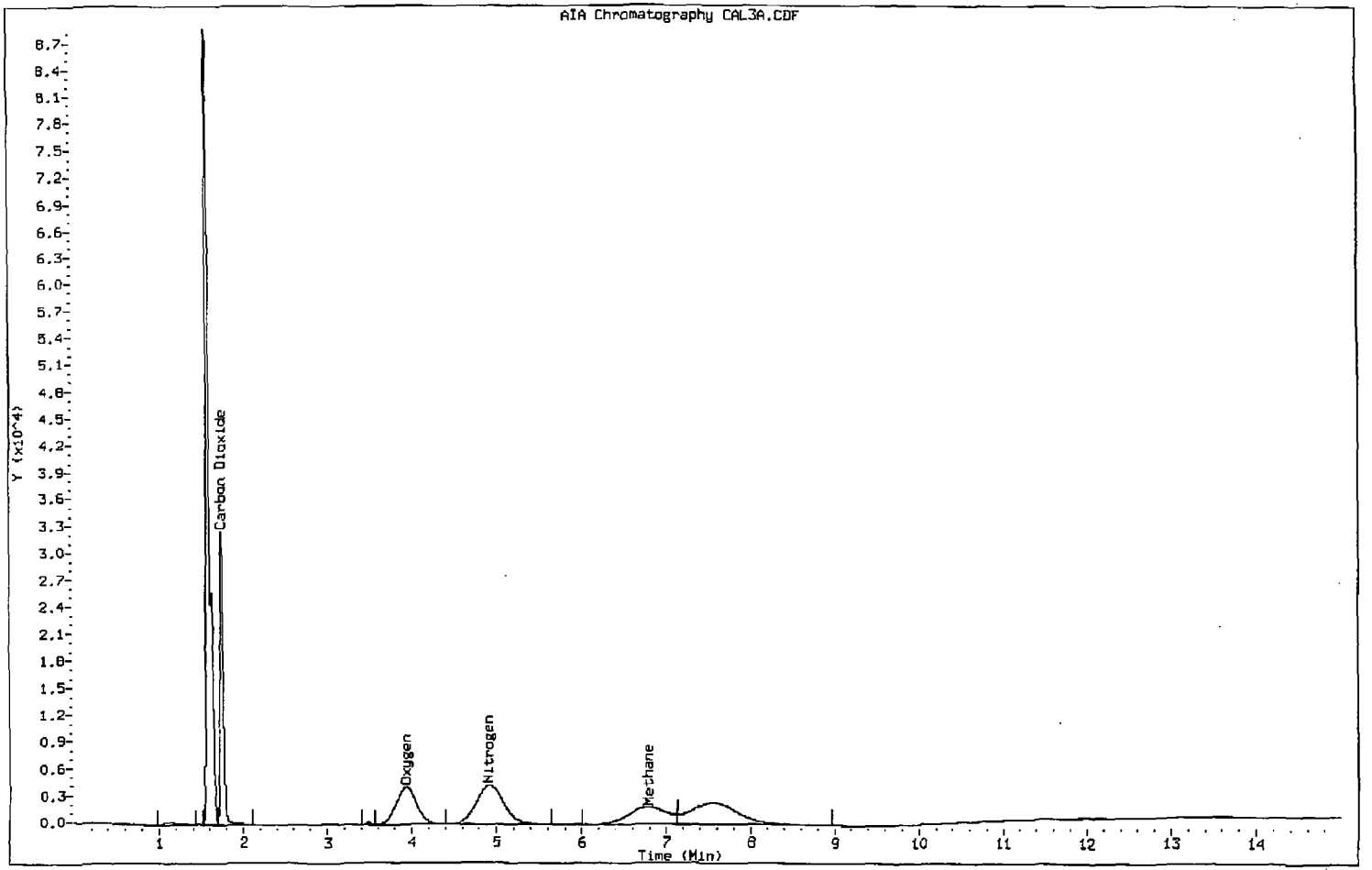
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL3A.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 10:58
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 11:14 Cal File: CAL3B.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (% v/v)	ON-COL (% v/v)
1 Carbon Dioxide	1.742	1.739	0.003	851381	2.50000	2.5
2 Oxygen	3.927	3.918	0.009	690258	2.00000	1.9
3 Nitrogen	4.911	4.901	0.010	966795	2.50000	2.4
4 Methane	6.785	6.778	0.007	591446	2.00000	2.0
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL3A.d	Date:	11-JUN-2010 10:58
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

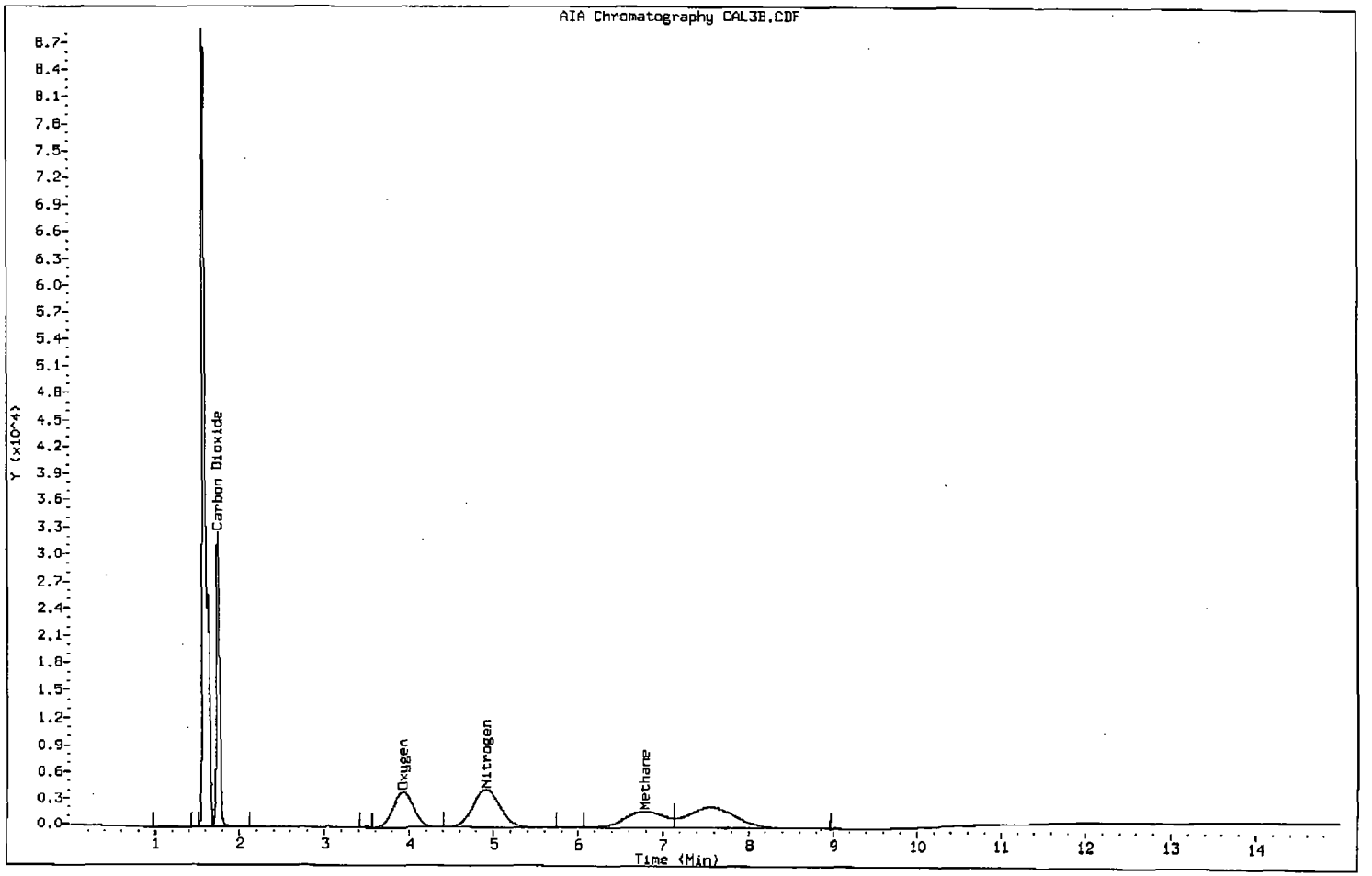
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL3B.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 11:14
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 11:14 Cal File: CAL3B.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.741	1.739	0.002	852735	2.50000	2.5
2 Oxygen	3.922	3.918	0.004	684645	2.00000	1.8
3 Nitrogen	4.906	4.901	0.005	966852	2.50000	2.4
4 Methane	6.783	6.778	0.005	592462	2.00000	2.0
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL3B.d	Date:	11-JUN-2010 11:14
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

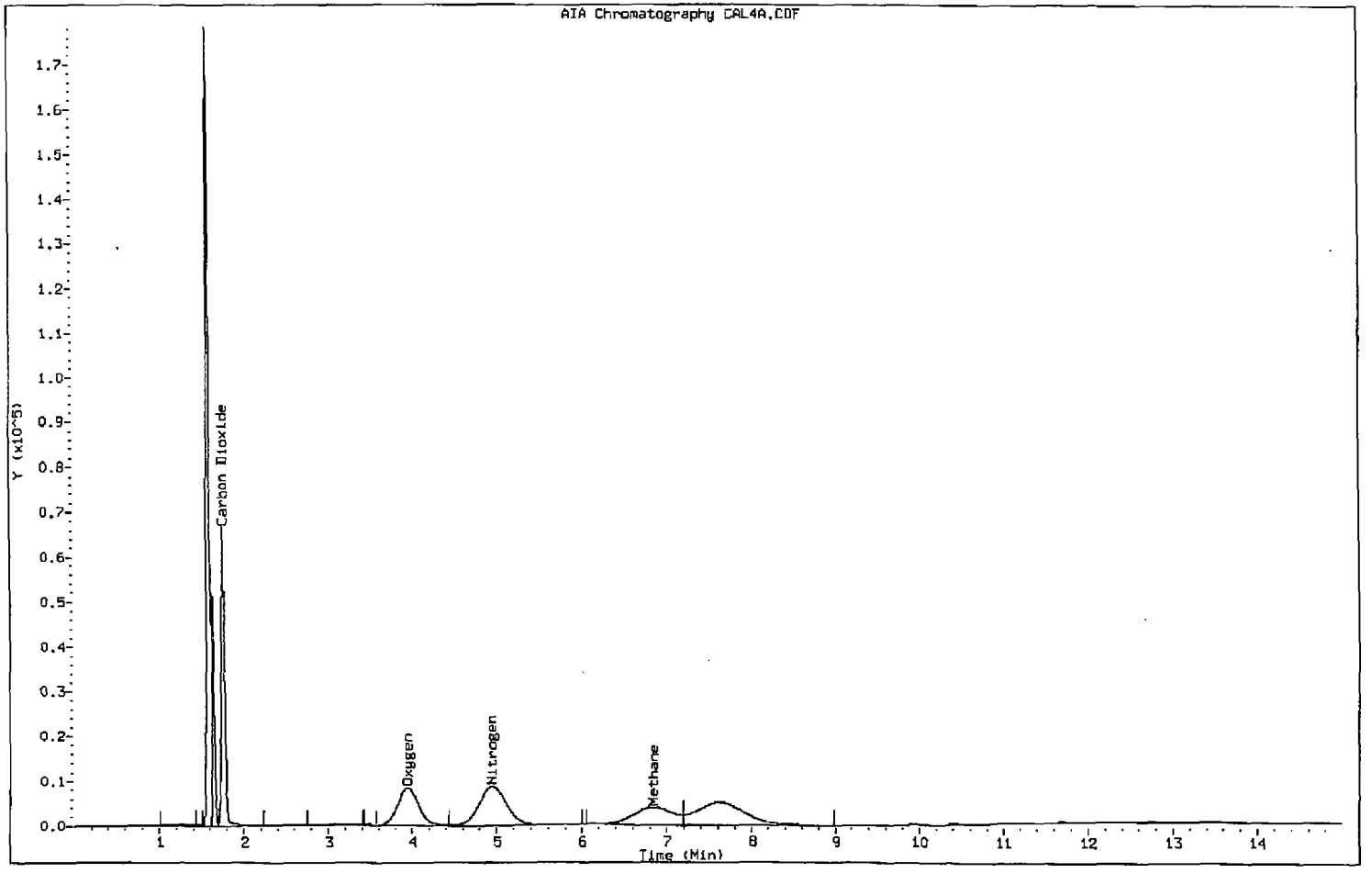
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL4A.d
Lab Smp Id: ICRT Client Smp ID: ICRT
Inj Date : 11-JUN-2010 12:38
Operator : PAD Inst ID: 0001_3.i
Smp Info : ICRT,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 12:54 Cal File: CAL4B.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.748	1.739	0.009	1766947	5.00000	5.1
2 Oxygen	3.943	3.918	0.025	1390943	4.00000	3.7
3 Nitrogen	4.943	4.901	0.042	1905923	5.00000	4.8
4 Methane	6.835	6.778	0.057	1225356	4.00000	4.1
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL4A.d	Date:	11-JUN-2010 12:38
Client ID:	ICRT	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	ICRT,1		
Lab Sample ID:	ICRT		



TestAmerica Burlington

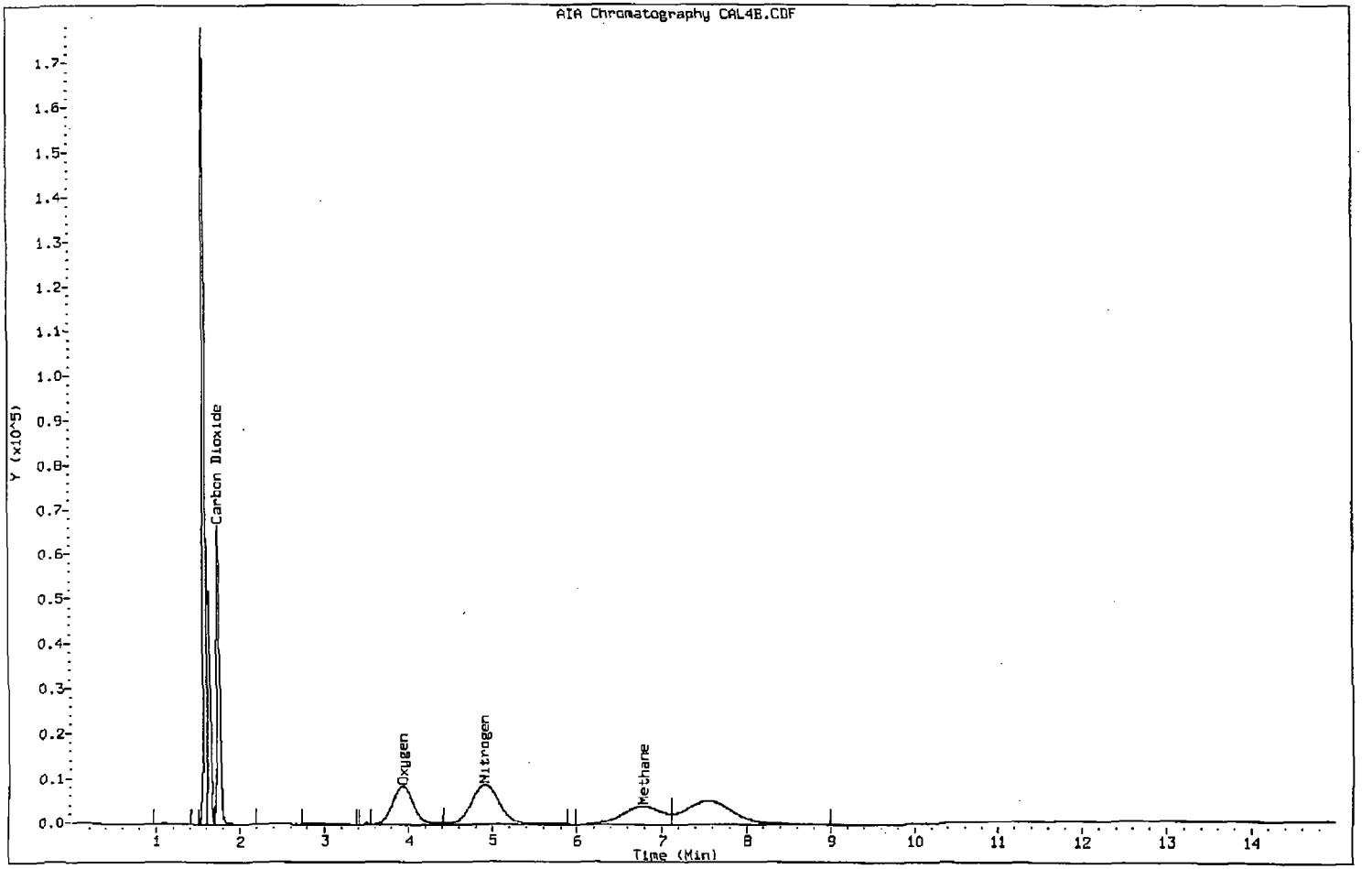
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL4B.d
Lab Smp Id: ICRT Client Smp ID: ICRT
Inj Date : 11-JUN-2010 12:54
Operator : PAD Inst ID: 0001_3.i
Smp Info : ICRT,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 12:54 Cal File: CAL4B.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.739	1.739	0.000	1748547	5.00000	5.1
2 Oxygen	3.918	3.918	0.000	1388986	4.00000	3.7
3 Nitrogen	4.901	4.901	0.000	1896607	5.00000	4.8
4 Methane	6.778	6.778	0.000	1220975	4.00000	4.0
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL4B.d	Date:	11-JUN-2010 12:54
Client ID:	ICRT	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	ICRT,1		
Lab Sample ID:	ICRT		



TestAmerica Burlington

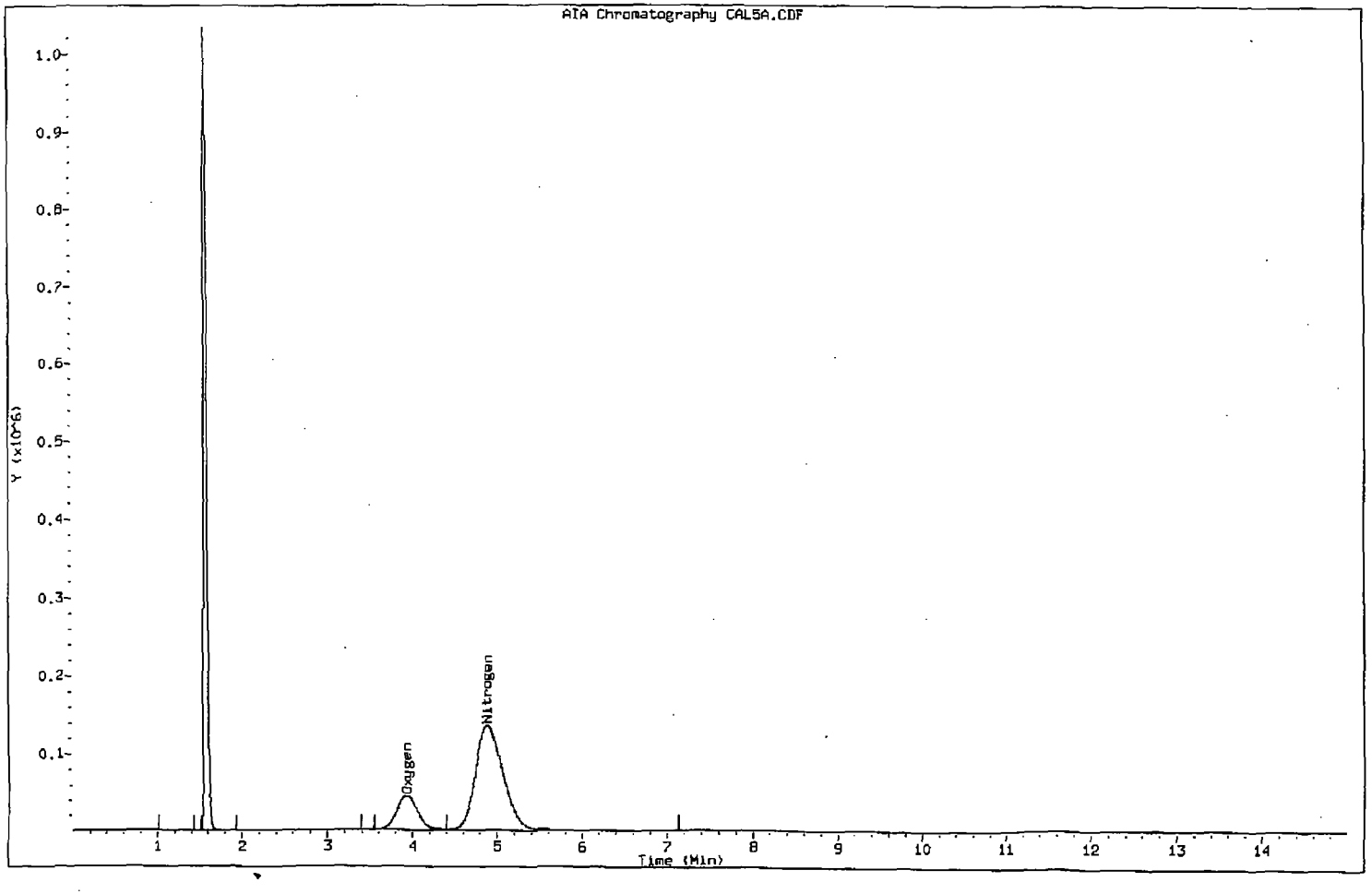
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL5A.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 14:00
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 14:16 Cal File: CAL5B.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	3.928	3.918	0.010	7308238	22.0000	20
3 Nitrogen	4.884	4.901	-0.017	30074220	78.0000	76
4 Methane	Compound Not Detected.					
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL5A.d	Date:	11-JUN-2010 14:00
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

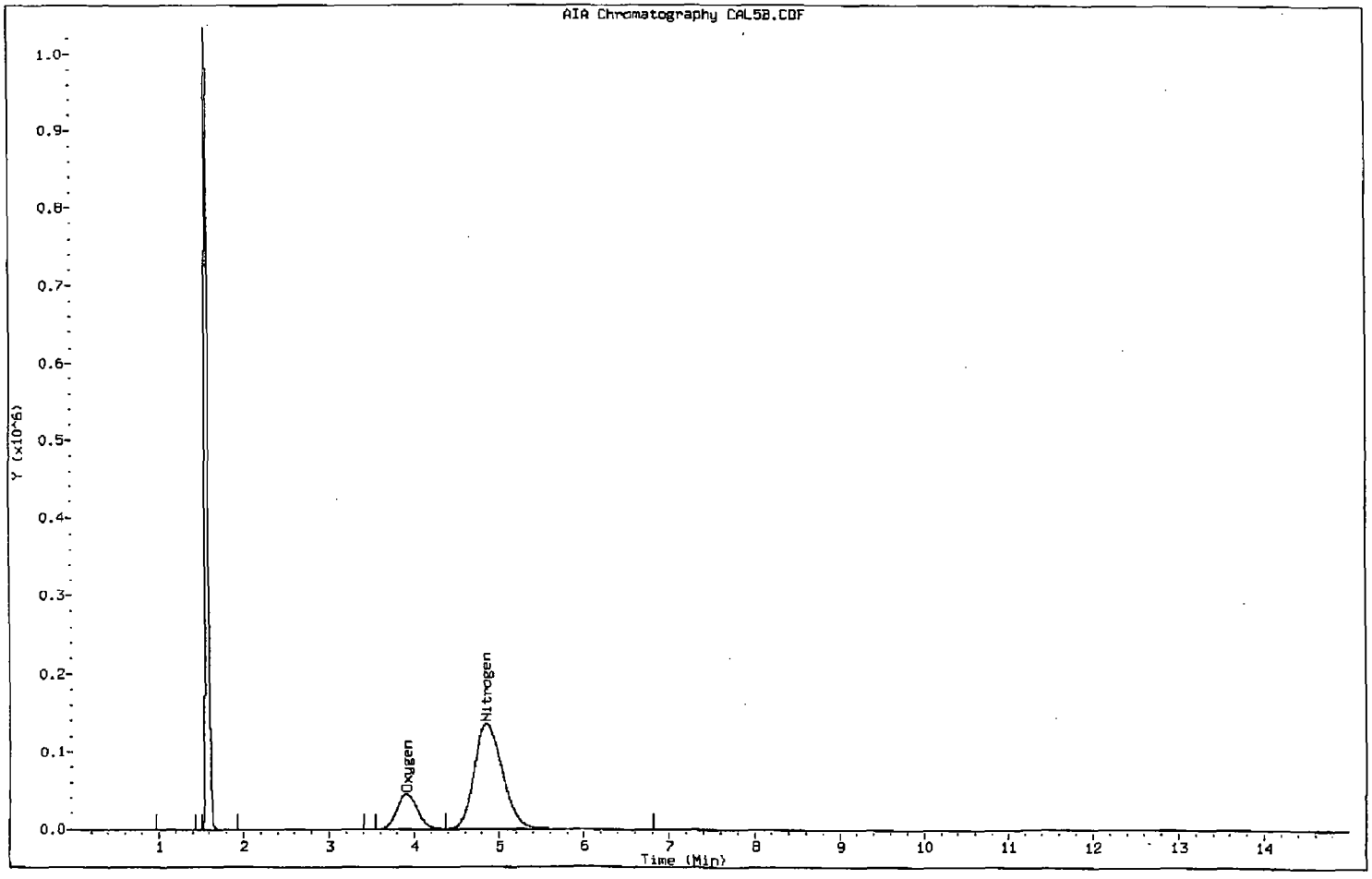
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL5B.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 14:16
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 14:16 Cal File: CAL5B.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	3.905	3.918	-0.013	7389209	22.0000	20
3 Nitrogen	4.848	4.901	-0.053	30519581	78.0000	77
4 Methane	Compound Not Detected.					
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL5B.d	Date:	11-JUN-2010 14:16
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

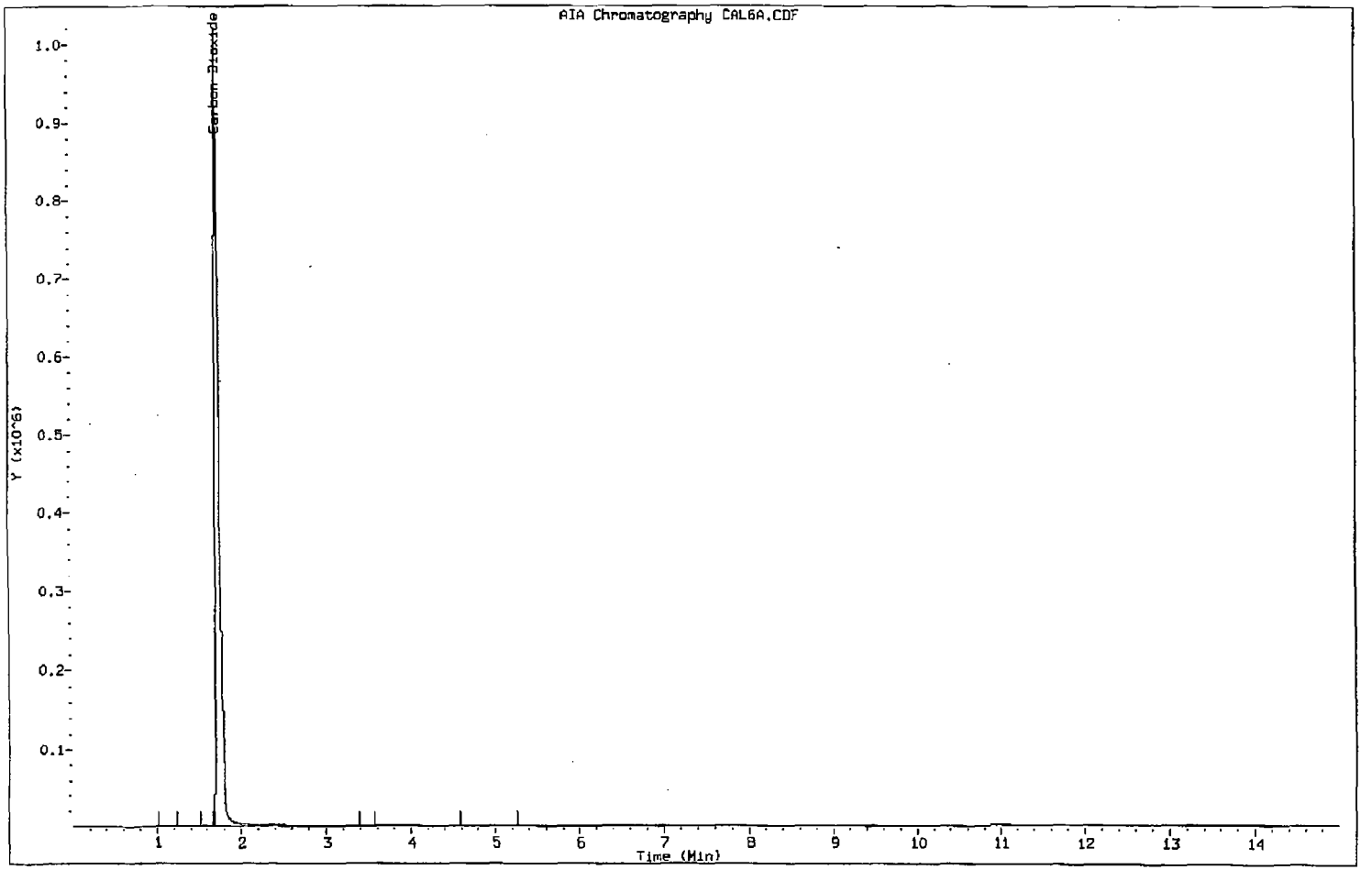
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL6A.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 14:38
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 14:54 Cal File: CAL6B.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.715	1.739	-0.024	33812579	100.000	98
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL6A.d	Date:	11-JUN-2010 14:38
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

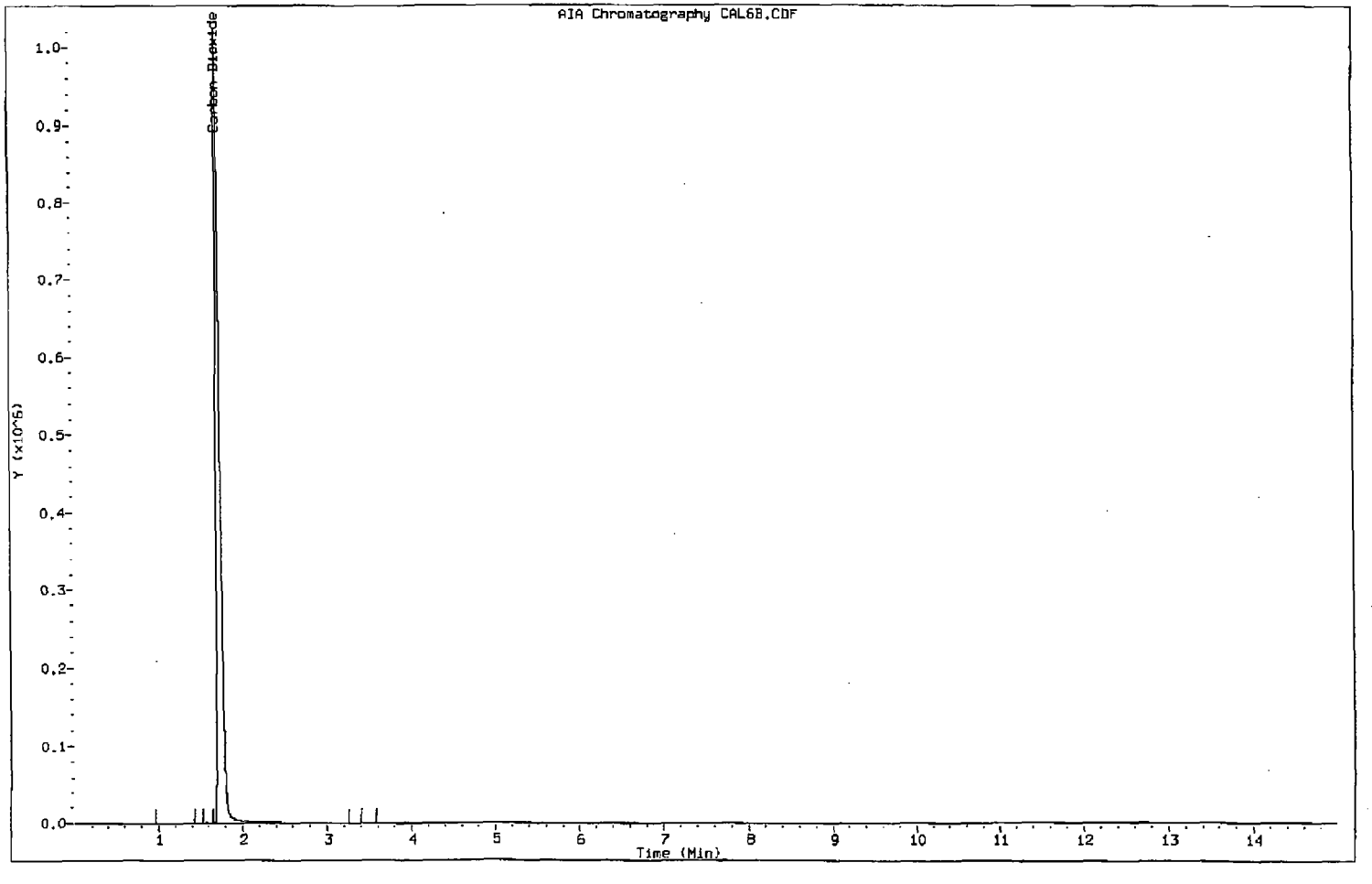
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL6B.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 14:54
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 14:54 Cal File: CAL6B.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.710	1.739	-0.029	33898021	100.000	98
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL6B.d	Date:	11-JUN-2010 14:54
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

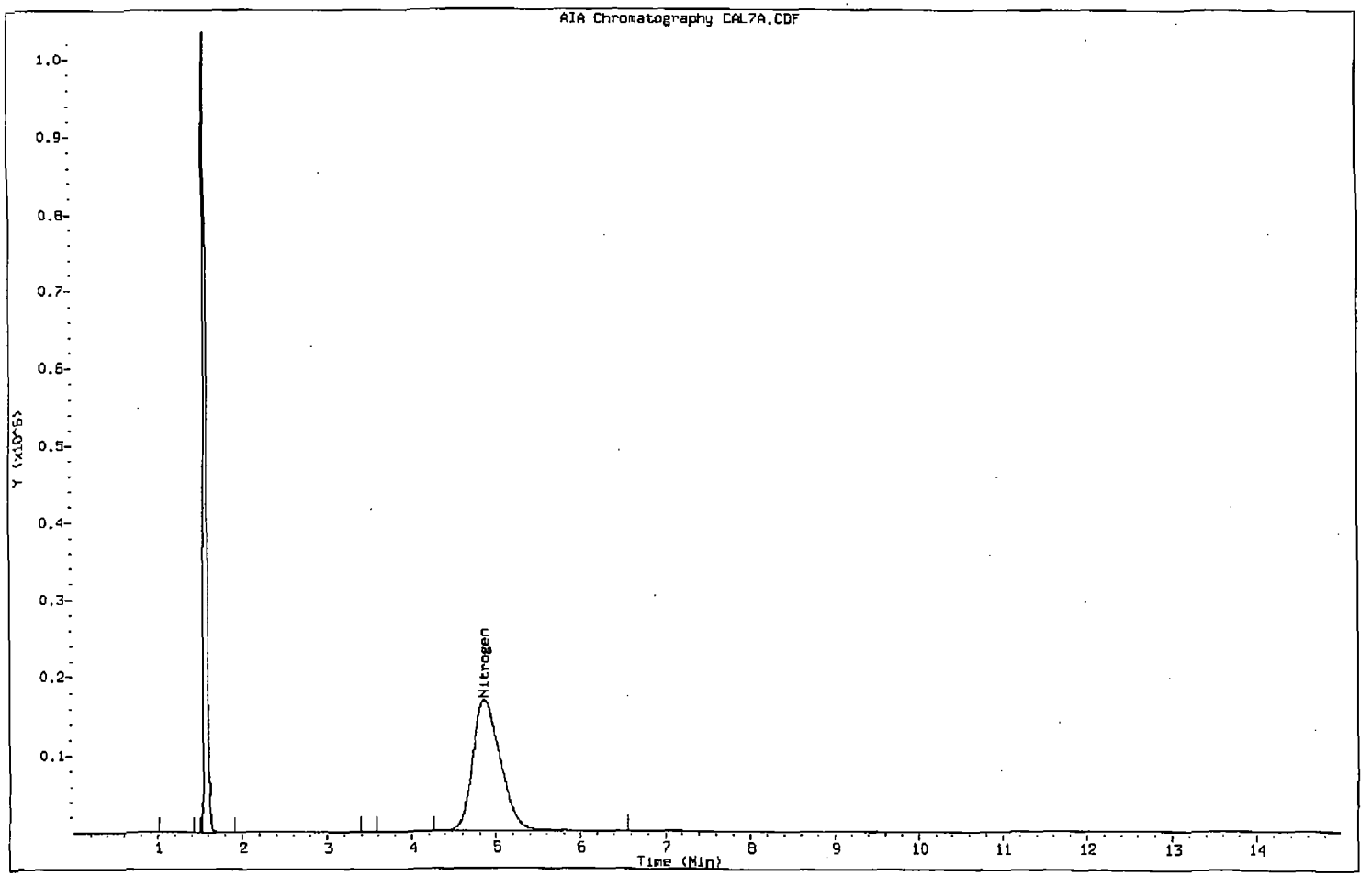
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL7A.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 15:28
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 15:44 Cal File: CAL7B.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	4.860	4.901	-0.041	37839077	100.000	96
4 Methane	Compound Not Detected.					
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL7A.d	Date:	11-JUN-2010 15:28
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

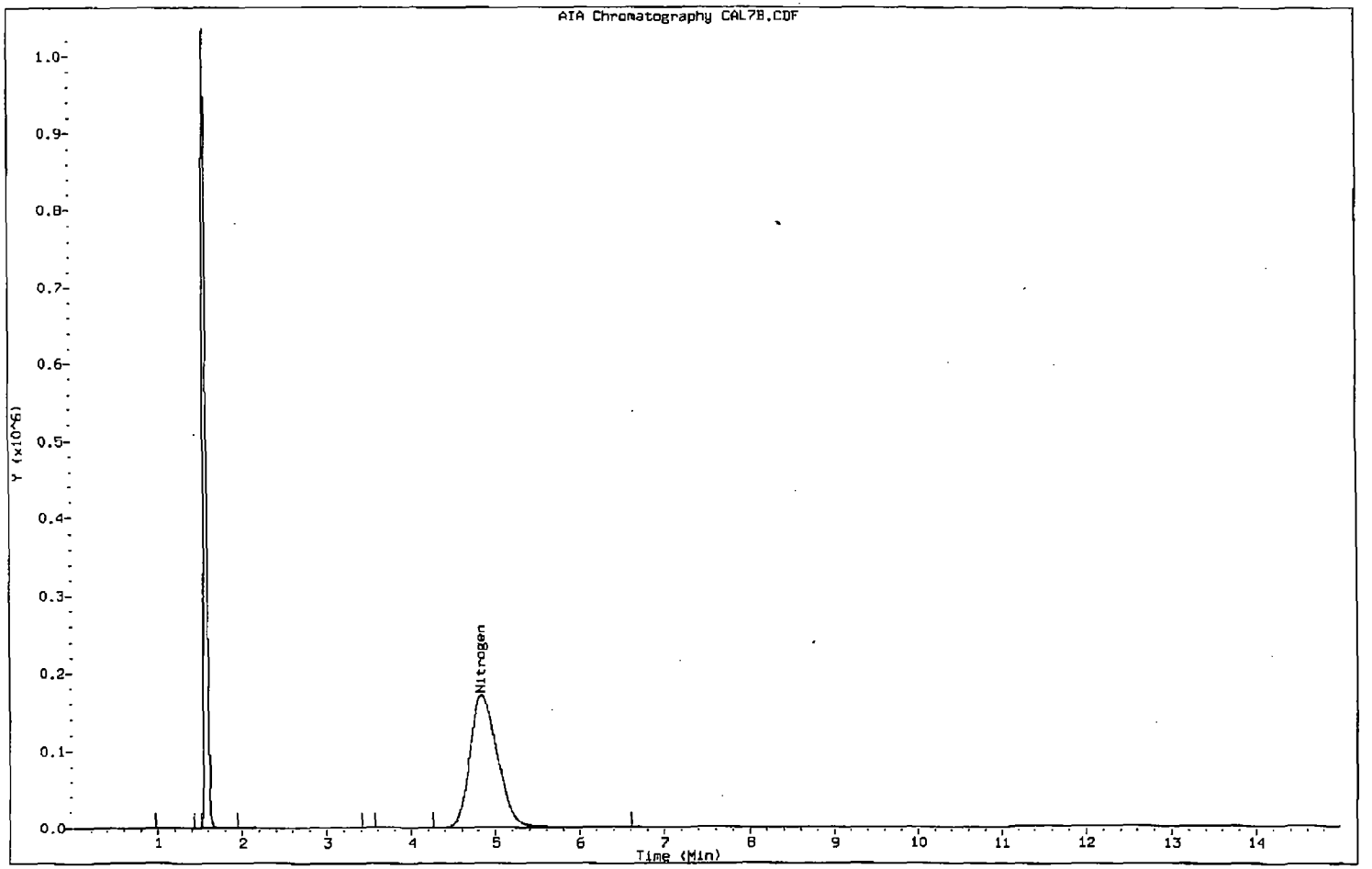
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL7B.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 15:44
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 15:44 Cal File: CAL7B.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	4.832	4.901	-0.069	38074602	100.000	96
4 Methane	Compound Not Detected.					
5 Carbon Monoxide	Compound Not Detected.					

Data File:	CAL7B.d	Date:	11-JUN-2010 15:44
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL8B.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 16:49
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

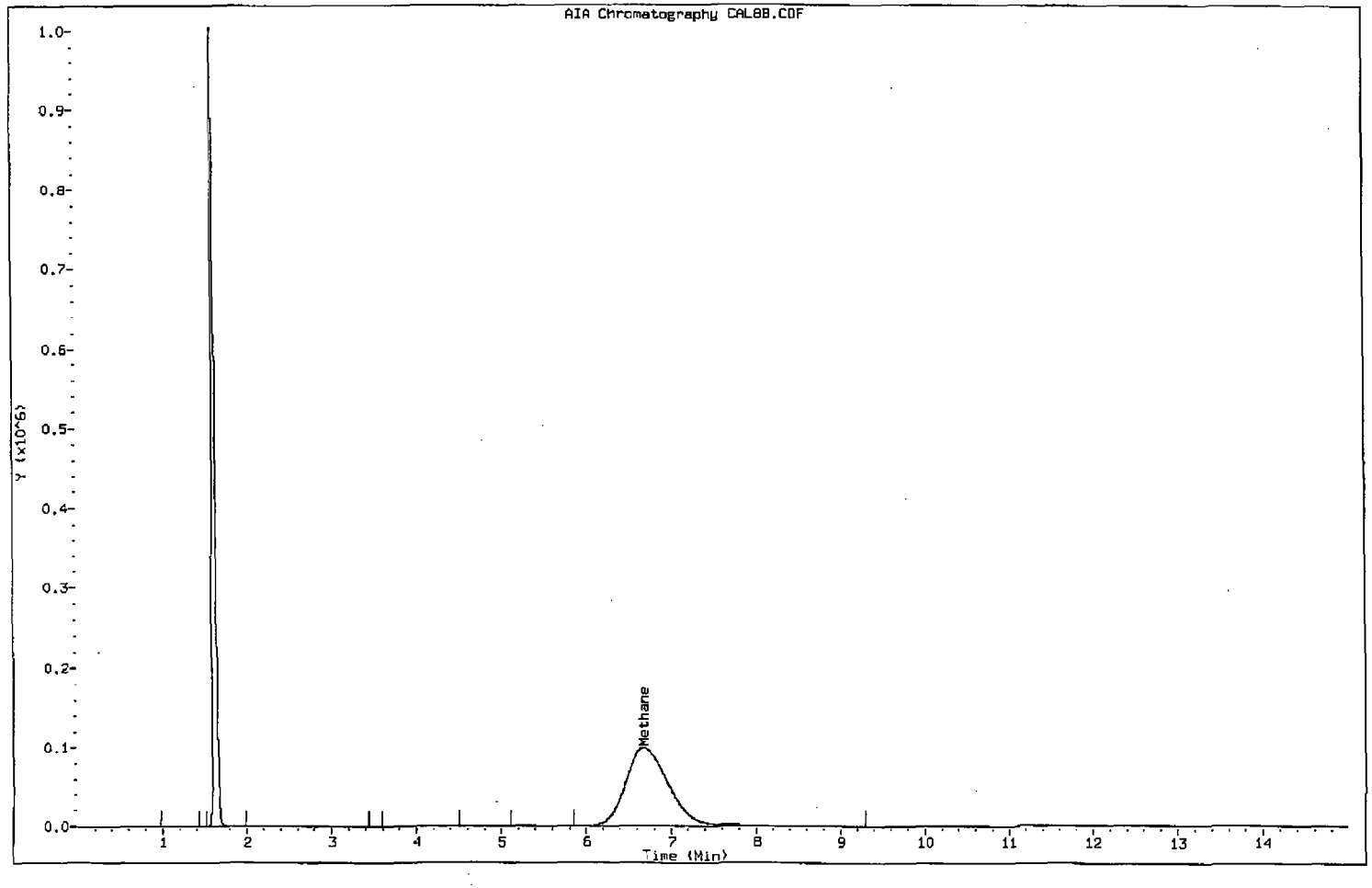
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	6.676	6.778	-0.102	32728764	100.000	110(A)
5 Carbon Monoxide	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File:	CAL8B.d	Date:	11-JUN-2010 16:49
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



TestAmerica Burlington

Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/CAL8C.d
Lab Smp Id: IC Client Smp ID: IC
Inj Date : 11-JUN-2010 17:38
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

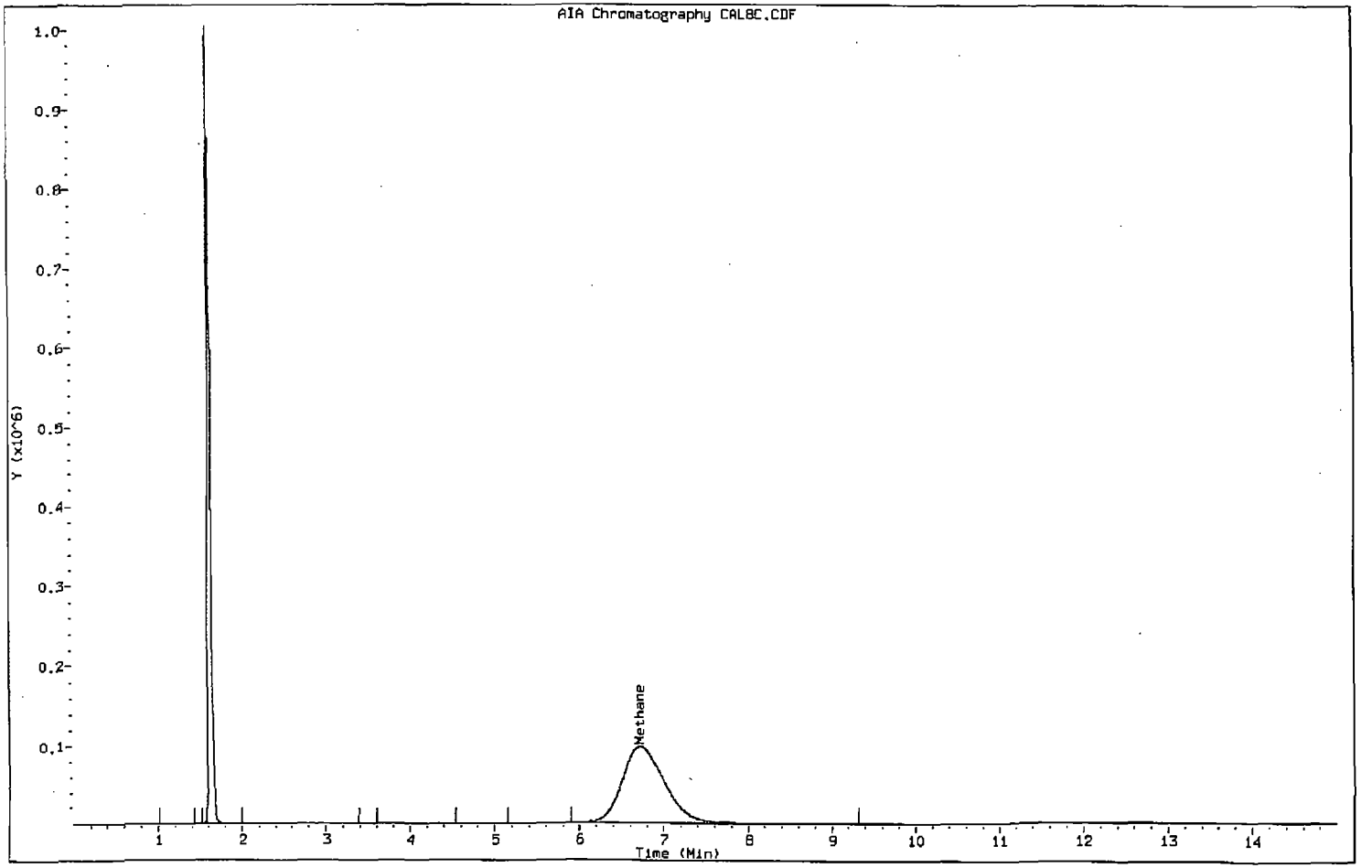
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	6.717	6.778	-0.061	32583081	100.000	110(A)
5 Carbon Monoxide	Compound Not Detected.					

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File:	CAL8C.d	Date:	11-JUN-2010 17:38
Client ID:	IC	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC,1		
Lab Sample ID:	IC		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab Sample ID: ICV 200-5755/17 Calibration Date: 06/11/2010 18:03

Instrument ID: 0001.i Calib Start Date: 06/11/2010 10:11

GC Column: CTR-1 ID: 3.18(mm) Calib End Date: 06/11/2010 17:38

Lab File ID: ICVA.d-avg Conc. Units: % v/v Heated Purge: (Y/N) N

EPA Sample No.: ICV

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon dioxide	Ave	344640	350013		5.08	5.00	1.6	
Oxygen	Ave	372576	343841		3.71	4.00	-7.7	
Nitrogen	Ave	394781	375171		4.80	5.00	-5.0	
Methane	Ave	302324	305512		4.04	4.00	1.1	

TestAmerica Burlington

Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/ICVA.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 11-JUN-2010 18:03
Operator : PAD Inst ID: 0001_3.i
Smp Info : ICV,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.746	1.739	0.007	1750065	5.07796	5.1
2 Oxygen	3.934	3.918	0.016	1375362	3.69150	3.7
3 Nitrogen	4.931	4.901	0.030	1875854	4.75164	4.8
4 Methane	6.818	6.778	0.040	1222048	4.04218	4.0
5 Carbon Monoxide	Compound Not Detected.					

Processing 3C data for files:
v:\icva.txt
v:\icvb.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	100	100	100	0.11
Oxygen	100	100	100	1.23
Nitrogen	100	100	100	2.01
Methane	100	100	100	0.29
Carbon Monoxide	100	100	100	0

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.08	5.07	5.08	0.11
Oxygen	3.69	3.74	3.71	1.23
Nitrogen	4.75	4.85	4.8	2.01
Methane	4.04	4.03	4.04	0.29
Carbon Monoxide	0	0	0	0

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

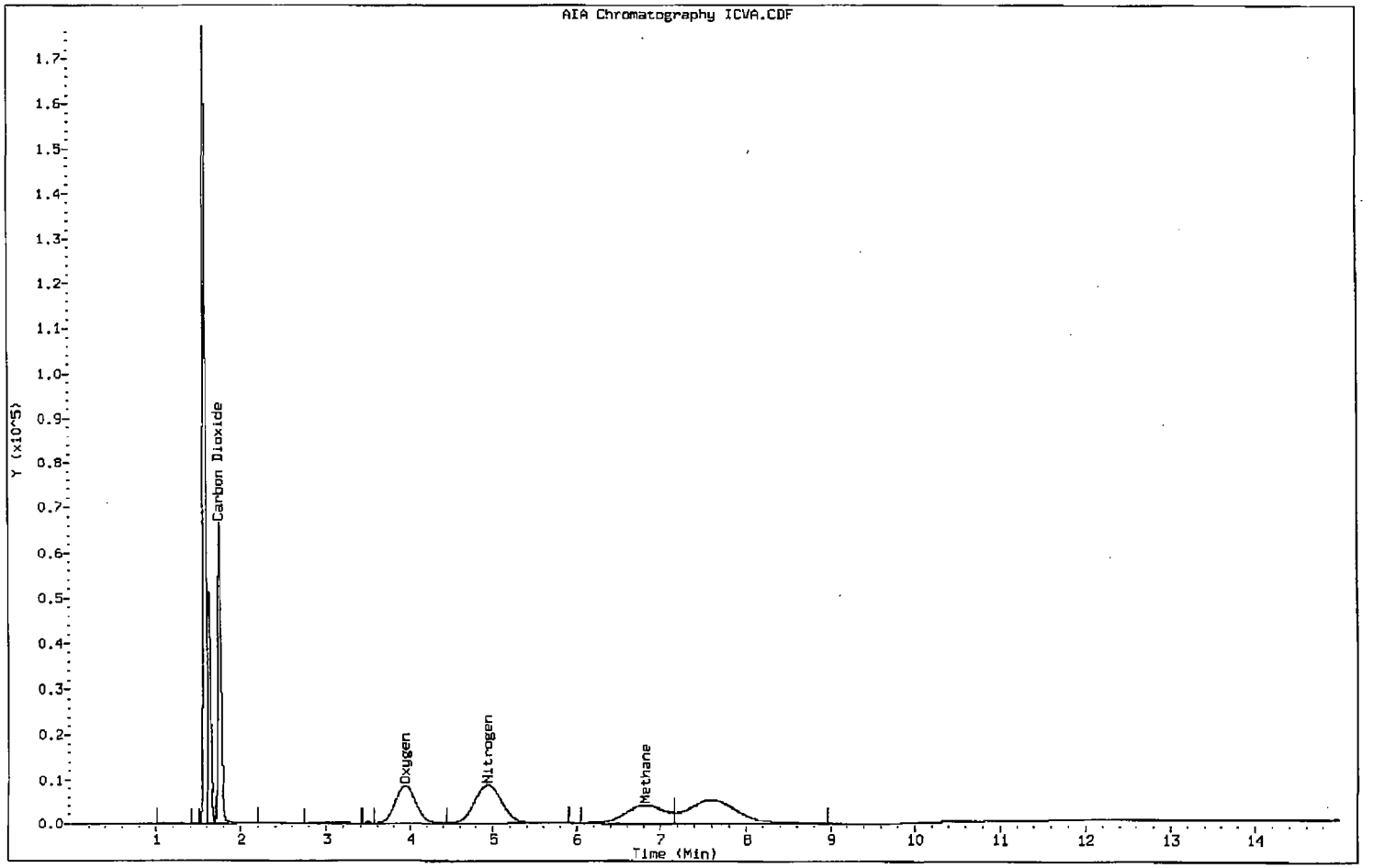
Data file : /var/chem/0001_3.i/11JUN103CTALMTP.b/ICVB.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 11-JUN-2010 18:19
Operator : PAD Inst ID: 0001_3.i
Smp Info : ICV,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/11JUN103CTALMTP.b/3C_ASTM2t.m
Meth Date : 27-Aug-2010 12:10 pd Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

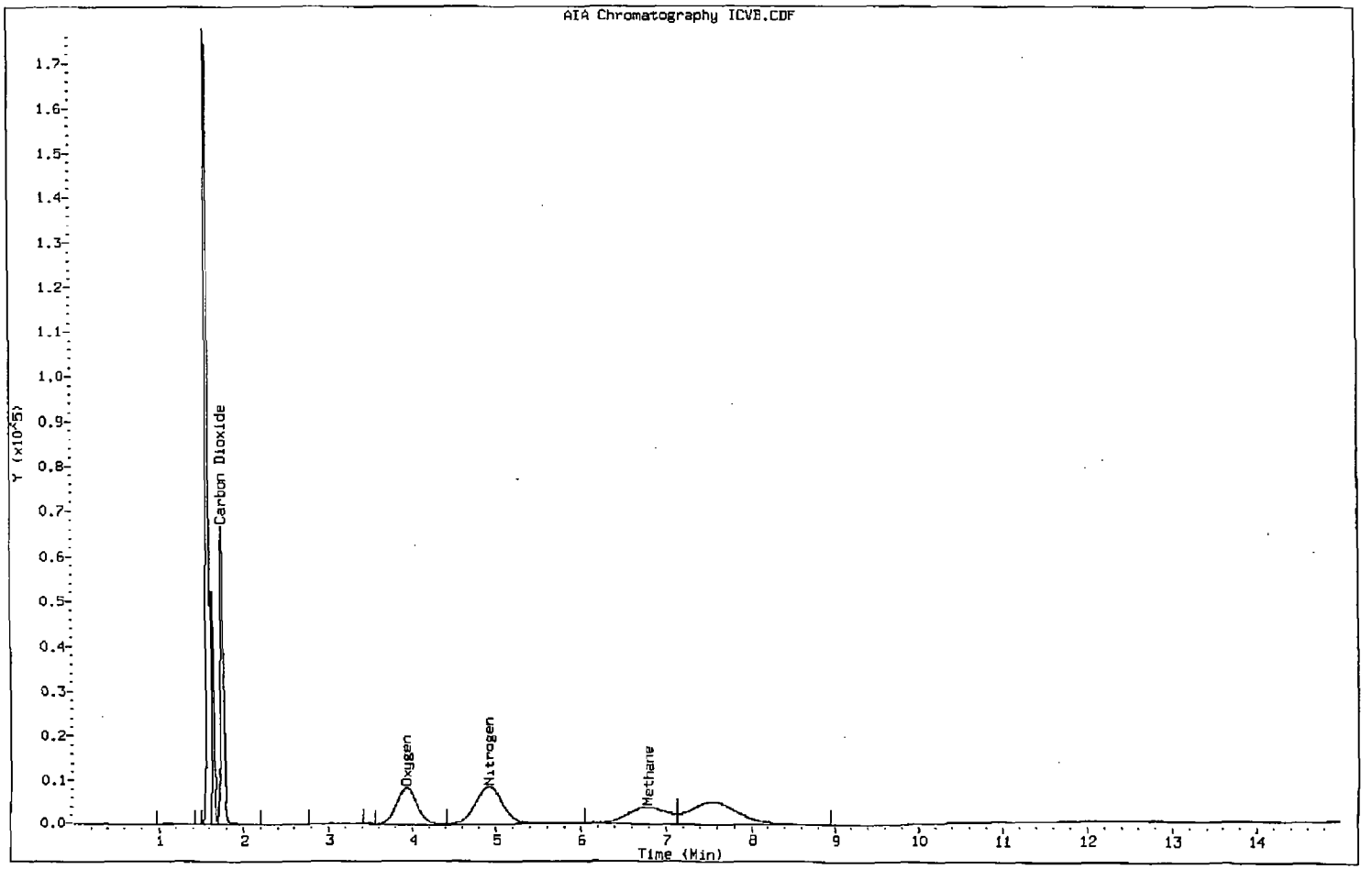
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.741	1.739	0.002	1748111	5.07229	5.1
2 Oxygen	3.923	3.918	0.005	1392346	3.73708	3.7
3 Nitrogen	4.906	4.901	0.005	1913971	4.84819	4.8
4 Methane	6.784	6.778	0.006	1218539	4.03057	4.0
5 Carbon Monoxide	Compound Not Detected.					

Data File:	ICVA.d	Date:	11-JUN-2010 18:03
Client ID:	ICV	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	ICV,1		
Lab Sample ID:	ICV		



Data File:	ICVB.d	Date:	11-JUN-2010 18:19
Client ID:	ICV	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	ICV,1		
Lab Sample ID:	ICV		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab Sample ID: CCV 200-18120/1 Calibration Date: 05/17/2011 07:55

Instrument ID: 0001.i Calib Start Date: 06/11/2010 10:11

GC Column: CTR-1 ID: 3.18(mm) Calib End Date: 06/11/2010 17:38

Lab File ID: 3CCCV051711A.d-avg Conc. Units: % v/v Heated Purge: (Y/N) N

EPA Sample No.: 3CCCV051711

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon dioxide	Ave	344640	352556		5.11	5.00	2.3	20.0
Oxygen	Ave	372576	347388		3.73	4.00	-6.8	20.0
Nitrogen	Ave	394781	382806		4.85	5.00	-3.0	20.0
Methane	Ave	302324	300175		3.97	4.00	-0.7	20.0

TestAmerica Burlington

Data file : /var/chem/0001_3.i/17MAY113C.b/3CCCV051711A.d
Lab Smp Id: 3CCCV051711 Client Smp ID: 3CCCV051711
Inj Date : 17-MAY-2011 07:55
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCV051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (% v/v)	ON-COL (% v/v)
1 Carbon Dioxide	1.743	1.739	0.004	1769471	5.00000	5.1
2 Oxygen	3.925	3.918	0.007	1392608	4.00000	3.7
3 Nitrogen	4.886	4.901	-0.015	1923628	5.00000	4.9
4 Methane	6.741	6.778	-0.037	1201154	4.00000	4.0

TestAmerica Burlington

Data file : /var/chem/0001_3.i/17MAY113C.b/3CCCV051711B.d
Lab Smp Id: 3CCCV051711 Client Smp ID: 3CCCV051711
Inj Date : 17-MAY-2011 08:11
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCV051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.738	1.739	-0.001	1756086	5.00000	5.1
2 Oxygen	3.893	3.918	-0.025	1386494	4.00000	3.7
3 Nitrogen	4.834	4.901	-0.067	1904429	5.00000	4.8
4 Methane	6.672	6.778	-0.106	1200248	4.00000	4.0

Processing 3C data for files:
v:\3cccv051711a.txt
v:\3cccv051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1769471	1756086	1762778.5	0.76
Oxygen	1392608	1386494	1389551	0.44
Nitrogen	1923628	1904429	1914028.5	1
Methane	1201154	1200248	1200701	0.08

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.13	5.1	5.11	0.76
Oxygen	3.74	3.72	3.73	0.44
Nitrogen	4.87	4.82	4.85	1
Methane	3.97	3.97	3.97	0.08

Processing 25C data for files:
w:\25cccv051711a.txt
w:\25cccv051711b.txt
w:\25cccv051711c.txt

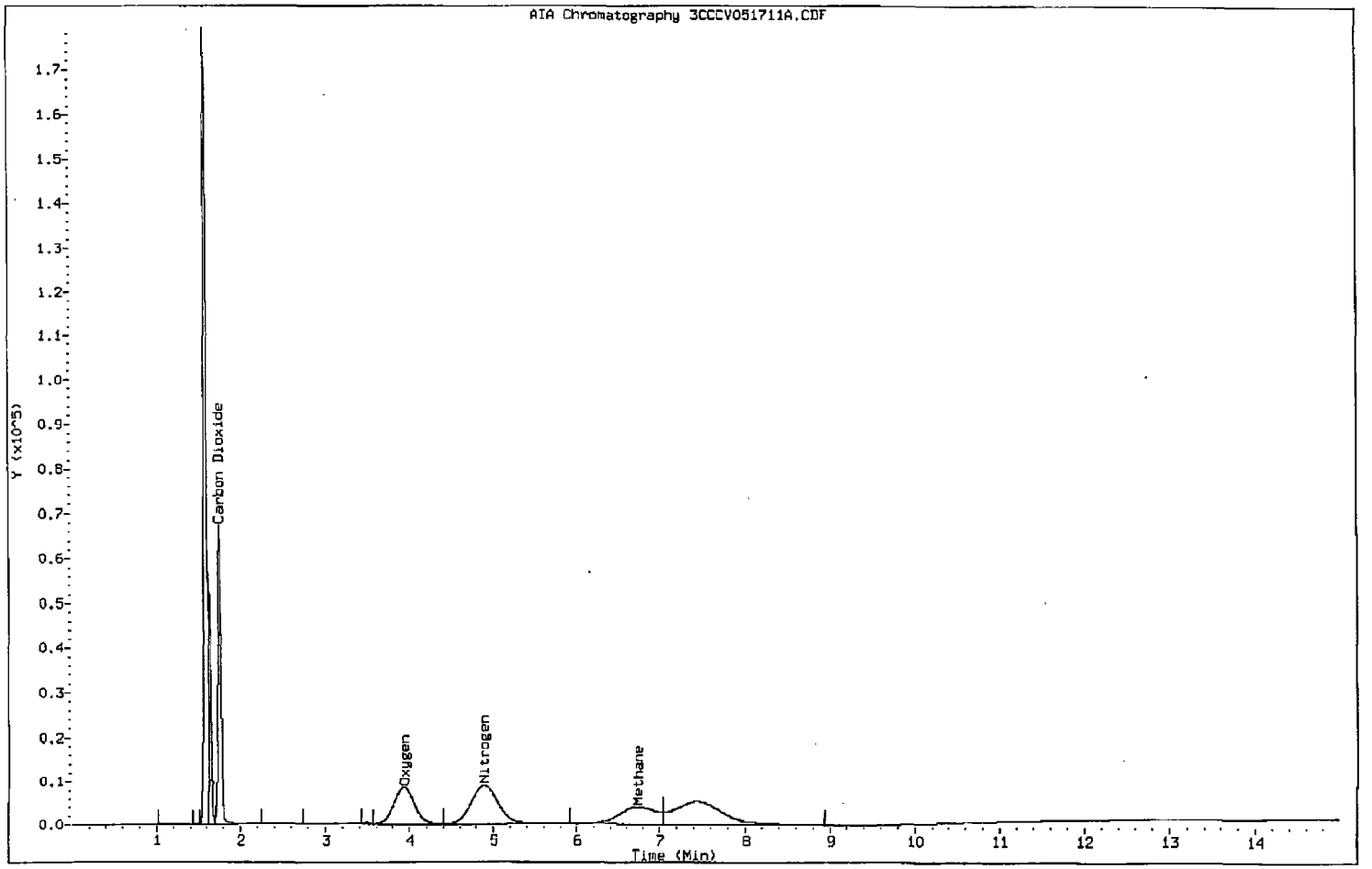
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	7415170	7802889	7903946	7707335	3.35

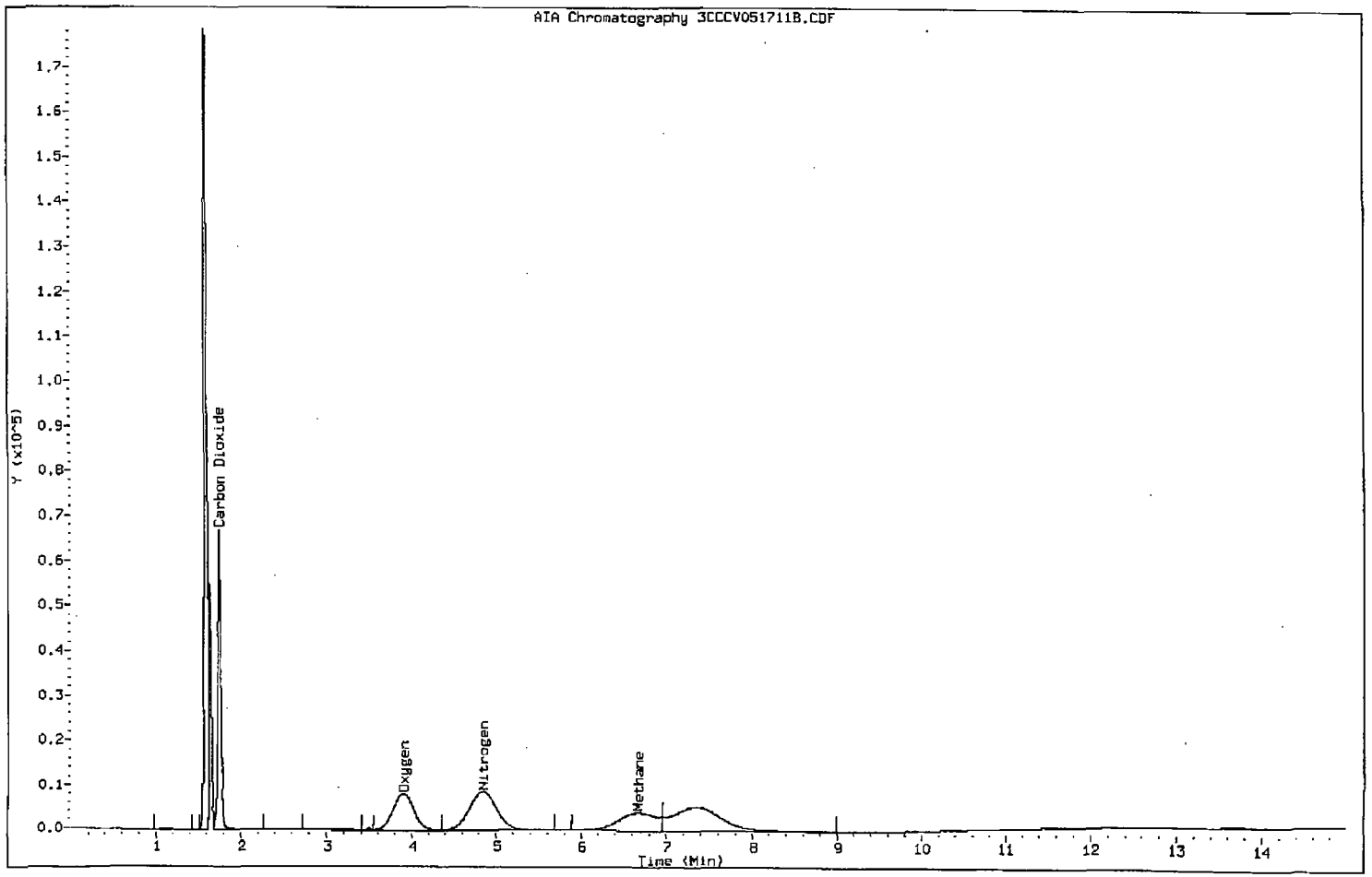
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	666.29	701.13	710.21	692.54	3.35

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	3CCCV051711A.d	Date:	17-MAY-2011 07:55
Client ID:	3CCCV051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCV051711,1		
Lab Sample ID:	3CCCV051711		



Data File:	3CCCV051711B.d	Date:	17-MAY-2011 08:11
Client ID:	3CCCV051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCV051711,1		
Lab Sample ID:	3CCCV051711		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab Sample ID: CCVC 200-18120/8 Calibration Date: 05/18/2011 07:01

Instrument ID: 0001.i Calib Start Date: 06/11/2010 10:11

GC Column: CTR-1 ID: 3.18(mm) Calib End Date: 06/11/2010 17:38

Lab File ID: 3CCCVC051711A.d-avg Conc. Units: % v/v Heated Purge: (Y/N) N

EPA Sample No.: 3CCCVC051711

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon dioxide	Ave	344640	349994		5.08	5.00	1.6	20.0
Oxygen	Ave	372576	344094		3.69	4.00	-7.6	20.0
Nitrogen	Ave	394781	375776		4.76	5.00	-4.8	20.0
Methane	Ave	302324	298630		3.95	4.00	-1.2	20.0

TestAmerica Burlington

Data file : /var/chem/0001_3.i/17MAY113C.b/3CCCVC051711B.d
Lab Smp Id: 3CCCVC051711 Client Smp ID: 3CCCVC051711
Inj Date : 18-MAY-2011 07:17
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCVC051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.738	1.739	-0.001	1752093	5.00000	5.1
2 Oxygen	3.903	3.918	-0.015	1383927	4.00000	3.7
3 Nitrogen	4.846	4.901	-0.055	1889852	5.00000	4.8
4 Methane	6.690	6.778	-0.088	1197116	4.00000	4.0

Processing 3C data for files:
v:\3cccvc051711a.txt
v:\3cccvc051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1747851	1752093	1749972	0.24
Oxygen	1368822	1383927	1376374.5	1.1
Nitrogen	1867911	1889852	1878881.5	1.17
Methane	1191924	1197116	1194520	0.43

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.07	5.08	5.08	0.24
Oxygen	3.67	3.71	3.69	1.1
Nitrogen	4.73	4.79	4.76	1.17
Methane	3.94	3.96	3.95	0.43

Processing 25C data for files:
w:\25cccvc051711a.txt
w:\25cccvc051711b.txt
w:\25cccvc051711c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	7654321	7862957	8073874	7863717.33	2.67

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	687.78	706.52	725.48	706.59	2.67

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

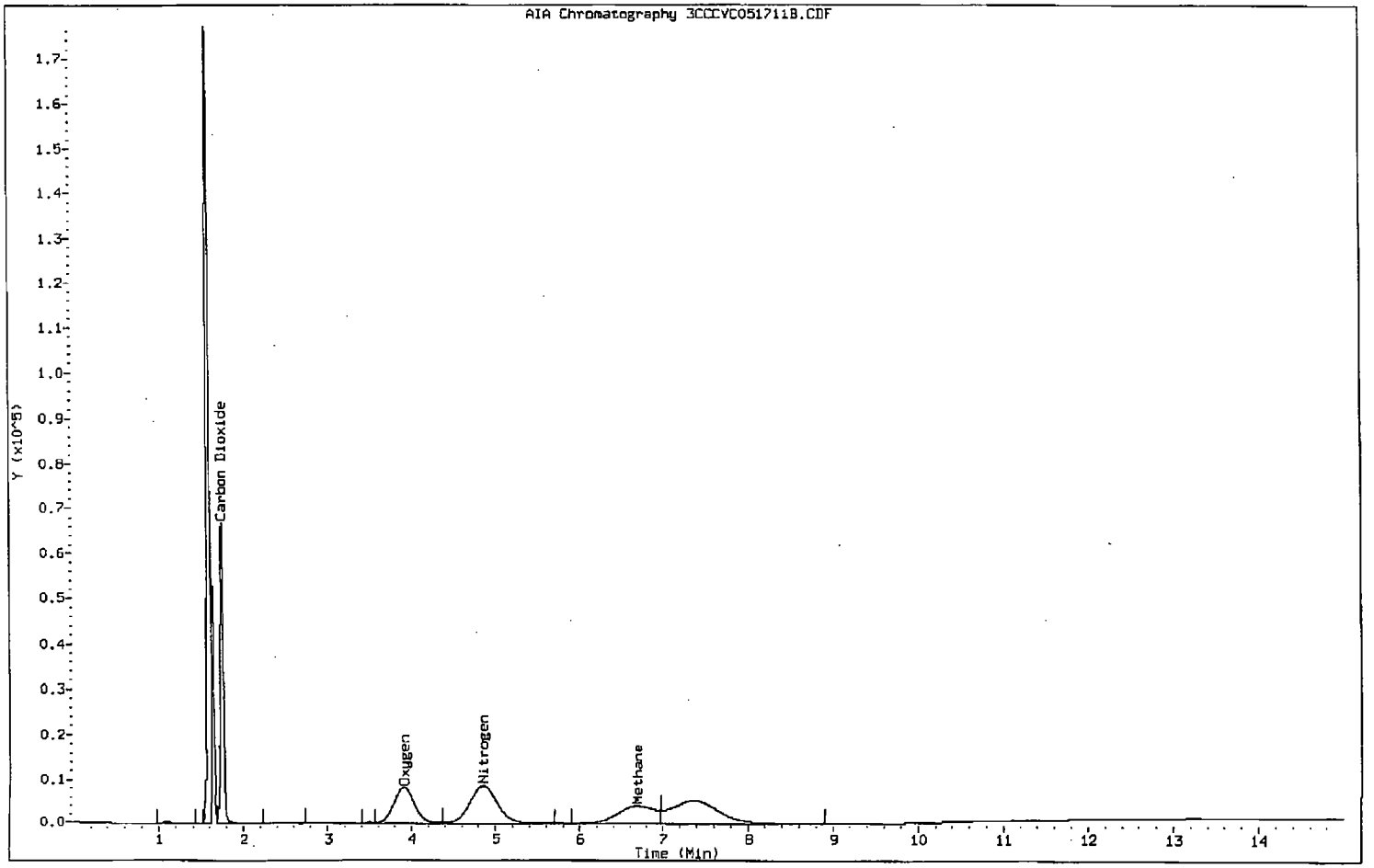
Data file : /var/chem/0001_3.i/17MAY113C.b/3CCCVC051711A.d
Lab Smp Id: 3CCCVC051711 Client Smp ID: 3CCCVC051711
Inj Date : 18-MAY-2011 07:01
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCVC051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

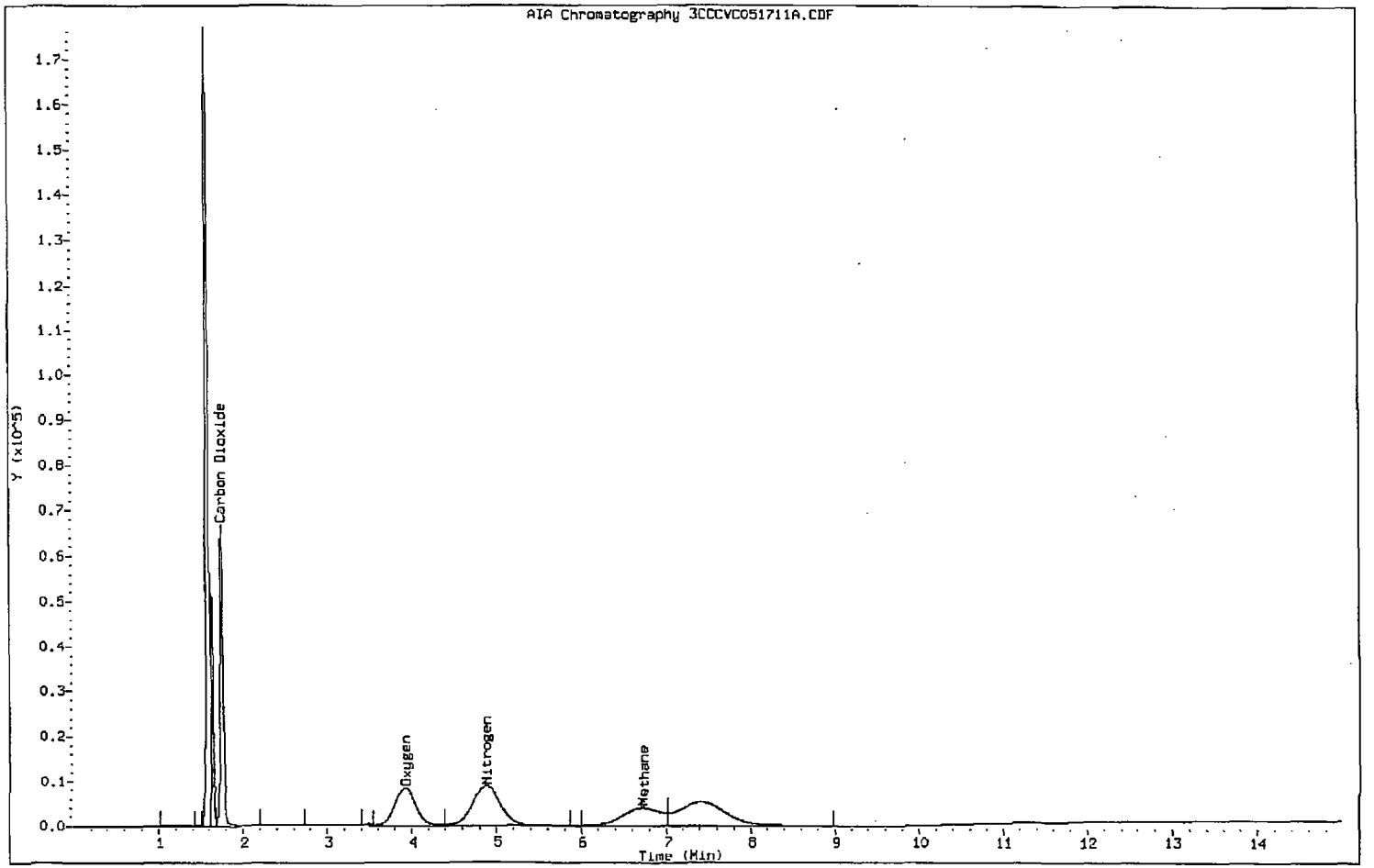
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.741	1.739	0.002	1747851	5.00000	5.1
2 Oxygen	3.914	3.918	-0.004	1368822	4.00000	3.7
3 Nitrogen	4.872	4.901	-0.029	1867911	5.00000	4.7
4 Methane	6.720	6.778	-0.058	1191924	4.00000	3.9

Data File:	3CCCVC051711B.d	Date:	18-MAY-2011 07:17
Client ID:	3CCCVC051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCVC051711,1		
Lab Sample ID:	3CCCVC051711		



Data File:	3CCCVC051711A.d	Date:	18-MAY-2011 07:01
Client ID:	3CCCVC051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCVC051711,1		
Lab Sample ID:	3CCCVC051711		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-18120/3

Matrix: Air Lab File ID: MB051711A.d-avg

Analysis Method: EPA 3C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 11:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ID:

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18120 Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	0.050	U	0.050	0.050
74-82-8	Methane	0.040	U	0.040	0.040
7727-37-9	Nitrogen	0.50	U	0.50	0.50
7782-44-7	Oxygen	0.040	U	0.040	0.040

TestAmerica Burlington

Data file : /var/chem/0001_3.i/17MAY113C.b/MB051711A.d
Lab Smp Id: MB051711 Client Smp ID: MB051711
Inj Date : 17-MAY-2011 11:44
Operator : MRV Inst ID: 0001_3.i
Smp Info : MB051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_3.i/17MAY113C.b/MB051711B.d
Lab Smp Id: MB051711 Client Smp ID: MB051711
Inj Date : 17-MAY-2011 11:59
Operator : MRV Inst ID: 0001_3.i
Smp Info : MB051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					

Processing 3C data for files:
v:\mb051711a.txt
v:\mb051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Processing 25C data for files:
w:\mb051711a.txt
w:\mb051711b.txt
w:\mb051711c.txt

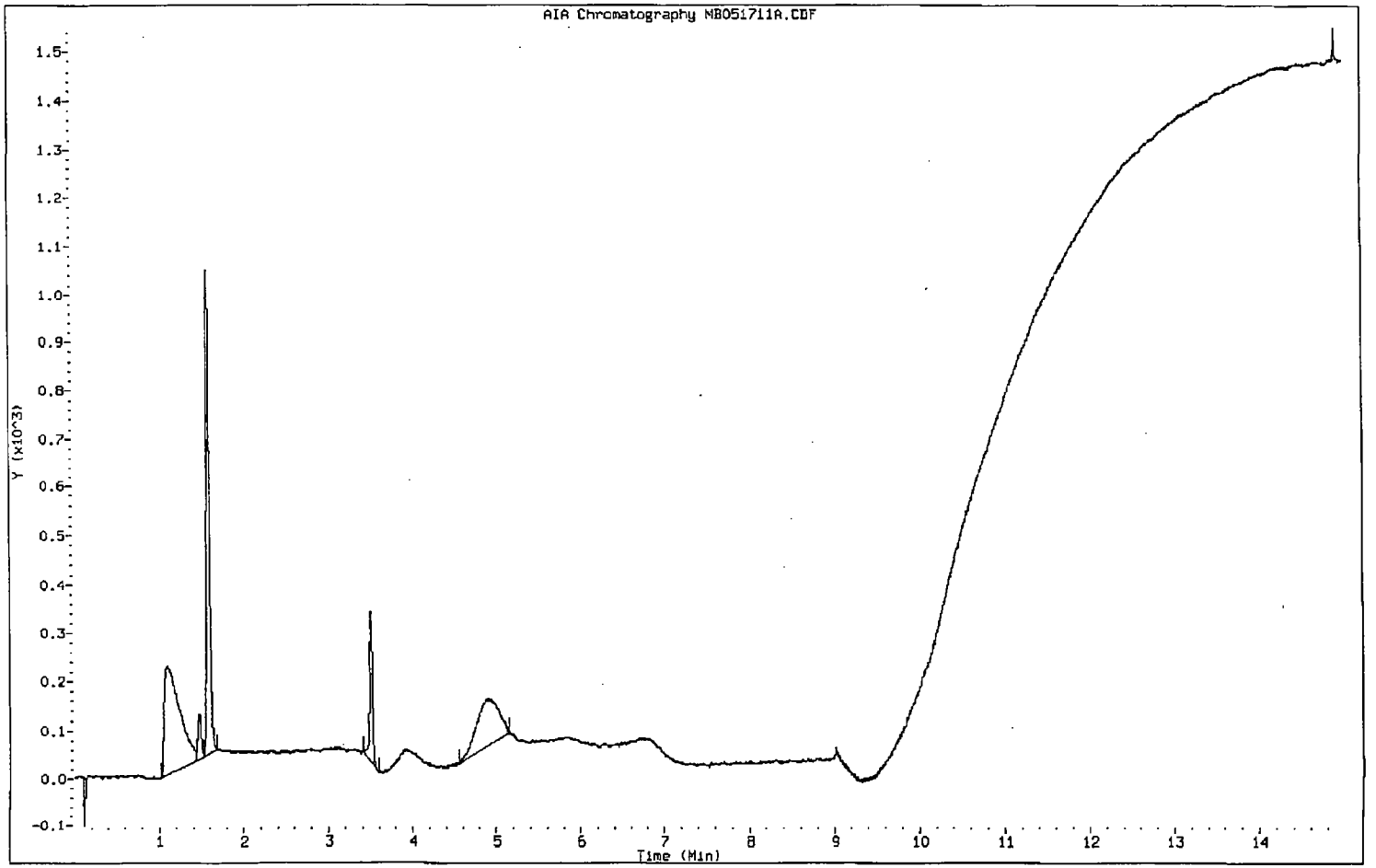
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	0	0	0	0	0

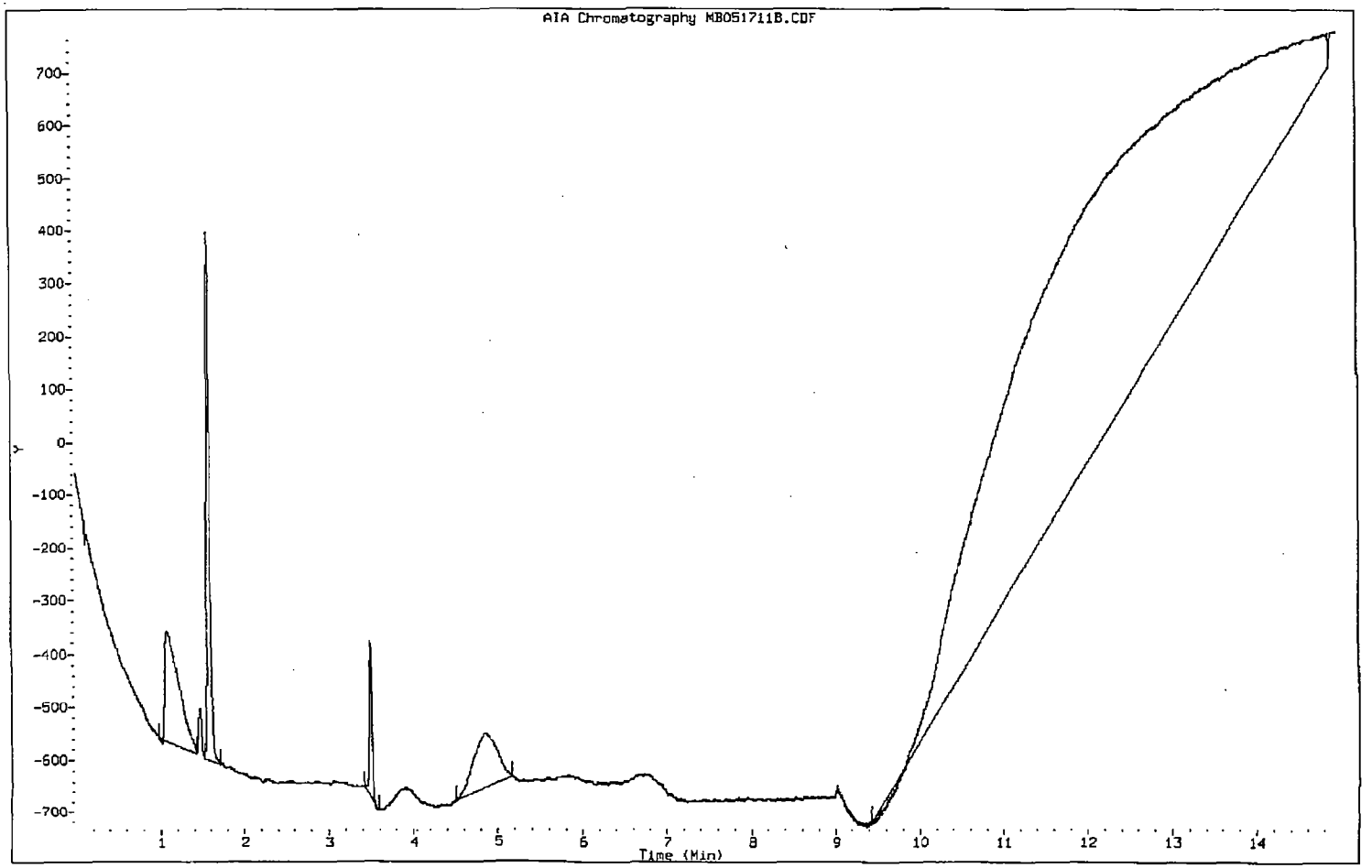
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	0	0	0	0	0

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	MB051711A.d	Date:	17-MAY-2011 11:44
Client ID:	MB051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	MB051711,1		
Lab Sample ID:	MB051711		



Data File:	MB051711B.d	Date:	17-MAY-2011 11:59
Client ID:	MB051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	MB051711,1		
Lab Sample ID:	MB051711		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-18120/2

Matrix: Air Lab File ID: 3CLCS051711A.d-avg

Analysis Method: EPA 3C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 08:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ID:

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18120 Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	5.12		0.050	0.050
74-82-8	Methane	4.00		0.040	0.040
7727-37-9	Nitrogen	4.82		0.50	0.50
7782-44-7	Oxygen	3.73		0.040	0.040

TestAmerica Burlington

Data file : /var/chem/0001_3.i/17MAY113C.b/3CLCS051711A.d
Lab Smp Id: 3CLCS051711 Client Smp ID: 3CLCS051711
Inj Date : 17-MAY-2011 08:39
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CLCS051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.746	1.739	0.007	1775428	5.15155	5.2
2 Oxygen	3.928	3.918	0.010	1394491	3.74284	3.7
3 Nitrogen	4.890	4.901	-0.011	1908754	4.83498	4.8
4 Methane	6.748	6.778	-0.030	1210964	4.00552	4.0

TestAmerica Burlington

Data file : /var/chem/0001_3.i/17MAY113C.b/3CLCS051711B.d
Lab Smp Id: 3CLCS051711 Client Smp ID: 3CLCS051711
Inj Date : 17-MAY-2011 08:55
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CLCS051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/17MAY113C.b/3C_ASTM2t.m
Meth Date : 18-May-2011 08:24 mrv Quant Type: ESTD
Cal Date : 11-JUN-2010 17:38 Cal File: CAL8C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.737	1.739	-0.002	1754656	5.09128	5.1
2 Oxygen	3.899	3.918	-0.019	1386303	3.72086	3.7
3 Nitrogen	4.842	4.901	-0.059	1894921	4.79994	4.8
4 Methane	6.683	6.778	-0.095	1204943	3.98560	4.0

Processing 3C data for files:
v:\3clcs051711a.txt
v:\3clcs051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1775428	1754656	1765042	1.18
Oxygen	1394491	1386303	1390397	0.59
Nitrogen	1908754	1894921	1901837.5	0.73
Methane	1210964	1204943	1207953.5	0.5

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.15	5.09	5.12	1.18
Oxygen	3.74	3.72	3.73	0.59
Nitrogen	4.83	4.8	4.82	0.73
Methane	4.01	3.99	4	0.5

Processing 25C data for files:
w:\25clcs051711a.txt
w:\25clcs051711b.txt
w:\25clcs051711c.txt

Raw Results - NMOC

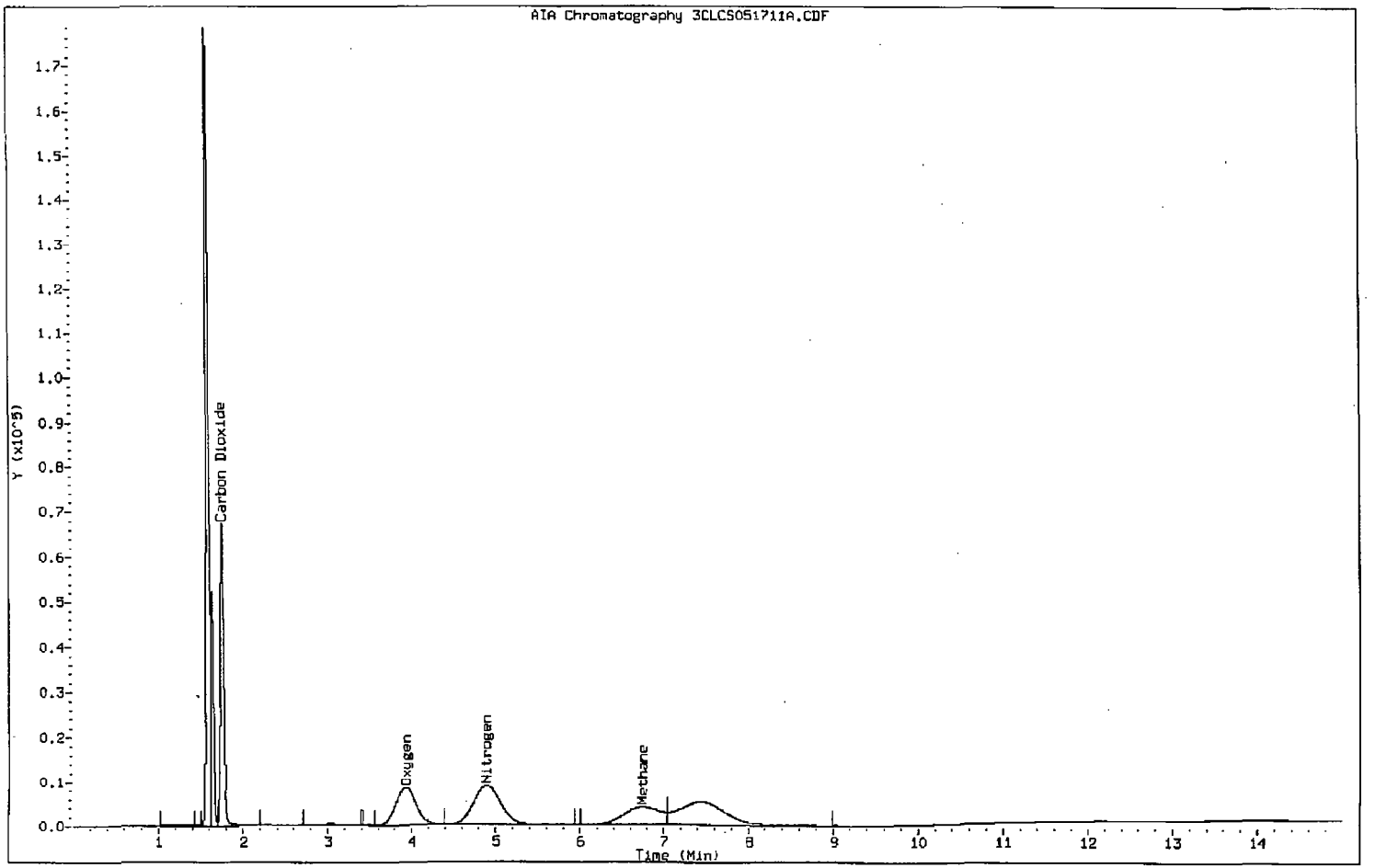
Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	7756320	7941359	8215358	7971012.33	2.9

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	696.94	713.57	738.19	716.23	2.9

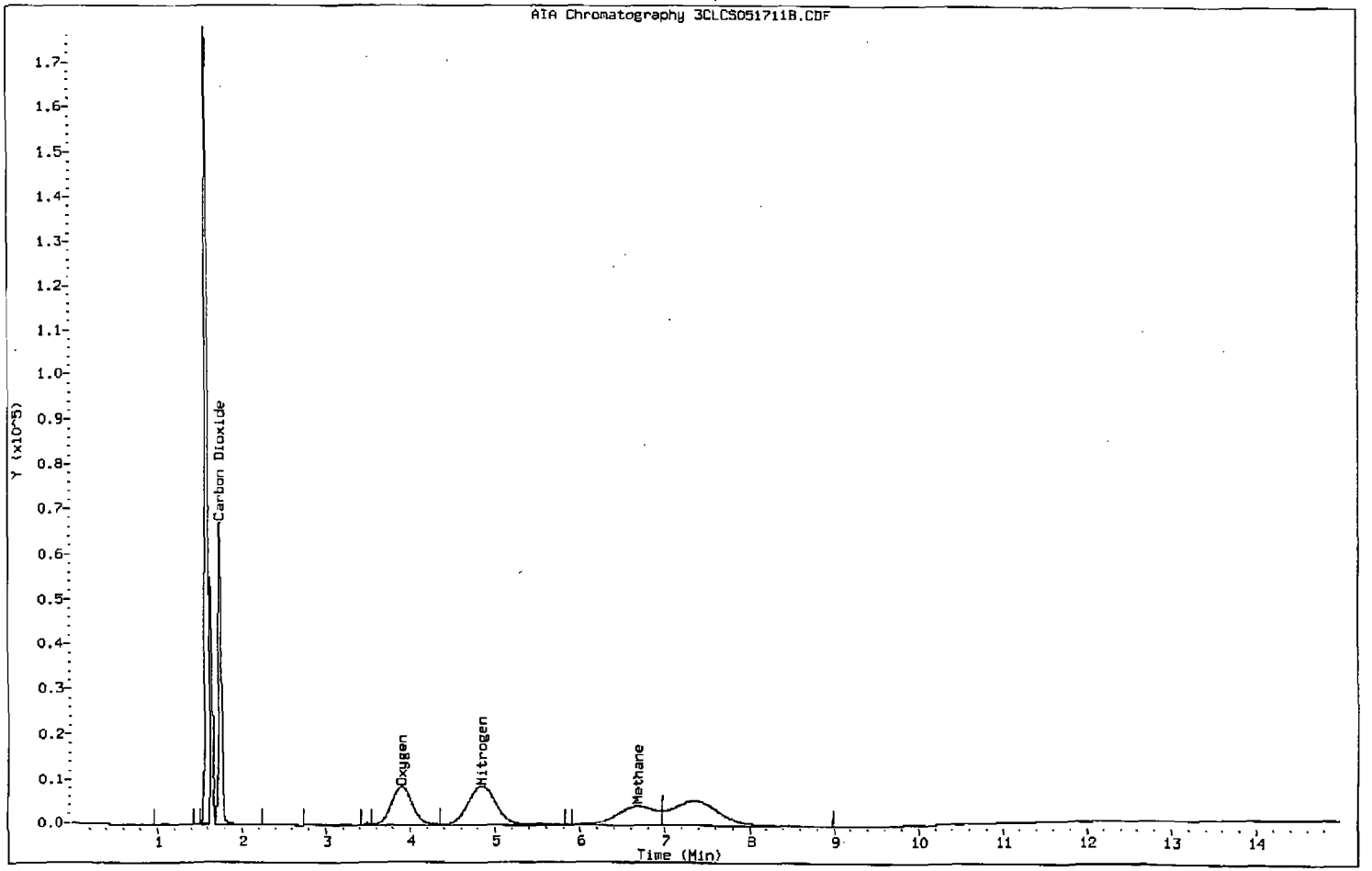
NMOC Correction

NMOC correction not requested, NMOC correction not applied

Data File:	3CLCS051711A.d	Date:	17-MAY-2011 08:39
Client ID:	3CLCS051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CLCS051711,1		
Lab Sample ID:	3CLCS051711		



Data File:	3CLCS051711B.d	Date:	17-MAY-2011 08:55
Client ID:	3CLCS051711	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CLCS051711,1		
Lab Sample ID:	3CLCS051711		



AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC							Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN10 3C	11JUN10 3C	6/11/10	1011	6/12/10	1011	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial		Paul Daigle		
Signature		Paul D	PAD	

Injection Time	LAB ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability	
0955	CAL1A	N/A			3	N/A			↑	PAD	.05% FG's	27687
1011	〃 B				〃				✓		〃	〃
1027	CAL2A				4				✓		.5% FG's	27825
1043	〃 B				〃				✓		〃	〃
1058	CAL3A				5				✓		2.5% FG's	27826
1114	〃 B				〃				✓		〃	〃
1136	CAL1C				3				✓		.05% FG's	27687
1238	CAL4A				6				✓		5% FG's	21633
1254	〃 B				〃				✓		〃	〃
1400	CAL5A				7				✓		Zero Air	19640
1416	〃 B				〃				✓		〃	〃
1438	CAL6A				8				✓		100% CO_2	27827
1454	〃 B				〃				✓		〃	〃
1528	CAL7A				9				✓		100% N_2	14518
1544	〃 B				〃				✓		〃	〃
1633	CAL8A				10				↓		100% CH_4	27832
1649	〃 B				〃				✓		〃	〃
1738	〃 C				〃				✓		〃	〃
1803	ICVA				11				✓			21632
1819	〃 B				〃	〃			✓	〃		〃

PAD 6/14/10

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑= High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	17MAY11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/60	2 mL
Instrument: Varian 3800	R	3C	1134N103C	17MAY113C	05/17/11	0755	5/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability
0755	3CCCV051711A	NA			2	NA			✓	MN	118008
0811	B								✓		
0839	3CLCS051711A								✓		118024
0855	B								✓		
0928	25CCCV051711 A				4			↓			138491
0944	B							✓			
1000	C							✓			
1017	D							✓			
1049	25CLCS051711	A			5			✓			138505
1105		B						✓			
1121		C						✓			
1147	MB051711 A				6			✓	✓		
1203	B							✓	✓		
1215	C							✓	—		
1243	2W-5078-A-1 A	EXT-1		5142	4	1.63			—		Use B,C for 3C
1259	B								✓		
1315	C								✓		
1331	2W-5182-A A	VLF#5		5025	5	1.66			✓		Use A,B for 3C
1347	B								✓		
1402	C								—		
1418	A-2A	VLF#6		4786	6	1.73			—		Use B,C for 3C
1434	B								✓		
1450	C								✓		
1506	A-3A	VLF#7		4348	7	1.72			✓		Use A,B for 3C
1522	B								✓		
1538	C								—		
0701	3CCCV051711A	NA			2	NA					118008
0717	B										

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN03L	17MAY11 3L	05/17/11	0755	05/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0745	25CCCVC051711A	M		-	5	MA		✓		MW	138491
0810	⊥ B				⊥			✓			⊥
0816	⊥ C				⊥			✓			⊥

MW
5/18/11

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

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AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Instrument ID: 0001.i Start Date: 06/11/2010 10:11

Analysis Batch Number: 5755 End Date: 06/11/2010 18:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 200-5755/1		06/11/2010 10:11	1	CAL1B.d	CTR-1 3.175(mm)
IC 200-5755/3		06/11/2010 10:27	1	CAL2A.d	CTR-1 3.175(mm)
IC 200-5755/4		06/11/2010 10:43	1	CAL2B.d	CTR-1 3.175(mm)
IC 200-5755/5		06/11/2010 10:58	1	CAL3A.d	CTR-1 3.175(mm)
IC 200-5755/6		06/11/2010 11:14	1	CAL3B.d	CTR-1 3.175(mm)
IC 200-5755/2		06/11/2010 11:36	1	CAL1C.d	CTR-1 3.175(mm)
ICRT 200-5755/7		06/11/2010 12:38	1	CAL4A.d	CTR-1 3.175(mm)
ICRT 200-5755/8		06/11/2010 12:54	1	CAL4B.d	CTR-1 3.175(mm)
IC 200-5755/9		06/11/2010 14:00	1	CAL5A.d	CTR-1 3.175(mm)
IC 200-5755/10		06/11/2010 14:16	1	CAL5B.d	CTR-1 3.175(mm)
IC 200-5755/11		06/11/2010 14:38	1	CAL6A.d	CTR-1 3.175(mm)
IC 200-5755/12		06/11/2010 14:54	1	CAL6B.d	CTR-1 3.175(mm)
IC 200-5755/13		06/11/2010 15:28	1	CAL7A.d	CTR-1 3.175(mm)
IC 200-5755/14		06/11/2010 15:44	1	CAL7B.d	CTR-1 3.175(mm)
IC 200-5755/15		06/11/2010 16:49	1	CAL8B.d	CTR-1 3.175(mm)
IC 200-5755/16		06/11/2010 17:38	1	CAL8C.d	CTR-1 3.175(mm)
ICV 200-5755/17		06/11/2010 18:03	1	ICVA.d-avg	CTR-1 3.175(mm)

AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Instrument ID: 0001.i Start Date: 05/17/2011 07:55

Analysis Batch Number: 18120 End Date: 05/18/2011 07:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 200-18120/1		05/17/2011 07:55	1	3CCCV051711A.d-avg	CTR-1 3.175(mm)
LCS 200-18120/2		05/17/2011 08:39	1	3CLCS051711A.d-avg	CTR-1 3.175(mm)
MB 200-18120/3		05/17/2011 11:44	1	MB051711A.d-avg	CTR-1 3.175(mm)
ZZZZZ		05/17/2011 12:59	1.63		CTR-1 3.175(mm)
200-5182-1	VLF # 5	05/17/2011 13:31	1.66	200-5182-A-1A.d-avg	CTR-1 3.175(mm)
200-5182-2	VLF # 6	05/17/2011 14:34	1.73	200-5182-A-2B.d-avg	CTR-1 3.175(mm)
200-5182-3	VLF # 7	05/17/2011 15:06	1.72	200-5182-A-3A.d-avg	CTR-1 3.175(mm)
CCVC 200-18120/8		05/18/2011 07:01	1	3CCCVC051711A.d-avg	CTR-1 3.175(mm)

Summa Canister Dilution Worksheet

Client: SCS Engineers

TestAmerica Job ID: 200-5182-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-5182-1	6	-5.7	0.81	4.86	5.0	1.34	8.04	1.66	1.66	05/17/11 10:21	Veilleux, Michael R
200-5182-2	6	-6.4	0.79	4.72	5.3	1.36	8.16	1.73	1.73	05/17/11 10:22	Veilleux, Michael R
200-5182-3	6	-6.4	0.79	4.72	5.2	1.35	8.12	1.72	1.72	05/17/11 10:22	Veilleux, Michael R

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)
Vol = Volume of SUMMA canister at atmospheric pressure

Method EPA 25C Mod

Nonmethane Organic Compounds (NMOC) by Method EPA_25C_Mod

FORM III
AIR - GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 25CLCS051711A.d-avg

Lab ID: LCS 200-18119/2 Client ID:

COMPOUND	SPIKE ADDED (ppm-C)	LCS CONCENTRATION (ppm-C)	LCS % REC	QC LIMITS REC	#
NMOC as Carbon	750	716	95	70-130	

Column to be used to flag recovery and RPD values

FORM III EPA 25C

FORM IV
AIR - GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab File ID: MB051711A.d-avg Lab Sample ID: MB 200-18119/3

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: 0001.i Date Analyzed: 05/17/2011 11:44

GC Column: Carbo/Unibeads ID: 2(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-18119/2	25CLCS05171 1A.d-avg	05/17/2011 10:49
VLF # 5	200-5182-1	200-5182-A-1A.d-avg	05/17/2011 13:31
VLF # 6	200-5182-2	200-5182-A-2A.d-avg	05/17/2011 14:18
VLF # 7	200-5182-3	200-5182-A-3A.d-avg	05/17/2011 15:06

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: VLF # 5 Lab Sample ID: 200-5182-1

Matrix: Air Lab File ID: 200-5182-A-1A.d-avg

Analysis Method: EPA 25C Date Collected: 05/12/2011 11:03

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 13:31

Soil Aliquot Vol: Dilution Factor: 1.66

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18119 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	1000		10	10

TestAmerica Burlington

Lab Sample Id: 200-5182-1
Client Smp ID: VLF # 5
Inj Date : 17-MAY-2011 13:31
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-1,1.66
Misc Info : 200-5182-A-1
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.66000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.340	10.262	0.078	2022011	181.687	300(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-5182-1
Client Smp ID: VLF # 5
Inj Date : 17-MAY-2011 13:47
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-1,1.66
Misc Info : 200-5182-A-1
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.66000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.387	10.262	0.125	2001223	179.819	300(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-5182-1
Client Smp ID: VLF # 5
Inj Date : 17-MAY-2011 14:02
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-1,1.66
Misc Info : 200-5182-A-1
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.66000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.362	10.262	0.100	2037371	183.067	300(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\200-5182-a-1a.txt
v:\200-5182-a-1b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	4300944	4272242	4286593	0.67
Oxygen	674613	665909	670261	1.3
Nitrogen	12681135	12573647	12627391	0.85
Methane	3937428	3909406	3923417	0.71

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	12.48	12.4	12.44	0.67
Oxygen	1.81	1.79	1.8	1.3
Nitrogen	32.12	31.85	31.99	0.85
Methane	13.02	12.93	12.98	0.71

Processing 25C data for files:
w:\200-5182-a-1a.txt
w:\200-5182-a-1b.txt
w:\200-5182-a-1c.txt

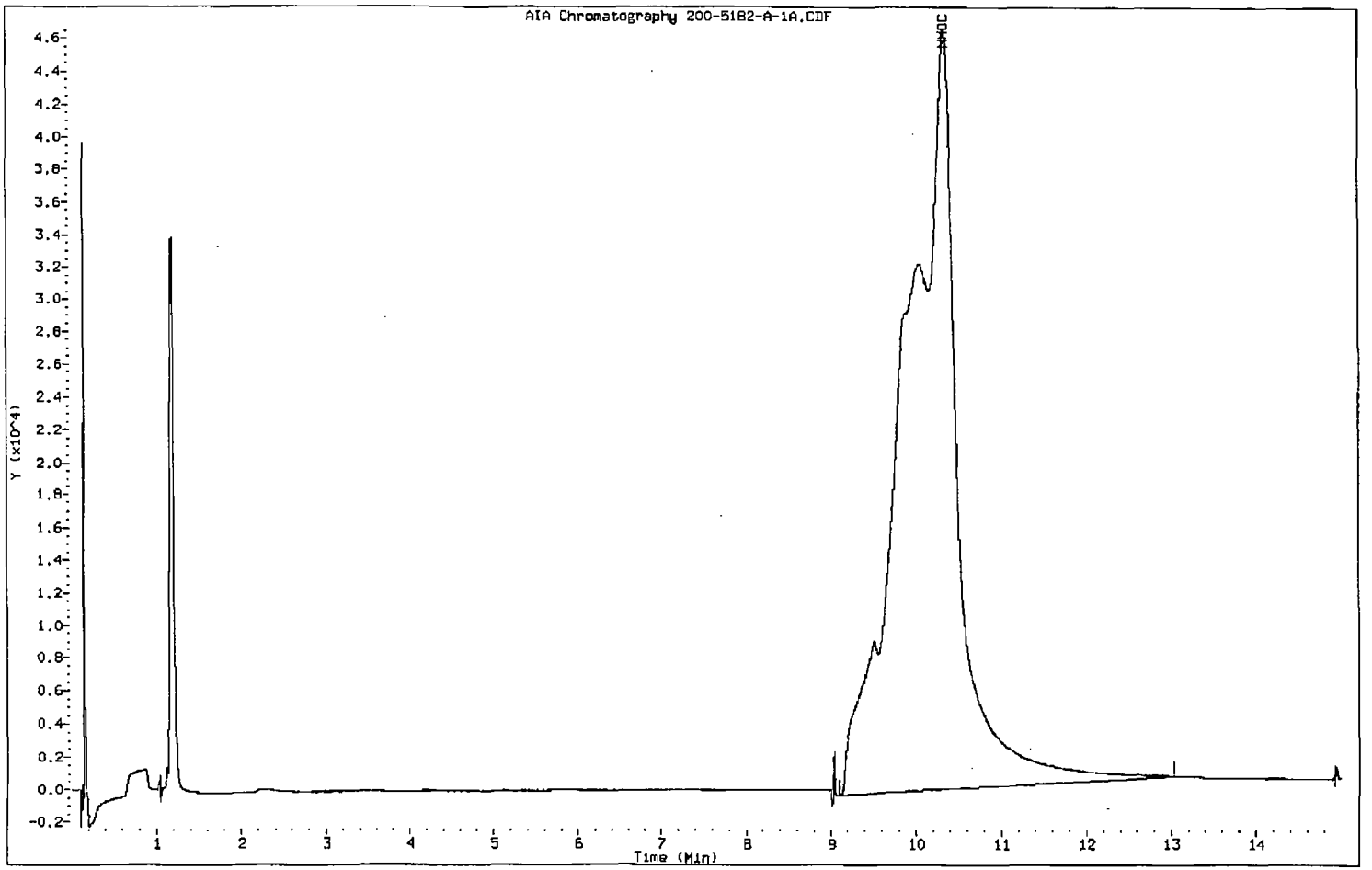
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	2022011	2001223	2037371	2020201.67	0.9

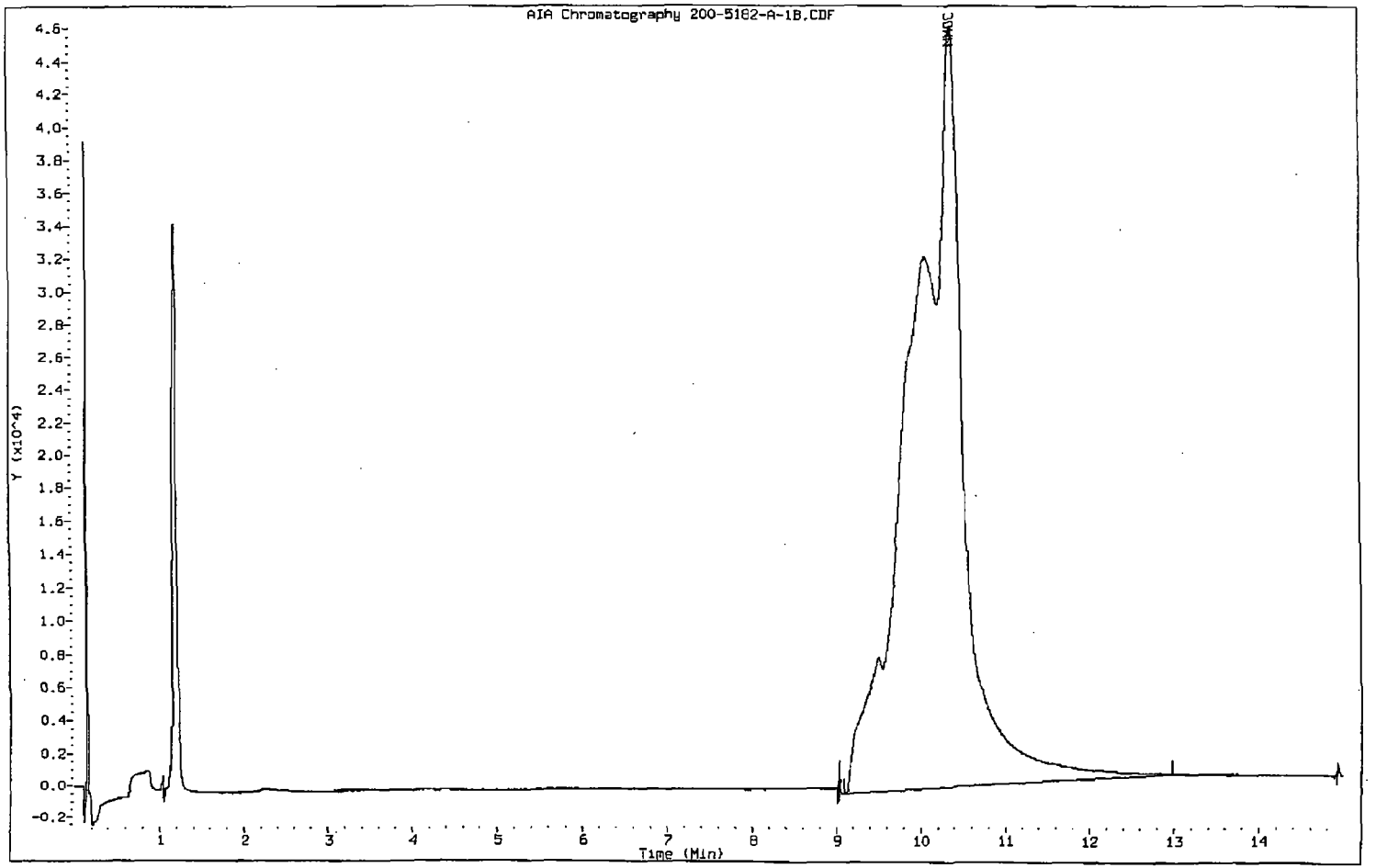
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	181.69	179.82	183.07	181.52	0.9

---------- NMOC Correction----------
Found Raw N2 Result = 31.99 % and NMOC = 181.52 ppm-C
N2 dilution factor = 1.66
N2 Result = Raw N2 * Dil. Fac.53.1034 %
Found Raw NMOC Result = 181.52 ppm-C
NMOC dilution factor = 1.66
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 627.38 ppm-C
Corrected NMOC result * Dil. Fac.= 1041.4508 ppm-C

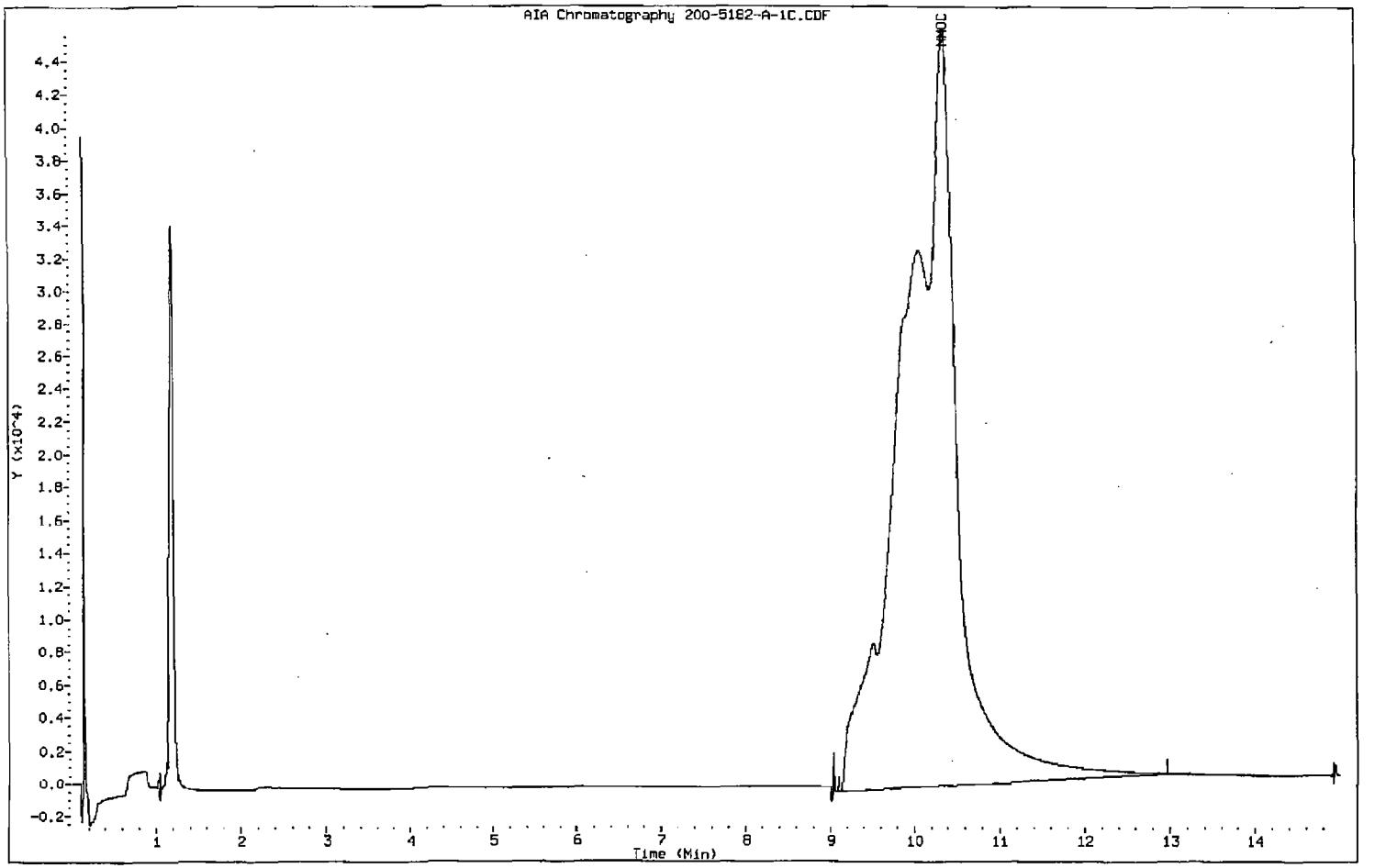
Data File:	200-5182-A-1A.d	Date:	17-MAY-2011 13:31
Client ID:	VLF # 5	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-1,1.66		
Lab Sample ID:	200-5182-1		



Data File:	200-5182-A-1B.d	Date:	17-MAY-2011 13:47
Client ID:	VLF # 5	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-1,1.66		
Lab Sample ID:	200-5182-1		



Data File:	200-5182-A-1C.d	Date:	17-MAY-2011 14:02
Client ID:	VLF # 5	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-1,1.66		
Lab Sample ID:	200-5182-1		



Manual Integration Report

Data File: 200-5182-A-1A.d
Lab Sample ID: 200-5182-1
Inj. Date and Time: 17-MAY-2011 13:31
Instrument ID: 0001_2.i
Client ID: VLF # 5
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

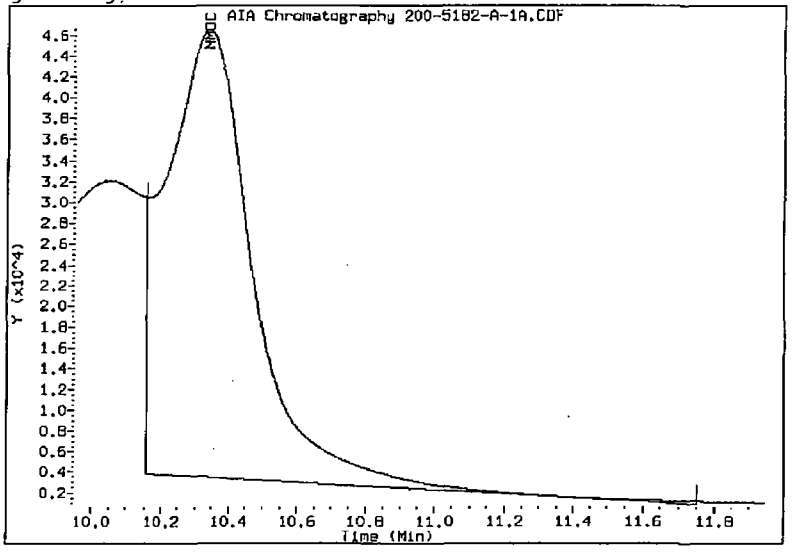
Processing Integration Results

RT: 10.34

Response: 772167

Amount: 69.38

Conc: 69.00



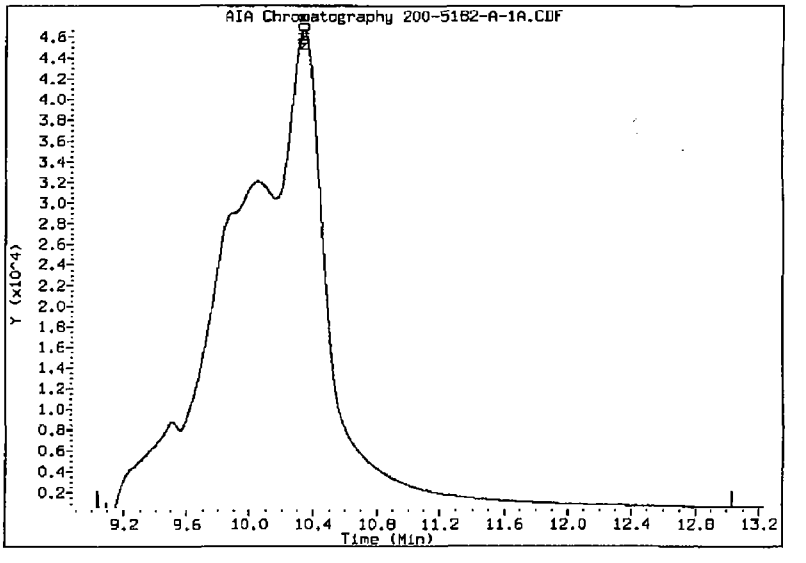
Manual Integration Results

RT: 10.34

Response: 2022011

Amount: 181.69

Conc: 300.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

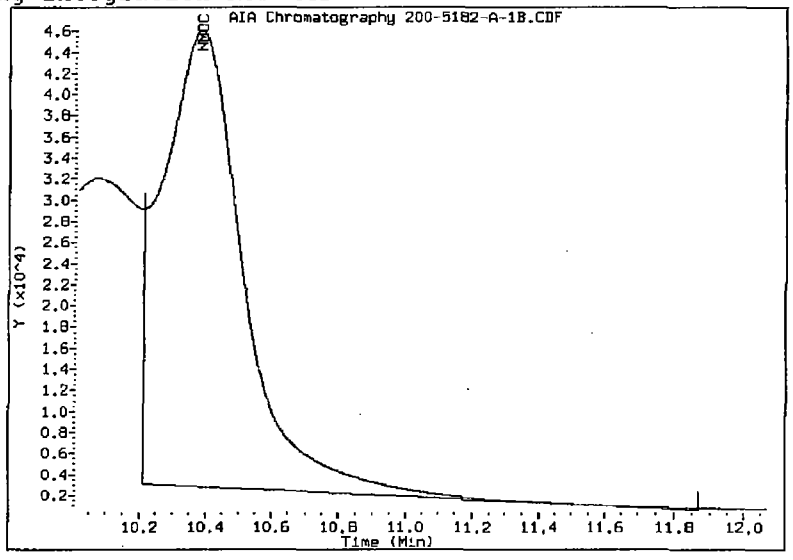
Data File: 200-5182-A-1B.d
Lab Sample ID: 200-5182-1
Inj. Date and Time: 17-MAY-2011 13:47
Instrument ID: 0001_2.i
Client ID: VLF # 5
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

RT: 10.39 Processing Integration Results

Response: 740383

Amount: 66.53

Conc: 67.00



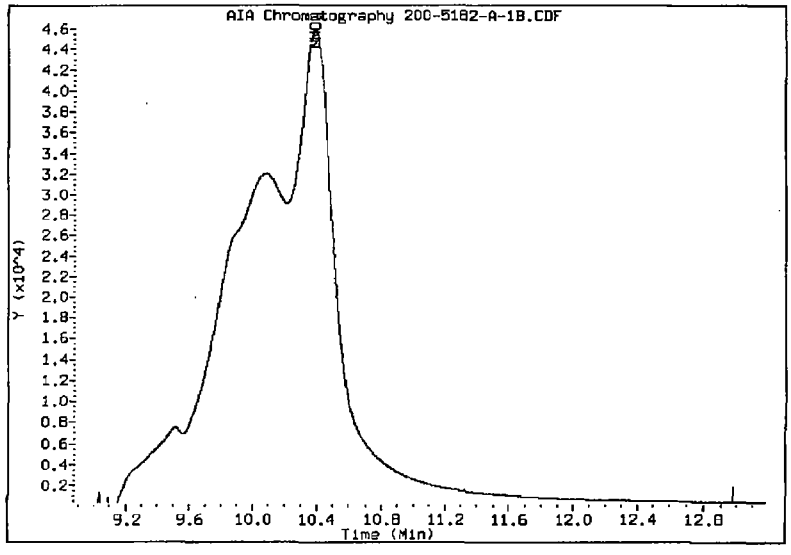
Manual Integration Results

RT: 10.39

Response: 2001223

Amount: 179.82

Conc: 300.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-5182-A-1C.d
Lab Sample ID: 200-5182-1
Inj. Date and Time: 17-MAY-2011 14:02
Instrument ID: 0001_2.i
Client ID: VLF # 5
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

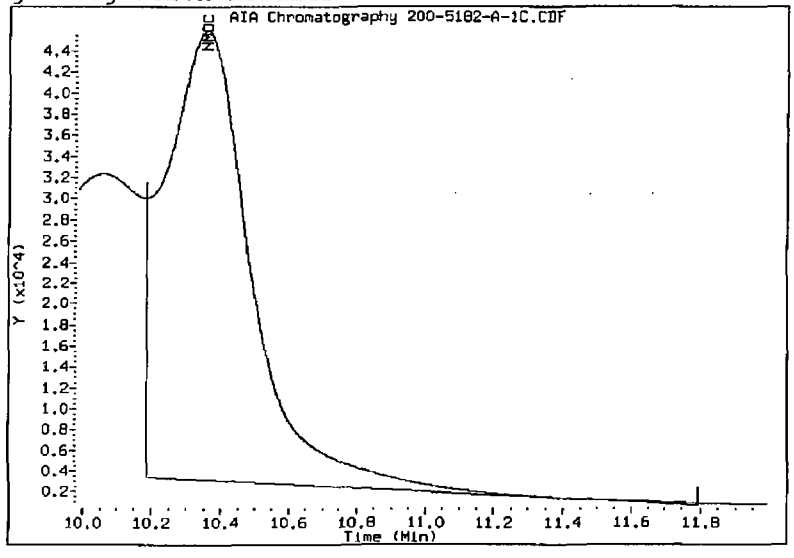
Processing Integration Results

RT: 10.36

Response: 756601

Amount: 67.98

Conc: 68.00



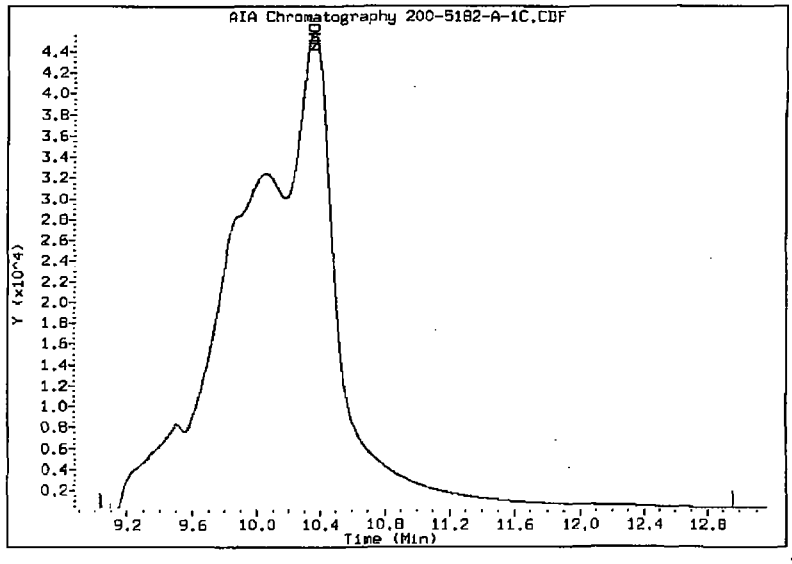
Manual Integration Results

RT: 10.36

Response: 2037371

Amount: 183.07

Conc: 300.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-5182-1

SDG No.:

Client Sample ID: VLF # 6 | Lab Sample ID: 200-5182-2

Matrix: Air | Lab File ID: 200-5182-A-2A.

Analysis Method: EPA 25C | Date Collected: 05/12/2011

Sample wt/vol: 2(mL) | Date Analyzed: 05/17/2011

Soil Aliquot Vol: | Dilution Factor: 1.73

Soil Extract Vol.: | GC Column: Carbo/Unibeads

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 18119 | Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RT
STL00589	NMOC as Carbon	1000		

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: VLF # 6 Lab Sample ID: 200-5182-2

Matrix: Air Lab File ID: 200-5182-A-2A.d-avg

Analysis Method: EPA 25C Date Collected: 05/12/2011 11:31

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 14:18

Soil Aliquot Vol: Dilution Factor: 1.73

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18119 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	1000		10	10

TestAmerica Burlington

Lab Sample Id: 200-5182-2
Client Smp ID: VLF # 6
Inj Date : 17-MAY-2011 14:18
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-2,1.73
Misc Info : 200-5182-A-2
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.357	10.262	0.095	1840652	165.391	290(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-5182-2
Client Smp ID: VLF # 6
Inj Date : 17-MAY-2011 14:34
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-2,1.73
Misc Info : 200-5182-A-2
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.360	10.262	0.098	1831503	164.569	280(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-5182-2
Client Smp ID: VLF # 6
Inj Date : 17-MAY-2011 14:50
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-2,1.73
Misc Info : 200-5182-A-2
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(% v/v)
1 NMOC	10.342	10.262	0.080	1841869	165.500	290(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\200-5182-a-2b.txt
v:\200-5182-a-2c.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	4108105	4126311	4117208	0.44
Oxygen	643958	650882	647420	1.07
Nitrogen	12331168	12381671	12356419.5	0.41
Methane	3736041	3772379	3754210	0.97

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	11.92	11.97	11.95	0.44
Oxygen	1.73	1.75	1.74	1.07
Nitrogen	31.24	31.36	31.3	0.41
Methane	12.36	12.48	12.42	0.97

Processing 25C data for files:
w:\200-5182-a-2a.txt
w:\200-5182-a-2b.txt
w:\200-5182-a-2c.txt

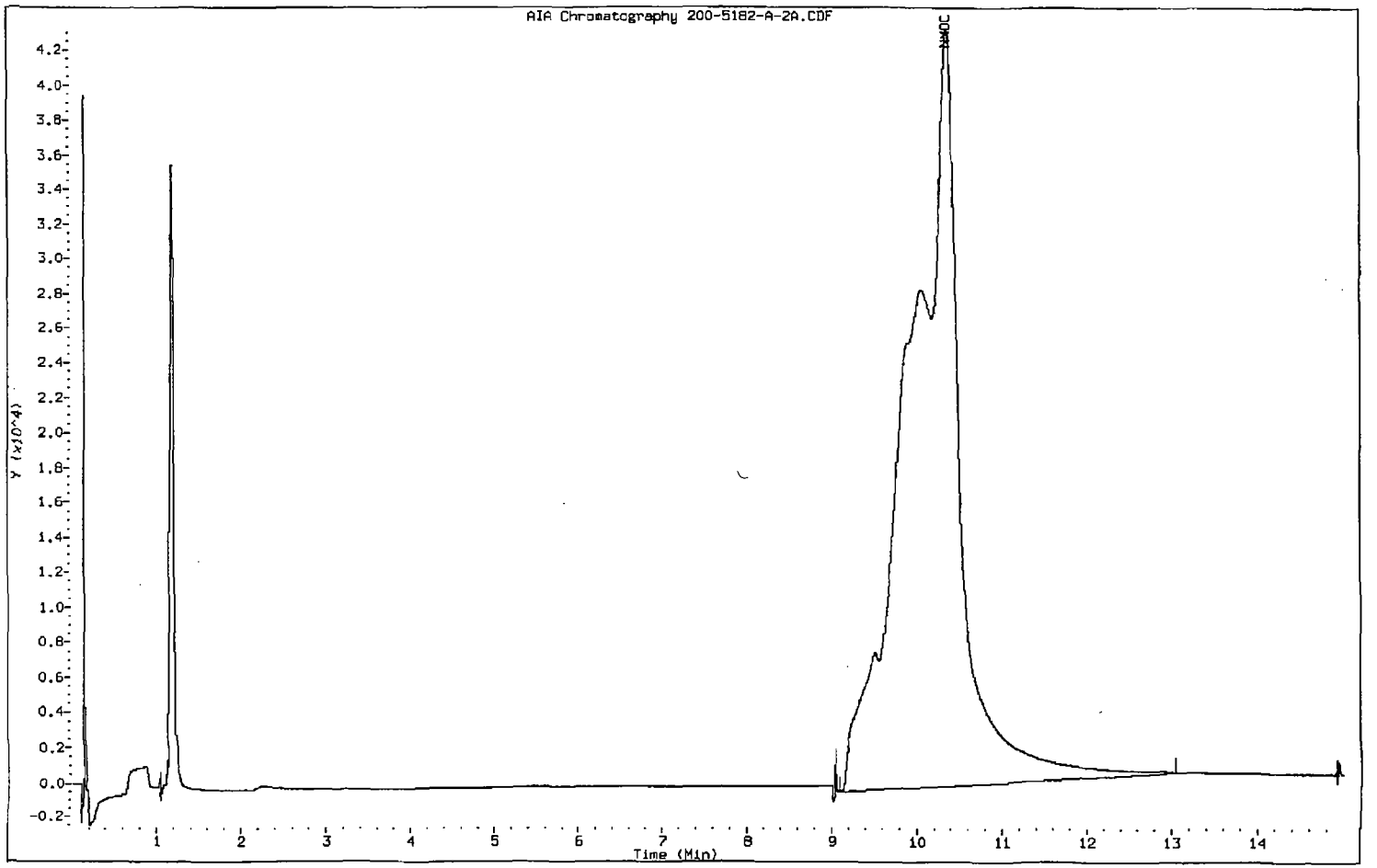
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	1840652	1831503	1841869	1838008	0.31

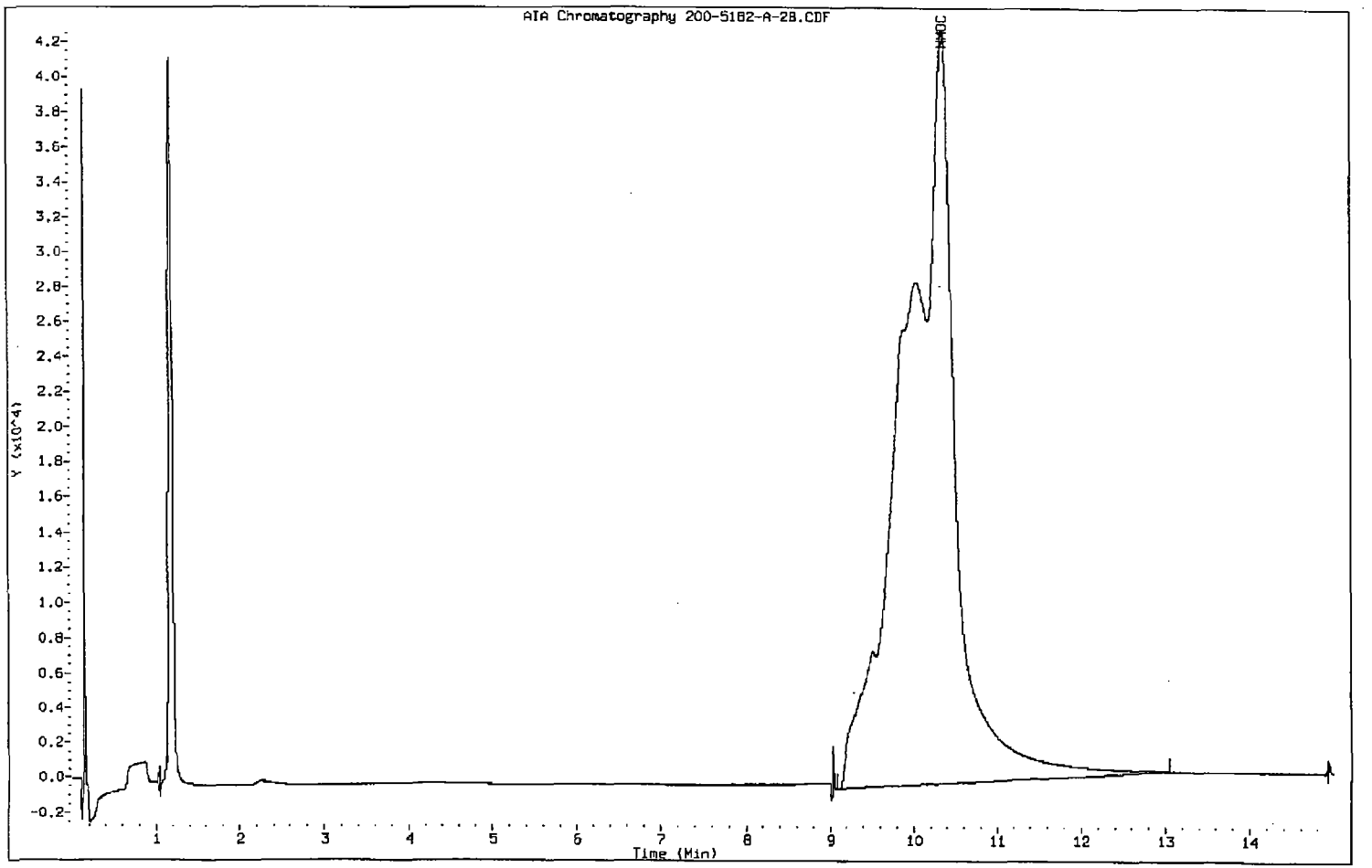
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	165.39	164.57	165.5	165.15	0.31

---------- NMOC Correction----------
Found Raw N2 Result = 31.3 % and NMOC = 165.15 ppm-C
N2 dilution factor = 1.73
N2 Result = Raw N2 * Dil. Fac.54.149 %
Found Raw NMOC Result = 165.15 ppm-C
NMOC dilution factor = 1.73
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 598.4 ppm-C
Corrected NMOC result * Dil. Fac.= 1035.232 ppm-C

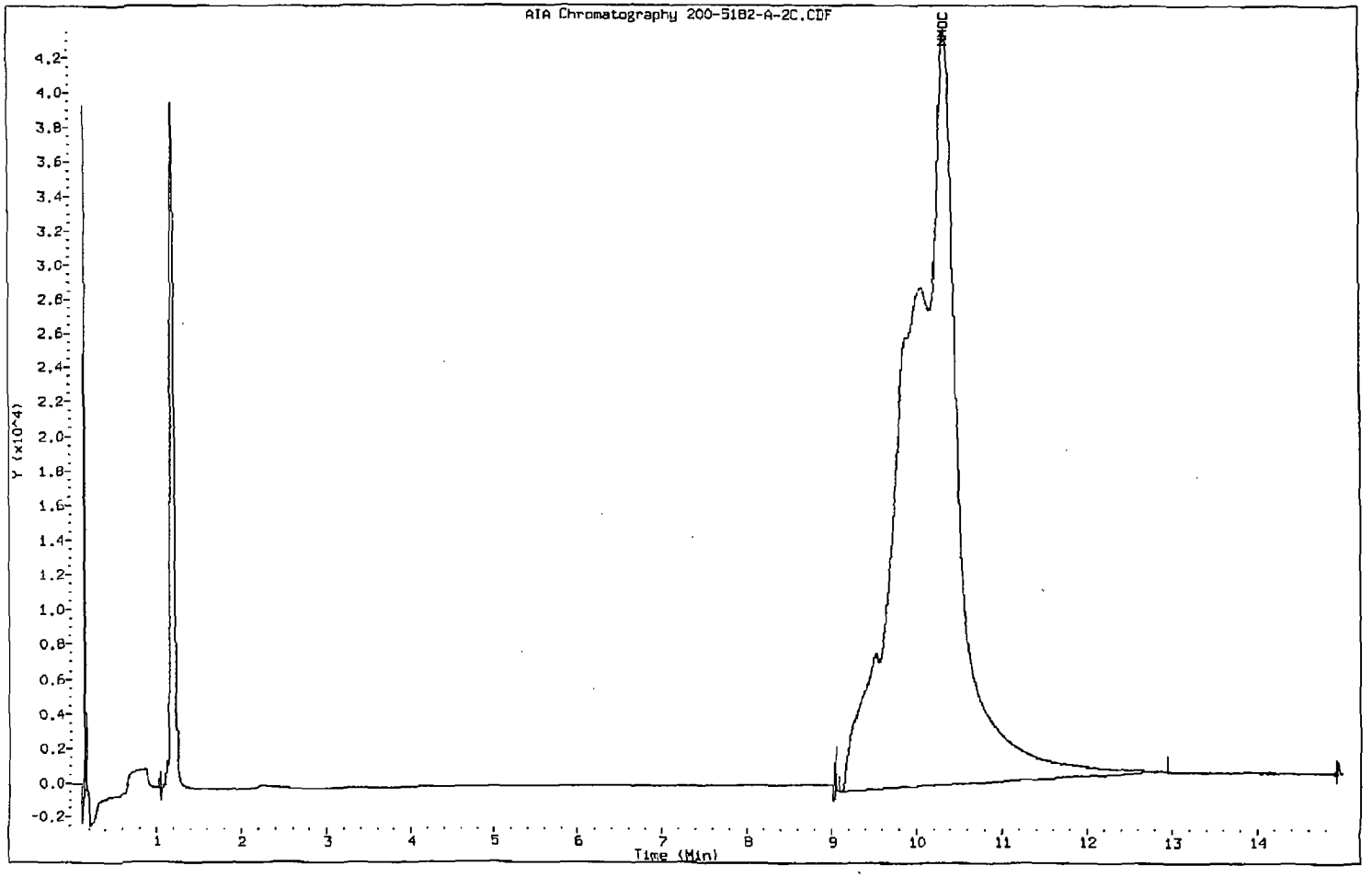
Data File:	200-5182-A-2A.d	Date:	17-MAY-2011 14:18
Client ID:	VLF # 6	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-2,1.73		
Lab Sample ID:	200-5182-2		



Data File:	200-5182-A-2B.d	Date:	17-MAY-2011 14:34
Client ID:	VLF # 6	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-2,1.73		
Lab Sample ID:	200-5182-2		



Data File:	200-5182-A-2C.d	Date:	17-MAY-2011 14:50
Client ID:	VLF # 6	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-2,1.73		
Lab Sample ID:	200-5182-2		



Manual Integration Report

Data File: 200-5182-A-2A.d
Lab Sample ID: 200-5182-2
Inj. Date and Time: 17-MAY-2011 14:18
Instrument ID: 0001_2.i
Client ID: VLF # 6
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

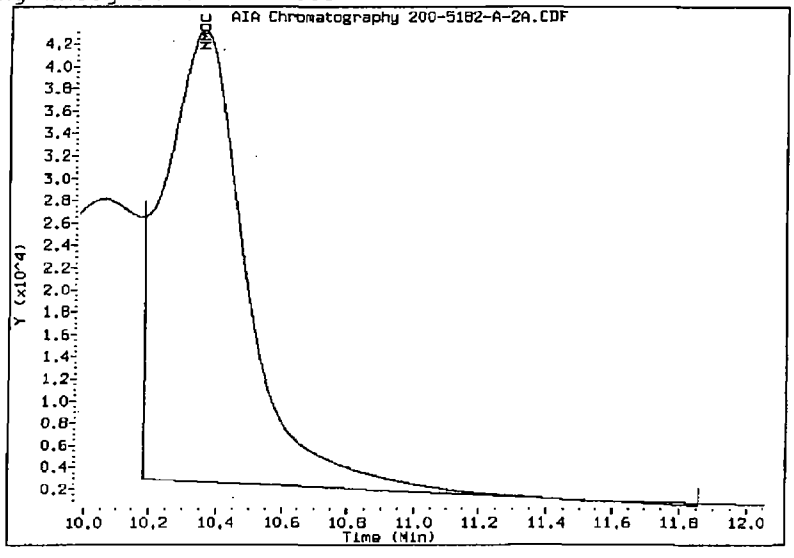
Processing Integration Results

RT: 10.36

Response: 709640

Amount: 63.76

Conc: 64.00



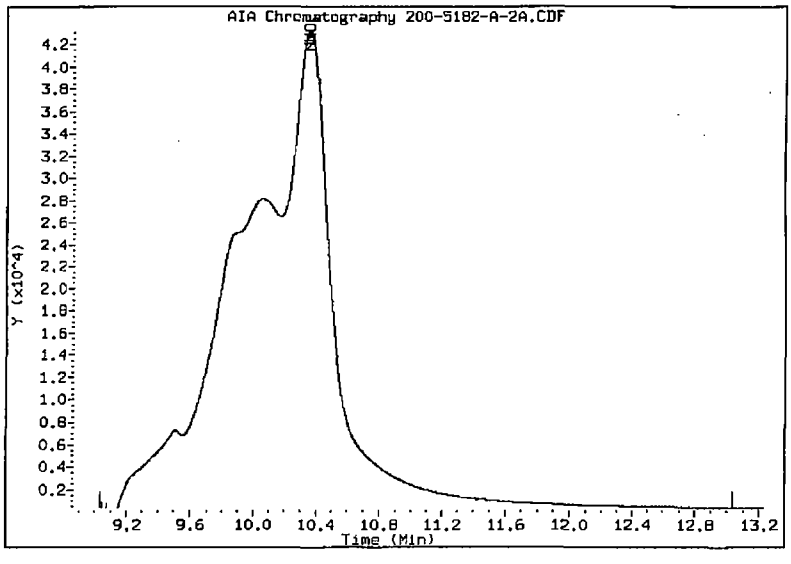
Manual Integration Results

RT: 10.36

Response: 1840652

Amount: 165.39

Conc: 290.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-5182-A-2B.d
Lab Sample ID: 200-5182-2
Inj. Date and Time: 17-MAY-2011 14:34
Instrument ID: 0001_2.i
Client ID: VLF # 6
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

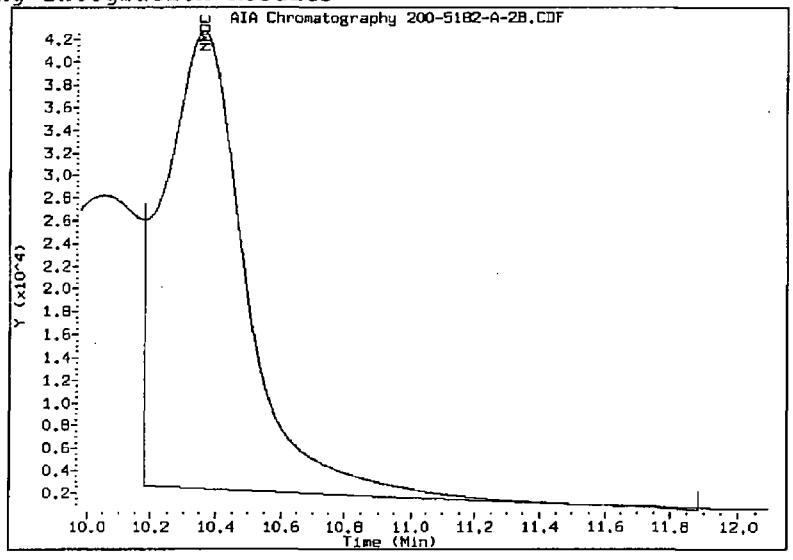
RT: 10.36

Response: 716335

Amount: 64.37

Conc: 64.00

Processing Integration Results



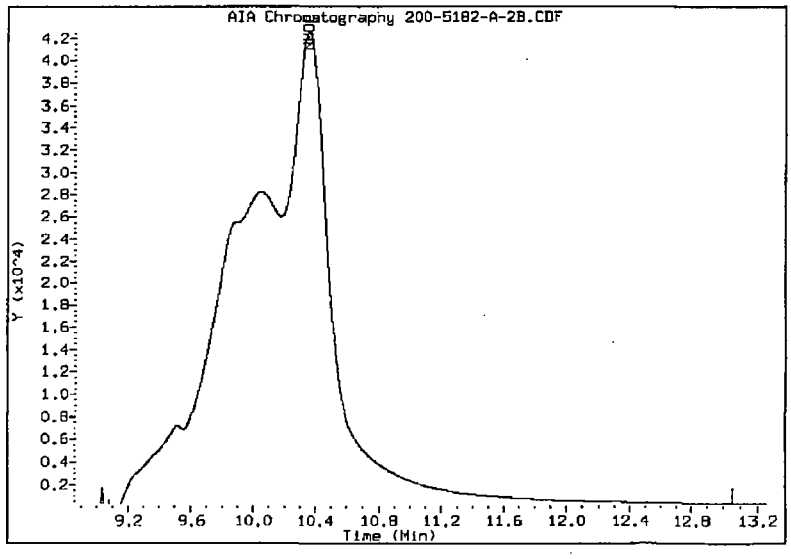
Manual Integration Results

RT: 10.36

Response: 1831503

Amount: 164.57

Conc: 280.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-5182-A-2C.d
Lab Sample ID: 200-5182-2
Inj. Date and Time: 17-MAY-2011 14:50
Instrument ID: 0001_2.i
Client ID: VLF # 6
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

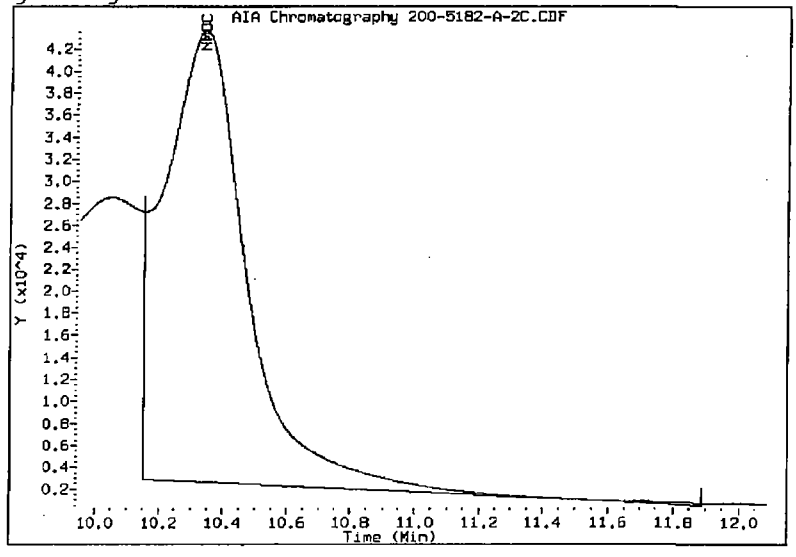
Processing Integration Results

RT: 10.34

Response: 746081

Amount: 67.04

Conc: 67.00



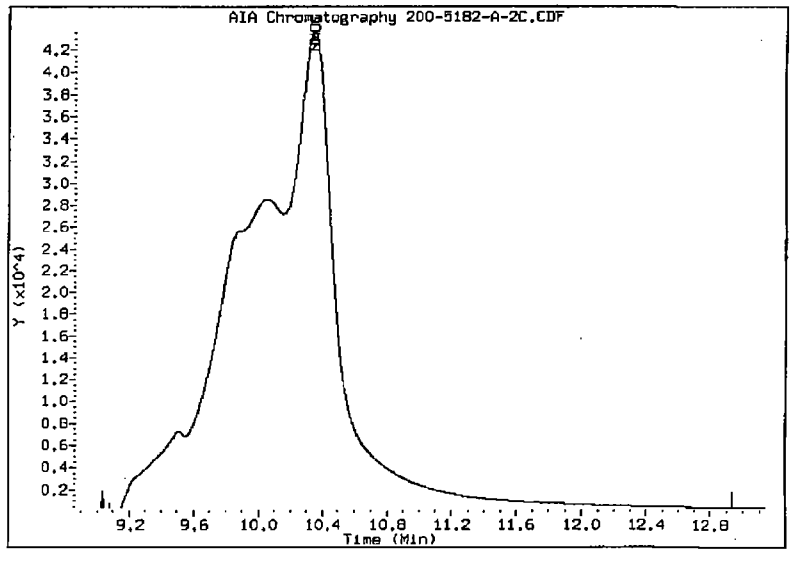
Manual Integration Results

RT: 10.34

Response: 1841869

Amount: 165.50

Conc: 290.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: VLF # 7 Lab Sample ID: 200-5182-3

Matrix: Air Lab File ID: 200-5182-A-3A.d-avg

Analysis Method: EPA 25C Date Collected: 05/12/2011 12:03

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 15:06

Soil Aliquot Vol: Dilution Factor: 1.72

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18119 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	1100		10	10

TestAmerica Burlington

Lab Sample Id: 200-5182-3
Client Smp ID: VLF # 7
Inj Date : 17-MAY-2011 15:06
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-3,1.72
Misc Info : 200-5182-A-3
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.72000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.343	10.262	0.081	1803512	162.054	280(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-5182-3
Client Smp ID: VLF # 7
Inj Date : 17-MAY-2011 15:22
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-3,1.72
Misc Info : 200-5182-A-3
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.72000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.337	10.262	0.075	1832805	164.686	280(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-5182-3
Client Smp ID: VLF # 7
Inj Date : 17-MAY-2011 15:38
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-5182-A-3,1.72
Misc Info : 200-5182-A-3
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:17 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1
Dil Factor: 1.72000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.332	10.262	0.070	1831028	164.526	280(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\200-5182-a-3a.txt
v:\200-5182-a-3b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	4047505	4069350	4058427.5	0.54
Oxygen	752417	756179	754298	0.5
Nitrogen	12732983	12792252	12762617.5	0.46
Methane	3640936	3656095	3648515.5	0.42

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	11.74	11.81	11.78	0.54
Oxygen	2.02	2.03	2.02	0.5
Nitrogen	32.25	32.4	32.33	0.46
Methane	12.04	12.09	12.07	0.42

Processing 25C data for files:
w:\200-5182-a-3a.txt
w:\200-5182-a-3b.txt
w:\200-5182-a-3c.txt

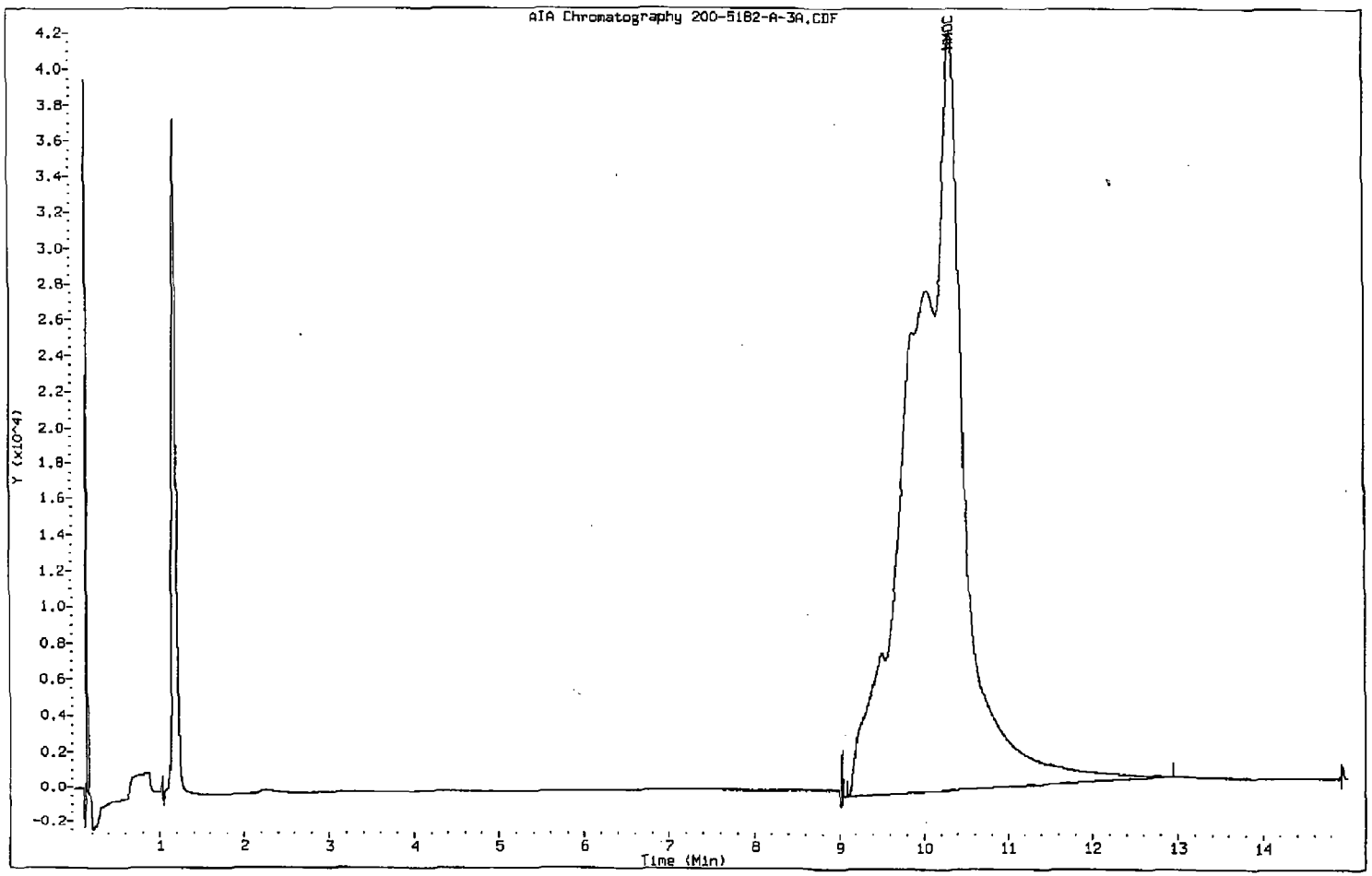
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	1803512	1832805	1831028	1822448.33	0.9

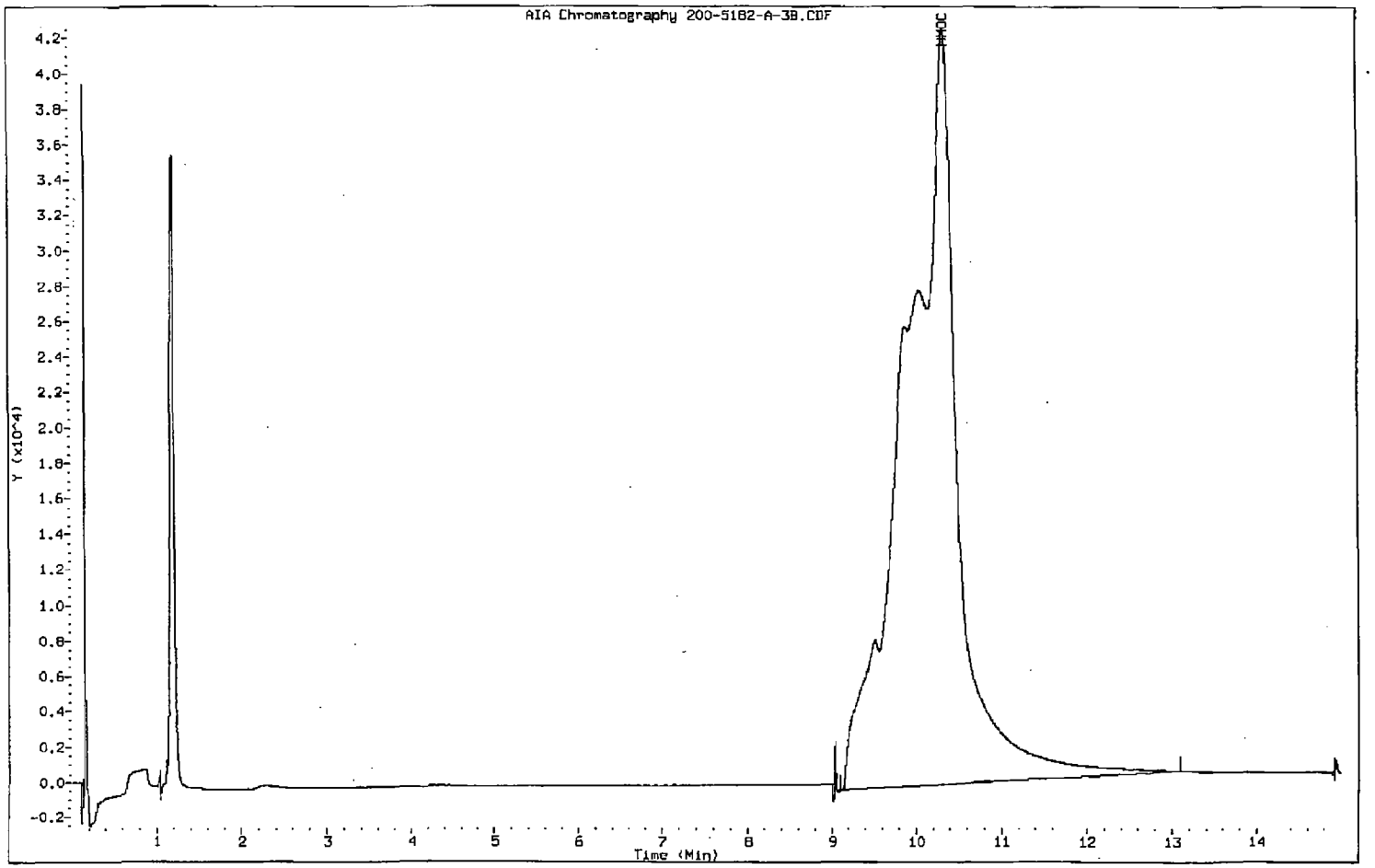
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	162.05	164.69	164.53	163.76	0.9

---------- NMOC Correction----------
Found Raw N2 Result = 32.33 % and NMOC = 163.76 ppm-C
N2 dilution factor = 1.72
N2 Result = Raw N2 * Dil. Fac.55.6076 %
Found Raw NMOC Result = 163.76 ppm-C
NMOC dilution factor = 1.72
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 635.94 ppm-C
Corrected NMOC result * Dil. Fac.= 1093.8168 ppm-C

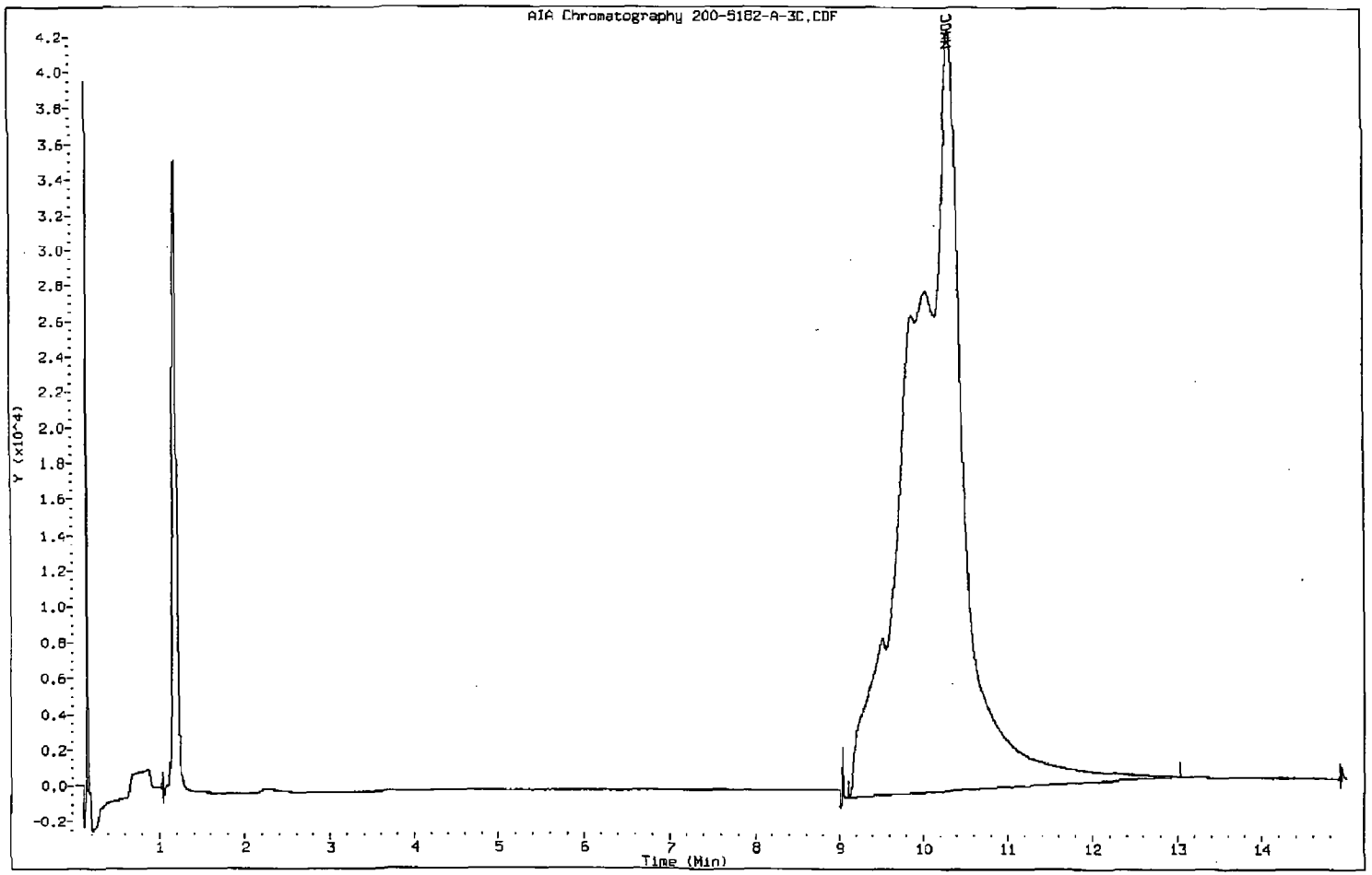
Data File:	200-5182-A-3A.d	Date:	17-MAY-2011 15:06
Client ID:	VLF # 7	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-3,1.72		
Lab Sample ID:	200-5182-3		



Data File:	200-5182-A-3B.d	Date:	17-MAY-2011 15:22
Client ID:	VLF # 7	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-3,1.72		
Lab Sample ID:	200-5182-3		



Data File:	200-5182-A-3C.d	Date:	17-MAY-2011 15:38
Client ID:	VLF # 7	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-5182-A-3,1.72		
Lab Sample ID:	200-5182-3		



Manual Integration Report

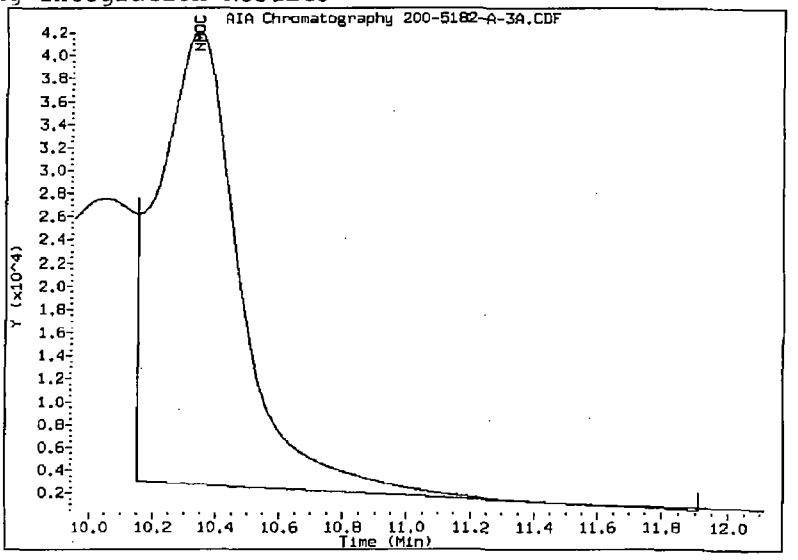
Data File: 200-5182-A-3A.d
Lab Sample ID: 200-5182-3
Inj. Date and Time: 17-MAY-2011 15:06
Instrument ID: 0001_2.i
Client ID: VLF # 7
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

RT: 10.34 Processing Integration Results

Response: 718121

Amount: 64.53

Conc: 65.00



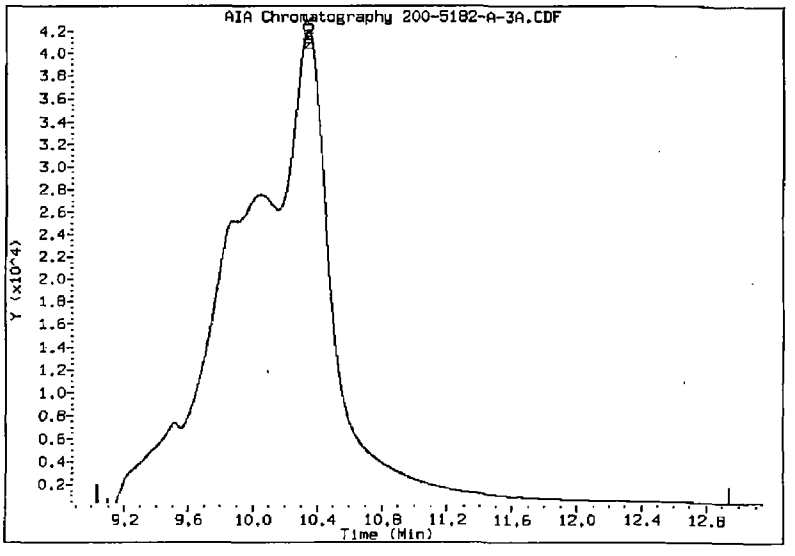
Manual Integration Results

RT: 10.34

Response: 1803512

Amount: 162.05

Conc: 280.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-5182-A-3B.d
Lab Sample ID: 200-5182-3
Inj. Date and Time: 17-MAY-2011 15:22
Instrument ID: 0001_2.i
Client ID: VLF # 7
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

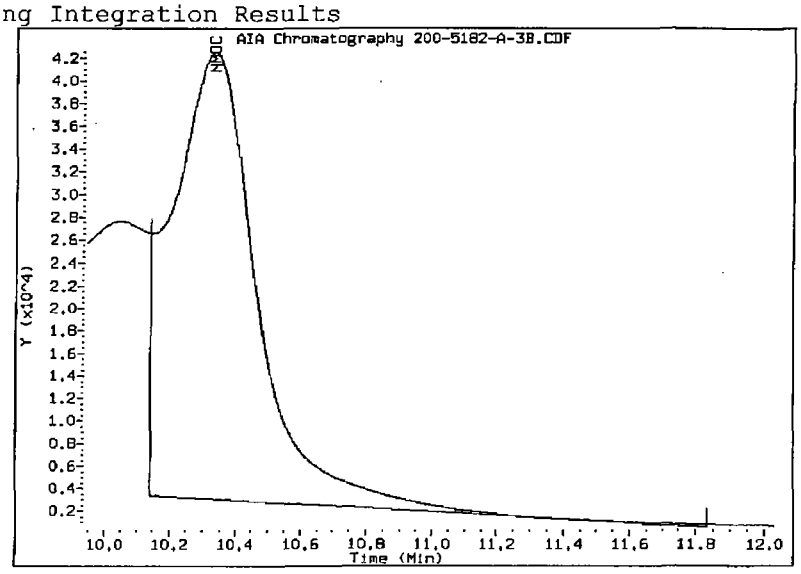
RT: 10.34

Response: 722795

Amount: 64.95

Conc: 65.00

Processing Integration Results



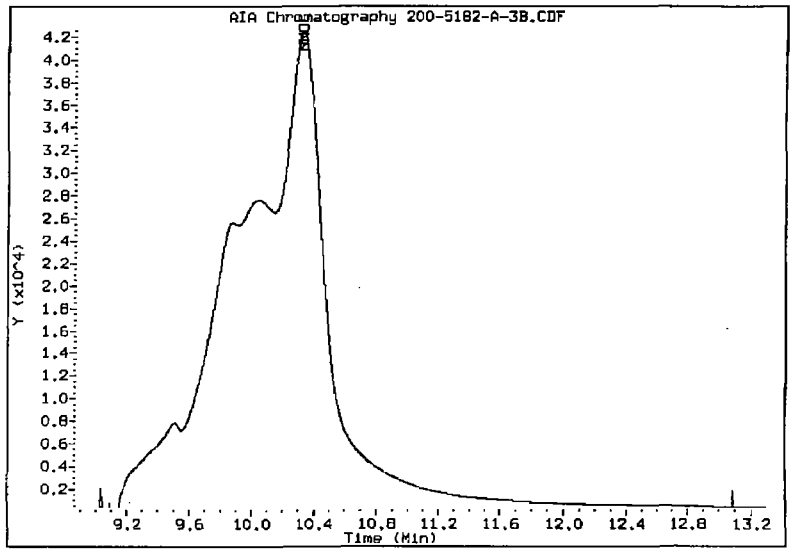
Manual Integration Results

RT: 10.34

Response: 1832805

Amount: 164.69

Conc: 280.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

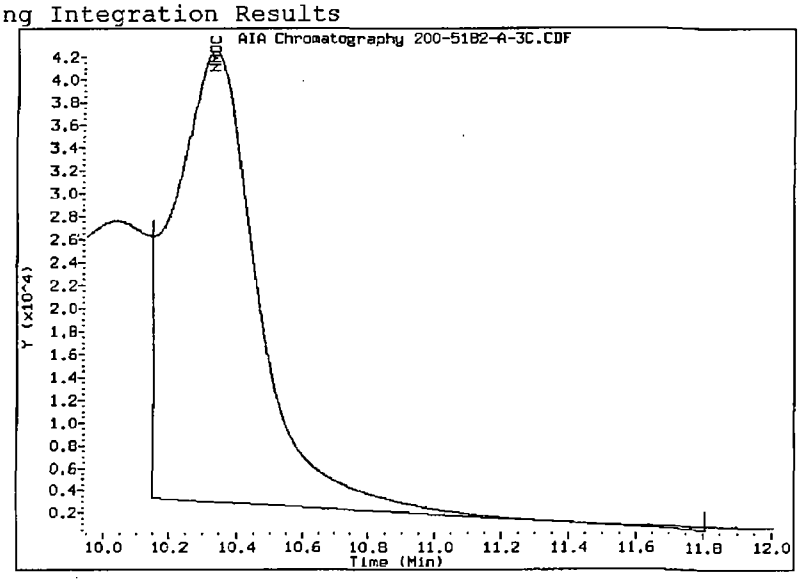
Data File: 200-5182-A-3C.d
Lab Sample ID: 200-5182-3
Inj. Date and Time: 17-MAY-2011 15:38
Instrument ID: 0001_2.i
Client ID: VLF # 7
Compound: 1 NMOC
CAS #:
Report Date: 05/18/2011

RT: 10.33 Processing Integration Results

Response: 700227

Amount: 62.92

Conc: 63.00



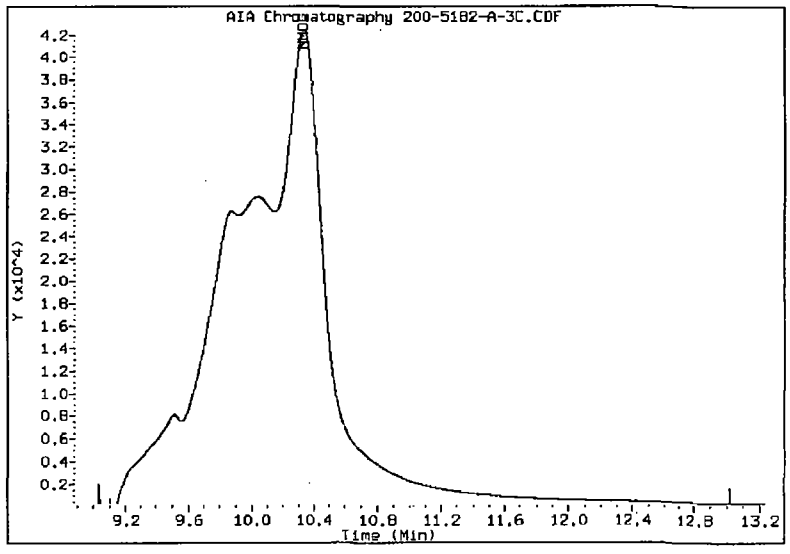
Manual Integration Results

RT: 10.33

Response: 1831028

Amount: 164.53

Conc: 280.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-5182-1 Analy Batch No.: 17168

SDG No.:

Instrument ID: 0001.i GC Column: Carbo/Unibe ID: 2(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2011 10:49 Calibration End Date: 04/27/2011 12:24 Calibration ID: 6208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-17168/1	IC1A.d-avg
Level 2	ICRT 200-17168/3	ICRTA.d-avg
Level 3	IC 200-17168/2	IC3A.d-avg

ANALYTE	LVL 1	LVL 2	LVL 3								RT WINDOW	AVG RT
NMOC as Carbon	9.922	10.303	10.328								9.762 - 10.762	10.184

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-5182-1 Analy Batch No.: 17168

SDG No.:

Instrument ID: 0001.i GC Column: Carbo/Unibe ID: 2(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2011 10:49 Calibration End Date: 04/27/2011 12:24 Calibration ID: 6208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-17168/1	IC1	IC1A.d-avg
Level 2	ICRT 200-17168/3	ICRT	ICRTA.d-avg
Level 3	IC 200-17168/2	IC3	IC3A.d-avg

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3			B	M1	M2								
NMOC as Carbon	11449	11424	9767.0		Ave		11129.0848				8.3		15.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-5182-1 Analy Batch No.: 17168

SDG No.:

Instrument ID: 0001.i GC Column: Carbo/Unibe ID: 2(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2011 10:49 Calibration End Date: 04/27/2011 12:24 Calibration ID: 6208

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-17168/1	IC1A.d-avg
Level 2	ICRT 200-17168/3	ICRTA.d-avg
Level 3	IC 200-17168/2	IC3A.d-avg

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (PPM-C)				
		LVL 1	LVL 2	LVL 3			LVL 1	LVL 2	LVL 3		
NMOC as Carbon	Ave	68696	8567931	17580640			6.00	750	1800		

Curve Type Legend:
Ave = Average

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/IC1B.d
Lab Smp Id: IC1 Client Smp ID: IC1
Inj Date : 27-APR-2011 11:05
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC1,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 28-Apr-2011 09:14 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 11:21 Cal File: IC1C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.293	10.262	0.031	72292	6.00000	6.5(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/IC1C.d
Lab Smp Id: IC1 Client Smp ID: IC1
Inj Date : 27-APR-2011 11:21
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC1,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 28-Apr-2011 09:14 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 11:21 Cal File: IC1C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.307	10.262	0.045	74028	6.00000	6.7(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/IC1A.d
Lab Smp Id: IC1 Client Smp ID: IC1
Inj Date : 27-APR-2011 10:49
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC1,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 28-Apr-2011 09:14 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 11:21 Cal File: IC1C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.922	10.262	-0.340	68696	6.00000	6.2(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 25C data for files:
w:\ic1a.txt
w:\ic1b.txt
w:\ic1c.txt

Raw Results - NMOC

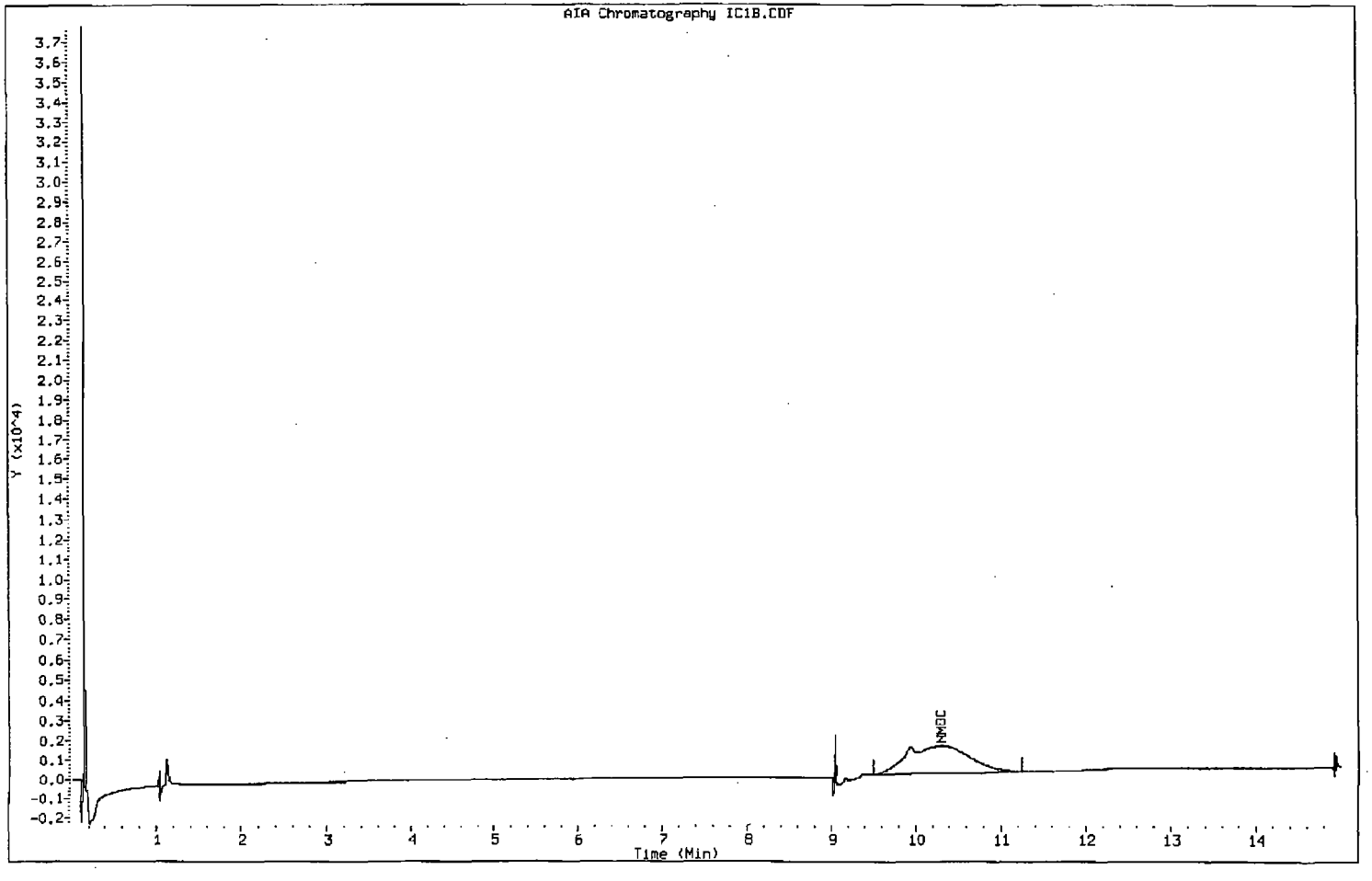
Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	100	100	100	100	3.79

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	6.17	6.5	6.65	6.44	3.79

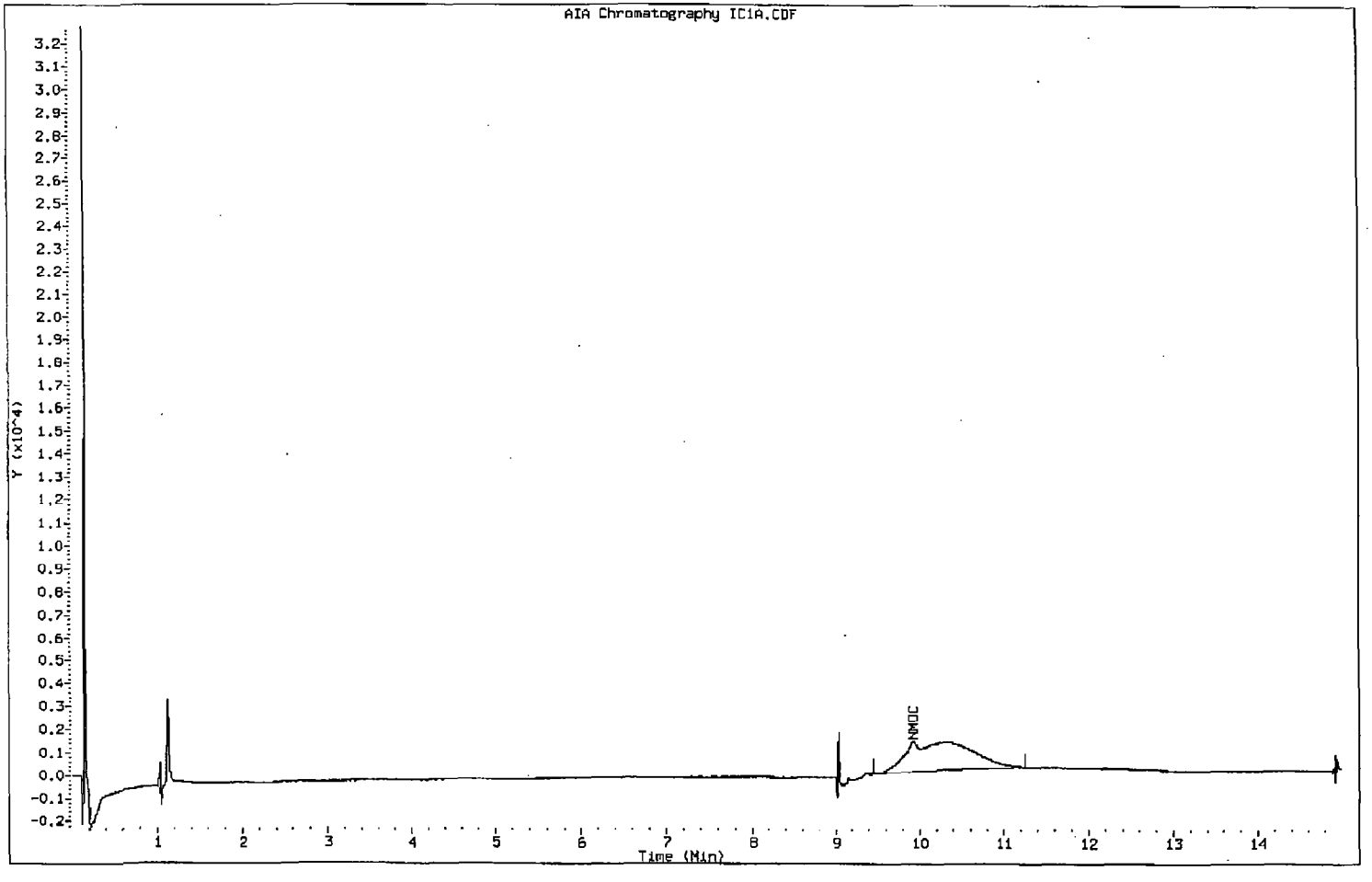
NMOC Correction

NMOC correction not requested, NMOC correction not applied

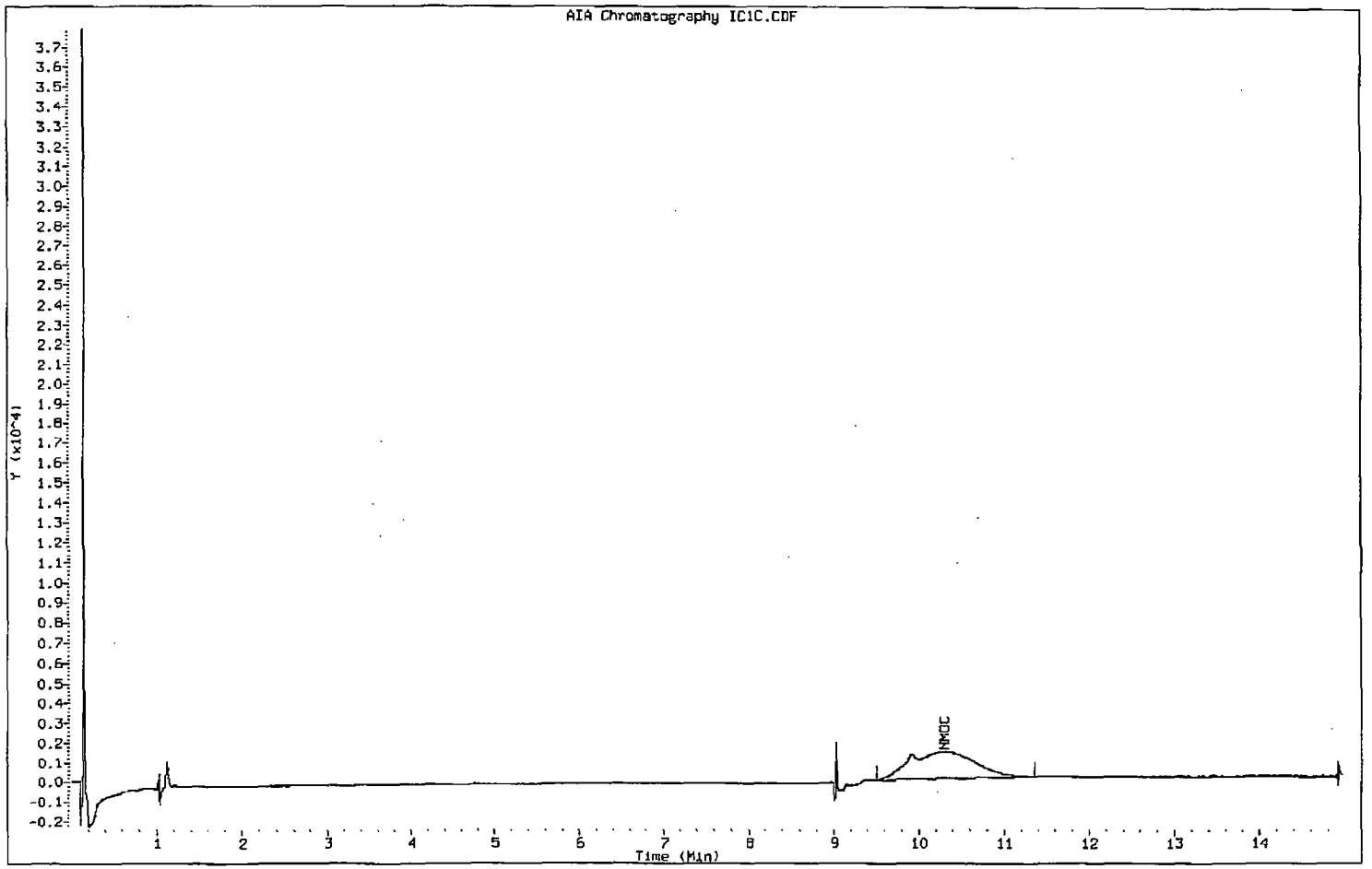
Data File:	IC1B.d	Date:	27-APR-2011 11:05
Client ID:	IC1	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC1,1		
Lab Sample ID:	IC1		



Data File:	IC1A.d	Date:	27-APR-2011 10:49
Client ID:	IC1	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC1,1		
Lab Sample ID:	IC1		



Data File:	IC1C.d	Date:	27-APR-2011 11:21
Client ID:	IC1	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC1,1		
Lab Sample ID:	IC1		



Manual Integration Report

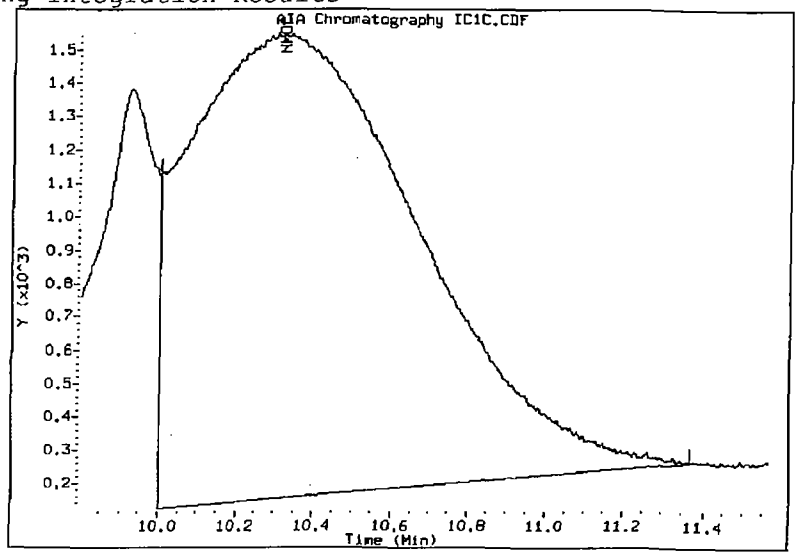
Data File: IC1C.d
Lab Sample ID: IC1
Inj. Date and Time: 27-APR-2011 11:21
Instrument ID: 0001_2.i
Client ID: IC1
Compound: 1 NMOC
CAS #:
Report Date: 04/28/2011

RT: 10.32 Processing Integration Results

Response: 57639

Amount: 5.18

Conc: 5.20



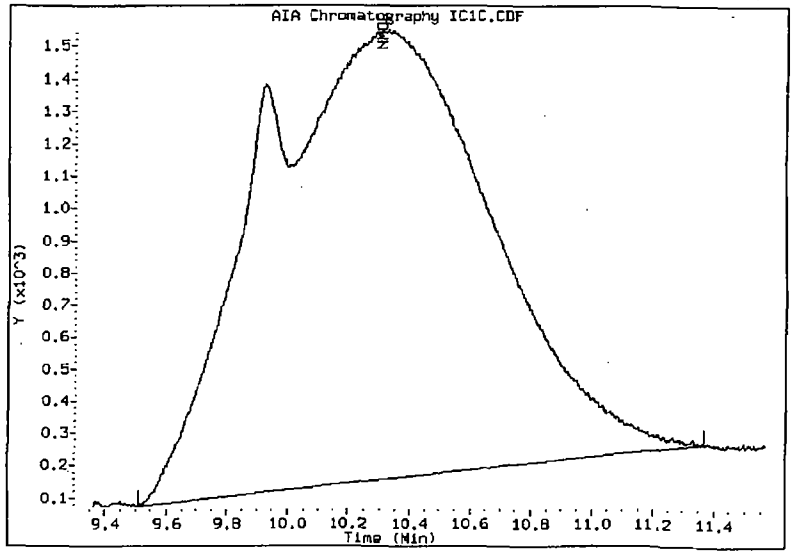
Manual Integration Results

RT: 10.31

Response: 74028

Amount: 6.65

Conc: 6.70



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

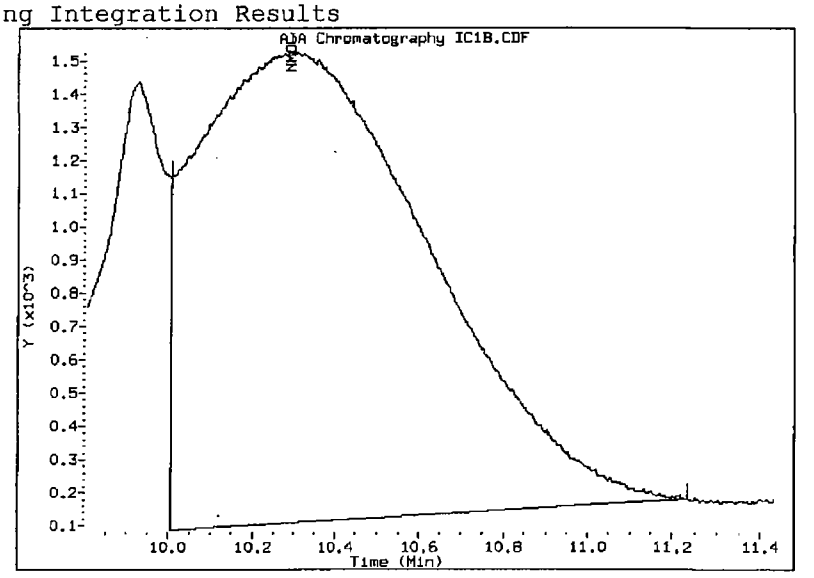
Data File: IC1B.d
Lab Sample ID: IC1
Inj. Date and Time: 27-APR-2011 11:05
Instrument ID: 0001_2.i
Client ID: IC1
Compound: 1 NMOC
CAS #:
Report Date: 04/28/2011

RT: 10.29 Processing Integration Results

Response: 54715

Amount: 4.92

Conc: 4.90



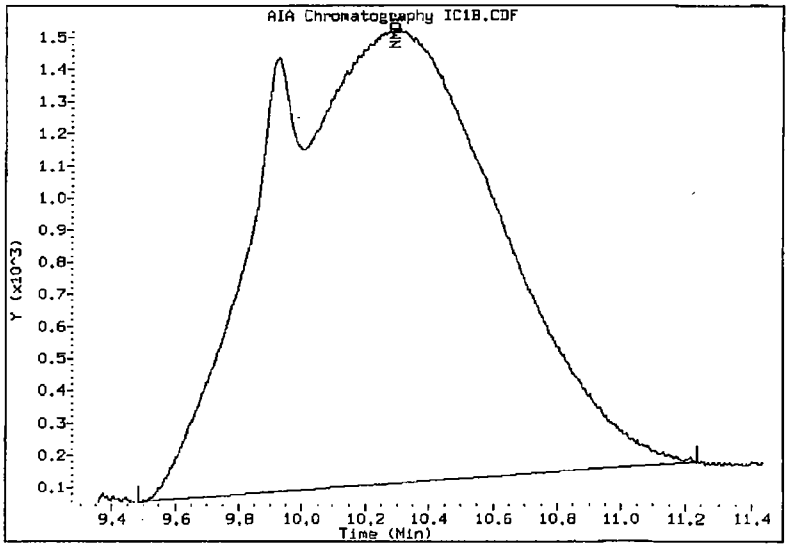
Manual Integration Results

RT: 10.29

Response: 72292

Amount: 6.50

Conc: 6.50



File Uploaded By: mrv
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/IC3C.d
Lab Smp Id: IC3 Client Smp ID: IC3
Inj Date : 27-APR-2011 12:56
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC3,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:56 Cal File: IC3C.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.328	10.262	0.066	18444521	1800.00	1700

Processing 25C data for files:
w:\ic3a.txt
w:\ic3b.txt
w:\ic3c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	100	100	100	100	2.47

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	1579.7	1602.58	1657.33	1613.2	2.47

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/IC3B.d
Lab Smp Id: IC3 Client Smp ID: IC3
Inj Date : 27-APR-2011 12:40
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC3,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:56 Cal File: IC3C.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.330	10.262	0.068	17835201	1800.00	1600

TestAmerica Burlington

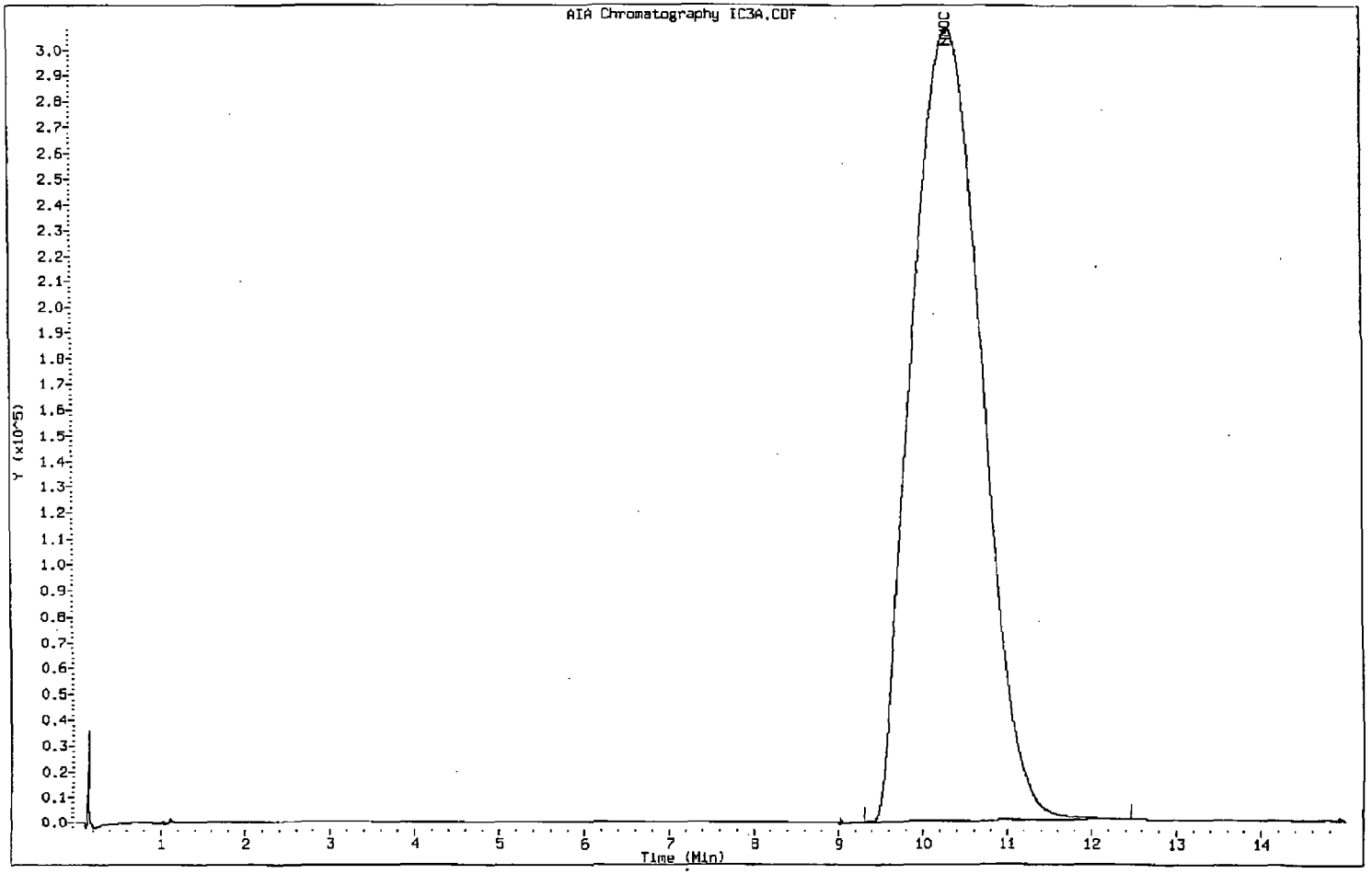
Data file : /var/chem/0001_2.i/27APR11NMOC.b/IC3A.d
Lab Smp Id: IC3 Client Smp ID: IC3
Inj Date : 27-APR-2011 12:24
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC3,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:56 Cal File: IC3C.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

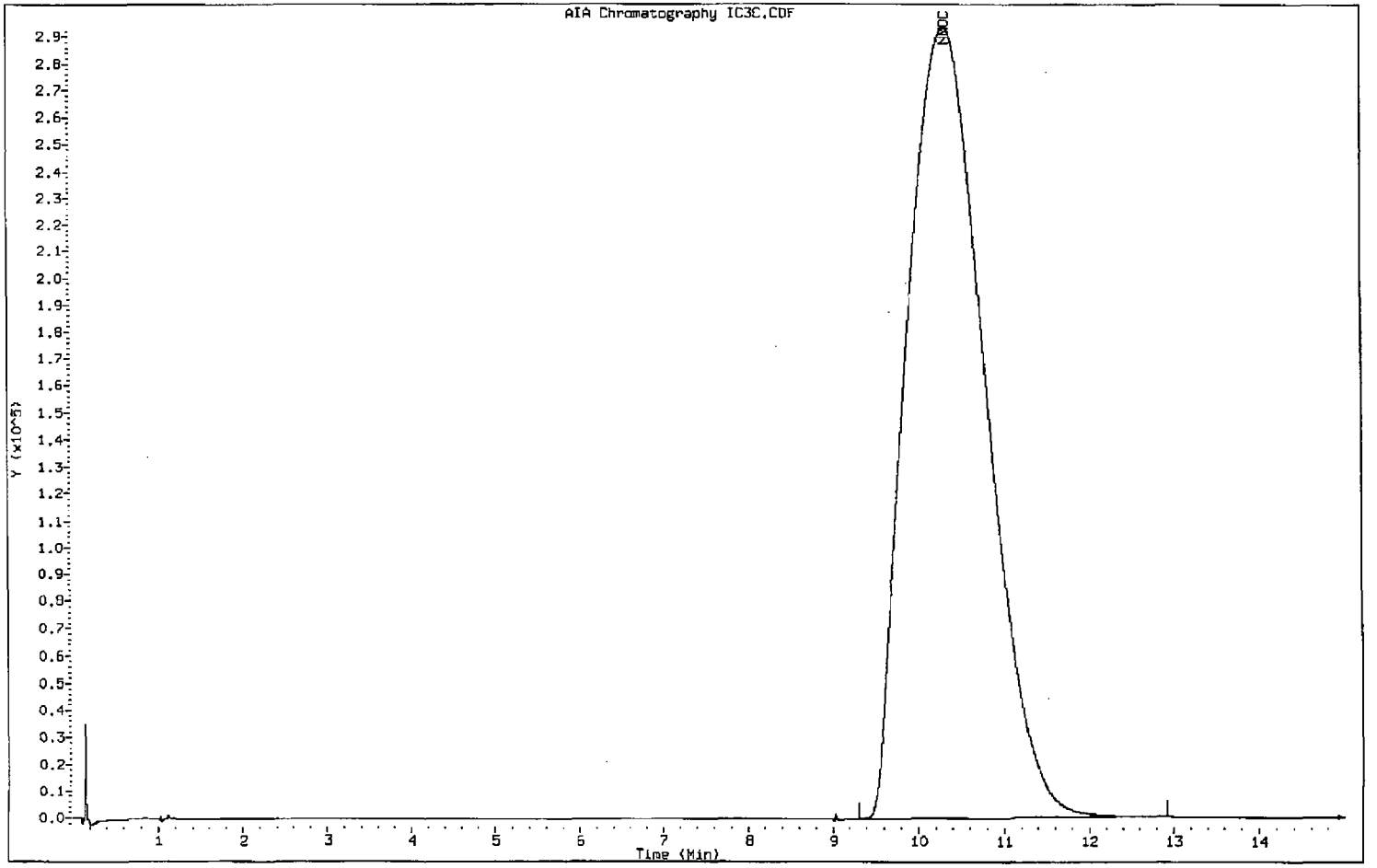
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.328	10.262	0.066	17580640	1000.00	1600

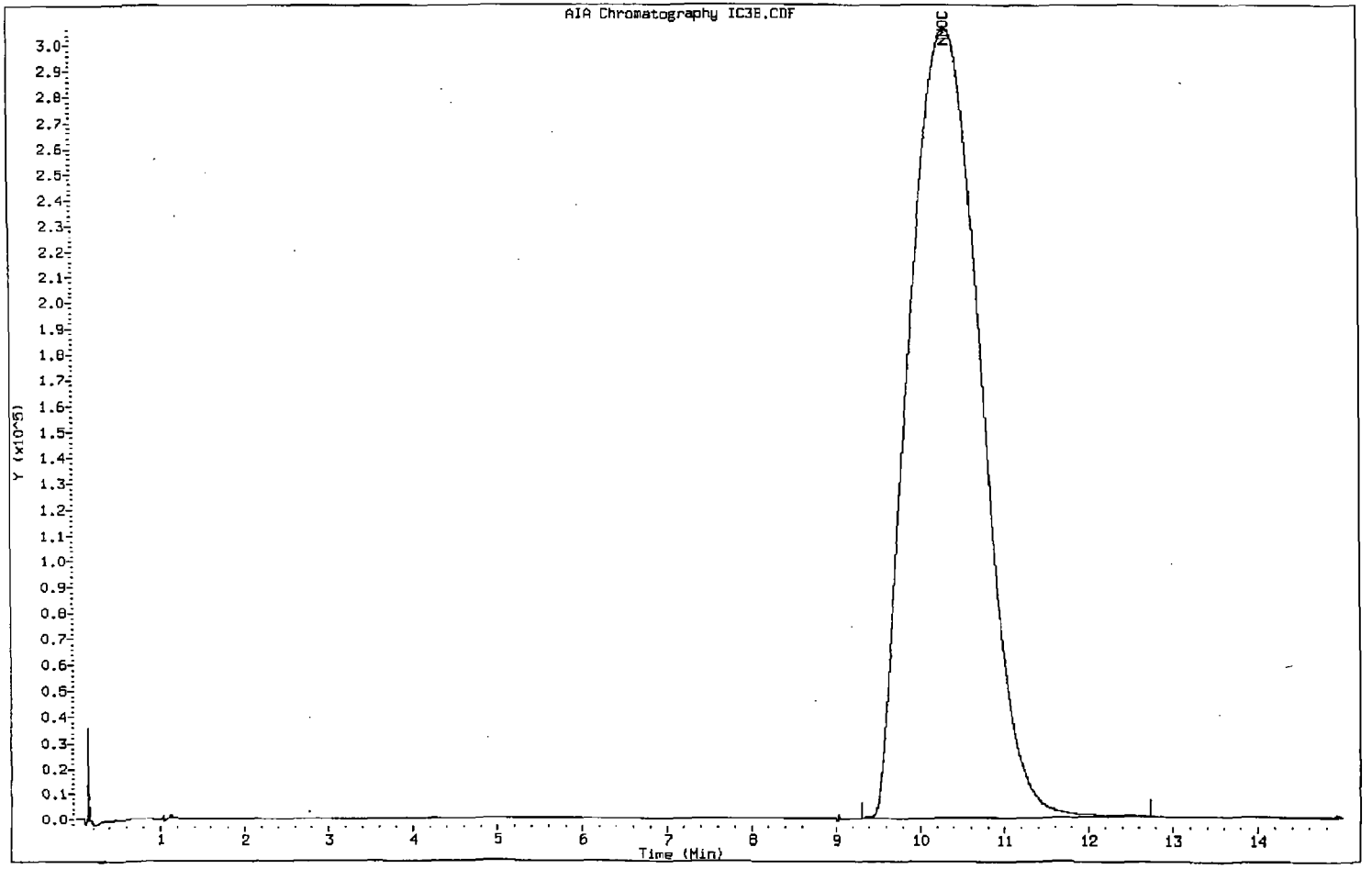
Data File:	IC3A.d	Date:	27-APR-2011 12:24
Client ID:	IC3	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC3,1		
Lab Sample ID:	IC3		



Data File:	IC3C.d	Date:	27-APR-2011 12:56
Client ID:	IC3	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC3,1		
Lab Sample ID:	IC3		



Data File:	IC3B.d	Date:	27-APR-2011 12:40
Client ID:	IC3	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC3,1		
Lab Sample ID:	IC3		



TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/ICRTC.d
Lab Smp Id: ICRT Client Smp ID: ICRT
Inj Date : 27-APR-2011 12:08
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICRT,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.262	10.262	0.000	8648816	750.000	780

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/ICRTB.d
Lab Smp Id: ICRT Client Smp ID: ICRT
Inj Date : 27-APR-2011 11:52
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICRT,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.320	10.262	0.058	8585758	750.000	770

Processing 25C data for files:
w:\icrta.txt
w:\icrtb.txt
w:\icrtc.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	100	100	100	100	0.49

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	769.87	771.47	777.14	772.83	0.49

NMOC Correction

NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

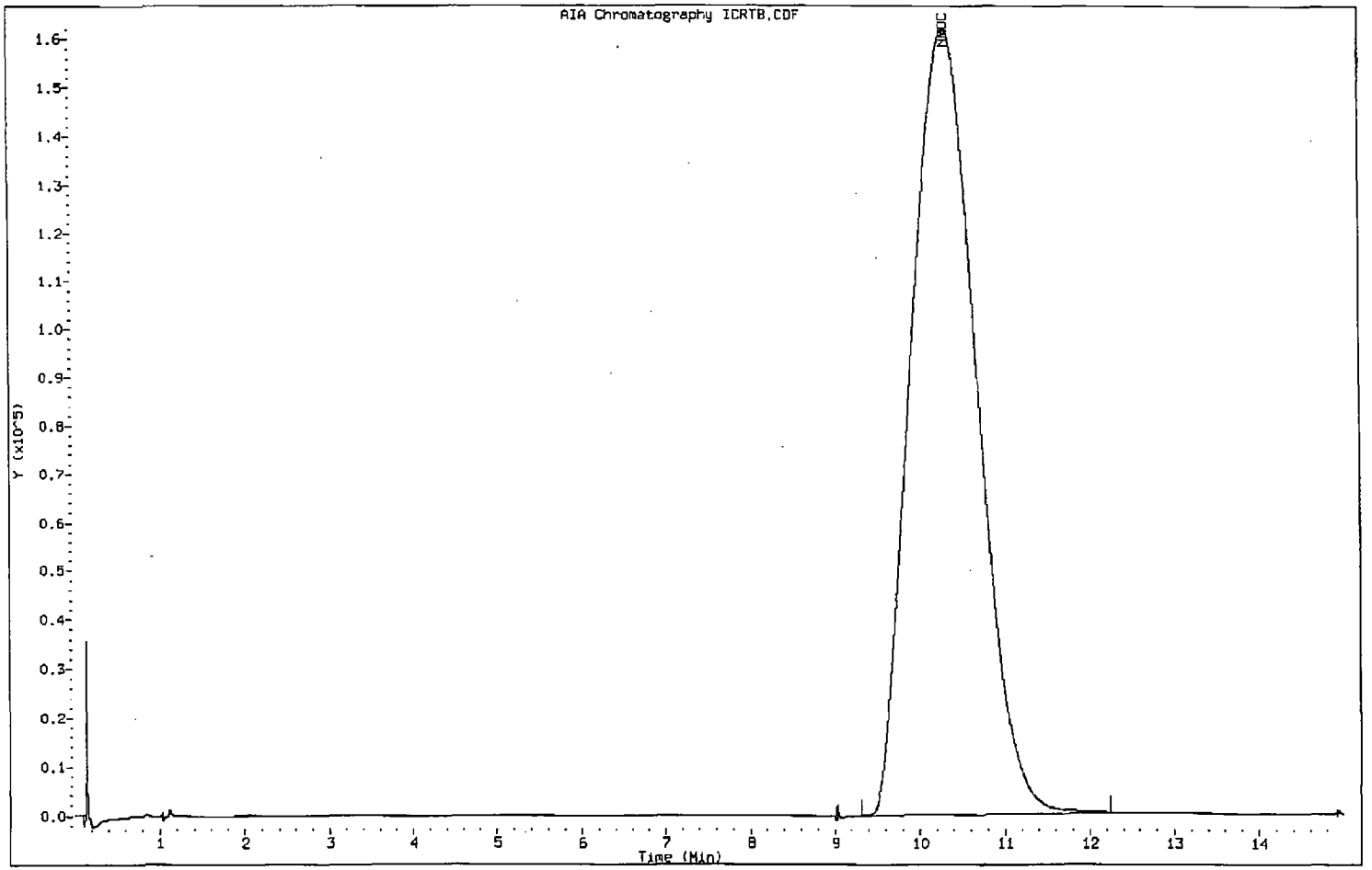
Data file : /var/chem/0001_2.i/27APR11NMOC.b/ICRTA.d
Lab Smp Id: ICRT Client Smp ID: ICRT
Inj Date : 27-APR-2011 11:37
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICRT,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

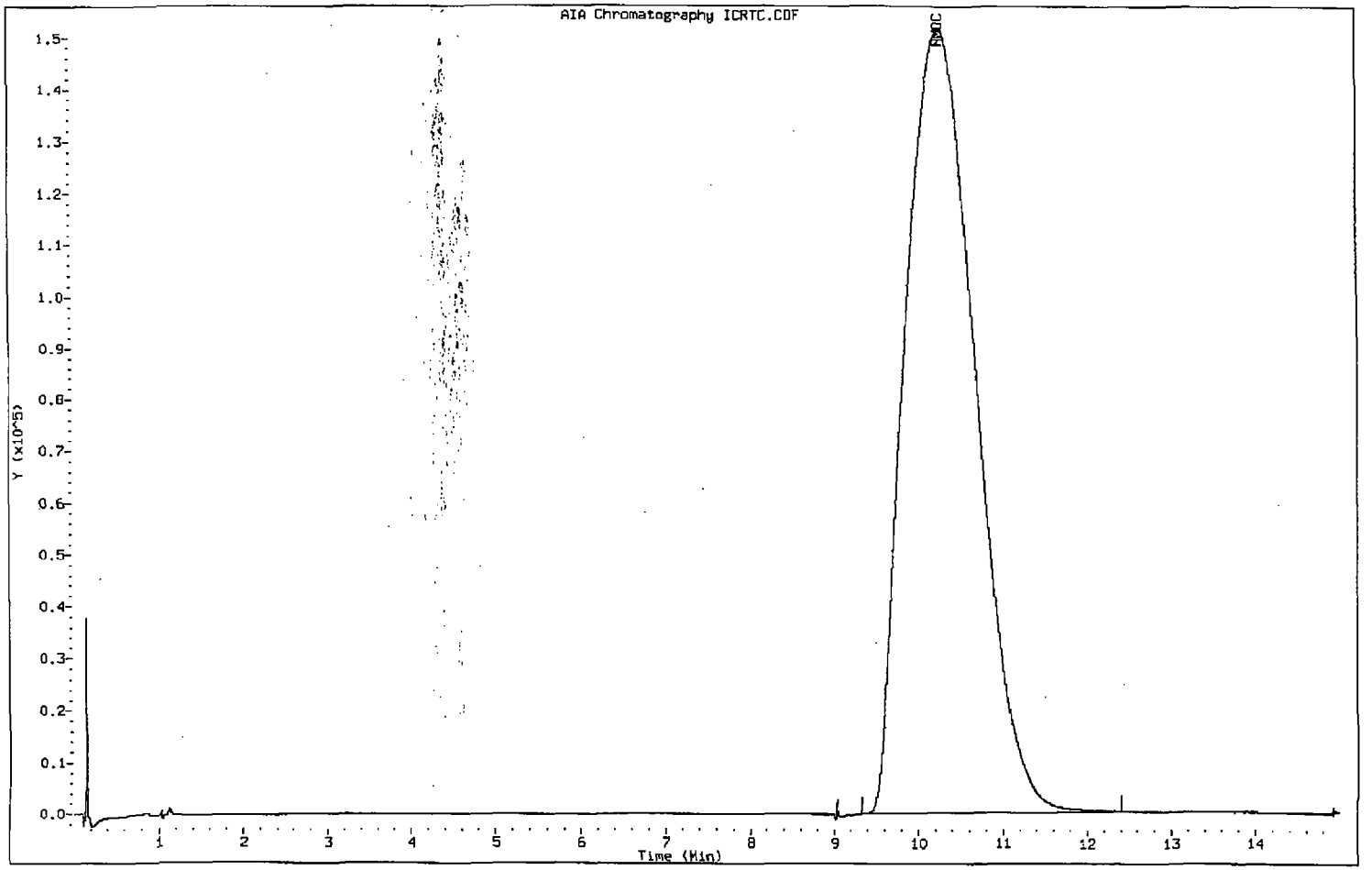
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.303	10.262	0.041	8567931	750.000	770

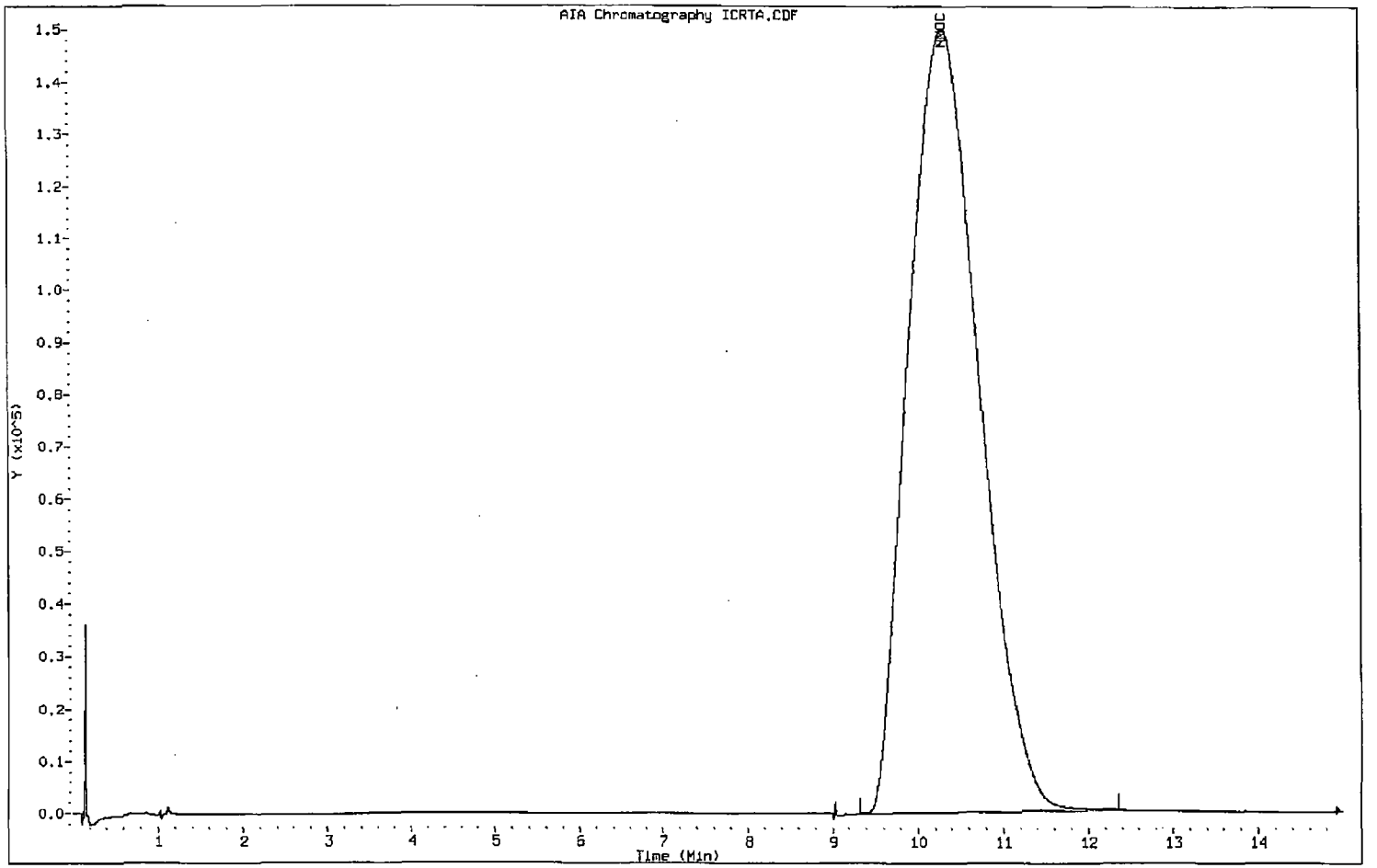
Data File:	ICRTB.d	Date:	27-APR-2011 11:52
Client ID:	ICRT	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICRT,1		
Lab Sample ID:	ICRT		



Data File:	ICRTC.d	Date:	27-APR-2011 12:08
Client ID:	ICRT	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICRT,1		
Lab Sample ID:	ICRT		



Data File:	ICRTA.d	Date:	27-APR-2011 11:37
Client ID:	ICRT	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICRT,1		
Lab Sample ID:	ICRT		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab Sample ID: ICV 200-17168/4 Calibration Date: 04/27/2011 13:39

Instrument ID: 0001.i Calib Start Date: 04/27/2011 10:49

GC Column: Carbo/Unibeads ID: 2.00(mm) Calib End Date: 04/27/2011 12:24

Lab File ID: ICVA.d-avg Conc. Units: ppm-C Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
NMOC as Carbon	Ave	11129	11407		788	750	2.5	

Processing 25C data for files:
w:\icva.txt
w:\icvb.txt
w:\icvc.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	100	100	100	100	2.46

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	768.75	788.79	807.47	788.34	2.46

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/ICVB.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 27-APR-2011 13:55
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICV,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	10.313	10.262	0.051	8778496	788.789	790

TestAmerica Burlington

Data file : /var/chem/0001_2.i/27APR11NMOC.b/ICVA.d
Lab Smp Id: ICV
Inj Date : 27-APR-2011 13:39
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICV,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	10.310	10.262	0.048	8555529	768.754	770

TestAmerica Burlington

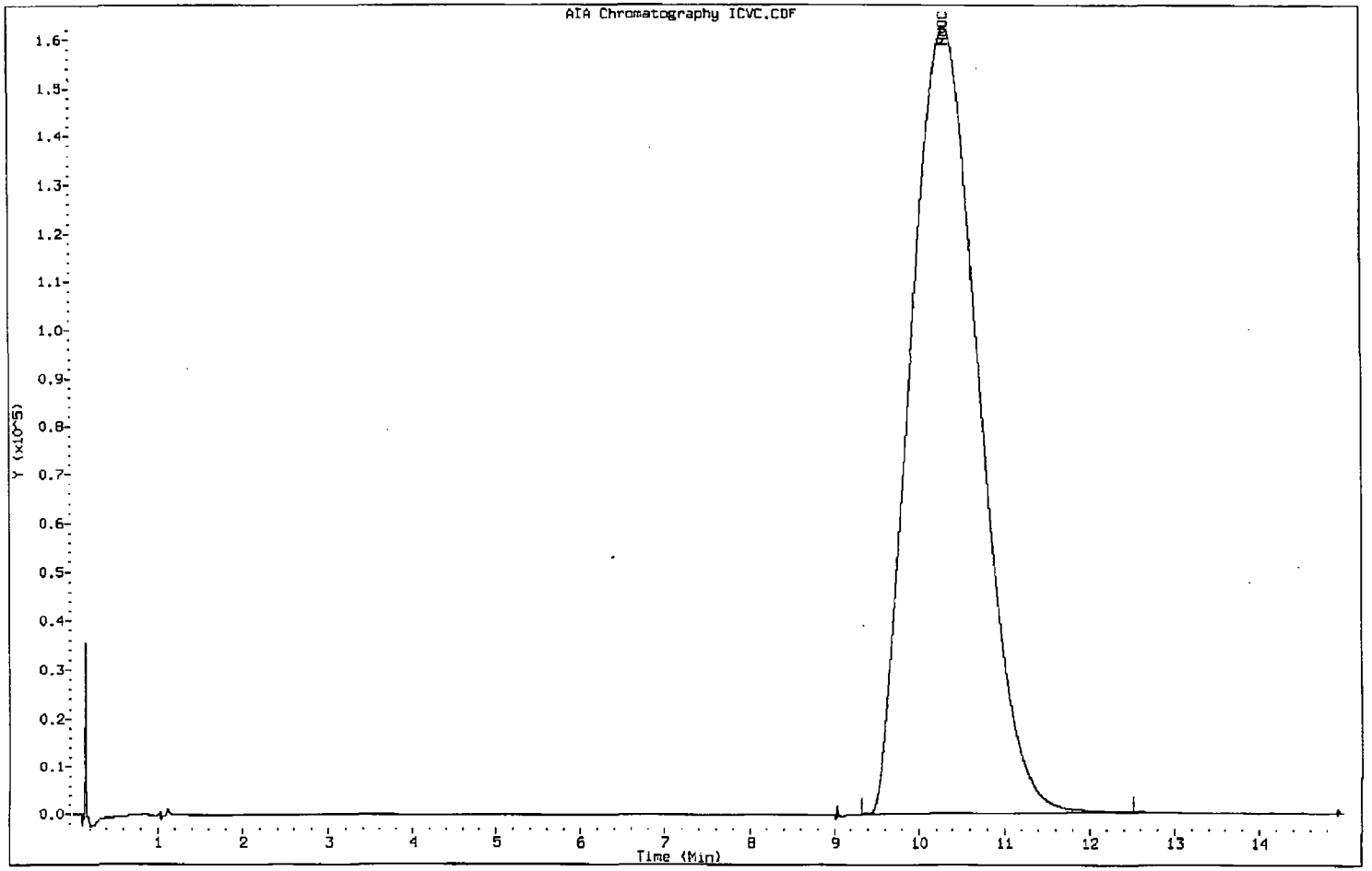
Data file : /var/chem/0001_2.i/27APR11NMOC.b/ICVC.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 27-APR-2011 14:11
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICV,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/27APR11NMOC.b/NMOC_NBSt.m
Meth Date : 27-Apr-2011 13:33 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

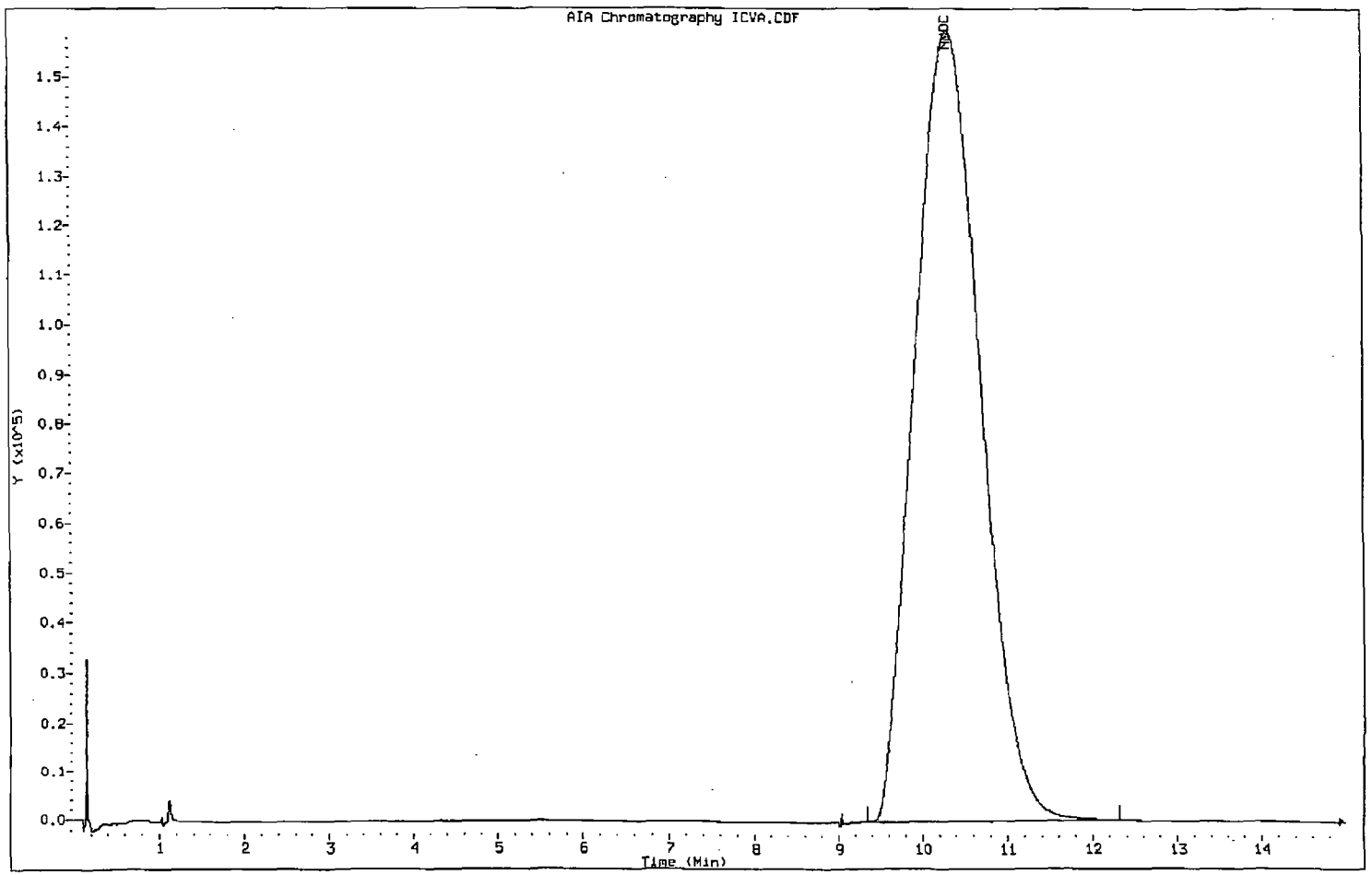
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	10.322	10.262	0.060	8986362	807.465	810

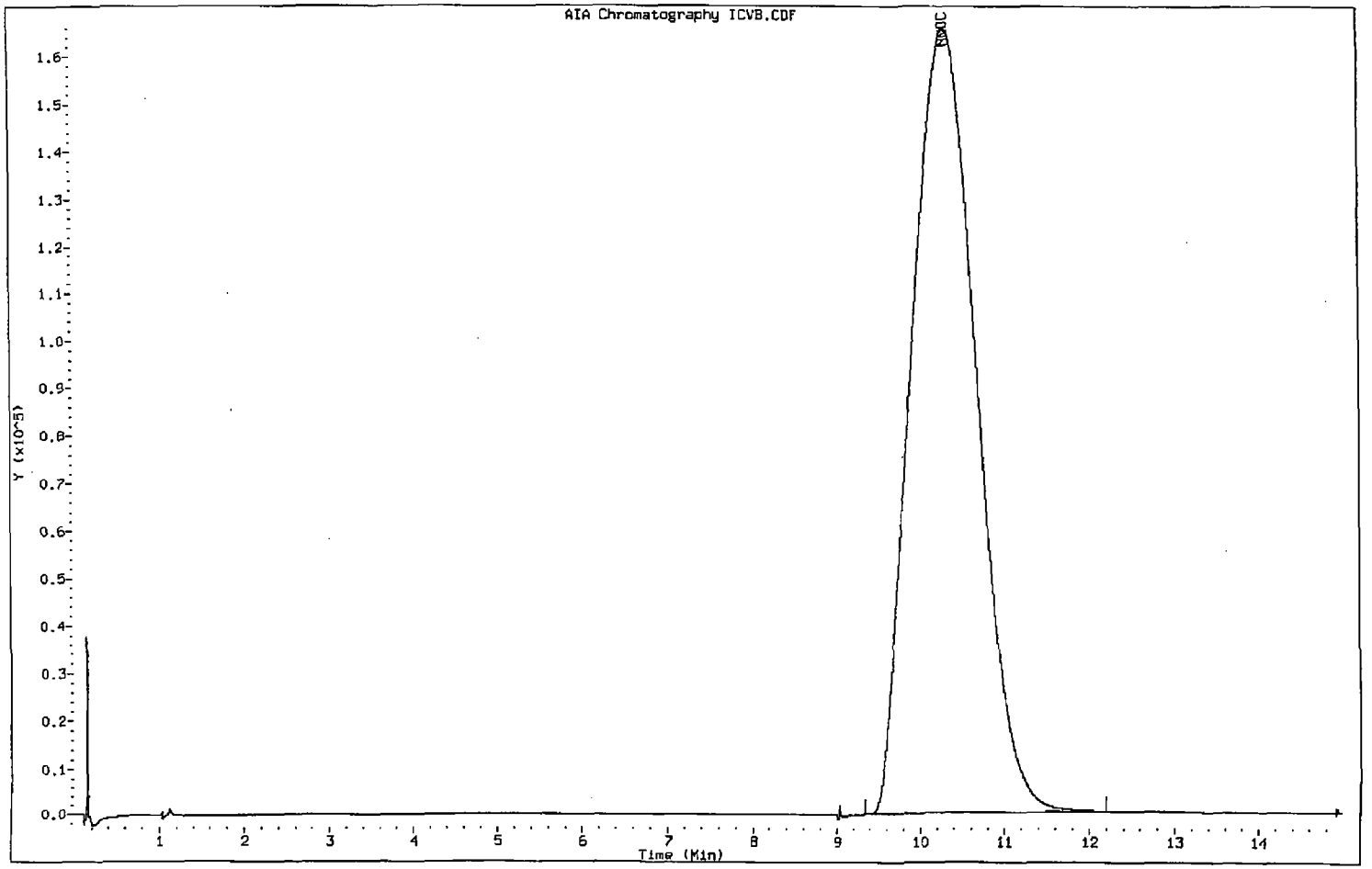
Data File:	ICVC.d	Date:	27-APR-2011 14:11
Client ID:	ICV	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICV,1		
Lab Sample ID:	ICV		



Data File:	ICVA.d	Date:	27-APR-2011 13:39
Client ID:		Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICV,1		
Lab Sample ID:	ICV		



Data File:	ICVB.d	Date:	27-APR-2011 13:55
Client ID:	ICV	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICV,1		
Lab Sample ID:	ICV		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab Sample ID: CCV 200-18119/1 Calibration Date: 05/17/2011 09:28

Instrument ID: 0001.i Calib Start Date: 04/27/2011 10:49

GC Column: Carbo/Unibeads ID: 2.00(mm) Calib End Date: 04/27/2011 12:24

Lab File ID: 25CCCV051711A.d-avg Conc. Units: ppm-C Heated Purge: (Y/N) N

EPA Sample No.: 25CCCV051711

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
NMOC as Carbon	Ave	11129	10276		693	750	-7.7	10.0

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CCCV051711C.d
Lab Smp Id: 25CCCV051711 Client Smp ID: 25CCCV051711
Inj Date : 17-MAY-2011 10:00
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCV051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.283	10.262	0.021	7903946	750.000	710

Processing 3C data for files:
v:\3cccv051711a.txt
v:\3cccv051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1769471	1756086	1762778.5	0.76
Oxygen	1392608	1386494	1389551	0.44
Nitrogen	1923628	1904429	1914028.5	1
Methane	1201154	1200248	1200701	0.08

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.13	5.1	5.11	0.76
Oxygen	3.74	3.72	3.73	0.44
Nitrogen	4.87	4.82	4.85	1
Methane	3.97	3.97	3.97	0.08

Processing 25C data for files:
w:\25cccv051711a.txt
w:\25cccv051711b.txt
w:\25cccv051711c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	7415170	7802889	7903946	7707335	3.35

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	666.29	701.13	710.21	692.54	3.35

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CCCV051711B.d
Lab Smp Id: 25CCCV051711 Client Smp ID: 25CCCV051711
Inj Date : 17-MAY-2011 09:44
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCV051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.322	10.262	0.060	7802889	750.000	700

TestAmerica Burlington

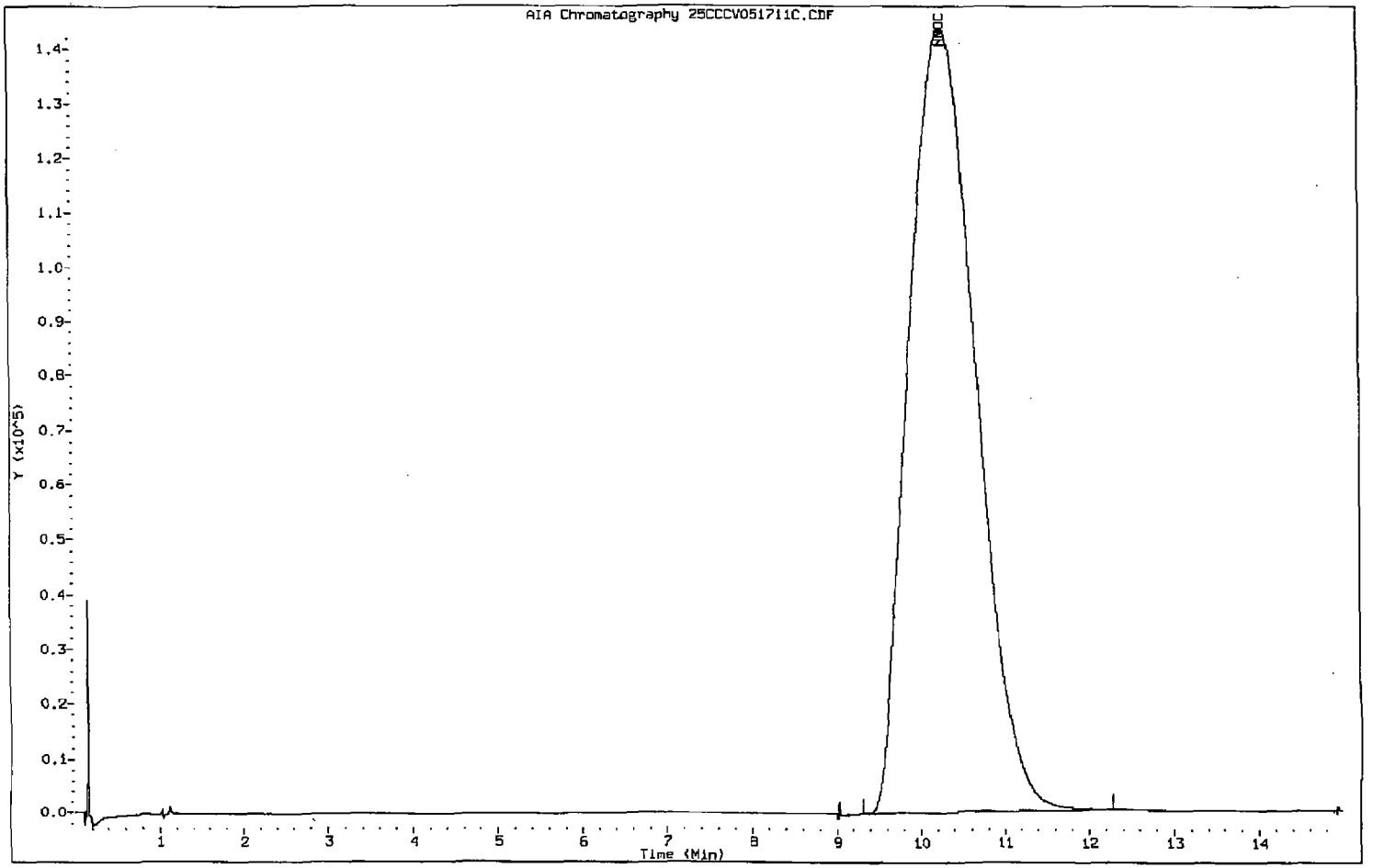
Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CCCV051711A.d
Lab Smp Id: 25CCCV051711 Client Smp ID: 25CCCV051711
Inj Date : 17-MAY-2011 09:28
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCV051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

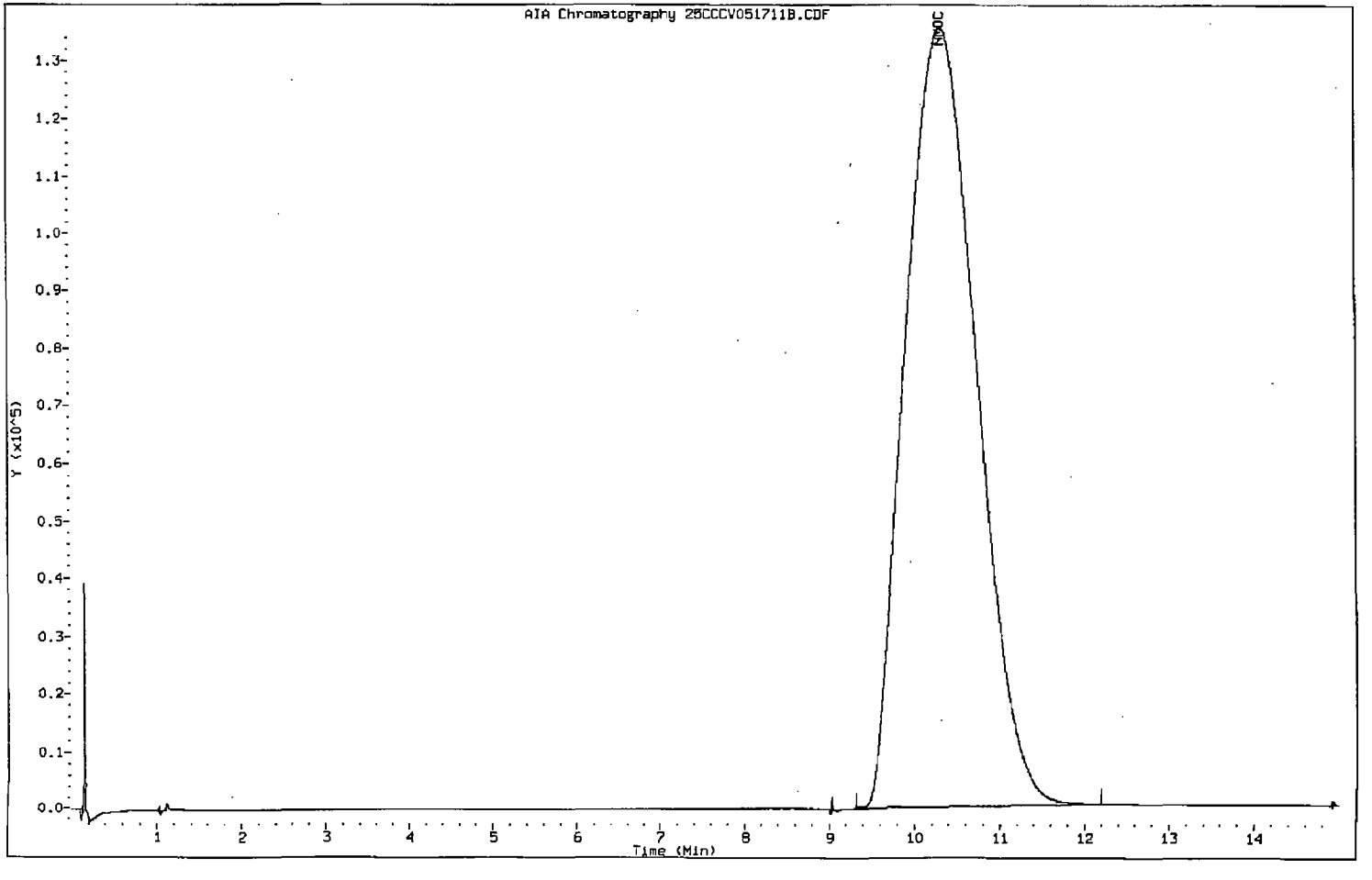
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.305	10.262	0.043	7415170	750.000	670

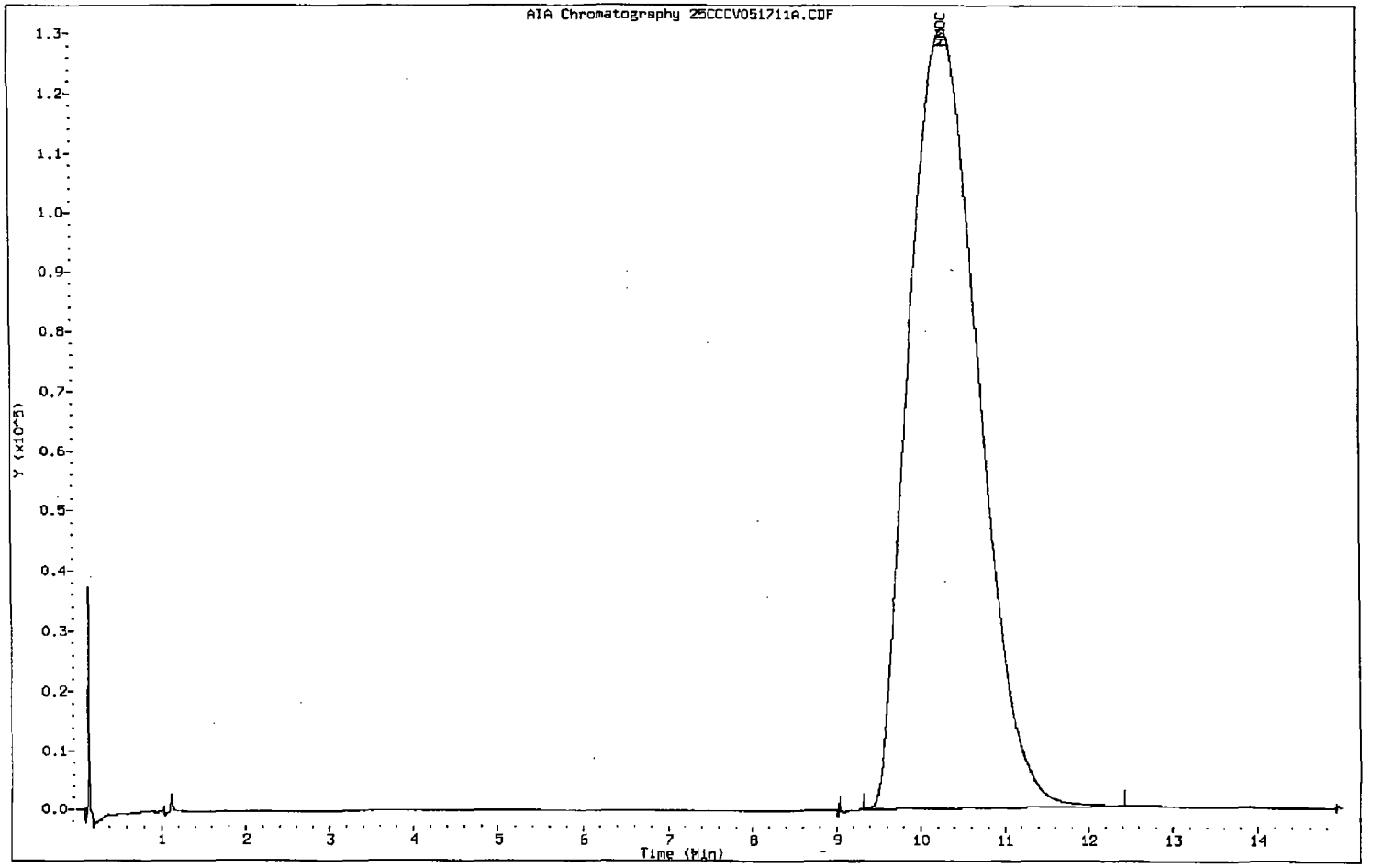
Data File:	25CCCV051711C.d	Date:	17-MAY-2011 10:00
Client ID:	25CCCV051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCV051711,1		
Lab Sample ID:	25CCCV051711		



Data File:	25CCCV051711B.d	Date:	17-MAY-2011 09:44
Client ID:	25CCCV051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCV051711,1		
Lab Sample ID:	25CCCV051711		



Data File:	25CCCV051711A.d	Date:	17-MAY-2011 09:28
Client ID:	25CCCV051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCV051711,1		
Lab Sample ID:	25CCCV051711		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Lab Sample ID: CCVC 200-18119/8 Calibration Date: 05/18/2011 07:45

Instrument ID: 0001.i Calib Start Date: 04/27/2011 10:49

GC Column: Carbo/Unibeads ID: 2.00(mm) Calib End Date: 04/27/2011 12:24

Lab File ID: 25CCCVC051711A.d-avg Conc. Units: ppm-C Heated Purge: (Y/N) N

EPA Sample No.: 25CCCVC051711

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
NMOC as Carbon	Ave	11129	10485		707	750	-5.8	10.0

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CCCVC051711C.d
Lab Smp Id: 25CCCVC051711 Client Smp ID: 25CCCVC051711
Inj Date : 18-MAY-2011 08:16
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCVC051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:45 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.343	10.262	0.081	8073874	750.000	730

Processing 3C data for files:
v:\3cccvc051711a.txt
v:\3cccvc051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1747851	1752093	1749972	0.24
Oxygen	1368822	1383927	1376374.5	1.1
Nitrogen	1867911	1889852	1878881.5	1.17
Methane	1191924	1197116	1194520	0.43

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.07	5.08	5.08	0.24
Oxygen	3.67	3.71	3.69	1.1
Nitrogen	4.73	4.79	4.76	1.17
Methane	3.94	3.96	3.95	0.43

Processing 25C data for files:
w:\25cccvc051711a.txt
w:\25cccvc051711b.txt
w:\25cccvc051711c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	7654321	7862957	8073874	7863717.33	2.67

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	687.78	706.52	725.48	706.59	2.67

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CCCVC051711B.d
Lab Smp Id: 25CCCVC051711 Client Smp ID: 25CCCVC051711
Inj Date : 18-MAY-2011 08:00
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCVC051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:45 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.332	10.262	0.070	7862957	750.000	710

TestAmerica Burlington

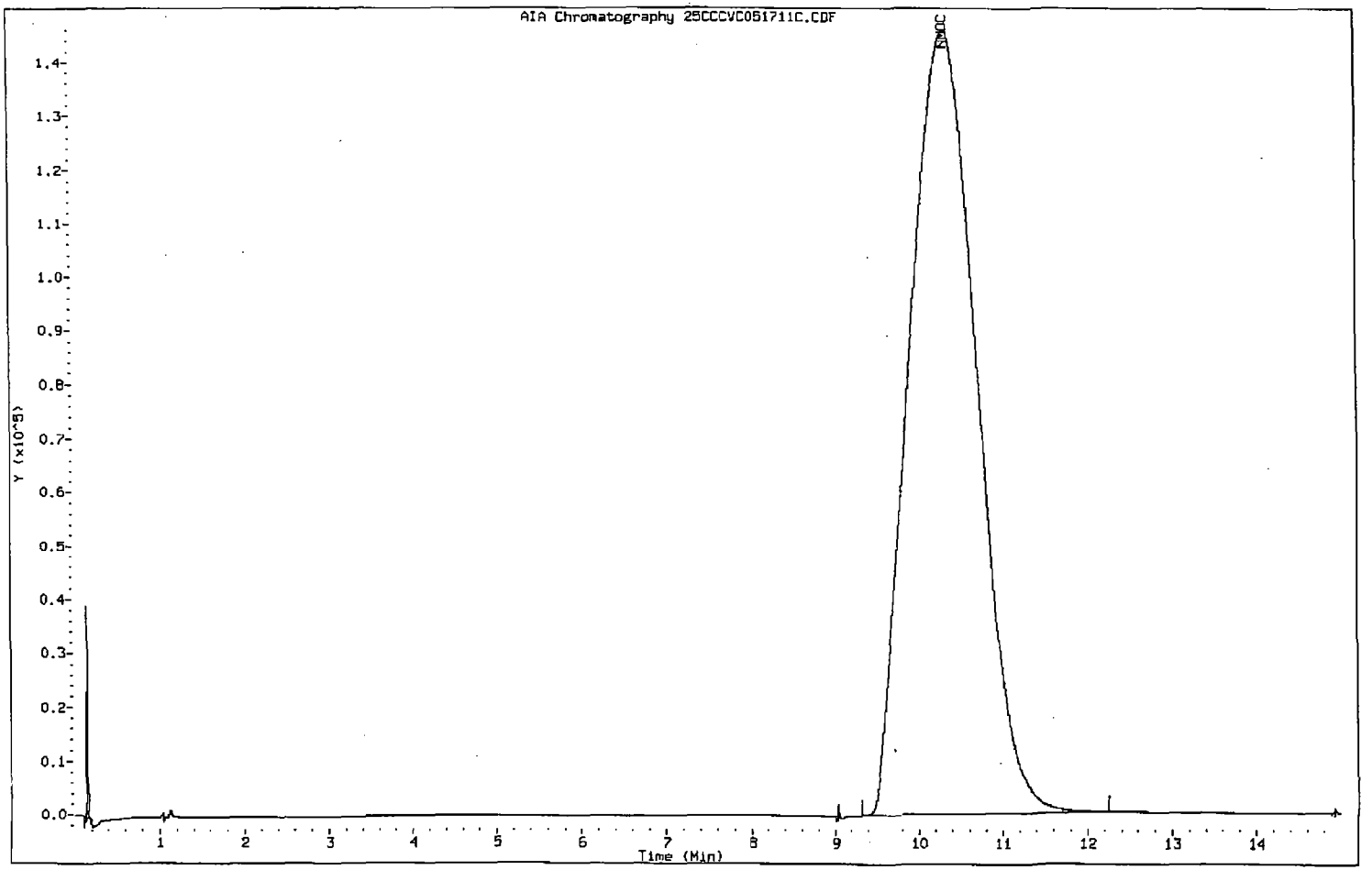
Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CCCVC051711A.d
Lab Smp Id: 25CCCVC051711 Client Smp ID: 25CCCVC051711
Inj Date : 18-MAY-2011 07:45
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCVC051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:45 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

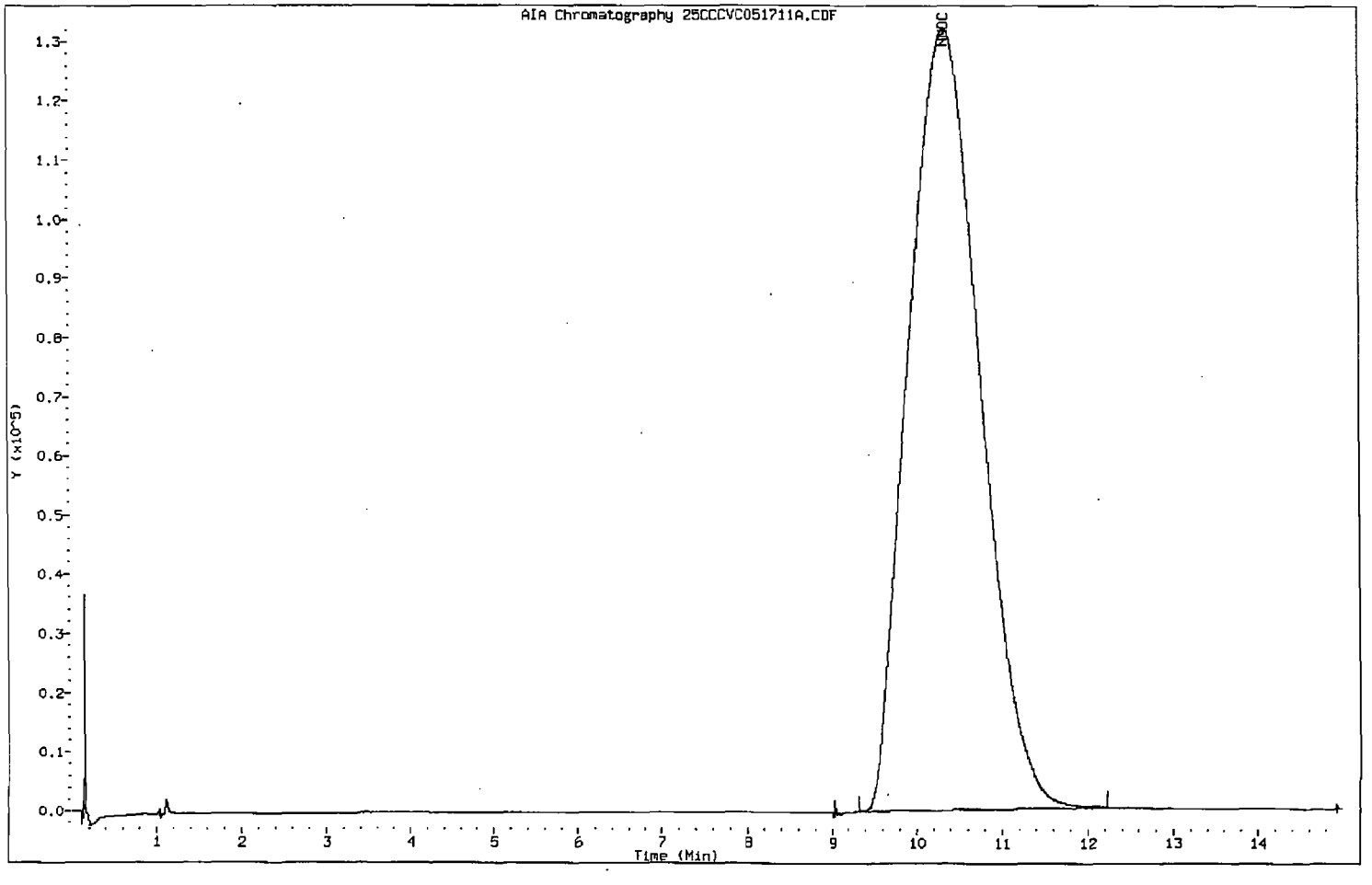
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	10.335	10.262	0.073	7654321	750.000	690

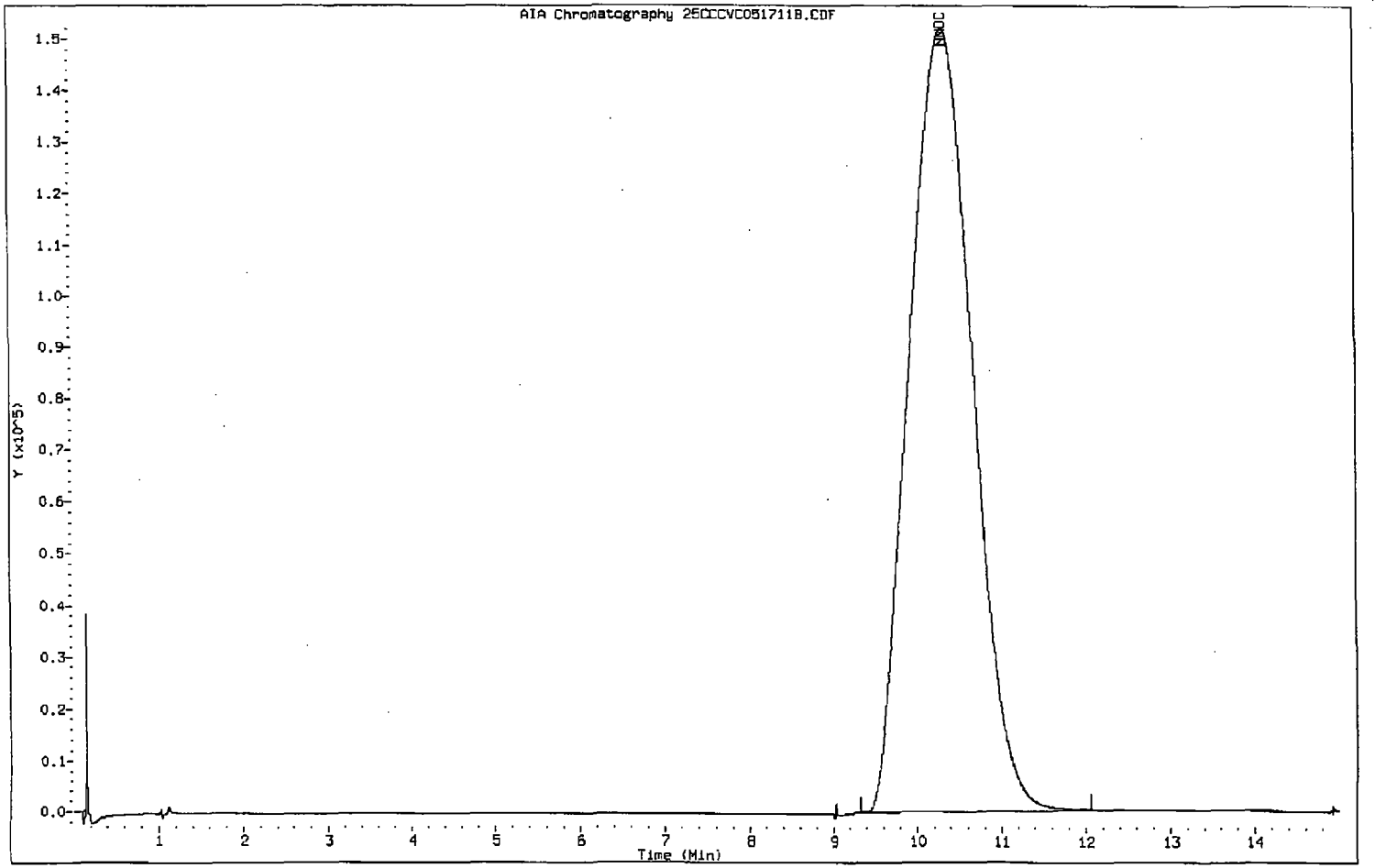
Data File:	25CCCVC051711C.d	Date:	18-MAY-2011 08:16
Client ID:	25CCCVC051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCVC051711,1		
Lab Sample ID:	25CCCVC051711		



Data File:	25CCCVC051711A.d	Date:	18-MAY-2011 07:45
Client ID:	25CCCVC051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCVC051711,1		
Lab Sample ID:	25CCCVC051711		



Data File:	25CCCVC051711B.d	Date:	18-MAY-2011 08:00
Client ID:	25CCCVC051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCVC051711,1		
Lab Sample ID:	25CCCVC051711		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-18119/3

Matrix: Air Lab File ID: MB051711A.d-avg

Analysis Method: EPA 25C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 11:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18119 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	6.0	U	6.0	6.0

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/MB051711A.d
Lab Smp Id: MB051711 Client Smp ID: MB051711
Inj Date : 17-MAY-2011 11:44
Operator : MRV Inst ID: 0001_2.i
Smp Info : MB051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/MB051711B.d
Lab Smp Id: MB051711 Client Smp ID: MB051711
Inj Date : 17-MAY-2011 11:59
Operator : MRV Inst ID: 0001_2.i
Smp Info : MB051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/MB051711C.d
Lab Smp Id: MB051711 Client Smp ID: MB051711
Inj Date : 17-MAY-2011 12:15
Operator : MRV Inst ID: 0001_2.i
Smp Info : MB051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	Compound Not Detected.					

Processing 3C data for files:
v:\mb051711a.txt
v:\mb051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Processing 25C data for files:
w:\mb051711a.txt
w:\mb051711b.txt
w:\mb051711c.txt

Raw Results - NMOC

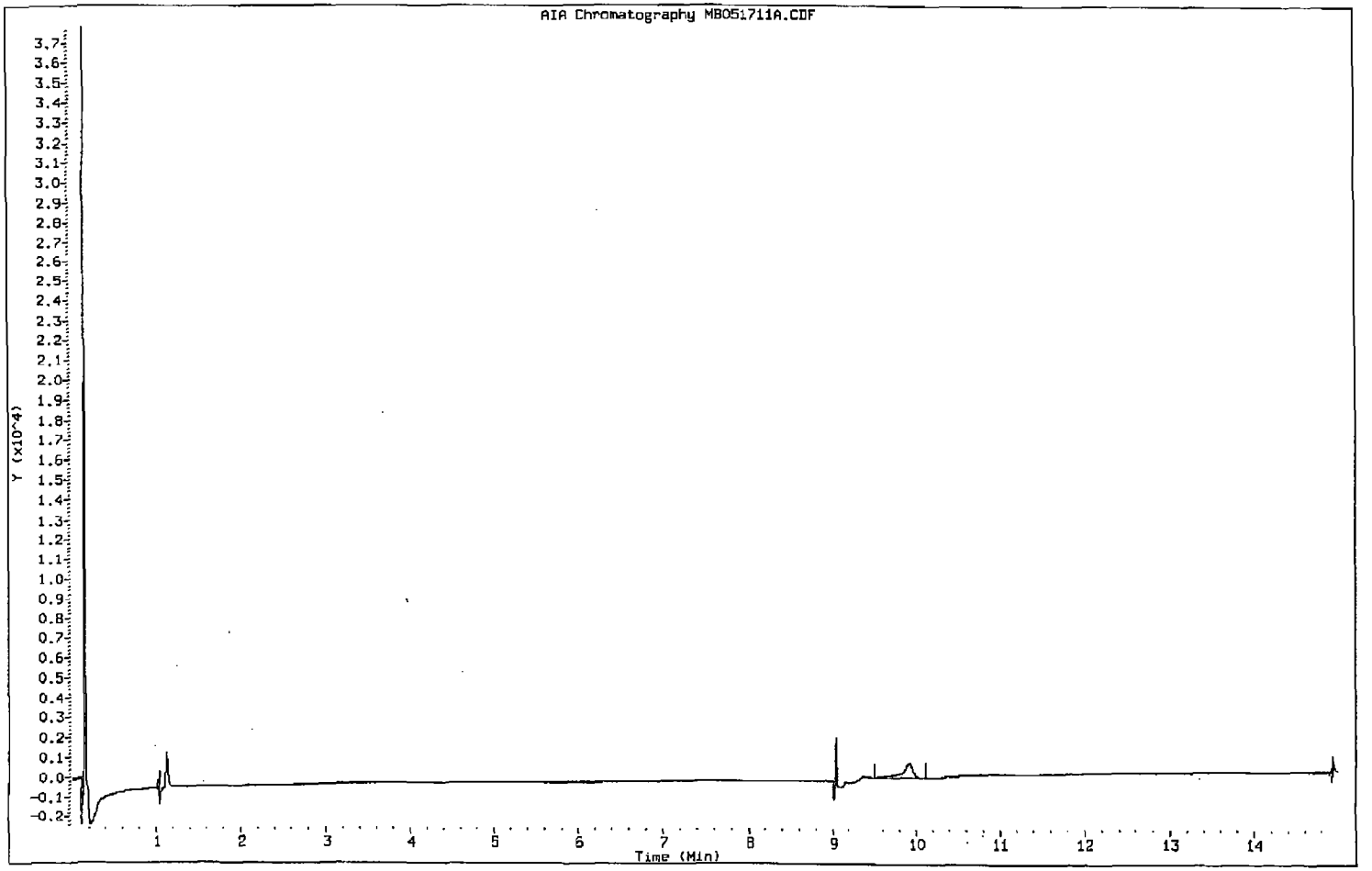
Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	0	0	0	0	0

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	0	0	0	0	0

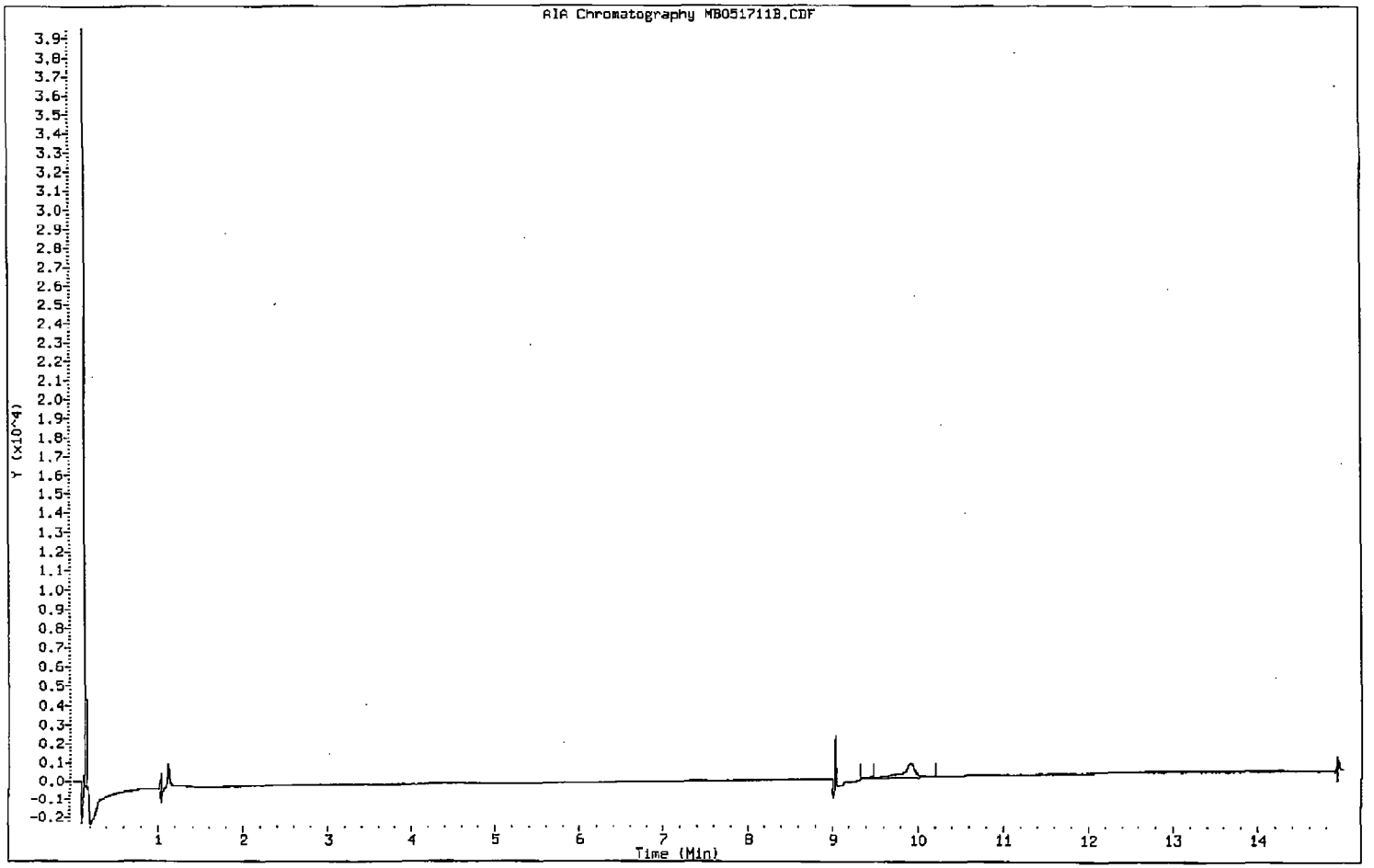
NMOC Correction

NMOC correction not requested, NMOC correction not applied

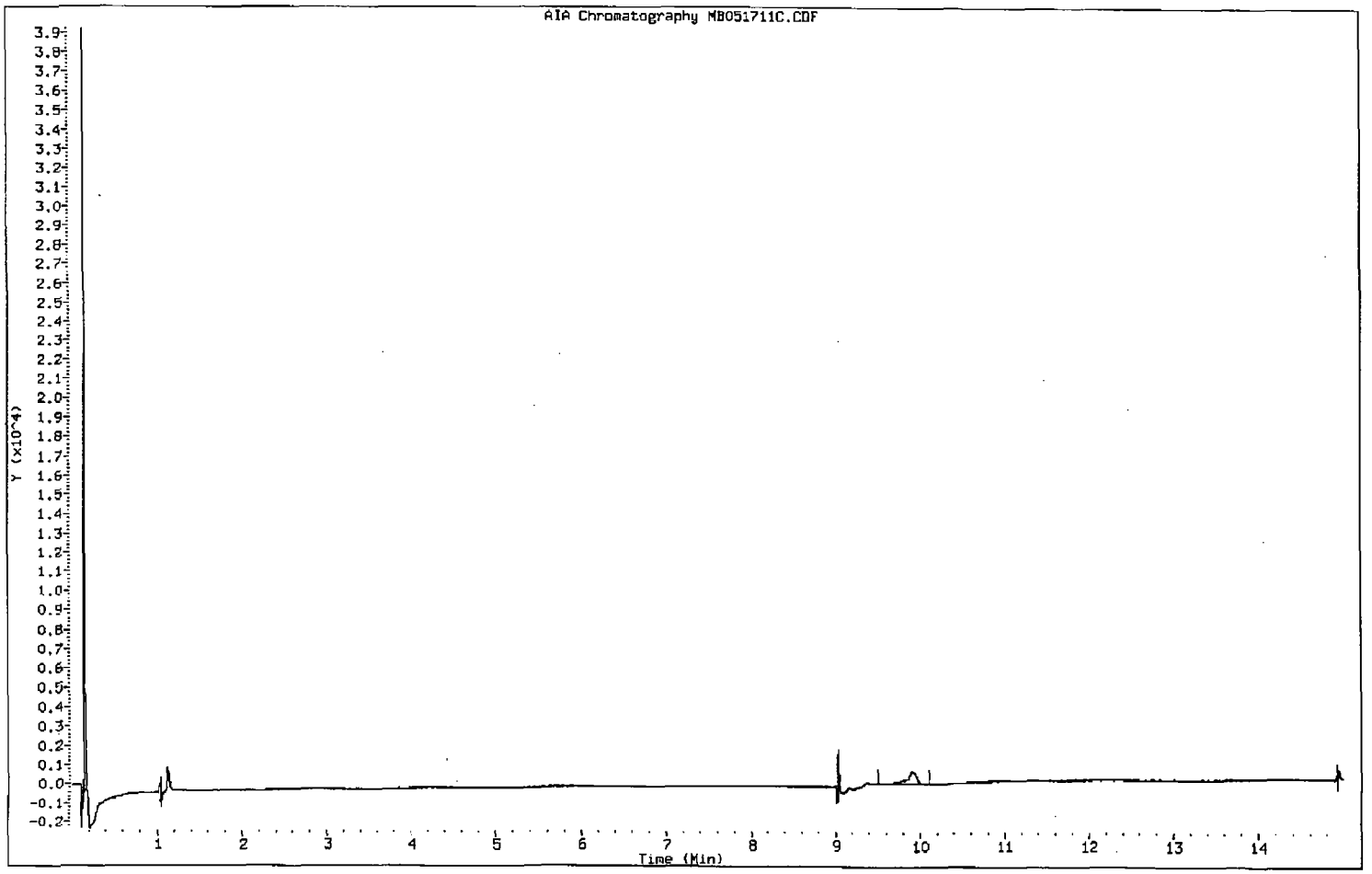
Data File:	MB051711A.d	Date:	17-MAY-2011 11:44
Client ID:	MB051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	MB051711,1		
Lab Sample ID:	MB051711		



Data File:	MB051711B.d	Date:	17-MAY-2011 11:59
Client ID:	MB051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	MB051711,1		
Lab Sample ID:	MB051711		



Data File:	MB051711C.d	Date:	17-MAY-2011 12:15
Client ID:	MB051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	MB051711,1		
Lab Sample ID:	MB051711		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 200-18119/2

Matrix: Air Lab File ID: 25CLCS051711A.d-avg

Analysis Method: EPA 25C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/17/2011 10:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 18119 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	716		6.0	6.0

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CLCS051711A.d
Lab Smp Id: 25CLCS051711 Client Smp ID: 25CLCS051711
Inj Date : 17-MAY-2011 10:49
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CLCS051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	10.265	10.262	0.003	7756320	696.941	700

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CLCS051711B.d
Lab Smp Id: 25CLCS051711 Client Smp ID: 25CLCS051711
Inj Date : 17-MAY-2011 11:05
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CLCS051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	10.323	10.262	0.061	7941359	713.568	710

TestAmerica Burlington

Data file : /var/chem/0001_2.i/17MAY11NMOC.b/25CLCS051711C.d
Lab Smp Id: 25CLCS051711 Client Smp ID: 25CLCS051711
Inj Date : 17-MAY-2011 11:21
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CLCS051711,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/17MAY11NMOC.b/NMOC_NBSt.m
Meth Date : 18-May-2011 08:18 mrv Quant Type: ESTD
Cal Date : 27-APR-2011 12:08 Cal File: ICRTC.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	10.308	10.262	0.046	8215358	738.188	740

Processing 3C data for files:
v:\3clcs051711a.txt
v:\3clcs051711b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1775428	1754656	1765042	1.18
Oxygen	1394491	1386303	1390397	0.59
Nitrogen	1908754	1894921	1901837.5	0.73
Methane	1210964	1204943	1207953.5	0.5

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.15	5.09	5.12	1.18
Oxygen	3.74	3.72	3.73	0.59
Nitrogen	4.83	4.8	4.82	0.73
Methane	4.01	3.99	4	0.5

Processing 25C data for files:
w:\25clcs051711a.txt
w:\25clcs051711b.txt
w:\25clcs051711c.txt

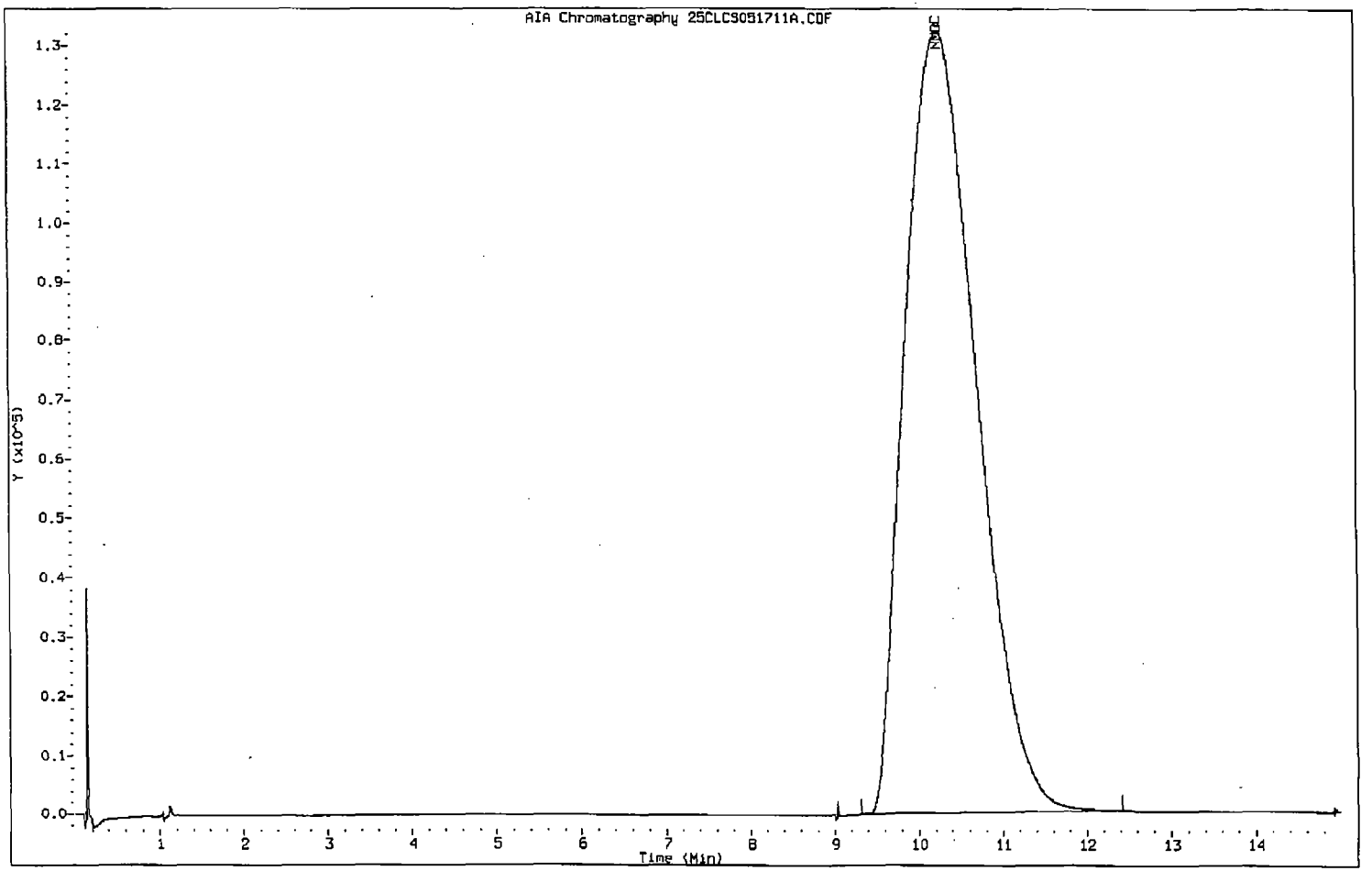
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	7756320	7941359	8215358	7971012.33	2.9

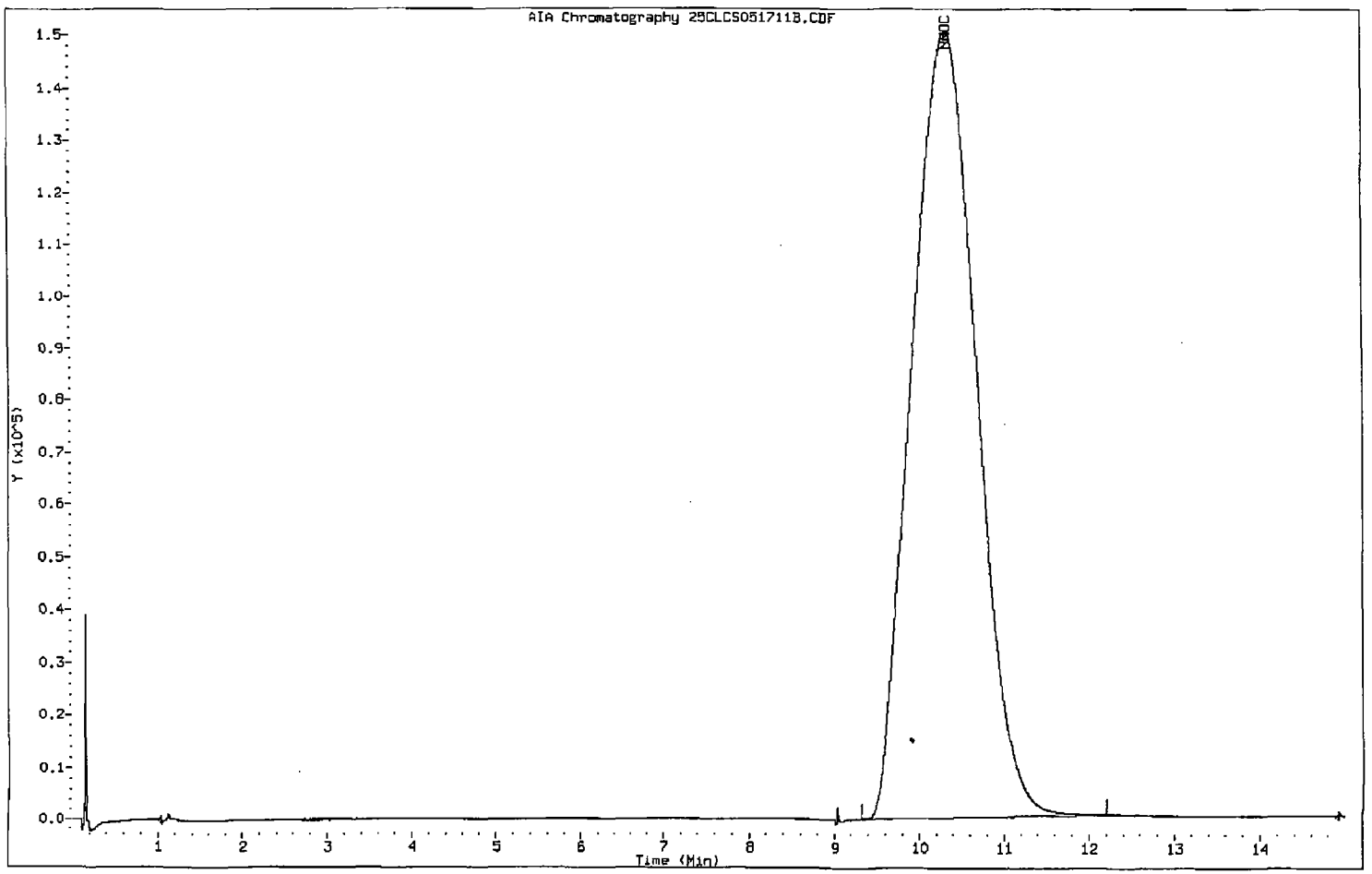
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	696.94	713.57	738.19	716.23	2.9

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

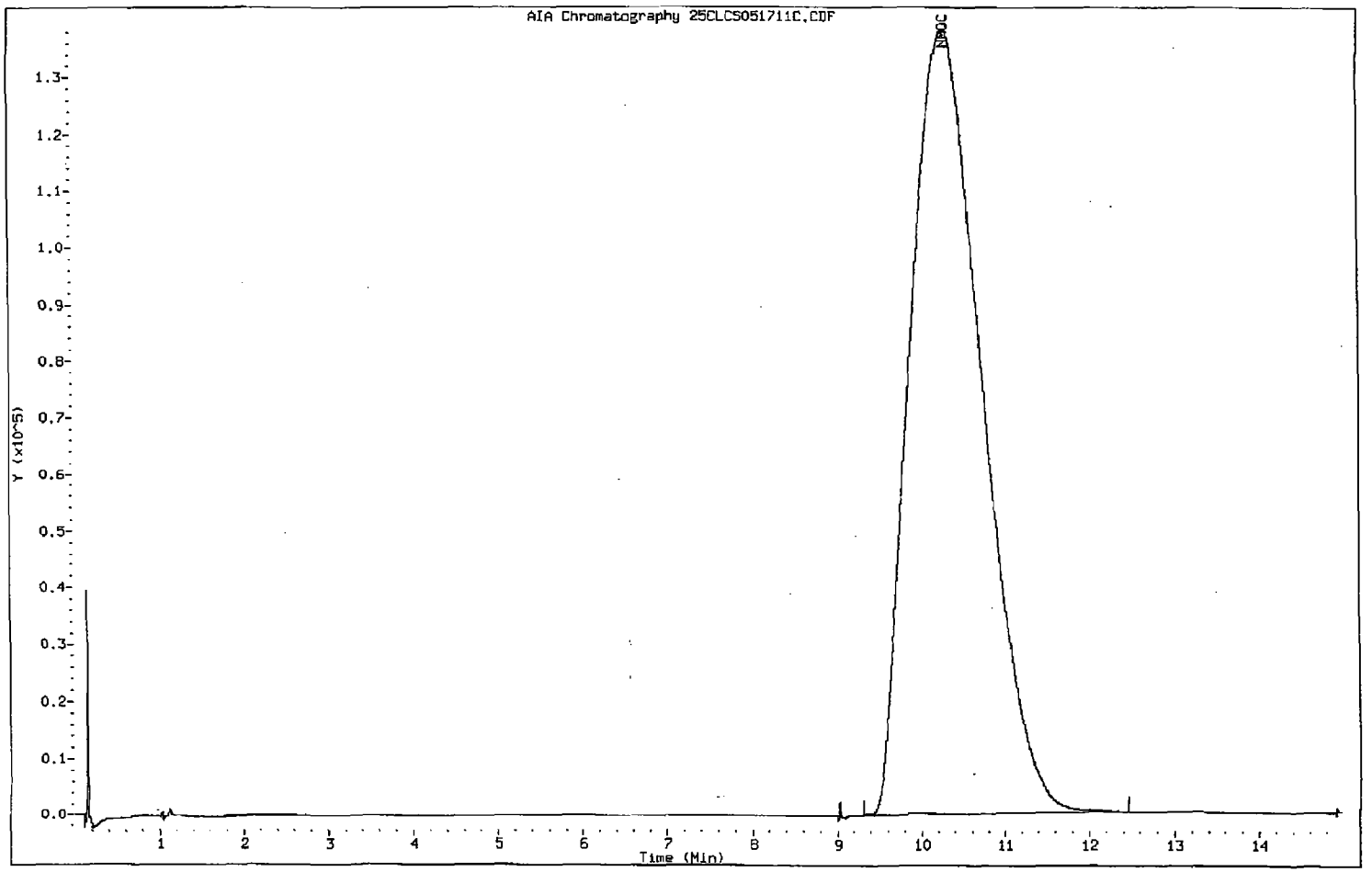
Data File:	25CLCS051711A.d	Date:	17-MAY-2011 10:49
Client ID:	25CLCS051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CLCS051711,1		
Lab Sample ID:	25CLCS051711		



Data File:	25CLCS051711B.d	Date:	17-MAY-2011 11:05
Client ID:	25CLCS051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CLCS051711,1		
Lab Sample ID:	25CLCS051711		



Data File:	25CLCS051711C.d	Date:	17-MAY-2011 11:21
Client ID:	25CLCS051711	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CLCS051711,1		
Lab Sample ID:	25CLCS051711		



AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	27APR11NMOC	4/27/11	1049	4/28/11	1049	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11-14NMO3C	27APR113C	04/27/11	1521	4/28/11	1521	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID		Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
1049	IC1	A	NA			4	NA		✓		MW	138492
1105		B							✓			"
1121		C							✓			"
1137	ICRT	A				5			✓			138491
1152		B							✓			"
1208		C							✓			"
1224	IC3	A				6			✓			138490
1240		B							✓			"
1256		C							✓			"
1312	ICV	A				5			✓			138505
1328		B							✓			
1344		C							✓			
1400	LCS	A							✓			
1416		B							✓			
1432		C							✓			
1521	3CLCV042711	A				2				✓		118608
1537		B								✓		"
1557	3CLCS042711A					2				✓		118624
1613		B								✓		"
1636	MB042711	A				16	NA		✓	-		Use A,B for 3C
1652		B							✓	-		
1708		C							✓	-		
1724	320-4727-A-1	A	1428-SALEM-041311	NA	4280	4	2.19		✓	✓		Use A, B for 3C
1739		B							✓	✓		
1755		C							✓	-		
1811	320-4859-A-1	A	PV-2		3848	5	1.91			✓		Use A, B for 3C
1827		B								✓		
1843		C								—		

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11 NMOC	27APR11NMOC	04/27/11	1049	04/28/11	1049	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varian 3800	R	3C	11JUN1136	27APR1136	04/27/11	1521	04/28/11	1521	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability
0741	3CCCVC04271IA	MA		MA	3	NA			✓	MW	~~138491~~ 118008 MW 4/28/11
0757	1 B			1	1	NA			✓	1	1
0820	25CCCVC04271IA			1	5	1		✓		1	138491
0836	1 B			1	1	1		✓		1	1
0851	1 C			1	1	1		✓		1	1

MW 4/28/11

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN03C	17MAY113C	05/17/11	0755	5/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability
0755	3CCCV051711A	NA			2	NA			✓	MN	118008
0811	B								✓		
0839	3CLCS051711A								✓		118024
0855	B								✓		
0928	25CCCV051711 A				4			↓			138491
0944	B							✓			
1000	C							✓			
1027	D							✓			
1049	25CLCS051711	A			5			✓			138505
1108		B						✓			
1129		C						✓			
1146	MB051711 A				16			✓	—		
1156	B							✓	—		
1215	C							—	—		
1243	2W-5078-A-1 A	EXT-1		5142	4	1.63			—		use B,C for 3C
1259	B								✓		
1315	C								✓		
1331	2W-5182-A-1 A	VLF#5		5025	5	1.66			✓		use A,B for 3C
1347	B								✓		
1402	C								—		
1418	A-2A	VLF#6		4786	6	1.73			—		Use B,C for 3C
1434	B								✓		
1450	C								✓		
1506	A-3A	VLF#7		4348	7	1.72			✓		Use A,B for 3C
1522	B								✓		
1538	C								—		
0701	3CCCVC051711A	NA			3	NA					118008
0717	B										

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN103C	17MAY113C	05/17/11	0755	05/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0745	25CCCVC051711A	M		-	5	MA		✓		MRW	138491
0810	B							✓			
0816	C							✓			

MRW 5/18/11

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

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AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Instrument ID: 0001.i Start Date: 04/27/2011 10:49

Analysis Batch Number: 17168 End Date: 04/28/2011 08:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 200-17168/1		04/27/2011 10:49	1	IC1A.d-avg	Carbo/Unibeads 2(mm)
ICRT 200-17168/3		04/27/2011 11:37	1	ICRTA.d-avg	Carbo/Unibeads 2(mm)
IC 200-17168/2		04/27/2011 12:24	1	IC3A.d-avg	Carbo/Unibeads 2(mm)
ICV 200-17168/4		04/27/2011 13:39	1	ICVA.d-avg	Carbo/Unibeads 2(mm)
ZZZZZ		04/27/2011 14:27	1		Carbo/Unibeads 2(mm)
ZZZZZ		04/27/2011 16:36	1		Carbo/Unibeads 2(mm)
ZZZZZ		04/27/2011 17:24	2.19		Carbo/Unibeads 2(mm)
CCVC 200-17168/8		04/28/2011 08:20	1		Carbo/Unibeads 2(mm)

AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-5182-1

SDG No.:

Instrument ID: 0001.i Start Date: 05/17/2011 09:28

Analysis Batch Number: 18119 End Date: 05/18/2011 07:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 200-18119/1		05/17/2011 09:28	1	25CCCV051711A.d -avg	Carbo/Unibeads 2(mm)
LCS 200-18119/2		05/17/2011 10:49	1	25CLCS051711A.d -avg	Carbo/Unibeads 2(mm)
MB 200-18119/3		05/17/2011 11:44	1	MB051711A.d-avg	Carbo/Unibeads 2(mm)
ZZZZZ		05/17/2011 12:43	1.63		Carbo/Unibeads 2(mm)
200-5182-1	VLF # 5	05/17/2011 13:31	1.66	200-5182-A-1A.d -avg	Carbo/Unibeads 2(mm)
200-5182-2	VLF # 6	05/17/2011 14:18	1.73	200-5182-A-2A.d -avg	Carbo/Unibeads 2(mm)
200-5182-3	VLF # 7	05/17/2011 15:06	1.72	200-5182-A-3A.d -avg	Carbo/Unibeads 2(mm)
CCVC 200-18119/8		05/18/2011 07:45	1	25CCCVC051711A. d-avg	Carbo/Unibeads 2(mm)

Post-Sampling Air Canister Pressure Check Record

SCS Engineers	200-5182	5/16/11	21:18	29.5	22	G4	DPD

(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		- ID for all: 4FLZ3 - theirs?
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

1	5025	-5.2	N	4FLZ3	N	4351 CJUD	
2	4786	-5.7	"	"	"	2899 GFIE	
3	4348	-5.7	"	"	"	4351 CJUD	

DPD 5/16/11

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # _____

Summa Canister Dilution Worksheet

Client: SCS Engineers

TestAmerica Job ID: 200-5182-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-5182-1	6	-5.7	0.81	4.86	5.0	1.34	8.04	1.66	1.66	05/17/11 10:21	Veilleux, Michael R
200-5182-2	6	-6.4	0.79	4.72	5.3	1.36	8.16	1.73	1.73	05/17/11 10:22	Veilleux, Michael R
200-5182-3	6	-6.4	0.79	4.72	5.2	1.35	8.12	1.72	1.72	05/17/11 10:22	Veilleux, Michael R

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)
Vol = Volume of SUMMA canister at atmospheric pressure

Pre-Shipment Clean Canister Certification Report

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test			
System ID	# Cycles	Cleaning Date	Technician
TOPRALK	10	4/19/11	SML

Canister Size: (6L) 1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3457	-29.1	-29.4	-29.4	0.0
2	3232				
3	2871				
4	4875				
5	3790				
6	3160				
7	2899				
8	4085				
9	2592				
10	4275				
11	5063				
12	4786				

Initial Reading		Final Reading	
Gauge ID:	G1	Gauge ID:	G1
Date:	4/20/11	Date:	4/25/11
Time:	1000	Time:	1200
Tech:	UP	Tech:	SM
BP:	29.3 ("Hg)	BP:	29.6 ("Hg)
Temp	22 (°C)	Temp:	22 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
2899	4/22/11	GFIE	WMD		✓				04/25/11	KLP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

200-4766-A-7
2899
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 4/19/2011 12:00 AM 200-135264

BR-FAI023:10.19.09:7
TestAmerica

Loc: 200
4766
#7
A

Pre-Shipment Clean Canister Certification Report

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size
TOP	10	4/28/11	UP	(6L) 1L 3L

Leak Test

Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	4381	-29.0	-29.5	-29.5	0.0
2	4458				
3	4811				
4	5025				
5	5146				
6	4546				
7	2970				
8	2985				
9	4348				
10	4351				
11	3381				
12	4909	↓	↓	↓	↓

Initial Reading		Final Reading	
Gauge ID:	G1	Gauge ID:	G1
Date:	4/29/11	Date:	5/2/11
Time:	0930	Time:	1350
Tech:	UP	Tech:	SN
BP:	29.2 ("Hg)	BP:	29.7 ("Hg)
Temp	22 (°C)	Temp:	22 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to ± 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2]To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3]To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review Date	Reviewer
4351	4/29/11	CJUA	PAD		✓				05/03/11	JRO

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Loc: 200
4930
#10
A

200-4930-A-10
BR-F4 4351
TestAr Location: Air-Storage
Bottle: Summa Canister 6L 200-139728
Sampled: 4/28/2011 12:00 AM

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gfie006.d

Lab ID: LCS 200-16922/6 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	8.95	90	70-130	
Dichlorodifluoromethane	10.0	9.26	93	70-130	
Freon 22	10.0	9.30	93	70-130	
1,2-Dichlorotetrafluoroethane	10.0	9.46	95	70-130	
Chloromethane	10.0	9.60	96	70-130	
n-Butane	10.0	9.33	93	70-130	
Vinyl chloride	10.0	9.59	96	70-130	
1,3-Butadiene	10.0	10.0	100	70-130	
Bromomethane	10.0	9.13	91	70-130	
Chloroethane	10.0	9.51	95	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.0	100	70-130	
Trichlorofluoromethane	10.0	9.39	94	70-130	
Ethanol	15.0	14.7	98	70-130	
Freon TF	10.0	10.5	105	70-130	
1,1-Dichloroethene	10.0	10.9	109	70-130	
Acetone	10.0	10.7	107	70-130	
Isopropyl alcohol	10.0	9.40	94	70-130	
Carbon disulfide	10.0	9.94	99	70-130	
3-Chloropropene	10.0	9.98	100	70-130	
Methylene Chloride	10.0	10.3	103	70-130	
tert-Butyl alcohol	10.0	9.15	92	70-130	
Methyl tert-butyl ether	10.0	9.92	99	70-130	
trans-1,2-Dichloroethene	10.0	9.79	98	70-130	
n-Hexane	10.0	9.86	99	70-130	
1,1-Dichloroethane	10.0	9.69	97	70-130	
Vinyl acetate	10.0	10.1	101	70-130	
Ethyl acetate	10.0	10.2	102	70-130	
Methyl Ethyl Ketone	10.0	9.96	100	70-130	
cis-1,2-Dichloroethene	10.0	9.94	99	70-130	
Chloroform	10.0	9.54	95	70-130	
Tetrahydrofuran	10.0	9.97	100	70-130	
1,1,1-Trichloroethane	10.0	9.40	94	70-130	
Cyclohexane	10.0	9.70	97	70-130	
Carbon tetrachloride	10.0	9.33	93	70-130	
2,2,4-Trimethylpentane	10.0	9.60	96	70-130	
Benzene	10.0	9.43	94	70-130	
1,2-Dichloroethane	10.0	9.24	92	70-130	
n-Heptane	10.0	9.54	95	70-130	
Trichloroethene	10.0	9.28	93	70-130	
Methyl methacrylate	10.0	9.74	97	70-130	
1,2-Dichloropropane	10.0	9.24	92	70-130	
1,4-Dioxane	10.0	8.45	85	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Matrix: Air Level: Low Lab File ID: gfie006.d

Lab ID: LCS 200-16922/6 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	9.70	97	70-130	
cis-1,3-Dichloropropene	10.0	9.43	94	70-130	
methyl isobutyl ketone	10.0	9.63	96	70-130	
Toluene	10.0	9.15	92	70-130	
trans-1,3-Dichloropropene	10.0	9.34	93	70-130	
1,1,2-Trichloroethane	10.0	8.79	88	70-130	
Tetrachloroethene	10.0	9.03	90	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.39	94	70-130	
Dibromochloromethane	10.0	9.96	100	70-130	
1,2-Dibromoethane	10.0	9.19	92	70-130	
Chlorobenzene	10.0	9.09	91	70-130	
Ethylbenzene	10.0	9.33	93	70-130	
m,p-Xylene	20.0	18.7	94	70-130	
Xylene, o-	10.0	9.20	92	70-130	
Styrene	10.0	9.91	99	70-130	
Bromoform	10.0	10.3	103	70-130	
Cumene	10.0	9.53	95	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.09	91	70-130	
n-Propylbenzene	10.0	9.74	97	70-130	
4-Ethyltoluene	10.0	10.0	100	70-130	
1,3,5-Trimethylbenzene	10.0	9.52	95	70-130	
2-Chlorotoluene	10.0	9.59	96	70-130	
tert-Butylbenzene	10.0	9.68	97	70-130	
1,2,4-Trimethylbenzene	10.0	9.51	95	70-130	
sec-Butylbenzene	10.0	9.85	98	70-130	
4-Isopropyltoluene	10.0	10.1	101	70-130	
1,3-Dichlorobenzene	10.0	9.69	97	70-130	
1,4-Dichlorobenzene	10.0	9.74	97	70-130	
Benzyl chloride	10.0	10.1	101	70-130	
n-Butylbenzene	10.0	10.7	107	70-130	
1,2-Dichlorobenzene	10.0	9.37	94	70-130	
1,2,4-Trichlorobenzene	10.0	7.96	80	70-130	
Hexachlorobutadiene	10.0	9.46	95	70-130	
Naphthalene	10.0	8.13	81	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cjud003.d

Lab ID: LCS 200-17234/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	9.12	91	70-130	
Dichlorodifluoromethane	10.0	9.95	99	70-130	
Freon 22	10.0	9.83	98	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.1	101	70-130	
Chloromethane	10.0	9.69	97	70-130	
n-Butane	10.0	9.83	98	70-130	
Vinyl chloride	10.0	10.2	102	70-130	
1,3-Butadiene	10.0	10.3	103	70-130	
Bromomethane	10.0	9.89	99	70-130	
Chloroethane	10.0	9.90	99	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.4	104	70-130	
Trichlorofluoromethane	10.0	9.69	97	70-130	
Ethanol	15.0	16.6	111	70-130	
Freon TF	10.0	10.8	108	70-130	
1,1-Dichloroethene	10.0	10.9	109	70-130	
Acetone	10.0	11.2	112	70-130	
Isopropyl alcohol	10.0	11.1	111	70-130	
Carbon disulfide	10.0	10.3	103	70-130	
3-Chloropropene	10.0	9.65	97	70-130	
Methylene Chloride	10.0	10.3	103	70-130	
tert-Butyl alcohol	10.0	11.8	118	70-130	
Methyl tert-butyl ether	10.0	10.6	106	70-130	
trans-1,2-Dichloroethene	10.0	9.86	99	70-130	
n-Hexane	10.0	9.66	97	70-130	
1,1-Dichloroethane	10.0	9.87	99	70-130	
Vinyl acetate	10.0	10.3	104	70-130	
Ethyl acetate	10.0	11.1	111	70-130	
Methyl Ethyl Ketone	10.0	10.8	108	70-130	
cis-1,2-Dichloroethene	10.0	10.3	103	70-130	
Chloroform	10.0	9.69	97	70-130	
Tetrahydrofuran	10.0	10.7	107	70-130	
1,1,1-Trichloroethane	10.0	10.0	101	70-130	
Cyclohexane	10.0	10.3	103	70-130	
Carbon tetrachloride	10.0	10.0	100	70-130	
2,2,4-Trimethylpentane	10.0	10.0	100	70-130	
Benzene	10.0	9.85	99	70-130	
1,2-Dichloroethane	10.0	9.91	99	70-130	
n-Heptane	10.0	9.60	96	70-130	
Trichloroethene	10.0	9.99	100	70-130	
Methyl methacrylate	10.0	10.9	109	70-130	
1,2-Dichloropropane	10.0	9.65	96	70-130	
1,4-Dioxane	10.0	10.5	105	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cjud003.d

Lab ID: LCS 200-17234/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	10.2	102	70-130	
cis-1,3-Dichloropropene	10.0	9.73	97	70-130	
methyl isobutyl ketone	10.0	11.0	110	70-130	
Toluene	10.0	9.74	97	70-130	
trans-1,3-Dichloropropene	10.0	9.91	99	70-130	
1,1,2-Trichloroethane	10.0	9.53	95	70-130	
Tetrachloroethene	10.0	9.83	98	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.8	108	70-130	
Dibromochloromethane	10.0	10.5	105	70-130	
1,2-Dibromoethane	10.0	9.69	97	70-130	
Chlorobenzene	10.0	9.72	97	70-130	
Ethylbenzene	10.0	10.1	101	70-130	
m,p-Xylene	20.0	20.3	101	70-130	
Xylene, o-	10.0	10.0	100	70-130	
Styrene	10.0	10.3	103	70-130	
Bromoform	10.0	10.3	103	70-130	
Cumene	10.0	10.4	104	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.68	97	70-130	
n-Propylbenzene	10.0	10.4	104	70-130	
4-Ethyltoluene	10.0	10.6	106	70-130	
1,3,5-Trimethylbenzene	10.0	10.2	102	70-130	
2-Chlorotoluene	10.0	10.0	100	70-130	
tert-Butylbenzene	10.0	10.4	104	70-130	
1,2,4-Trimethylbenzene	10.0	10.1	101	70-130	
sec-Butylbenzene	10.0	10.4	104	70-130	
4-Isopropyltoluene	10.0	10.5	105	70-130	
1,3-Dichlorobenzene	10.0	9.45	95	70-130	
1,4-Dichlorobenzene	10.0	9.36	94	70-130	
Benzyl chloride	10.0	9.01	90	70-130	
n-Butylbenzene	10.0	10.4	104	70-130	
1,2-Dichlorobenzene	10.0	9.10	91	70-130	
1,2,4-Trichlorobenzene	10.0	8.40	84	70-130	
Hexachlorobutadiene	10.0	9.93	99	70-130	
Naphthalene	10.0	9.95	100	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab File ID: gfie007.d Lab Sample ID: MB 200-16922/7

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: G.i Date Analyzed: 04/22/2011 15:10

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-16922/6	gfie006.d	04/22/2011 14:19
2899	200-4766-7	gfie012.d	04/22/2011 19:32

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-16922/7

Matrix: Air Lab File ID: gfie007.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/22/2011 15:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 16922 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-16922/7

Matrix: Air Lab File ID: gfie007.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/22/2011 15:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 16922 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-16922/7

Matrix: Air Lab File ID: gfie007.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/22/2011 15:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 16922 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gfieto15.b/gfie007.d
Lab Smp Id: mb Client Smp ID: mb
Inj Date : 22-APR-2011 15:10
Operator : wrd Inst ID: G.i
Smp Info : mb
Misc Info : 200,1,mb
Comment :
Method : /chem/G.i/Gsvr.p/gfieto15.b/to15v5.m
Meth Date : 25-Apr-2011 08:54 wrd Quant Type: ISTD
Cal Date : 15-APR-2011 16:40 Cal File: gfi010.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

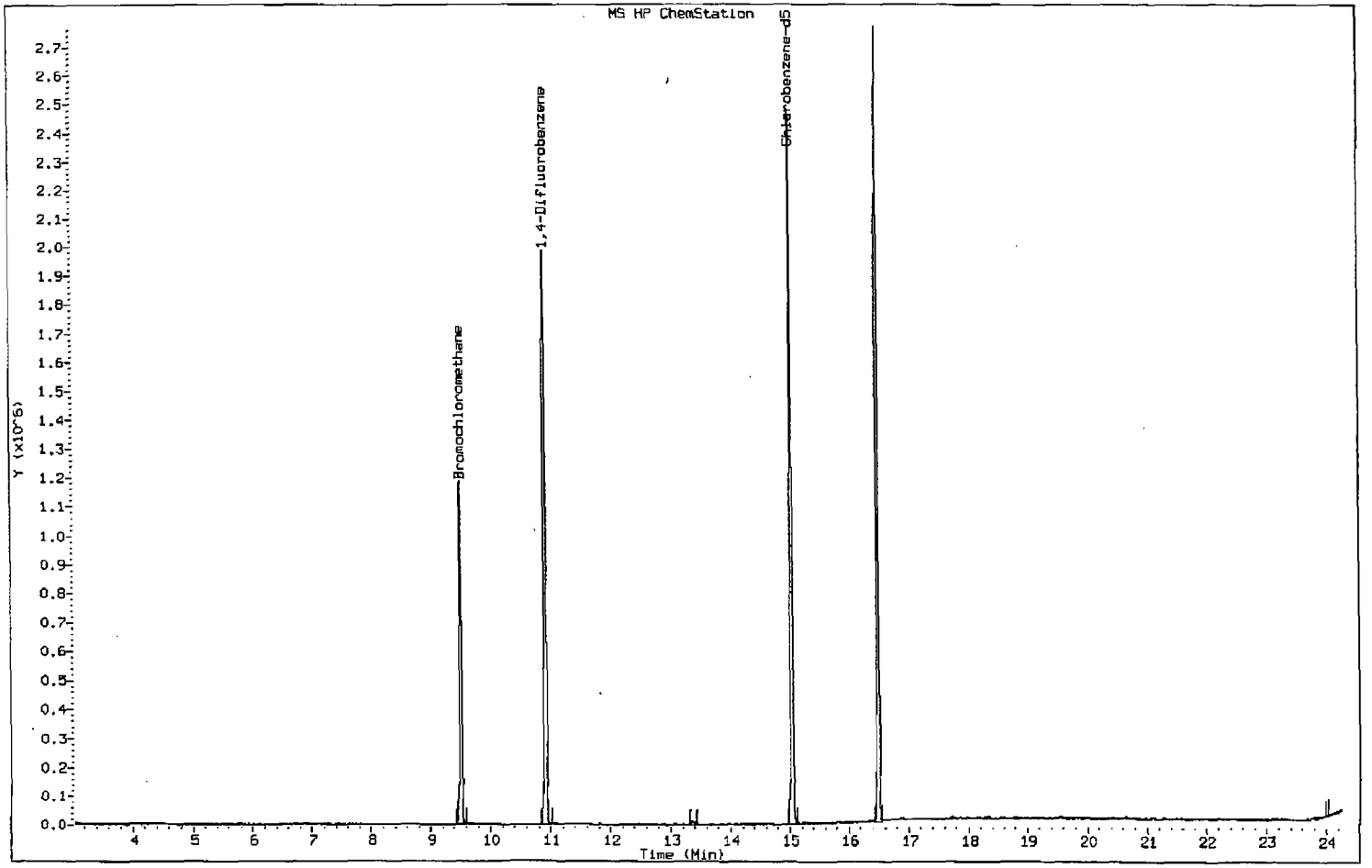
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.499	9.504	(1.000)	490178	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.901	10.911	(1.000)	2303225	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.020	15.031	(1.000)	1948065	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	67 n-Nonane	57	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76 n-Propylbenzene	91	Compound Not Detected.					
	77 1,2,3-Trichloropropane	75	Compound Not Detected.					
	78 n-Decane	57	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82 Alpha Methyl Styrene	118	Compound Not Detected.					
	83 tert-butylbenzene	119	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85 sec-Butylbenzene	105	Compound Not Detected.					
	86 4-Isopropyltoluene	119	Compound Not Detected.					
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					
	88 1,4-Dichlorobenzene	146	Compound Not Detected.					
	89 Benzyl chloride	91	Compound Not Detected.					
	90 Undecane	57	Compound Not Detected.					
	91 n-Butylbenzene	91	Compound Not Detected.					
	92 1,2-Dichlorobenzene	146	Compound Not Detected.					
	93 Dodecane	57	Compound Not Detected.					
	94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96 Naphthalene	128	Compound Not Detected.					
	97 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

Data File:	gfie007.d	Date:	22-APR-2011 15:10
Client ID:	mb	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab File ID: cjud004.d Lab Sample ID: MB 200-17234/4

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: C.i Date Analyzed: 04/28/2011 15:05

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-17234/3	cjud003.d	04/28/2011 13:48
4351	200-4930-10	cjud027.d	04/29/2011 10:35

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-17234/4

Matrix: Air Lab File ID: cjud004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/28/2011 15:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 17234 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-17234/4

Matrix: Air Lab File ID: cjud004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/28/2011 15:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 17234 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-17234/4

Matrix: Air Lab File ID: cjud004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 04/28/2011 15:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 17234 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cjudto15.b/cjud004.d
Lab Smp Id: mb Client Smp ID: mb
Inj Date : 28-APR-2011 15:05
Operator : pad Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cjudto15.b/to15v5.m
Meth Date : 29-Apr-2011 11:01 pd Quant Type: ISTD
Cal Date : 22-APR-2011 18:51 Cal File: cju012.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					

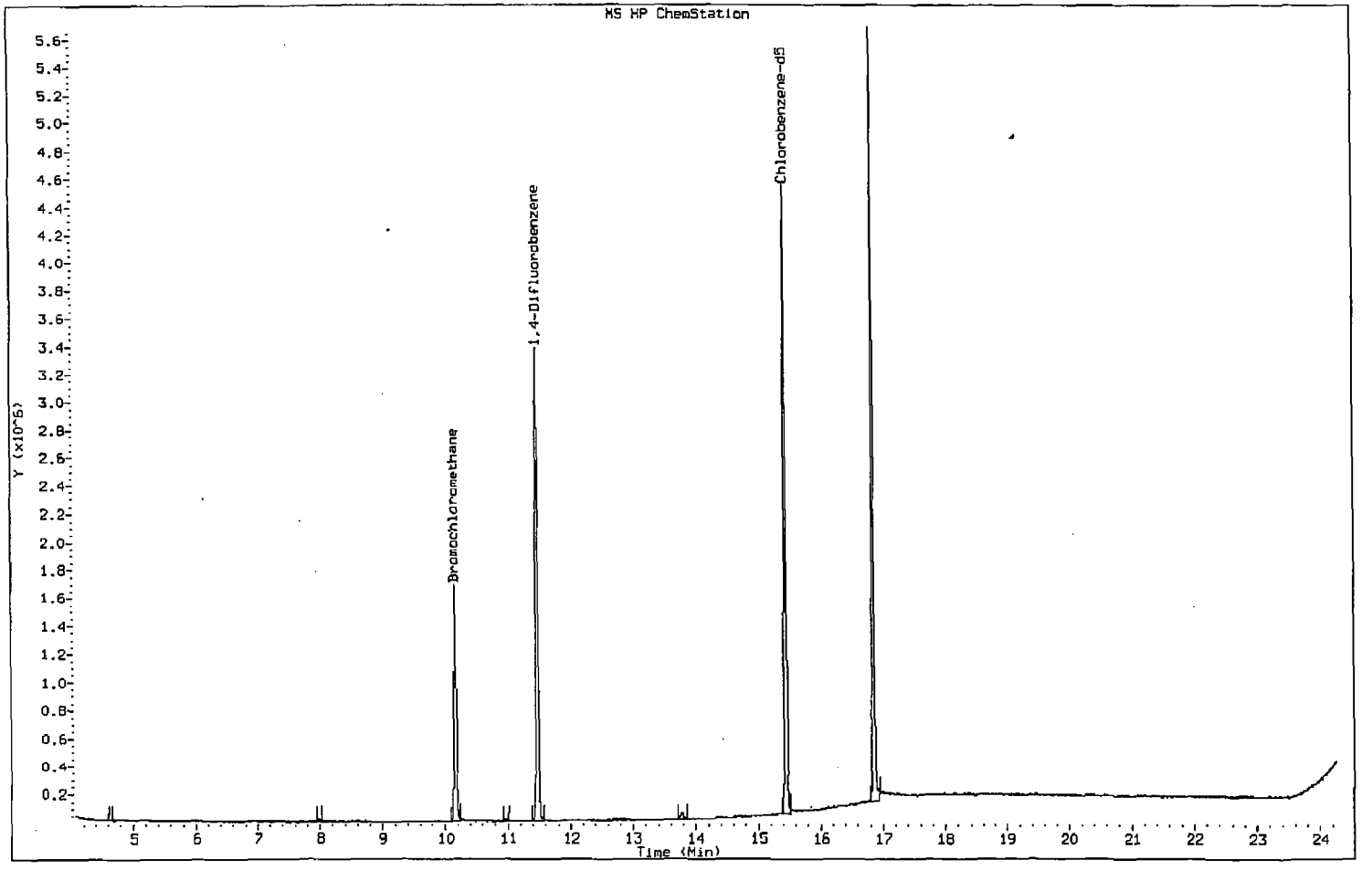
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.330	7.314	(0.721)	6451	0.06960	0.070(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	7.992	7.997	(0.786)	5889	0.07972	0.080(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.164	10.174	(1.000)	655125	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	10.970	10.975	(0.956)	10859	0.04661	0.047(a)
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	11.471	11.477	(1.000)	3551151	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	15.442	15.447	(1.000)	3112831	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	cjud004.d	Date:	28-APR-2011 15:05
Client ID:	mb	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab File ID: gfi001.d BFB Injection Date: 04/15/2011

Instrument ID: G.i BFB Injection Time: 08:57

Analysis Batch No.: 16675

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.1	
75	30.0 - 66.0% of mass 95	45.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.8	
173	Less than 2.0% of mass 174	0.4	(0.5)1
174	50.0 - 120.0% of mass 95	89.9	
175	4.0 - 9.0 % of mass 174	6.2	(6.9)1
176	93.0 - 101.0% of mass 174	87.0	(96.8)1
177	5.0 - 9.0% of mass 176	5.6	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-16675/3	gfi003.d	04/15/2011	10:42
	IC 200-16675/4	gfi004.d	04/15/2011	11:33
	IC 200-16675/5	gfi005.d	04/15/2011	12:24
	ICIS 200-16675/7	gfi007.d	04/15/2011	14:07
	IC 200-16675/8	gfi008.d	04/15/2011	14:58
	IC 200-16675/9	gfi009.d	04/15/2011	15:49
	IC 200-16675/10	gfi010.d	04/15/2011	16:40
	ICV 200-16675/12	gfi012.d	04/15/2011	18:23

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab File ID: gfie001.d BFB Injection Date: 04/22/2011

Instrument ID: G.i BFB Injection Time: 08:35

Analysis Batch No.: 16922

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	13.2	
75	30.0 - 66.0% of mass 95	44.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.4	(0.4)1
174	50.0 - 120.0% of mass 95	98.3	
175	4.0 - 9.0 % of mass 174	6.9	(7.0)1
176	93.0 - 101.0% of mass 174	94.9	(96.6)1
177	5.0 - 9.0% of mass 176	6.0	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-16922/2	gfie002.d	04/22/2011	09:27
	LCS 200-16922/6	gfie006.d	04/22/2011	14:19
	MB 200-16922/7	gfie007.d	04/22/2011	15:10
2899	200-4766-7	gfie012.d	04/22/2011	19:32

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab File ID: cju001.d BFB Injection Date: 04/22/2011

Instrument ID: C.i BFB Injection Time: 09:53

Analysis Batch No.: 16940

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	20.2	
75	30.0 - 66.0% of mass 95	52.4	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.0	(0.0)1
174	50.0 - 120.0% of mass 95	72.0	
175	4.0 - 9.0 % of mass 174	5.3	(7.4)1
176	93.0 - 101.0% of mass 174	70.1	(97.3)1
177	5.0 - 9.0% of mass 176	4.6	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-16940/6	cju006.d	04/22/2011	14:03
	IC 200-16940/7	cju007.d	04/22/2011	14:51
	IC 200-16940/8	cju008.d	04/22/2011	15:39
	ICIS 200-16940/9	cju009.d	04/22/2011	16:27
	IC 200-16940/10	cju010.d	04/22/2011	17:15
	IC 200-16940/11	cju011.d	04/22/2011	18:03
	IC 200-16940/12	cju012.d	04/22/2011	18:51
	ICV 200-16940/17	cju017.d	04/22/2011	22:51

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab File ID: cjud001.d BFB Injection Date: 04/28/2011

Instrument ID: C.i BFB Injection Time: 12:13

Analysis Batch No.: 17234

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	24.3	
75	30.0 - 66.0% of mass 95	56.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.0	(0.0)1
174	50.0 - 120.0% of mass 95	62.2	
175	4.0 - 9.0 % of mass 174	4.7	(7.6)1
176	93.0 - 101.0% of mass 174	61.0	(98.2)1
177	5.0 - 9.0% of mass 176	4.1	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-17234/2	cjud002.d	04/28/2011	13:00
	LCS 200-17234/3	cjud003.d	04/28/2011	13:48
	MB 200-17234/4	cjud004.d	04/28/2011	15:05
4351	200-4930-10	cjud027.d	04/29/2011	10:35

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Sample No.: ICIS 200-16675/7 Date Analyzed: 04/15/2011 14:07

Instrument ID: G.i GC Column: RTX-624 ID: 0.32 (mm)

Lab File ID (Standard): gfi007.d Heated Purge: (Y/N) N

Calibration ID: 5980

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		473588	9.50	1945769	10.91	1860739	15.03
UPPER LIMIT		663023	9.83	2724077	11.24	2605035	15.36
LOWER LIMIT		284153	9.17	1167461	10.58	1116443	14.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-16675/12		497130	9.50	2070213	10.91	1979961	15.03

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Sample No.: CCVIS 200-16922/2 Date Analyzed: 04/22/2011 09:27

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): gfie002.d Heated Purge: (Y/N) N

Calibration ID: 5980

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		531935	9.50	2316552	10.90	2243351	15.03
UPPER LIMIT		744709	9.83	3243173	11.23	3140691	15.36
LOWER LIMIT		319161	9.17	1389931	10.57	1346011	14.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-16922/6		524524	9.50	2252092	10.90	2206777	15.02
MB 200-16922/7		490178	9.50	2303225	10.90	1948065	15.02
200-4766-7	2899	470364	9.49	2218122	10.90	1827793	15.03

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Sample No.: ICIS 200-16940/9 Date Analyzed: 04/22/2011 16:27

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm)

Lab File ID (Standard): cju009.d Heated Purge: (Y/N) N

Calibration ID: 6091

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		455052	10.17	2513734	11.48	2334494	15.45
UPPER LIMIT		637073	10.50	3519228	11.81	3268292	15.78
LOWER LIMIT		273031	9.84	1508240	11.15	1400696	15.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-16940/17		445545	10.17	2359969	11.48	2165813	15.45

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Sample No.: CCVIS 200-17234/2 Date Analyzed: 04/28/2011 13:00

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): cjud002.d Heated Purge: (Y/N) N

Calibration ID: 6091

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		635460	10.17	3377849	11.47	3077175	15.44
UPPER LIMIT		889644	10.50	4728989	11.80	4308045	15.77
LOWER LIMIT		381276	9.84	2026709	11.14	1846305	15.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-17234/3		623888	10.17	3309275	11.47	2995313	15.45
MB 200-17234/4		655125	10.16	3551151	11.47	3112831	15.44
200-4930-10	4351	622732	10.16	3371948	11.47	3073386	15.44

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Client Sample ID: 2899 Lab Sample ID: 200-4766-7

Matrix: Air Lab File ID: gfie012.d

Analysis Method: TO-15 Date Collected: 04/19/2011 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/22/2011 19:32

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 16922 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-4766-1

SDG No.:

Client Sample ID: 2899 | Lab Sample ID: 200-4766-7

Matrix: Air | Lab File ID: gfie012.d

Analysis Method: TO-15 | Date Collected: 04/19/2011 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 04/22/2011 19:32

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 16922 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Client Sample ID: 2899 Lab Sample ID: 200-4766-7

Matrix: Air Lab File ID: gfie012.d

Analysis Method: TO-15 Date Collected: 04/19/2011 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/22/2011 19:32

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 16922 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-4766-7
Client Smp ID: 2899
Inj Date : 22-APR-2011 19:32
Operator : wrd Inst ID: G.i
Smp Info : 200-4766-A-7
Misc Info : 1000,0.2,al174+mn
Comment :
Method : /chem/G.i/Gsvr.p/gfieto15.b/to15v5.m
Meth Date : 25-Apr-2011 08:54 wrd Quant Type: ISTD
Cal Date : 15-APR-2011 16:40 Cal File: gfi010.d
Als bottle: 8
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: al174+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

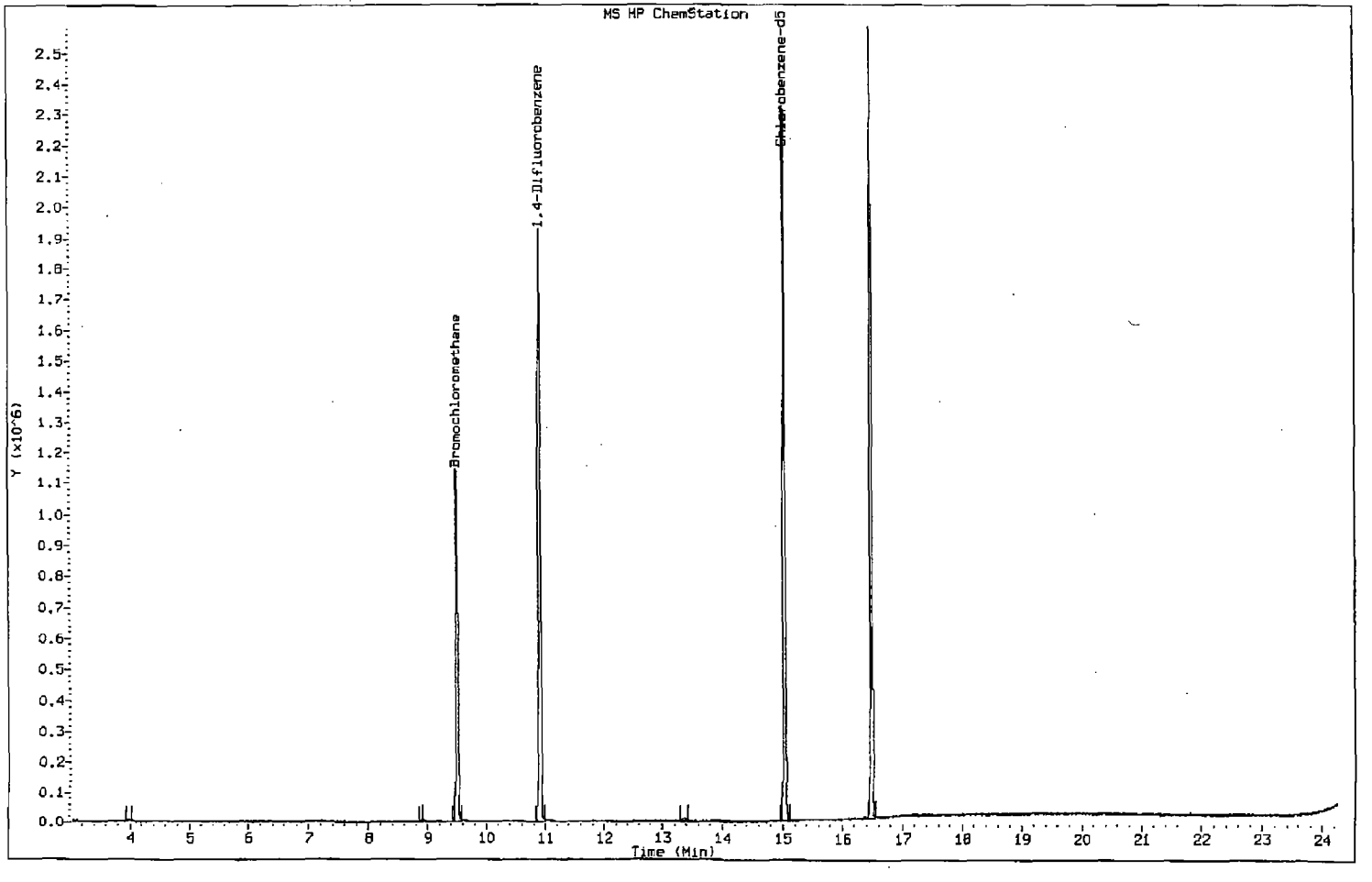
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	9.494	9.504	(1.000)	470364	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	10.901	10.911	(1.000)	2218122	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.026	15.031	(1.000)	1827793	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

Data File:	gfie012.d	Date:	22-APR-2011 19:32
Client ID:	2899	Instrument:	G.i
Operator:	wrd	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-4766-A-7		
Lab Sample ID:	200-4766-7		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Client Sample ID: 4351 Lab Sample ID: 200-4930-10

Matrix: Air Lab File ID: cjud027.d

Analysis Method: TO-15 Date Collected: 04/28/2011 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/29/2011 10:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 17234 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Client Sample ID: 4351 Lab Sample ID: 200-4930-10

Matrix: Air Lab File ID: cjud027.d

Analysis Method: TO-15 Date Collected: 04/28/2011 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/29/2011 10:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 17234 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Client Sample ID: 4351 Lab Sample ID: 200-4930-10

Matrix: Air Lab File ID: cjud027.d

Analysis Method: TO-15 Date Collected: 04/28/2011 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 04/29/2011 10:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 17234 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-4930-10
Client Smp ID: 4351
Inj Date : 29-APR-2011 10:35
Operator : pad Inst ID: C.i
Smp Info : 200-4930-A-10
Misc Info : 1000,0.2 all74+MN
Comment :
Method : /chem/C.i/Csvr.p/cjudto15.b/to15v5.m
Meth Date : 29-Apr-2011 11:01 pd Quant Type: ISTD
Cal Date : 22-APR-2011 18:51 Cal File: cju012.d
Als bottle: 6
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.699	4.720	(0.462)	2329	0.04349	0.0087(aQ)
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

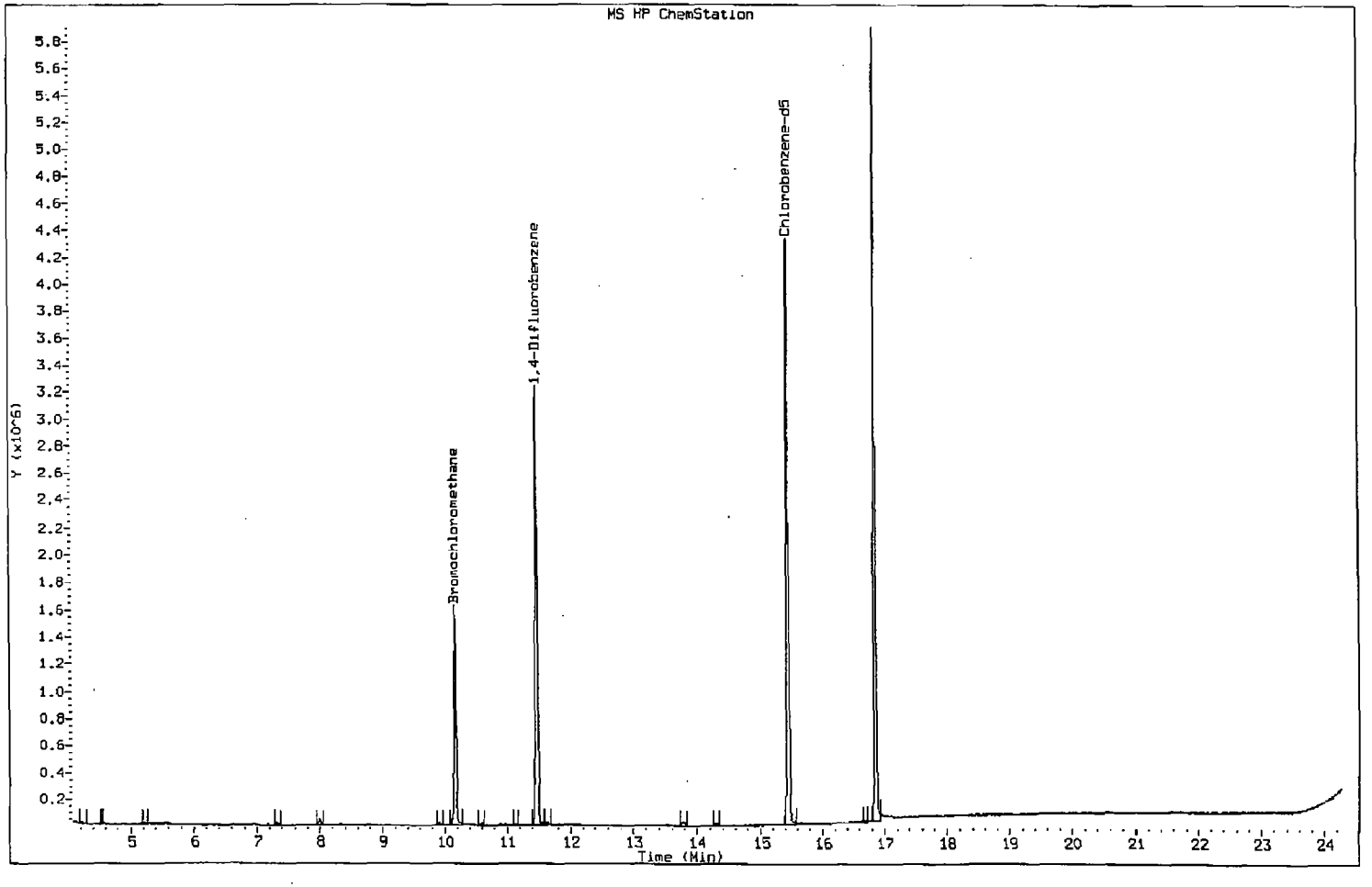
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	7.314	7.314	(0.720)	17581	0.19955	0.040(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	7.986	7.997	(0.786)	27182	0.38709	0.077(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	10.164	10.174	(1.000)	622732	10.0000	
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	11.140	11.140	(0.972)	2440	0.02036	0.0041(aQ)
*	47 1,4-Difluorobenzene	114	11.466	11.477	(1.000)	3371948	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	14.294	14.305	(0.926)	6557	0.03886	0.0078(a)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	15.442	15.447	(1.000)	3073386	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	cjud027.d	Date:	29-APR-2011 10:35
Client ID:	4351	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-4930-A-10		
Lab Sample ID:	200-4930-10		



FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-16675/3	IC 132519	gfi003.d
Level 2	IC 200-16675/4	ic 132517	gfi004.d
Level 3	IC 200-16675/5	ic 132507	gfi005.d
Level 4	ICIS 200-16675/7	icis 132429	gfi007.d
Level 5	IC 200-16675/8	ic 132422	gfi008.d
Level 6	IC 200-16675/9	ic 132406	gfi009.d
Level 7	IC 200-16675/10	ic 132405	gfi010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.2642	0.2902 0.2371	0.2420	0.2487	0.2492	Ave		0.2552				7.6		30.0			
Dichlorodifluoromethane	+++++ 2.0005	1.9867 1.7585	1.9760	1.9356	1.9580	Ave		1.9359				4.6		30.0			
Freon 22	+++++ 0.7767	0.7675 0.6961	0.7519	0.7203	0.7552	Ave		0.7446				4.1		30.0			
1,2-Dichlorotetrafluoroethane	1.5200 1.6250	1.6206 1.4396	1.6111	1.5747	1.5984	Ave		1.5699				4.3		30.0			
Chloromethane	+++++ 0.3039	0.3130 0.2799	0.2921	0.2837	0.2990	Ave		0.2953				4.2		30.0			
n-Butane	+++++ 0.4611	0.4274 0.4214	0.4357	0.4214	0.4407	Ave		0.4346				3.5		30.0			
Vinyl chloride	0.3905 0.4277	0.4179 0.3906	0.4125	0.4058	0.4199	Ave		0.4093				3.5		30.0			
1,3-Butadiene	0.2321 0.2736	0.2631 0.2512	0.2579	0.2567	0.2696	Ave		0.2577				5.3		30.0			
Acrolein	+++++ 0.1628	+++++ 0.1655	0.1555	0.1428	0.1662	Ave		0.1586				6.2		30.0			
Bromomethane	0.8707 0.7477	0.8249 0.7262	0.7852	0.7693	0.7923	Ave		0.7881				6.1		30.0			
Acetone	+++++ 0.6023	+++++ 0.6341	0.5755	0.5353	0.6089	Ave		0.5912				6.4		30.0			
Chloroethane	+++++ 0.2406	0.2463 0.2395	0.2599	0.2497	0.2588	Ave		0.2491				3.5		30.0			
Isopropyl alcohol	+++++ 0.4642	+++++ 0.4591	0.4106	0.4168	0.4583	Ave		0.4418				5.9		30.0			
Isopentane	0.4991 0.4119	0.4455 0.3978	0.4167	0.4063	0.4251	Ave		0.4289				8.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.1460	0.1373 0.1357	0.1381	0.1309	0.1465	Ave		0.1391				4.4		30.0			
Acetonitrile	+++++ 0.2292	+++++ 0.2416	0.2166	0.2099	0.2345	Ave		0.2264				5.7		30.0			
Bromoethene(Vinyl Bromide)	0.8735 0.8527	0.9132 0.8722	0.8893	0.9143	0.9420	Ave		0.8939				3.5		30.0			
Trichlorofluoromethane	2.9766 3.0113	3.0700 2.7579	3.0232	2.9530	3.0136	Ave		2.9722				3.4		30.0			
tert-Butyl alcohol	+++++ 0.9047	+++++ 0.8663	0.8113	0.8451	0.9031	Ave		0.8661				4.6		30.0			
n-Pentane	+++++ 0.7116	0.7103 0.6604	0.6920	0.6851	0.7003	Ave		0.6933				2.8		30.0			
Ethyl ether	0.3295 0.3232	0.3359 0.3323	0.3110	0.2932	0.3282	Ave		0.3219				4.6		30.0			
Vinyl acetate	+++++ 0.9726	+++++ 0.9979	0.9022	0.8849	0.9881	Ave		0.9492				5.5		30.0			
Freon TF	1.8568 1.9135	1.9104 1.7159	1.9277	1.8900	1.8966	Ave		1.8730				3.9		30.0			
1,1-Dichloroethene	0.7648 0.8110	0.7926 0.7411	0.7872	0.7710	0.8112	Ave		0.7827				3.3		30.0			
Ethyl acetate	+++++ 0.0445	+++++ 0.0470	0.0426	0.0394	0.0448	Ave		0.0436				6.5		30.0			
Carbon disulfide	+++++ 2.1742	2.2022 1.9795	2.1223	2.0826	2.1522	Ave		2.1188				3.8		30.0			
Tetrahydrofuran	+++++ 0.0984	+++++ 0.0859	0.0787	0.0772	0.0842	Ave		0.0849				9.9		30.0			
3-Chloropropene	0.4726 0.5158	0.4880 0.4870	0.4862	0.4853	0.4950	Ave		0.4900				2.7		30.0			
Methylene Chloride	+++++ 0.6047	0.6812 0.5599	0.5922	0.5939	0.5921	Ave		0.6040				6.7		30.0			
Methyl tert-butyl ether	1.8795 1.7644	1.8406 1.8075	1.6192	1.5481	1.7833	Ave		1.7489				6.9		30.0			
trans-1,2-Dichloroethene	0.9382 0.9948	0.9869 0.9159	0.9985	0.9802	0.9812	Ave		0.9708				3.2		30.0			
Acrylonitrile	+++++ 0.2915	0.2975 0.3023	0.2748	0.2629	0.2942	Ave		0.2872				5.3		30.0			
n-Hexane	0.8009 0.7980	0.7820 0.7344	0.7940	0.7787	0.7858	Ave		0.7820				2.9		30.0			
n-Butanol	+++++ 0.0614	+++++ 0.0485	0.0446	0.0490	0.0508	Ave		0.0509				12.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethane	1.2785 1.2115	1.2107 1.1121	1.1938	1.1558	1.1793	Ave		1.1917				4.3		30.0			
1,4-Dioxane	+++++ 0.0798	+++++ 0.0678	0.0641	0.0675	0.0681	Ave		0.0695				8.6		30.0			
cis-1,2-Dichloroethene	0.9285 0.8959	0.9415 0.8061	0.8968	0.8709	0.8817	Ave		0.8888				5.0		30.0			
Methyl Ethyl Ketone	+++++ 0.2409	0.2723 0.2398	0.2243	0.2154	0.2413	Ave		0.2390				8.1		30.0			
Chloroform	2.0114 1.9854	2.0799 1.8283	1.9652	1.8839	1.9292	Ave		1.9547				4.3		30.0			
1,1,1-Trichloroethane	0.5354 0.6329	0.5484 0.4804	0.5690	0.5631	0.5309	Ave		0.5514				8.4		30.0			
Cyclohexane	0.2371 0.2617	0.2278 0.1943	0.2398	0.2410	0.2252	Ave		0.2324				8.8		30.0			
Carbon tetrachloride	0.6194 0.7813	0.6210 0.6055	0.6840	0.6860	0.6550	Ave		0.6646				9.1		30.0			
2,2,4-Trimethylpentane	0.5748 0.6645	0.5713 0.5096	0.5972	0.5799	0.5626	Ave		0.5800				8.0		30.0			
Benzene	0.5290 0.5545	0.5131 0.4330	0.4977	0.4710	0.4701	Ave		0.4955				8.3		30.0			
1,2-Dichloroethane	0.2587 0.3169	0.2784 0.2549	0.2736	0.2637	0.2647	Ave		0.2730				7.7		30.0			
n-Heptane	0.1743 0.1965	0.1726 0.1553	0.1752	0.1712	0.1670	Ave		0.1732				7.1		30.0			
Trichloroethene	0.3053 0.3449	0.3040 0.2612	0.3080	0.2995	0.2908	Ave		0.3020				8.2		30.0			
1,2-Dichloropropane	0.1603 0.1707	0.1644 0.1382	0.1476	0.1457	0.1470	Ave		0.1534				7.7		30.0			
Methyl methacrylate	+++++ 0.1484	0.1169 0.1308	0.1116	0.1139	0.1264	Ave		0.1247				11.1		30.0			
Dibromomethane	0.2949 0.3436	0.2856 0.2640	0.2980	0.2906	0.2868	Ave		0.2948				8.2		30.0			
Bromodichloromethane	0.4582 0.5677	0.4737 0.4556	0.4943	0.4840	0.4875	Ave		0.4887				7.7		30.0			
cis-1,3-Dichloropropene	0.2594 0.3431	0.2884 0.2807	0.2899	0.2862	0.2953	Ave		0.2919				8.7		30.0			
methyl isobutyl ketone	+++++ 0.2117	0.1622 0.1771	0.1741	0.1816	0.1860	Ave		0.1821				9.1		30.0			
n-Undecane	+++++ 0.2651	+++++ 0.3029	0.2377	0.2550	0.2521	Ave		0.2625				9.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Octane	0.2283 0.2500	0.2397 0.1999	0.2333	0.2260	0.2200	Ave		0.2282				6.9		30.0			
Toluene	0.4398 0.4074	0.4630 0.3363	0.4089	0.3780	0.3834	Ave		0.4024				10.4		30.0			
trans-1,3-Dichloropropene	0.2877 0.3711	0.2958 0.3107	0.3085	0.3070	0.3187	Ave		0.3142				8.6		30.0			
1,1,2-Trichloroethane	0.2274 0.2239	0.2252 0.1917	0.2135	0.2062	0.2085	Ave		0.2138				6.0		30.0			
Tetrachloroethene	0.4823 0.4766	0.4687 0.3942	0.4610	0.4445	0.4397	Ave		0.4525				6.6		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.2079	0.1485 0.1810	0.1761	0.1907	0.1931	Ave		0.1829				11.0		30.0			
n-Dodecane	+++++ 0.2218	+++++ 0.1404	0.1655	0.1901	0.1948	Ave		0.1825				16.9		30.0			
Dibromochloromethane	0.5050 0.6792	0.5495 0.5810	0.6123	0.6123	0.6276	Ave		0.5953				9.5		30.0			
1,2-Dibromoethane	0.4425 0.5098	0.4631 0.4379	0.4715	0.4613	0.4730	Ave		0.4656				5.1		30.0			
Chlorobenzene	0.6644 0.6821	0.6808 0.5914	0.6487	0.6236	0.6399	Ave		0.6473				5.0		30.0			
Ethylbenzene	0.9229 0.9233	0.9773 0.8043	0.8870	0.8483	0.8796	Ave		0.8918				6.3		30.0			
n-Nonane	0.2778 0.2784	0.3002 0.2380	0.2780	0.2661	0.2672	Ave		0.2723				6.9		30.0			
m,p-Xylene	0.3791 0.3704	0.3962 0.3157	0.3654	0.3449	0.3531	Ave		0.3607				7.2		30.0			
Xylene, o-	0.4089 0.3833	0.4082 0.3315	0.3715	0.3540	0.3647	Ave		0.3746				7.5		30.0			
Styrene	0.4659 0.5814	0.4685 0.5143	0.5214	0.5160	0.5473	Ave		0.5164				7.9		30.0			
Bromoform	0.4465 0.6455	0.4872 0.5346	0.5914	0.5942	0.6078	Ave		0.5582				12.8		30.0			
Cumene	1.1137 1.1217	1.1776 0.9941	1.0822	1.0317	1.0714	Ave		1.0846				5.6		30.0			
1,1,2,2-Tetrachloroethane	0.5490 0.5417	0.5734 0.4649	0.5288	0.5082	0.5196	Ave		0.5265				6.5		30.0			
n-Propylbenzene	1.1210 1.1824	1.2639 0.9912	1.1681	1.1157	1.1411	Ave		1.1405				7.3		30.0			
1,2,3-Trichloropropane	+++++ 0.3716	0.4374 0.3105	0.3739	0.3539	0.3598	Ave		0.3679				11.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Decane	+++++ 0.3409	0.2924 0.2966	0.3172	0.3072	0.3299	Ave		0.3140				6.0		30.0			
4-Ethyltoluene	0.9513 1.1194	1.0907 0.9809	1.0580	1.0153	1.0679	Ave		1.0405				5.8		30.0			
2-Chlorotoluene	1.0183 1.0201	1.0682 0.8773	0.9966	0.9507	0.9721	Ave		0.9862				6.2		30.0			
1,3,5-Trimethylbenzene	0.8907 0.9544	0.9752 0.8442	0.9000	0.8640	0.9124	Ave		0.9059				5.1		30.0			
Alpha Methyl Styrene	0.3118 0.5192	0.3622 0.4696	0.4478	0.4555	0.4874	Ave		0.4362				16.8		30.0			
tert-Butylbenzene	0.9365 0.9434	1.0174 0.8376	0.9055	0.8547	0.8989	Ave		0.9134				6.6		30.0			
1,2,4-Trimethylbenzene	0.8232 0.9667	0.9428 0.8616	0.9045	0.8705	0.9218	Ave		0.8987				5.6		30.0			
sec-Butylbenzene	1.2456 1.3543	1.3917 1.1876	1.2850	1.2280	1.2896	Ave		1.2831				5.6		30.0			
1,2,4-Trichlorobenzene	+++++ 0.4139	0.1267 0.4178	0.2324	0.2872	0.3600	Ave		0.3063				37.2	*	30.0			
4-Isopropyltoluene	0.8920 1.1915	1.1329 1.0579	1.0868	1.0394	1.1178	Ave		1.0741				8.8		30.0			
1,3-Dichlorobenzene	0.5296 0.7306	0.5912 0.6597	0.6380	0.6404	0.6812	Ave		0.6387				10.1		30.0			
1,4-Dichlorobenzene	0.4824 0.7166	0.5081 0.6533	0.6006	0.6139	0.6625	Ave		0.6053				13.9		30.0			
Benzyl chloride	0.3761 0.8006	0.4443 0.7597	0.6149	0.6552	0.7411	Ave		0.6274				25.9		30.0			
n-Butylbenzene	0.5243 0.9315	0.6796 0.8024	0.8402	0.8100	0.8776	Ave		0.7808				17.6		30.0			
1,2-Dichlorobenzene	0.5595 0.7123	0.5995 0.6401	0.6466	0.6329	0.6695	Ave		0.6372				7.7		30.0			
Hexachlorobutadiene	0.2853 0.4249	0.3307 0.3189	0.4088	0.3900	0.4035	Ave		0.3660				14.7		30.0			
Naphthalene	+++++ 0.8332	0.2918 0.8675	0.5021	0.6144	0.7385	Ave		0.6412				34.1	*	30.0			
1,2,3-Trichlorobenzene	0.1451 0.3611	0.1426 0.3397	0.2303	0.2712	0.3168	Ave		0.2581				34.6	*	30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-16675/3	gfi003.d
Level 2	IC 200-16675/4	gfi004.d
Level 3	IC 200-16675/5	gfi005.d
Level 4	ICIS 200-16675/7	gfi007.d
Level 5	IC 200-16675/8	gfi008.d
Level 6	IC 200-16675/9	gfi009.d
Level 7	IC 200-16675/10	gfi010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 253642	6967 467032	56736	117769	179029	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1920619	47693 3464058	463221	916672	1406494	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	+++++ 745683	18425 1371289	176264	341117	542508	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	14791 1560043	38905 2835980	377683	745761	1148131	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	+++++ 291731	7515 551329	68473	134353	214779	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	+++++ 442708	10260 830157	102141	199561	316561	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	3800 410605	10032 769395	96706	192172	301643	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	2259 262684	6315 494847	60464	121579	193643	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	+++++ 156270	+++++ 326045	36463	67631	119359	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	8473 717818	19804 1430567	184083	364327	569157	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	+++++ 578263	+++++ 1249088	134908	253533	437348	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	+++++ 230990	5912 471840	60931	118276	185881	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	+++++ 445694	+++++ 904371	96262	197378	329240	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	4857 395484	10694 783590	97679	192405	305364	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	+++++ 280311	32950 668395	64759	93010	140267	+++++ 40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetonitrile	BCM	Ave	+++++ 220072	+++++ 476014	50779	99399	168430	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	8500 818671	21923 1718100	208473	433008	676654	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	28965 2890959	73701 5432840	708712	1398489	2164698	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	+++++ 868514	+++++ 1706637	190199	400206	648714	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	+++++ 683186	17053 1300991	162222	324456	503021	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl ether	BCM	Ave	3206 310335	8064 654679	72917	138867	235751	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	+++++ 933749	+++++ 1965861	211501	419100	709786	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	18069 1837018	45862 3380131	451918	895092	1362387	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	7442 778592	19027 1459915	184534	365155	582693	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	+++++ 42712	+++++ 92525	9984	18658	32177	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	+++++ 2087358	52868 3899423	497533	986318	1545959	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	+++++ 352968	+++++ 753083	77429	150298	263514	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	4599 495199	11714 959427	113974	229826	355552	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	+++++ 580531	16353 1103022	138833	281275	425315	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	18289 1693955	44187 3560738	379587	733142	1280972	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	9130 955024	23693 1804287	234075	464220	704822	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	+++++ 279886	7143 595486	64426	124484	211294	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	.7794 766103	18774 1446638	186145	368797	564470	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	+++++ 220334	+++++ 424693	43868	95370	158812	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	12441 1163134	29064 2190836	279855	547351	847135	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	+++++ 286212	+++++ 594031	63101	131428	213071	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	BCM	Ave	9035 860104	22601 1588055	210243	412425	633310	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 231242	6536 472317	52573	102009	173301	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Chloroform	BCM	Ave	19573 1906070	49931 3601643	460701	892170	1385757	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	22950 2269710	57775 4209378	559837	1095707	1661022	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	10161 938634	24000 1702689	235915	469004	704636	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	26552 2802212	65423 5305525	673050	1334843	2049334	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	24639 2383058	60188 4464940	587625	1128296	1760166	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	22674 1988670	54057 3794364	489737	916506	1470917	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	11088 1136558	29324 2233575	269228	513083	828299	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	7470 704614	18180 1360956	172398	333080	522624	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	13086 1237043	32025 2288749	303046	582838	909930	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	6869 612378	17318 1210744	145246	283531	460030	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	+++++ 532176	12318 1145936	109791	221578	395442	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	12639 1232248	30083 2312971	293219	565473	897270	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	19640 2036185	49900 3992317	486365	941671	1525239	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	11118 1230563	30380 2459304	285293	556813	923923	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	+++++ 759418	17086 1551800	171295	353330	581871	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	+++++ 966878	+++++ 2549605	221176	474420	750774	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	9785 896568	25251 1751285	229599	439780	688415	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	17472 1485943	45269 2830347	380585	703396	1141982	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	12334 1330971	31164 2722660	303562	597398	997108	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBZ	Ave	9033 816594	22017 1613795	198734	383687	621086	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrachloroethene	CBZ	Ave	19161 1738521	45830 3317923	429080	827116	1309767	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 758289	14521 1523186	163847	354774	575299	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	+++++ 808916	+++++ 1181898	153993	353750	580151	+++++ 20.0	+++++ 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	20066 2477286	53728 4890456	569806	1139278	1869465	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	17581 1859430	45274 3685621	438840	858284	1408968	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	26396 2487868	66562 4977445	603757	1160401	1905857	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	36668 3367618	95552 6769437	825535	1578380	2619891	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	11038 1015579	29352 2003252	258710	495205	796020	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	30128 2702303	77483 5313744	680042	1283571	2103504	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	16248 1397865	39914 2790063	345736	658638	1086140	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	18510 2120632	45806 4328721	485257	960186	1630235	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	17741 2354565	47638 4499190	550407	1105636	1810271	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	44250 4091248	115140 8366865	1007130	1919651	3191387	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	21811 1975731	56061 3913231	492121	945608	1547790	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	44537 4312803	123574 8342823	1087146	2076083	3398775	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1355390	42769 2613507	348018	658485	1071645	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	+++++ 1243383	28586 2496157	295162	571538	982606	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	37796 4082862	106636 8256249	984599	1889197	3180858	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	40457 3720642	104439 7384079	927491	1768964	2895510	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	35387 3481237	95343 7105689	837582	1607756	2717769	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4766-1 Analy Batch No.: 16675

SDG No.:

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/15/2011 10:42 Calibration End Date: 04/15/2011 16:40 Calibration ID: 5980

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	12390 1893893	35412 3952199	416755	847537	1451740	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	37208 3440778	99470 7050028	842678	1590306	2677521	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trimethylbenzene	CBZ	Ave	32706 3525989	92179 7251669	841743	1619808	2745678	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	49491 4939486	136064 9995415	1195860	2285023	3841118	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1509669	12384 3516902	216244	534402	1072406	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	35441 4345992	110768 8903909	1011451	1934140	3329572	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	21041 2664836	57806 5552232	593763	1191536	2028955	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	19166 2613725	49680 5498964	558962	1142230	1973301	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	14941 2919941	43442 6393919	572230	1219182	2207324	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	20833 3397609	66447 6753960	781950	1507108	2613871	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	22229 2598015	58615 5387776	601744	1177607	1994285	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	11334 1549696	32330 2684394	380444	725651	1201776	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	+++++ 3039107	28526 7301393	467325	1143183	2199599	+++++ 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	5765 1317078	13942 2859296	214346	504706	943575	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-16940/6	ic 132521	cju006.d
Level 2	IC 200-16940/7	ic 132517	cju007.d
Level 3	IC 200-16940/8	ic 132507	cju008.d
Level 4	ICIS 200-16940/9	icis 132428	cju009.d
Level 5	IC 200-16940/10	ic 132422	cju010.d
Level 6	IC 200-16940/11	ic 132406	cju011.d
Level 7	IC 200-16940/12	ic 132405	cju012.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Propylene	0.6852	0.9520 0.6480	0.7590	0.7521	0.7271	Ave		0.7539				14.0		30.0			
Dichlorodifluoromethane	3.2556	3.5740 3.1075	3.4368	3.4382	3.3669	Ave		3.3632				4.8		30.0			
Freon 22	1.6742	1.9414 1.6008	1.8243	1.8105	1.7619	Ave		1.7689				6.8		30.0			
1,2-Dichlorotetrafluoroethane	3.3970 3.1421	3.5467 2.9556	3.3778	3.3324	3.2738	Ave		3.2894				5.8		30.0			
Chloromethane	0.7911	1.0459 0.7644	0.8683	0.8622	0.8283	Ave		0.8600				11.6		30.0			
n-Butane	1.4255	1.6723 1.3308	1.5372	1.5332	1.5270	Ave		1.5043				7.7		30.0			
Vinyl chloride	1.0360 0.9798	1.0163 0.9265	1.0192	1.0215	1.0206	Ave		1.0028				3.8		30.0			
1,3-Butadiene	0.7474 0.7034	0.7588 0.6511	0.7391	0.7356	0.7314	Ave		0.7238				5.0		30.0			
Bromomethane	0.9865 0.9358	0.9832 0.9265	0.9447	0.9502	0.9268	Ave		0.9505				2.6		30.0			
Chloroethane	0.5318	0.5765 0.5181	0.5551	0.5493	0.5473	Ave		0.5463				3.7		30.0			
Isopentane	1.4405 1.0936	1.2310 1.0367	1.1945	1.1905	1.1497	Ave		1.1909				10.8		30.0			
Bromoethene(Vinyl Bromide)	1.0191 1.0339	1.0448 1.0100	1.0454	1.0443	1.0501	Ave		1.0354				1.5		30.0			
Trichlorofluoromethane	3.3548 3.2012	3.4687 3.0982	3.3141	3.3294	3.2740	Ave		3.2915				3.6		30.0			
n-Pentane	1.6752	2.0389 1.5754	1.8516	1.8264	1.7599	Ave		1.7879				8.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	0.2967	0.3053 0.2507	0.3246	0.3314	0.3282	Ave		0.3062				9.9		30.0			
Ethyl ether	0.8024 0.7111	0.7303 0.6848	0.7293	0.7604	0.7020	Ave		0.7315				5.4		30.0			
Acrolein	0.3111	0.3027	0.3158	0.3413	0.3055	Ave		0.3153				4.9		30.0			
Freon TF	2.2367 2.1261	2.3235 2.0114	2.2462	2.2286	2.1962	Ave		2.1955				4.6		30.0			
1,1-Dichloroethene	1.0883 0.9747	1.0707 0.9436	0.9936	1.0115	0.9990	Ave		1.0116				5.1		30.0			
Acetone	1.3716	1.3729	1.4712	1.4822	1.3760	Ave		1.4148				4.0		30.0			
Isopropyl alcohol	0.9048	0.8452	0.9745	1.0066	1.0121	Ave		0.9486				7.6		30.0			
Carbon disulfide	2.8499	2.9887 2.7507	2.9168	2.9755	2.9420	Ave		2.9039				3.1		30.0			
3-Chloropropene	1.2773 1.1728	1.2999 1.1377	1.2605	1.2758	1.2436	Ave		1.2382				4.9		30.0			
Acetonitrile	0.5490	0.5668	0.5733	0.6037	0.5840	Ave		0.5754				3.5		30.0			
Methylene Chloride	1.0514	1.3324 1.0105	1.1388	1.1332	1.0995	Ave		1.1276				9.9		30.0			
tert-Butyl alcohol	1.3779	1.3480	1.5698	1.5819	1.5302	Ave		1.4815				7.5		30.0			
Methyl tert-butyl ether	3.5161 3.1222	3.2606 3.0441	3.2030	3.3493	3.1071	Ave		3.2289				5.0		30.0			
trans-1,2-Dichloroethene	1.6559 1.5670	1.7044 1.5011	1.6743	1.6795	1.6300	Ave		1.6303				4.4		30.0			
Acrylonitrile	0.6152	0.5888 0.6247	0.6158	0.6486	0.6101	Ave		0.6172				3.2		30.0			
n-Hexane	1.8787 1.6073	1.9126 1.5109	1.7512	1.7375	1.6885	Ave		1.7267				8.2		30.0			
Vinyl acetate	2.2057	2.0743	2.3520	2.4483	2.2188	Ave		2.2598				6.4		30.0			
1,1-Dichloroethane	2.0931 1.9187	2.2135 1.7950	2.0905	2.0838	2.0058	Ave		2.0286				6.7		30.0			
Ethyl acetate	0.0941	0.0909	0.0955	0.1018	0.0932	Ave		0.0951				4.3		30.0			
Methyl Ethyl Ketone	0.4463	0.5003 0.4260	0.4642	0.4852	0.4497	Ave		0.4620				5.9		30.0			

Note: The ml coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	1.1965 1.1036	1.2413 1.0377	1.1889	1.1703	1.1466	Ave		1.1550				5.8		30.0			
Tetrahydrofuran	0.1700	0.1670	0.1765	0.1840	0.1718	Ave		0.1739				3.8		30.0			
Chloroform	2.6851 2.4708	2.7132 2.3581	2.6151	2.6231	2.5483	Ave		2.5734				4.9		30.0			
1,1,1-Trichloroethane	0.5238 0.5171	0.5440 0.4936	0.5294	0.5309	0.5275	Ave		0.5238				3.0		30.0			
Cyclohexane	0.3273 0.2871	0.3189 0.2692	0.3015	0.3029	0.2959	Ave		0.3004				6.4		30.0			
Carbon tetrachloride	0.5439 0.5472	0.5477 0.5361	0.5517	0.5569	0.5549	Ave		0.5483				1.3		30.0			
2,2,4-Trimethylpentane	1.0337 0.9373	1.0440 0.8744	1.0039	1.0029	0.9787	Ave		0.9822				6.0		30.0			
Benzene	0.7431 0.6128	0.7183 0.5859	0.6504	0.6488	0.6327	Ave		0.6560				8.5		30.0			
1,2-Dichloroethane	0.3602 0.3451	0.3640 0.3400	0.3543	0.3559	0.3548	Ave		0.3535				2.4		30.0			
n-Heptane	0.4032 0.3278	0.3918 0.3045	0.3586	0.3574	0.3445	Ave		0.3554				9.7		30.0			
n-Butanol	0.0646	0.0658	0.0713	0.0735	0.0735	Ave		0.0697				6.1		30.0			
Trichloroethene	0.3103 0.3022	0.3225 0.2940	0.3133	0.3145	0.3109	Ave		0.3097				3.0		30.0			
1,2-Dichloropropane	0.2380 0.2097	0.2409 0.1949	0.2264	0.2248	0.2187	Ave		0.2219				7.2		30.0			
Methyl methacrylate	0.1961	0.1782 0.1894	0.1944	0.2092	0.1934	Ave		0.1934				5.2		30.0			
1,4-Dioxane	0.0816	0.0780	0.0846	0.0848	0.0868	Ave		0.0832				4.1		30.0			
Dibromomethane	0.3021 0.3083	0.3105 0.3043	0.3069	0.3102	0.3108	Ave		0.3076				1.1		30.0			
Bromodichloromethane	0.5058 0.5245	0.5228 0.5067	0.5329	0.5432	0.5371	Ave		0.5247				2.7		30.0			
cis-1,3-Dichloropropene	0.3849 0.3870	0.3931 0.3728	0.3927	0.3989	0.3951	Ave		0.3892				2.2		30.0			
methyl isobutyl ketone	0.3711	0.3486 0.3601	0.3723	0.4017	0.3701	Ave		0.3706				4.8		30.0			
n-Octane	0.5512 0.4443	0.5392 0.3964	0.5069	0.4953	0.4696	Ave		0.4861				11.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	0.5738 0.4978	0.6079 0.4975	0.5533	0.5312	0.5809	Ave		0.5489				7.7		30.0			
trans-1,3-Dichloropropene	0.3894 0.4077	0.3931 0.3957	0.4062	0.4175	0.4090	Ave		0.4027				2.5		30.0			
1,1,2-Trichloroethane	0.2526 0.2342	0.2530 0.2359	0.2556	0.2475	0.2728	Ave		0.2503				5.2		30.0			
Tetrachloroethene	0.5537 0.5166	0.5564 0.5308	0.5485	0.5372	0.6003	Ave		0.5491				4.8		30.0			
Methyl Butyl Ketone (2-Hexanone)	 0.3813	0.3373 0.3975	0.3865	0.4151	0.4358	Ave		0.3923				8.5		30.0			
Dibromochloromethane	0.5155 0.5679	0.5349 0.5866	0.5886	0.5843	0.6549	Ave		0.5761				7.8		30.0			
1,2-Dibromoethane	0.4637 0.4678	0.4781 0.4787	0.4930	0.4855	0.5406	Ave		0.4868				5.3		30.0			
Chlorobenzene	0.7429 0.6984	0.7655 0.7060	0.7525	0.7283	0.8084	Ave		0.7431				5.0		30.0			
Ethylbenzene	1.2103 1.0139	1.1950 0.9633	1.1528	1.1232	1.1766	Ave		1.1193				8.5		30.0			
n-Nonane	0.5540 0.4190	0.5490 0.3969	0.5062	0.4785	0.5023	Ave		0.4866				12.4		30.0			
m,p-Xylene	0.4710 0.4037	0.4605 0.3962	0.4469	0.4430	0.4621	Ave		0.4405				6.7		30.0			
Xylene, o-	0.4688 0.4148	0.4533 0.4207	0.4510	0.4490	0.4718	Ave		0.4470				4.9		30.0			
Styrene	0.5927 0.6507	0.6237 0.6579	0.6871	0.6900	0.7436	Ave		0.6637				7.4		30.0			
Bromoform	0.5229 0.6021	0.5397 0.6235	0.6096	0.6147	0.6886	Ave		0.6002				9.2		30.0			
Cumene	1.4038 1.2275	1.3021 1.2205	1.3080	1.3137	1.3831	Ave		1.3084				5.3		30.0			
1,1,2,2-Tetrachloroethane	0.6414 0.5627	0.6001 0.5708	0.6091	0.6081	0.6429	Ave		0.6050				5.1		30.0			
n-Propylbenzene	1.5345 1.3665	1.4985 1.3042	1.5156	1.5126	1.5691	Ave		1.4716				6.6		30.0			
1,2,3-Trichloropropane	 0.4444	0.5260 0.4426	0.4983	0.4938	0.5121	Ave		0.4862				7.2		30.0			
n-Decane	 0.5469	0.5952 0.5276	0.6193	0.6037	0.6346	Ave		0.5879				7.1		30.0			
4-Ethyltoluene	1.2476 1.2130	1.2629 1.2104	1.3150	1.3237	1.3794	Ave		1.2788				4.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	1.1529 1.0053	1.1525 0.9979	1.1311	1.1027	1.1658	Ave		1.1012				6.4		30.0			
1,3,5-Trimethylbenzene	1.1118 1.0144	1.0603 1.0144	1.0954	1.1042	1.1551	Ave		1.0794				4.9		30.0			
Alpha Methyl Styrene	0.4037 0.5427	0.4385 0.5819	0.5329	0.5625	0.6034	Ave		0.5236				14.2		30.0			
tert-Butylbenzene	1.1221 1.0057	1.0413 1.0415	1.0574	1.0652	1.1229	Ave		1.0651				4.1		30.0			
1,2,4-Trimethylbenzene	0.9795 1.0344	1.0224 1.0673	1.0902	1.1060	1.1693	Ave		1.0670				5.8		30.0			
sec-Butylbenzene	1.5240 1.4234	1.5031 1.4232	1.5351	1.5369	1.6117	Ave		1.5082				4.4		30.0			
4-Isopropyltoluene	1.2925 1.2789	1.2737 1.3033	1.3323	1.3552	1.4303	Ave		1.3237				4.2		30.0			
1,3-Dichlorobenzene	0.6640 0.7650	0.7630 0.8078	0.7783	0.7806	0.8652	Ave		0.7748				7.8		30.0			
1,4-Dichlorobenzene	0.6171 0.7751	0.7499 0.8188	0.7713	0.7838	0.8682	Ave		0.7692				10.1		30.0			
Benzyl chloride	0.6965 0.9878	0.8313 1.0531	0.9810	1.0370	1.1074	Ave		0.9563				15.0		30.0			
n-Undecane	 0.5854	 0.5522	0.4365	0.5691	0.6168	Ave		0.5520				12.5		30.0			
n-Butylbenzene	0.9837 1.0818	1.0266 1.0953	1.1525	1.1655	1.2277	Ave		1.1047				7.6		30.0			
1,2-Dichlorobenzene	0.6805 0.7206	0.7016 0.7730	0.7270	0.7365	0.7985	Ave		0.7340				5.5		30.0			
n-Dodecane	 0.3486	 0.1101	0.3347	0.3359	0.4905	Ave		0.3239				42.1	*	30.0			
1,2,4-Trichlorobenzene	 0.5171	0.4113 0.3256	0.4426	0.4751	0.5726	Ave		0.4574				18.8		30.0			
Hexachlorobutadiene	0.5596 0.5716	0.5710 0.2848	0.5497	0.5616	0.6321	Ave		0.5329				21.1		30.0			
Naphthalene	 0.8543	0.5880 0.5688	0.6852	0.7525	0.9532	Ave		0.7337				20.6		30.0			
1,2,3-Trichlorobenzene	0.2207 0.3941	0.3440 0.1680	0.3482	0.3595	0.4447	Ave		0.3256				29.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-16940/6	cju006.d
Level 2	IC 200-16940/7	cju007.d
Level 3	IC 200-16940/8	cju008.d
Level 4	ICIS 200-16940/9	cju009.d
Level 5	IC 200-16940/10	cju010.d
Level 6	IC 200-16940/11	cju011.d
Level 7	IC 200-16940/12	cju012.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propylene	BCM	Ave	673821	20838 1308682	167212	342259	517581	20.0	0.500 40.0	5.00	10.0	15.0
Dichlorodifluoromethane	BCM	Ave	3201684	78233 6275924	757113	1564571	2396718	20.0	0.500 40.0	5.00	10.0	15.0
Freon 22	BCM	Ave	1646495	42496 3232968	401891	823886	1254198	20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	29669 3090065	77634 5969085	744124	1516435	2330471	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloromethane	BCM	Ave	777993	22894 1543764	191291	392343	589598	20.0	0.500 40.0	5.00	10.0	15.0
n-Butane	BCM	Ave	1401942	36605 2687682	338644	697665	1086975	20.0	0.500 40.0	5.00	10.0	15.0
Vinyl chloride	BCM	Ave	9048 963541	22245 1871125	224517	464833	726544	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Butadiene	BCM	Ave	6526 691743	16610 1315031	162823	334742	520639	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromomethane	BCM	Ave	8616 920337	21522 1871073	208107	432397	659724	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chloroethane	BCM	Ave	522971	12619 1046379	122282	249964	389573	20.0	0.500 40.0	5.00	10.0	15.0
Isopentane	BCM	Ave	12581 1075479	26946 2093802	263154	541732	818386	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoethene(Vinyl Bromide)	BCM	Ave	8901 1016762	22869 2039874	230297	475201	747496	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Trichlorofluoromethane	BCM	Ave	29300 3148153	75928 6257077	730080	1515041	2330590	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Pentane	BCM	Ave	1647467	44630 3181665	407905	831086	1252773	20.0	0.500 40.0	5.00	10.0	15.0
Ethanol	BCM	Ave	583613	66821 1265904	143034	226194	311533	40.0	5.00 100	10.0	15.0	20.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	BCM	Ave	7008 699310	15986 1383065	160656	346017	499748	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrolein	BCM	Ave	305936	611374	69564	155324	217454	20.0	40.0	5.00	10.0	15.0
Freon TF	BCM	Ave	19535 2090876	50860 4062128	494834	1014151	1563365	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1-Dichloroethene	BCM	Ave	9505 958574	23436 1905665	218897	460302	711150	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetone	BCM	Ave	1348850	2772761	324094	674488	979513	20.0	40.0	5.00	10.0	15.0
Isopropyl alcohol	BCM	Ave	889805	1706887	214672	458061	720449	20.0	40.0	5.00	10.0	15.0
Carbon disulfide	BCM	Ave	2802741	65420 5555219	642562	1354004	2094217	20.0	0.500 40.0	5.00	10.0	15.0
3-Chloropropene	BCM	Ave	11156 1153336	28454 2297772	277687	580537	885262	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acetonitrile	BCM	Ave	539911	1144649	126298	274695	415748	20.0	40.0	5.00	10.0	15.0
Methylene Chloride	BCM	Ave	1034039	29166 2040778	250871	515649	782678	20.0	0.500 40.0	5.00	10.0	15.0
tert-Butyl alcohol	BCM	Ave	1355047	2722351	345818	719836	1089292	20.0	40.0	5.00	10.0	15.0
Methyl tert-butyl ether	BCM	Ave	30709 3070462	71373 6147831	705601	1524091	2211748	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,2-Dichloroethene	BCM	Ave	14462 1541018	37307 3031640	368838	764253	1160299	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Acrylonitrile	BCM	Ave	605047	12888 1261733	135661	295131	434293	20.0	0.500 40.0	5.00	10.0	15.0
n-Hexane	BCM	Ave	16408 1580684	41866 3051372	385777	790670	1201981	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Vinyl acetate	BCM	Ave	2169155	4189235	518142	1114085	1579405	20.0	40.0	5.00	10.0	15.0
1,1-Dichloroethane	BCM	Ave	18281 1886943	48451 3625255	460524	948229	1427848	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethyl acetate	BCM	Ave	92536	183504	21029	46308	66348	20.0	40.0	5.00	10.0	15.0
Methyl Ethyl Ketone	BCM	Ave	438951	10952 860376	102255	220800	320090	20.0	0.500 40.0	5.00	10.0	15.0
cis-1,2-Dichloroethene	BCM	Ave	10450 1085294	27172 2095664	261911	532551	816183	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Tetrahydrofuran	DFB	Ave	905644	1804541	216464	462541	667843	20.0	40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chloroform	BCM	Ave	23451 2429879	59389 4762446	576104	1193639	1813965	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,1-Trichloroethane	DFB	Ave	25372 2755296	66649 5332379	649226	1334623	2050961	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cyclohexane	DFB	Ave	15851 1529953	39070 2907905	369771	761336	1150486	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Carbon tetrachloride	DFB	Ave	26346 2915727	67106 5791314	676548	1399860	2157434	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2,2,4-Trimethylpentane	DFB	Ave	50071 4994911	127913 9446591	1231057	2521126	3805229	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzene	DFB	Ave	35992 3265517	88002 6330165	797594	1631030	2459988	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloroethane	DFB	Ave	17445 1838862	44598 3672663	434525	894540	1379415	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Heptane	DFB	Ave	19532 1746538	47997 3290079	439771	898458	1339364	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Butanol	DFB	Ave	 344046	 711018	87426	184720	285913	 20.0	 40.0	5.00	10.0	15.0
Trichloroethene	DFB	Ave	15029 1610445	39517 3176413	384216	790484	1208721	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichloropropane	DFB	Ave	11528 1117682	29513 2105762	277685	565097	850168	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl methacrylate	DFB	Ave	 1045141	21832 2045768	238359	525903	751961	 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dioxane	DFB	Ave	 434743	 842476	103762	213265	337300	 20.0	 40.0	5.00	10.0	15.0
Dibromomethane	DFB	Ave	14631 1643071	38039 3287758	376339	779803	1208206	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromodichloromethane	DFB	Ave	24499 2795153	64055 5474498	653510	1365420	2088144	0.200 20.0	0.500 40.0	5.00	10.0	15.0
cis-1,3-Dichloropropene	DFB	Ave	18641 2062471	48164 4027775	481562	1002671	1536104	0.200 20.0	0.500 40.0	5.00	10.0	15.0
methyl isobutyl ketone	DFB	Ave	 1977335	42709 3890124	456592	1009802	1438943	 20.0	0.500 40.0	5.00	10.0	15.0
n-Octane	DFB	Ave	26696 2367607	66064 4282866	621641	1245150	1825683	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Toluene	CBZ	Ave	25591 2487091	68534 4738093	615478	1240175	1851915	0.200 20.0	0.500 40.0	5.00	10.0	15.0
trans-1,3-Dichloropropene	DFB	Ave	18863 2172448	48161 4274533	498068	1049602	1590128	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2-Trichloroethane	CBZ	Ave	11265 1170305	28523 2246978	284326	577888	869759	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	24694 2580808	62733 5055272	610076	1254124	1913748	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	1905091	38034 3785456	429930	969091	1389233	20.0	0.500 40.0	5.00	10.0	15.0
Dibromochloromethane	CBZ	Ave	22990 2837448	60309 5586932	654759	1364140	2087668	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dibromoethane	CBZ	Ave	20677 2337156	53903 4558806	548359	1133471	1723274	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Chlorobenzene	CBZ	Ave	33128 3489498	86307 6723904	836958	1700222	2577192	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Ethylbenzene	CBZ	Ave	53972 5065539	134736 9173524	1282226	2622173	3750802	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Nonane	CBZ	Ave	24708 2093212	61897 3779802	563011	1117122	1601393	0.200 20.0	0.500 40.0	5.00	10.0	15.0
m,p-Xylene	CBZ	Ave	42008 4033894	103843 7547280	994249	2068529	2946275	0.400 40.0	1.00 80.0	10.0	20.0	30.0
Xylene, o-	CBZ	Ave	20906 2072307	51107 4006240	501663	1048164	1504034	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Styrene	CBZ	Ave	26432 3251100	70316 6265489	764281	1610823	2370471	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Bromoform	CBZ	Ave	23319 3008183	60854 5938070	678103	1435010	2195246	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Cumene	CBZ	Ave	62605 6132784	146811 11623358	1454854	3066836	4409284	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	28603 2811321	67656 5436442	677508	1419494	2049454	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Propylbenzene	CBZ	Ave	68432 6827098	168947 12420607	1685776	3531259	5002081	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichloropropane	CBZ	Ave	2220459	59302 4214629	554302	1152849	1632580	20.0	0.500 40.0	5.00	10.0	15.0
n-Decane	CBZ	Ave	2732230	67105 5024559	688885	1409442	2022869	20.0	0.500 40.0	5.00	10.0	15.0
4-Ethyltoluene	CBZ	Ave	55639 6060293	142390 11526801	1462633	3090082	4397230	0.200 20.0	0.500 40.0	5.00	10.0	15.0
2-Chlorotoluene	CBZ	Ave	51413 5022657	129942 9503499	1258124	2574153	3716428	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3,5-Trimethylbenzene	CBZ	Ave	49579 5068133	119543 9660934	1218415	2577862	3682281	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Alpha Methyl Styrene	CBZ	Ave	18002 2711374	49437 5541375	592773	1313179	1923425	0.200 20.0	0.500 40.0	5.00	10.0	15.0
tert-Butylbenzene	CBZ	Ave	50039 5024624	117400 9918264	1176136	2486612	3579529	0.200 20.0	0.500 40.0	5.00	10.0	15.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-4930-1 Analy Batch No.: 16940

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2011 14:03 Calibration End Date: 04/22/2011 18:51 Calibration ID: 6091

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	43683 5168052	115269 10164015	1212639	2581941	3727557	0.200 20.0	0.500 40.0	5.00	10.0	15.0
sec-Butylbenzene	CBZ	Ave	67962 7111690	169470 13553804	1707478	3587917	5137862	0.200 20.0	0.500 40.0	5.00	10.0	15.0
4-Isopropyltoluene	CBZ	Ave	57638 6389603	143603 12412170	1481972	3163727	4559668	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,3-Dichlorobenzene	CBZ	Ave	29611 3821890	86027 7693522	865695	1822388	2758186	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,4-Dichlorobenzene	CBZ	Ave	27520 3872343	84544 7798270	857959	1829692	2767575	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Benzyl chloride	CBZ	Ave	31062 4935419	93729 10029018	1091163	2420915	3530375	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Undecane	CBZ	Ave	 2924580	 5259007	485541	1328591	1966389	 20.0	 40.0	5.00	10.0	15.0
n-Butylbenzene	CBZ	Ave	43869 5404812	115741 10431107	1281924	2720876	3913815	0.200 20.0	0.500 40.0	5.00	10.0	15.0
1,2-Dichlorobenzene	CBZ	Ave	30348 3600076	79104 7361905	808601	1719290	2545643	0.200 20.0	0.500 40.0	5.00	10.0	15.0
n-Dodecane	CBZ	Ave	 1741757	 1048499	372256	784077	1563533	 20.0	 40.0	5.00	10.0	15.0
1,2,4-Trichlorobenzene	CBZ	Ave	 2583606	46371 3101245	492269	1109151	1825309	 20.0	0.500 40.0	5.00	10.0	15.0
Hexachlorobutadiene	CBZ	Ave	24954 2855861	64373 2711930	611449	1311075	2014981	0.200 20.0	0.500 40.0	5.00	10.0	15.0
Naphthalene	CBZ	Ave	 4268096	66299 5416544	762119	1756784	3038593	 20.0	0.500 40.0	5.00	10.0	15.0
1,2,3-Trichlorobenzene	CBZ	Ave	9840 1969181	38790 1600155	387290	839251	1417638	0.200 20.0	0.500 40.0	5.00	10.0	15.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab Sample ID: ICV 200-16675/12 Calibration Date: 04/15/2011 18:23

Instrument ID: G.i Calib Start Date: 04/15/2011 10:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/15/2011 16:40

Lab File ID: gfi012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 133740

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2552	0.2463		9.65	10.0	-3.5	30.0
Dichlorodifluoromethane	Ave	1.936	1.912		9.88	10.0	-1.2	30.0
Freon 22	Ave	0.7446	0.7472		10.0	10.0	0.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.570	1.596		10.2	10.0	1.7	30.0
Chloromethane	Ave	0.2953	0.2978		10.1	10.0	0.9	30.0
n-Butane	Ave	0.4346	0.4393		10.1	10.0	1.1	30.0
Vinyl chloride	Ave	0.4093	0.4141		10.1	10.0	1.2	30.0
1,3-Butadiene	Ave	0.2577	0.2748		10.7	10.0	6.6	30.0
Bromomethane	Ave	0.7881	0.7030		8.92	10.0	-10.8	30.0
Chloroethane	Ave	0.2491	0.2411		9.67	10.0	-3.2	30.0
Isopentane	Ave	0.4289	0.4148		9.67	10.0	-3.3	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8939	0.9359		10.5	10.0	4.7	30.0
Trichlorofluoromethane	Ave	2.972	2.952		9.93	10.0	-0.7	30.0
n-Pentane	Ave	0.6933	0.6865		9.90	10.0	-1.0	30.0
Ethanol	Ave	0.1391	0.1358		14.7	15.0	-2.4	30.0
Ethyl ether	Ave	0.3219	0.2981		9.26	10.0	-7.4	30.0
Acrolein	Ave	0.1586	0.1352		8.52	10.0	-14.7	30.0
Freon TF	Ave	1.873	2.022		10.8	10.0	7.9	30.0
1,1-Dichloroethene	Ave	0.7827	0.8700		11.1	10.0	11.1	30.0
Acetone	Ave	0.5912	0.5703		9.64	10.0	-3.5	30.0
Isopropyl alcohol	Ave	0.4418	0.4215		9.54	10.0	-4.6	30.0
Carbon disulfide	Ave	2.119	2.139		10.1	10.0	1.0	30.0
3-Chloropropene	Ave	0.4900	0.4999		10.2	10.0	2.0	30.0
Acetonitrile	Ave	0.2264	0.2266		10.0	10.0	0.1	30.0
Methylene Chloride	Ave	0.6040	0.6399		10.6	10.0	5.9	30.0
tert-Butyl alcohol	Ave	0.8661	0.8159		9.42	10.0	-5.8	30.0
Methyl tert-butyl ether	Ave	1.749	1.635		9.35	10.0	-6.5	30.0
trans-1,2-Dichloroethene	Ave	0.9708	0.9861		10.2	10.0	1.6	30.0
Acrylonitrile	Ave	0.2872	0.2795		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.7820	0.7942		10.2	10.0	1.6	30.0
1,1-Dichloroethane	Ave	1.192	1.180		9.90	10.0	-1.0	30.0
Vinyl acetate	Ave	0.9492	0.9200		9.69	10.0	-3.1	30.0
cis-1,2-Dichloroethene	Ave	0.8888	0.9027		10.2	10.0	1.6	30.0
Methyl Ethyl Ketone	Ave	0.2390	0.2265		9.48	10.0	-5.2	30.0
Ethyl acetate	Ave	0.0436	0.0432		9.89	10.0	-1.0	30.0
Tetrahydrofuran	Ave	0.0849	0.0811		9.55	10.0	-4.5	30.0
Chloroform	Ave	1.955	1.893		9.68	10.0	-3.2	30.0
1,1,1-Trichloroethane	Ave	0.5514	0.5490		9.95	10.0	-0.5	30.0
Cyclohexane	Ave	0.2324	0.2364		10.2	10.0	1.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab Sample ID: ICV 200-16675/12 Calibration Date: 04/15/2011 18:23

Instrument ID: G.i Calib Start Date: 04/15/2011 10:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/15/2011 16:40

Lab File ID: gfi012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 133740

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.6646	0.6587		9.91	10.0	-0.9	30.0
2,2,4-Trimethylpentane	Ave	0.5800	0.5906		10.2	10.0	1.8	30.0
Benzene	Ave	0.4955	0.4833		9.75	10.0	-2.5	30.0
1,2-Dichloroethane	Ave	0.2730	0.2654		9.72	10.0	-2.8	30.0
n-Heptane	Ave	0.1732	0.1746		10.1	10.0	0.8	30.0
n-Butanol	Ave	0.0509	0.0461		9.06	10.0	-9.4	30.0
Trichloroethene	Ave	0.3020	0.2932		9.71	10.0	-2.9	30.0
1,2-Dichloropropane	Ave	0.1534	0.1440		9.39	10.0	-6.1	30.0
Methyl methacrylate	Ave	0.1247	0.1167		9.36	10.0	-6.4	30.0
1,4-Dioxane	Ave	0.0695	0.0603		8.68	10.0	-13.2	30.0
Dibromomethane	Ave	0.2948	0.2914		9.88	10.0	-1.1	30.0
Bromodichloromethane	Ave	0.4887	0.4945		10.1	10.0	1.2	30.0
cis-1,3-Dichloropropene	Ave	0.2919	0.2820		9.66	10.0	-3.4	30.0
methyl isobutyl ketone	Ave	0.1821	0.1788		9.82	10.0	-1.8	30.0
n-Octane	Ave	0.2282	0.2244		9.83	10.0	-1.7	30.0
Toluene	Ave	0.4024	0.3749		9.32	10.0	-6.8	30.0
trans-1,3-Dichloropropene	Ave	0.3142	0.2991		9.52	10.0	-4.8	30.0
1,1,2-Trichloroethane	Ave	0.2138	0.1942		9.08	10.0	-9.2	30.0
Tetrachloroethene	Ave	0.4525	0.4347		9.61	10.0	-3.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1829	0.1822		9.96	10.0	-0.4	30.0
Dibromochloromethane	Ave	0.5953	0.6175		10.4	10.0	3.7	30.0
1,2-Dibromoethane	Ave	0.4656	0.4431		9.52	10.0	-4.8	30.0
Chlorobenzene	Ave	0.6473	0.6037		9.33	10.0	-6.7	30.0
Ethylbenzene	Ave	0.8918	0.8364		9.38	10.0	-6.2	30.0
n-Nonane	Ave	0.2723	0.2614		9.60	10.0	-4.0	30.0
m,p-Xylene	Ave	0.3607	0.3360		18.6	20.0	-6.8	30.0
Xylene, o-	Ave	0.3746	0.3423		9.14	10.0	-8.6	30.0
Styrene	Ave	0.5164	0.5037		9.75	10.0	-2.5	30.0
Bromoform	Ave	0.5582	0.5841		10.5	10.0	4.6	30.0
Cumene	Ave	1.085	1.020		9.40	10.0	-6.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5265	0.4777		9.07	10.0	-9.3	30.0
n-Propylbenzene	Ave	1.140	1.103		9.67	10.0	-3.3	30.0
1,2,3-Trichloropropane	Ave	0.3679	0.3436		9.34	10.0	-6.6	30.0
n-Decane	Ave	0.3140	0.3142		10.0	10.0	0.0	30.0
4-Ethyltoluene	Ave	1.040	1.023		9.83	10.0	-1.7	30.0
2-Chlorotoluene	Ave	0.9862	0.9360		9.49	10.0	-5.1	30.0
1,3,5-Trimethylbenzene	Ave	0.9059	0.8376		9.24	10.0	-7.5	30.0
Alpha Methyl Styrene	Ave	0.4362	0.4432		10.2	10.0	1.6	30.0
tert-Butylbenzene	Ave	0.9134	0.8597		9.41	10.0	-5.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab Sample ID: ICV 200-16675/12 Calibration Date: 04/15/2011 18:23

Instrument ID: G.i Calib Start Date: 04/15/2011 10:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/15/2011 16:40

Lab File ID: gfi012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 133740

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.8987	0.8290		9.22	10.0	-7.8	30.0
sec-Butylbenzene	Ave	1.283	1.219		9.50	10.0	-5.0	30.0
4-Isopropyltoluene	Ave	1.074	1.049		9.76	10.0	-2.3	30.0
1,3-Dichlorobenzene	Ave	0.6387	0.6146		9.62	10.0	-3.8	30.0
1,4-Dichlorobenzene	Ave	0.6053	0.5910		9.76	10.0	-2.4	30.0
Benzyl chloride	Ave	0.6274	0.6254		9.97	10.0	-0.3	30.0
n-Undecane	Ave	0.2625	0.2295		8.74	10.0	-12.6	30.0
n-Butylbenzene	Ave	0.7808	0.8099		10.4	10.0	3.7	30.0
1,2-Dichlorobenzene	Ave	0.6372	0.5903		9.26	10.0	-7.4	30.0
n-Dodecane	Ave	0.1825	0.1671		9.15	10.0	-8.5	30.0
1,2,4-Trichlorobenzene	Ave	0.3063	0.2514		8.21	10.0	-17.9	30.0
Hexachlorobutadiene	Ave	0.3660	0.3573		9.76	10.0	-2.4	30.0
Naphthalene	Ave	0.6412	0.5576		8.69	10.0	-13.0	30.0
1,2,3-Trichlorobenzene	Ave	0.2581	0.2428		9.41	10.0	-5.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab Sample ID: CCVIS 200-16922/2 Calibration Date: 04/22/2011 09:27

Instrument ID: G.i Calib Start Date: 04/15/2011 10:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/15/2011 16:40

Lab File ID: gfie002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 132429

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.2552	0.2445		9.58	10.0	-4.2	30.0
Dichlorodifluoromethane	Ave	1.936	1.871		9.66	10.0	-3.3	30.0
Freon 22	Ave	0.7446	0.7235		9.71	10.0	-2.8	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.570	1.530		9.75	10.0	-2.5	30.0
Chloromethane	Ave	0.2953	0.2911		9.86	10.0	-1.4	30.0
n-Butane	Ave	0.4346	0.4362		10.0	10.0	0.4	30.0
Vinyl chloride	Ave	0.4093	0.4111		10.0	10.0	0.5	30.0
1,3-Butadiene	Ave	0.2577	0.2663		10.3	10.0	3.3	30.0
Bromomethane	Ave	0.7881	0.7632		9.68	10.0	-3.2	30.0
Chloroethane	Ave	0.2491	0.2497		10.0	10.0	0.2	30.0
Isopentane	Ave	0.4289	0.4094		9.54	10.0	-4.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.8939	0.9135		10.2	10.0	2.2	30.0
Trichlorofluoromethane	Ave	2.972	2.879		9.68	10.0	-3.1	30.0
n-Pentane	Ave	0.6933	0.6941		10.0	10.0	0.1	30.0
Ethanol	Ave	0.1391	0.1457		15.7	15.0	4.7	30.0
Ethyl ether	Ave	0.3219	0.3220		10.0	10.0	0.0	30.0
Acrolein	Ave	0.1586	0.1645		10.4	10.0	3.7	30.0
Freon TF	Ave	1.873	1.873		10.0	10.0	0.0	30.0
1,1-Dichloroethene	Ave	0.7827	0.7876		10.1	10.0	0.6	30.0
Acetone	Ave	0.5912	0.6058		10.2	10.0	2.5	30.0
Isopropyl alcohol	Ave	0.4418	0.4381		9.91	10.0	-0.9	30.0
Carbon disulfide	Ave	2.119	2.138		10.1	10.0	0.9	30.0
3-Chloropropene	Ave	0.4900	0.5010		10.2	10.0	2.3	30.0
Acetonitrile	Ave	0.2264	0.2337		10.3	10.0	3.2	30.0
Methylene Chloride	Ave	0.6040	0.5889		9.75	10.0	-2.5	30.0
tert-Butyl alcohol	Ave	0.8661	0.8500		9.81	10.0	-1.9	30.0
Methyl tert-butyl ether	Ave	1.749	1.768		10.1	10.0	1.1	30.0
trans-1,2-Dichloroethene	Ave	0.9708	0.9753		10.0	10.0	0.5	30.0
Acrylonitrile	Ave	0.2872	0.2930		10.2	10.0	2.0	30.0
n-Hexane	Ave	0.7820	0.7906		10.1	10.0	1.1	30.0
1,1-Dichloroethane	Ave	1.192	1.196		10.0	10.0	0.4	30.0
Vinyl acetate	Ave	0.9492	0.9818		10.3	10.0	3.4	30.0
cis-1,2-Dichloroethene	Ave	0.8888	0.8948		10.1	10.0	0.7	30.0
Methyl Ethyl Ketone	Ave	0.2390	0.2419		10.1	10.0	1.2	30.0
Ethyl acetate	Ave	0.0436	0.0472		10.8	10.0	8.1	30.0
Tetrahydrofuran	Ave	0.0849	0.0841		9.90	10.0	-1.0	30.0
Chloroform	Ave	1.955	1.928		9.86	10.0	-1.4	30.0
1,1,1-Trichloroethane	Ave	0.5514	0.5322		9.65	10.0	-3.5	30.0
Cyclohexane	Ave	0.2324	0.2254		9.69	10.0	-3.0	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab Sample ID: CCVIS 200-16922/2 Calibration Date: 04/22/2011 09:27

Instrument ID: G.i Calib Start Date: 04/15/2011 10:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/15/2011 16:40

Lab File ID: gfie002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 132429

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.6646	0.6418		9.66	10.0	-3.4	30.0
2,2,4-Trimethylpentane	Ave	0.5800	0.5626		9.70	10.0	-3.0	30.0
Benzene	Ave	0.4955	0.4768		9.62	10.0	-3.8	30.0
1,2-Dichloroethane	Ave	0.2730	0.2560		9.38	10.0	-6.2	30.0
n-Heptane	Ave	0.1732	0.1689		9.75	10.0	-2.5	30.0
n-Butanol	Ave	0.0509	0.0472		9.28	10.0	-7.2	30.0
Trichloroethene	Ave	0.3020	0.2894		9.58	10.0	-4.2	30.0
1,2-Dichloropropane	Ave	0.1534	0.1467		9.56	10.0	-4.4	30.0
Methyl methacrylate	Ave	0.1247	0.1259		10.1	10.0	1.0	30.0
1,4-Dioxane	Ave	0.0695	0.0639		9.20	10.0	-8.0	30.0
Dibromomethane	Ave	0.2948	0.2919		9.90	10.0	-1.0	30.0
Bromodichloromethane	Ave	0.4887	0.4768		9.75	10.0	-2.4	30.0
cis-1,3-Dichloropropene	Ave	0.2919	0.2887		9.89	10.0	-1.1	30.0
methyl isobutyl ketone	Ave	0.1821	0.1764		9.68	10.0	-3.1	30.0
n-Octane	Ave	0.2282	0.2234		9.79	10.0	-2.1	30.0
Toluene	Ave	0.4024	0.3838		9.53	10.0	-4.6	30.0
trans-1,3-Dichloropropene	Ave	0.3142	0.3115		9.91	10.0	-0.9	30.0
1,1,2-Trichloroethane	Ave	0.2138	0.2041		9.54	10.0	-4.5	30.0
Tetrachloroethene	Ave	0.4525	0.4353		9.62	10.0	-3.8	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1829	0.1783		9.75	10.0	-2.5	30.0
Dibromochloromethane	Ave	0.5953	0.6003		10.1	10.0	0.8	30.0
1,2-Dibromoethane	Ave	0.4656	0.4588		9.85	10.0	-1.5	30.0
Chlorobenzene	Ave	0.6473	0.6219		9.61	10.0	-3.9	30.0
Ethylbenzene	Ave	0.8918	0.8626		9.67	10.0	-3.3	30.0
n-Nonane	Ave	0.2723	0.2652		9.74	10.0	-2.6	30.0
m,p-Xylene	Ave	0.3607	0.3549		19.7	20.0	-1.6	30.0
Xylene, o-	Ave	0.3746	0.3635		9.70	10.0	-2.9	30.0
Styrene	Ave	0.5164	0.5363		10.4	10.0	3.9	30.0
Bromoform	Ave	0.5582	0.5913		10.6	10.0	5.9	30.0
Cumene	Ave	1.085	1.060		9.77	10.0	-2.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5265	0.5166		9.81	10.0	-1.9	30.0
n-Propylbenzene	Ave	1.140	1.137		9.97	10.0	-0.3	30.0
1,2,3-Trichloropropane	Ave	0.3679	0.3567		9.70	10.0	-3.0	30.0
n-Decane	Ave	0.3140	0.3253		10.4	10.0	3.6	30.0
4-Ethyltoluene	Ave	1.040	1.060		10.2	10.0	1.8	30.0
2-Chlorotoluene	Ave	0.9862	0.9625		9.76	10.0	-2.4	30.0
1,3,5-Trimethylbenzene	Ave	0.9059	0.8988		9.92	10.0	-0.8	30.0
Alpha Methyl Styrene	Ave	0.4362	0.4742		10.9	10.0	8.7	30.0
tert-Butylbenzene	Ave	0.9134	0.9107		9.97	10.0	-0.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Lab Sample ID: CCVIS 200-16922/2 Calibration Date: 04/22/2011 09:27

Instrument ID: G.i Calib Start Date: 04/15/2011 10:42

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/15/2011 16:40

Lab File ID: gfie002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 132429

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	0.8987	0.9199		10.2	10.0	2.4	30.0
sec-Butylbenzene	Ave	1.283	1.298		10.1	10.0	1.2	30.0
4-Isopropyltoluene	Ave	1.074	1.128		10.5	10.0	5.0	30.0
1,3-Dichlorobenzene	Ave	0.6387	0.6691		10.5	10.0	4.8	30.0
1,4-Dichlorobenzene	Ave	0.6053	0.6379		10.5	10.0	5.4	30.0
Benzyl chloride	Ave	0.6274	0.6937		11.1	10.0	10.6	30.0
n-Undecane	Ave	0.2625	0.2321		8.84	10.0	-11.6	30.0
n-Butylbenzene	Ave	0.7808	0.8758		11.2	10.0	12.2	30.0
1,2-Dichlorobenzene	Ave	0.6372	0.6591		10.3	10.0	3.4	30.0
n-Dodecane	Ave	0.1825	0.1710		9.37	10.0	-6.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3063	0.3087		10.1	10.0	0.8	30.0
Hexachlorobutadiene	Ave	0.3660	0.3964		10.8	10.0	8.3	30.0
Naphthalene	Ave	0.6412	0.6390		9.96	10.0	-0.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2581	0.2804		10.9	10.0	8.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab Sample ID: ICV 200-16940/17 Calibration Date: 04/22/2011 22:51

Instrument ID: C.i Calib Start Date: 04/22/2011 14:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/22/2011 18:51

Lab File ID: cju017.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 133740

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7539	0.5729		7.60	10.0	-24.0	30.0
Dichlorodifluoromethane	Ave	3.363	3.245		9.65	10.0	-3.5	30.0
Freon 22	Ave	1.769	1.537		8.69	10.0	-13.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.289	3.089		9.39	10.0	-6.1	30.0
Chloromethane	Ave	0.8600	0.7059		8.21	10.0	-17.9	30.0
n-Butane	Ave	1.504	1.217		8.09	10.0	-19.1	30.0
Vinyl chloride	Ave	1.003	0.8707		8.68	10.0	-13.2	30.0
1,3-Butadiene	Ave	0.7238	0.6334		8.75	10.0	-12.5	30.0
Bromomethane	Ave	0.9505	0.8692		9.14	10.0	-8.6	30.0
Chloroethane	Ave	0.5463	0.4771		8.73	10.0	-12.7	30.0
Isopentane	Ave	1.191	0.9608		8.07	10.0	-19.3	30.0
Bromoethene(Vinyl Bromide)	Ave	1.035	1.033		9.97	10.0	-0.3	30.0
Trichlorofluoromethane	Ave	3.291	3.296		10.0	10.0	0.1	30.0
n-Pentane	Ave	1.788	1.432		8.01	10.0	-19.9	30.0
Ethanol	Ave	0.3062	0.2757		13.5	15.0	-10.0	30.0
Ethyl ether	Ave	0.7315	0.6228		8.51	10.0	-14.9	30.0
Acrolein	Ave	0.3153	0.2347		7.44	10.0	-25.6	30.0
Freon TF	Ave	2.196	2.310		10.5	10.0	5.2	30.0
1,1-Dichloroethene	Ave	1.012	1.057		10.4	10.0	4.4	30.0
Acetone	Ave	1.415	1.297		9.17	10.0	-8.3	30.0
Isopropyl alcohol	Ave	0.9486	0.8491		8.95	10.0	-10.5	30.0
Carbon disulfide	Ave	2.904	2.655		9.14	10.0	-8.6	30.0
3-Chloropropene	Ave	1.238	1.047		8.45	10.0	-15.5	30.0
Acetonitrile	Ave	0.5754	0.4664		8.10	10.0	-18.9	30.0
Methylene Chloride	Ave	1.128	1.029		9.12	10.0	-8.7	30.0
tert-Butyl alcohol	Ave	1.482	1.385		9.35	10.0	-6.5	30.0
Methyl tert-butyl ether	Ave	3.229	3.131		9.69	10.0	-3.0	30.0
trans-1,2-Dichloroethene	Ave	1.630	1.468		9.00	10.0	-10.0	30.0
Acrylonitrile	Ave	0.6172	0.5499		8.91	10.0	-10.9	30.0
n-Hexane	Ave	1.727	1.471		8.51	10.0	-14.8	30.0
Vinyl acetate	Ave	2.260	2.006		8.88	10.0	-11.2	30.0
1,1-Dichloroethane	Ave	2.029	1.826		9.00	10.0	-10.0	30.0
Ethyl acetate	Ave	0.0951	0.0942		9.90	10.0	-0.9	30.0
Methyl Ethyl Ketone	Ave	0.4620	0.4353		9.42	10.0	-5.8	30.0
cis-1,2-Dichloroethene	Ave	1.155	1.096		9.49	10.0	-5.1	30.0
Tetrahydrofuran	Ave	0.1739	0.1569		9.02	10.0	-9.8	30.0
Chloroform	Ave	2.573	2.421		9.41	10.0	-5.9	30.0
1,1,1-Trichloroethane	Ave	0.5238	0.5390		10.3	10.0	2.9	30.0
Cyclohexane	Ave	0.3004	0.2874		9.57	10.0	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab Sample ID: ICV 200-16940/17 Calibration Date: 04/22/2011 22:51

Instrument ID: C.i Calib Start Date: 04/22/2011 14:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/22/2011 18:51

Lab File ID: cju017.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 133740

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5483	0.5791		10.6	10.0	5.6	30.0
2,2,4-Trimethylpentane	Ave	0.9822	0.8790		8.95	10.0	-10.5	30.0
Benzene	Ave	0.6560	0.5874		8.95	10.0	-10.5	30.0
1,2-Dichloroethane	Ave	0.3535	0.3403		9.63	10.0	-3.7	30.0
n-Heptane	Ave	0.3554	0.3005		8.45	10.0	-15.5	30.0
n-Butanol	Ave	0.0697	0.0591		8.47	10.0	-15.2	30.0
Trichloroethene	Ave	0.3097	0.2985		9.64	10.0	-3.6	30.0
1,2-Dichloropropane	Ave	0.2219	0.1930		8.70	10.0	-13.0	30.0
Methyl methacrylate	Ave	0.1934	0.1888		9.76	10.0	-2.4	30.0
1,4-Dioxane	Ave	0.0832	0.0775		9.32	10.0	-6.8	30.0
Dibromomethane	Ave	0.3076	0.3293		10.7	10.0	7.0	30.0
Bromodichloromethane	Ave	0.5247	0.5289		10.1	10.0	0.8	30.0
cis-1,3-Dichloropropene	Ave	0.3892	0.3639		9.35	10.0	-6.5	30.0
methyl isobutyl ketone	Ave	0.3706	0.3512		9.47	10.0	-5.3	30.0
n-Octane	Ave	0.4861	0.4124		8.48	10.0	-15.2	30.0
Toluene	Ave	0.5489	0.5012		9.13	10.0	-8.7	30.0
trans-1,3-Dichloropropene	Ave	0.4027	0.3907		9.70	10.0	-3.0	30.0
1,1,2-Trichloroethane	Ave	0.2503	0.2216		8.85	10.0	-11.4	30.0
Tetrachloroethene	Ave	0.5491	0.5511		10.0	10.0	0.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3923	0.3643		9.29	10.0	-7.1	30.0
Dibromochloromethane	Ave	0.5761	0.6250		10.8	10.0	8.5	30.0
1,2-Dibromoethane	Ave	0.4868	0.4663		9.58	10.0	-4.2	30.0
Chlorobenzene	Ave	0.7431	0.7101		9.55	10.0	-4.5	30.0
Ethylbenzene	Ave	1.119	1.068		9.54	10.0	-4.5	30.0
n-Nonane	Ave	0.4866	0.4244		8.72	10.0	-12.8	30.0
m,p-Xylene	Ave	0.4405	0.4176		19.0	20.0	-5.2	30.0
Xylene, o-	Ave	0.4470	0.4202		9.40	10.0	-6.0	30.0
Styrene	Ave	0.6637	0.6553		9.87	10.0	-1.3	30.0
Bromoform	Ave	0.6002	0.6726		11.2	10.0	12.1	30.0
Cumene	Ave	1.308	1.304		9.96	10.0	-0.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6050	0.5370		8.87	10.0	-11.2	30.0
n-Propylbenzene	Ave	1.472	1.457		9.90	10.0	-1.0	30.0
1,2,3-Trichloropropane	Ave	0.4862	0.4616		9.49	10.0	-5.1	30.0
n-Decane	Ave	0.5879	0.5357		9.11	10.0	-8.9	30.0
4-Ethyltoluene	Ave	1.279	1.325		10.4	10.0	3.6	30.0
2-Chlorotoluene	Ave	1.101	1.082		9.82	10.0	-1.7	30.0
1,3,5-Trimethylbenzene	Ave	1.079	1.068		9.89	10.0	-1.1	30.0
Alpha Methyl Styrene	Ave	0.5236	0.5507		10.5	10.0	5.2	30.0
tert-Butylbenzene	Ave	1.065	1.085		10.2	10.0	1.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab Sample ID: ICV 200-16940/17 Calibration Date: 04/22/2011 22:51

Instrument ID: C.i Calib Start Date: 04/22/2011 14:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/22/2011 18:51

Lab File ID: cju017.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: icv 133740

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.067	1.048		9.82	10.0	-1.8	30.0
sec-Butylbenzene	Ave	1.508	1.510		10.0	10.0	0.1	30.0
4-Isopropyltoluene	Ave	1.324	1.380		10.4	10.0	4.2	30.0
1,3-Dichlorobenzene	Ave	0.7748	0.7829		10.1	10.0	1.0	30.0
1,4-Dichlorobenzene	Ave	0.7692	0.7828		10.2	10.0	1.8	30.0
Benzyl chloride	Ave	0.9563	0.9715		10.2	10.0	1.6	30.0
n-Undecane	Ave	0.5520	0.5190		9.40	10.0	-6.0	30.0
n-Butylbenzene	Ave	1.105	1.120		10.1	10.0	1.3	30.0
1,2-Dichlorobenzene	Ave	0.7340	0.7193		9.80	10.0	-2.0	30.0
n-Dodecane	Ave	0.3239	0.3703		11.4	10.0	14.3	30.0
1,2,4-Trichlorobenzene	Ave	0.4574	0.5181		11.3	10.0	13.3	30.0
Hexachlorobutadiene	Ave	0.5329	0.6118		11.5	10.0	14.8	30.0
Naphthalene	Ave	0.7337	0.8462		11.5	10.0	15.3	30.0
1,2,3-Trichlorobenzene	Ave	0.3256	0.4208		12.9	10.0	29.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab Sample ID: CCVIS 200-17234/2 Calibration Date: 04/28/2011 13:00

Instrument ID: C.i Calib Start Date: 04/22/2011 14:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/22/2011 18:51

Lab File ID: cjud002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 132428

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.7539	0.6829		9.06	10.0	-9.4	30.0
Dichlorodifluoromethane	Ave	3.363	3.315		9.85	10.0	-1.4	30.0
Freon 22	Ave	1.769	1.717		9.71	10.0	-2.9	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.289	3.305		10.0	10.0	0.5	30.0
Chloromethane	Ave	0.8600	0.8198		9.53	10.0	-4.7	30.0
n-Butane	Ave	1.504	1.434		9.53	10.0	-4.6	30.0
Vinyl chloride	Ave	1.003	1.003		10.0	10.0	-0.0	30.0
1,3-Butadiene	Ave	0.7238	0.7019		9.69	10.0	-3.0	30.0
Bromomethane	Ave	0.9505	0.9432		9.92	10.0	-0.8	30.0
Chloroethane	Ave	0.5463	0.5378		9.84	10.0	-1.6	30.0
Isopentane	Ave	1.191	1.110		9.32	10.0	-6.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.035	1.059		10.2	10.0	2.3	30.0
Trichlorofluoromethane	Ave	3.291	3.136		9.53	10.0	-4.7	30.0
n-Pentane	Ave	1.788	1.685		9.42	10.0	-5.7	30.0
Ethanol	Ave	0.3062	0.2993		14.7	15.0	-2.2	30.0
Ethyl ether	Ave	0.7315	0.7111		9.72	10.0	-2.8	30.0
Acrolein	Ave	0.3153	0.3052		9.68	10.0	-3.2	30.0
Freon TF	Ave	2.196	2.163		9.85	10.0	-1.5	30.0
1,1-Dichloroethene	Ave	1.012	0.997		9.86	10.0	-1.4	30.0
Acetone	Ave	1.415	1.340		9.47	10.0	-5.3	30.0
Isopropyl alcohol	Ave	0.9486	0.8595		9.06	10.0	-9.4	30.0
Carbon disulfide	Ave	2.904	2.889		9.95	10.0	-0.5	30.0
3-Chloropropene	Ave	1.238	1.168		9.43	10.0	-5.6	30.0
Acetonitrile	Ave	0.5754	0.5581		9.70	10.0	-3.0	30.0
Methylene Chloride	Ave	1.128	1.060		9.40	10.0	-6.0	30.0
tert-Butyl alcohol	Ave	1.482	1.437		9.70	10.0	-3.0	30.0
Methyl tert-butyl ether	Ave	3.229	3.130		9.69	10.0	-3.1	30.0
trans-1,2-Dichloroethene	Ave	1.630	1.577		9.67	10.0	-3.3	30.0
Acrylonitrile	Ave	0.6172	0.5863		9.50	10.0	-5.0	30.0
n-Hexane	Ave	1.727	1.631		9.45	10.0	-5.5	30.0
Vinyl acetate	Ave	2.260	2.163		9.57	10.0	-4.3	30.0
1,1-Dichloroethane	Ave	2.029	1.950		9.61	10.0	-3.9	30.0
Ethyl acetate	Ave	0.0951	0.0965		10.1	10.0	1.5	30.0
Methyl Ethyl Ketone	Ave	0.4620	0.4506		9.75	10.0	-2.5	30.0
cis-1,2-Dichloroethene	Ave	1.155	1.146		9.92	10.0	-0.8	30.0
Tetrahydrofuran	Ave	0.1739	0.1691		9.73	10.0	-2.7	30.0
Chloroform	Ave	2.573	2.452		9.53	10.0	-4.7	30.0
1,1,1-Trichloroethane	Ave	0.5238	0.5187		9.90	10.0	-1.0	30.0
Cyclohexane	Ave	0.3004	0.3030		10.1	10.0	0.9	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab Sample ID: CCVIS 200-17234/2 Calibration Date: 04/28/2011 13:00

Instrument ID: C.i Calib Start Date: 04/22/2011 14:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/22/2011 18:51

Lab File ID: cjud002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 132428

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.5483	0.5460		9.95	10.0	-0.4	30.0
2,2,4-Trimethylpentane	Ave	0.9822	0.9607		9.78	10.0	-2.2	30.0
Benzene	Ave	0.6560	0.6358		9.69	10.0	-3.1	30.0
1,2-Dichloroethane	Ave	0.3535	0.3451		9.76	10.0	-2.4	30.0
n-Heptane	Ave	0.3554	0.3329		9.37	10.0	-6.3	30.0
n-Butanol	Ave	0.0697	0.0664		9.52	10.0	-4.8	30.0
Trichloroethene	Ave	0.3097	0.3109		10.0	10.0	0.4	30.0
1,2-Dichloropropane	Ave	0.2219	0.2173		9.79	10.0	-2.1	30.0
Methyl methacrylate	Ave	0.1934	0.1957		10.1	10.0	1.1	30.0
1,4-Dioxane	Ave	0.0832	0.0811		9.75	10.0	-2.5	30.0
Dibromomethane	Ave	0.3076	0.3192		10.4	10.0	3.8	30.0
Bromodichloromethane	Ave	0.5247	0.5215		9.94	10.0	-0.6	30.0
cis-1,3-Dichloropropene	Ave	0.3892	0.3825		9.82	10.0	-1.7	30.0
methyl isobutyl ketone	Ave	0.3706	0.3636		9.81	10.0	-1.9	30.0
n-Octane	Ave	0.4861	0.4561		9.38	10.0	-6.2	30.0
Toluene	Ave	0.5489	0.5279		9.62	10.0	-3.8	30.0
trans-1,3-Dichloropropene	Ave	0.4027	0.4024		9.99	10.0	-0.0	30.0
1,1,2-Trichloroethane	Ave	0.2503	0.2436		9.73	10.0	-2.7	30.0
Tetrachloroethene	Ave	0.5491	0.5561		10.1	10.0	1.3	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3923	0.3798		9.68	10.0	-3.2	30.0
Dibromochloromethane	Ave	0.5761	0.5857		10.2	10.0	1.7	30.0
1,2-Dibromoethane	Ave	0.4868	0.4825		9.91	10.0	-0.9	30.0
Chlorobenzene	Ave	0.7431	0.7337		9.87	10.0	-1.3	30.0
Ethylbenzene	Ave	1.119	1.091		9.74	10.0	-2.6	30.0
n-Nonane	Ave	0.4866	0.4491		9.23	10.0	-7.7	30.0
m,p-Xylene	Ave	0.4405	0.4333		19.7	20.0	-1.6	30.0
Xylene, o-	Ave	0.4470	0.4386		9.81	10.0	-1.9	30.0
Styrene	Ave	0.6637	0.6642		10.0	10.0	0.0	30.0
Bromoform	Ave	0.6002	0.6044		10.1	10.0	0.7	30.0
Cumene	Ave	1.308	1.283		9.80	10.0	-2.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6050	0.5807		9.60	10.0	-4.0	30.0
n-Propylbenzene	Ave	1.472	1.441		9.79	10.0	-2.1	30.0
1,2,3-Trichloropropane	Ave	0.4862	0.4607		9.47	10.0	-5.3	30.0
n-Decane	Ave	0.5879	0.5641		9.59	10.0	-4.0	30.0
4-Ethyltoluene	Ave	1.279	1.269		9.92	10.0	-0.8	30.0
2-Chlorotoluene	Ave	1.101	1.038		9.43	10.0	-5.7	30.0
1,3,5-Trimethylbenzene	Ave	1.079	1.053		9.76	10.0	-2.4	30.0
Alpha Methyl Styrene	Ave	0.5236	0.5310		10.1	10.0	1.4	30.0
tert-Butylbenzene	Ave	1.065	1.042		9.78	10.0	-2.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Lab Sample ID: CCVIS 200-17234/2 Calibration Date: 04/28/2011 13:00

Instrument ID: C.i Calib Start Date: 04/22/2011 14:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/22/2011 18:51

Lab File ID: cjud002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

EPA Sample No.: ccvis 132428

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trimethylbenzene	Ave	1.067	1.049		9.83	10.0	-1.6	30.0
sec-Butylbenzene	Ave	1.508	1.477		9.79	10.0	-2.1	30.0
4-Isopropyltoluene	Ave	1.324	1.305		9.86	10.0	-1.4	30.0
1,3-Dichlorobenzene	Ave	0.7748	0.7328		9.46	10.0	-5.4	30.0
1,4-Dichlorobenzene	Ave	0.7692	0.7256		9.43	10.0	-5.7	30.0
Benzyl chloride	Ave	0.9563	0.9126		9.54	10.0	-4.6	30.0
n-Undecane	Ave	0.5520	0.4582		8.30	10.0	-17.0	30.0
n-Butylbenzene	Ave	1.105	1.070		9.69	10.0	-3.1	30.0
1,2-Dichlorobenzene	Ave	0.7340	0.6846		9.33	10.0	-6.7	30.0
n-Dodecane	Ave	0.3239	0.3596		11.1	10.0	11.0	30.0
1,2,4-Trichlorobenzene	Ave	0.4574	0.3638		7.95	10.0	-20.5	30.0
Hexachlorobutadiene	Ave	0.5329	0.5183		9.72	10.0	-2.7	30.0
Naphthalene	Ave	0.7337	0.6241		8.50	10.0	-14.9	30.0
1,2,3-Trichlorobenzene	Ave	0.3256	0.3043		9.34	10.0	-6.5	30.0

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID:	GFT	Start Date: 4/15/11	Time: 0857	ISTD Lot #:	80049	Instrument ID: G
Test Method:	TO15	End Date: 4/16/11	Time: 0857	CAL STD Lot #	see comment	Instrument: 5973
ICAL Date:	4/15/11			ICV / LCS Lot #	see comment	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial	Mark Phillips MTP	William DeJarnett WD			
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0857	GFT 001	N/A	BFB	NA	NA	NA	WRD	NA	NA	WRD	
0949	002	4633	VIBLK		1	200			✓		
1042	003	5292	Level 1		2				✓		132519
1133	004	3643	Level 2		3				✓		132517
1224	005	3482	Level 3		4				✓		132507
1316	006	N/A	Lab Air		5						Can not attached
1407	007	3044	Level 4		5				✓		132429
1458	008	3150	Level 5		6				✓		132422
1549	009	2575	Level 6		7				✓		132406
1640	010	2961	Level 7		8				✓		132405
1732	011	4633	VIBLK		1				✓		
1823	012	5014	ICV		9			✓	✓		133740
1904	013	4633	MB		1			✓	✓		

4/18/11

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

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GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability		Instrument Information
Batch ID: GFIE	Start Date: 4/22/11	Time: 0835	ISTD Lot #: 80049		Instrument ID: G
Test Method: TO15	End Date: 4/23/11	Time: 0835	CAL STD Lot # 132429		Instrument: 5973
ICAL Date: 4/15/11			ICV / LCS Lot # 133726		Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0835	GFIE001		BFB				WHD			WHD	
0927	002	3544	CCV		1	200			✓		AG
1018	003	3413	LCS X		2						Blown mod 2
1109	004	3413	LCX X		2	200					heater.
1200	005	4634	MB X		3						
1419	006	3413	LCS		2			✓	✓		AG
1510	007	4634	MB		3			✓	✓		
1603	008	2859	4747-9	0.2	4	1000		✓	✓		
1655	009	2601	4788-9		5			✓	✓		
1748	010	3474	4790-2		6			✓	✓		
1840	011	4140	4765-5		7			✓	✓		
1932	012	2899	4766-7		8			✓	✓		
2025	013	4012	4798-4		9			✓	✓		
2118	014	4906	~~4906-10~~ 4788-10		10			✓	✓		
2209	015	4088	4705-2	2	11	100		✓	✓	DL	C
2300	016	4791	-10	↓	12	↓		✓	✓	DL	C
2351	017	3486	-14	70.1	13	168		✓	✓	DL	CDF 58.88
0043	018	↓	-14	346	13	34		✓	↓		↓ ↓ A
0134	019	3336	-15	10	14	20		✓	✓		
0225	020	4286	-16	130	15	112		✓	✓	DL	CDF 72.93
0317	021	↓	-16	663	15	22		✓	↓		↓ ↓ A
0409	022	4150	-17	10	16	40		✓	✓		CDF 2.00 C
0500	023	↓	-17	20	16	20		✓	↓		↓ ↓ A
0551	024	4020	4780-1	3.04	1	66	WHD	✓	↑		Freon TF 43 O.C.
0642	025	4139	-3	47.0	2	20		✓	✓		CDF 4.70 C
0733	026	4445	-5	30.5	3	30		✓	✓		↓ 4.57 C
	027	~~[illegible]~~	~~4[illegible]66-1~~	~~200~~	~~4~~	~~50~~					~~1.50~~ [illegible] 4/25/11

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Instrument ID: G.i Start Date: 04/15/2011 08:57

Analysis Batch Number: 16675 End Date: 04/15/2011 19:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-16675/1		04/15/2011 08:57	1	gfi001.d	RTX-624 0.32(mm)
VIBLK 200-16675/2		04/15/2011 09:49	1		RTX-624 0.32(mm)
IC 200-16675/3		04/15/2011 10:42	1	gfi003.d	RTX-624 0.32(mm)
IC 200-16675/4		04/15/2011 11:33	1	gfi004.d	RTX-624 0.32(mm)
IC 200-16675/5		04/15/2011 12:24	1	gfi005.d	RTX-624 0.32(mm)
ZZZZZ		04/15/2011 13:16	1		RTX-624 0.32(mm)
ICIS 200-16675/7		04/15/2011 14:07	1	gfi007.d	RTX-624 0.32(mm)
IC 200-16675/8		04/15/2011 14:58	1	gfi008.d	RTX-624 0.32(mm)
IC 200-16675/9		04/15/2011 15:49	1	gfi009.d	RTX-624 0.32(mm)
IC 200-16675/10		04/15/2011 16:40	1	gfi010.d	RTX-624 0.32(mm)
VIBLK 200-16675/11		04/15/2011 17:32	1		RTX-624 0.32(mm)
ICV 200-16675/12		04/15/2011 18:23	1	gfi012.d	RTX-624 0.32(mm)
ZZZZZ		04/15/2011 19:14	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-4766-1

SDG No.:

Instrument ID: G.i Start Date: 04/22/2011 08:35

Analysis Batch Number: 16922 End Date: 04/23/2011 07:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-16922/1		04/22/2011 08:35	1	gfie001.d	RTX-624 0.32(mm)
CCVIS 200-16922/2		04/22/2011 09:27	1	gfie002.d	RTX-624 0.32(mm)
ZZZZZ		04/22/2011 10:18	1		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 11:09	1		RTX-624 0.32(mm)
VIBLK 200-16922/5		04/22/2011 12:00	1		RTX-624 0.32(mm)
LCS 200-16922/6		04/22/2011 14:19	1	gfie006.d	RTX-624 0.32(mm)
MB 200-16922/7		04/22/2011 15:10	1	gfie007.d	RTX-624 0.32(mm)
ZZZZZ		04/22/2011 16:03	0.2		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 16:55	0.2		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 17:48	0.2		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 18:40	0.2		RTX-624 0.32(mm)
200-4766-7	2899	04/22/2011 19:32	0.2	gfie012.d	RTX-624 0.32(mm)
ZZZZZ		04/22/2011 20:25	0.2		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 21:18	0.2		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 22:09	2		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 23:00	2		RTX-624 0.32(mm)
ZZZZZ		04/22/2011 23:51	70.1		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 00:43	346		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 01:34	10		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 02:25	130		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 03:17	663		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 04:09	10		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 05:00	20		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 05:51	3.04		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 06:42	47		RTX-624 0.32(mm)
ZZZZZ		04/23/2011 07:33	30.5		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Instrument ID: C.i Start Date: 04/22/2011 09:53

Analysis Batch Number: 16940 End Date: 04/22/2011 23:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-16940/1		04/22/2011 09:53	1	cju001.d	RTX-624 0.32(mm)
VIBLK 200-16940/2		04/22/2011 10:40	1		RTX-624 0.32(mm)
VIBLK 200-16940/3		04/22/2011 11:27	1		RTX-624 0.32(mm)
VIBLK 200-16940/4		04/22/2011 12:27	1		RTX-624 0.32(mm)
VIBLK 200-16940/5		04/22/2011 13:14	1		RTX-624 0.32(mm)
IC 200-16940/6		04/22/2011 14:03	1	cju006.d	RTX-624 0.32(mm)
IC 200-16940/7		04/22/2011 14:51	1	cju007.d	RTX-624 0.32(mm)
IC 200-16940/8		04/22/2011 15:39	1	cju008.d	RTX-624 0.32(mm)
ICIS 200-16940/9		04/22/2011 16:27	1	cju009.d	RTX-624 0.32(mm)
IC 200-16940/10		04/22/2011 17:15	1	cju010.d	RTX-624 0.32(mm)
IC 200-16940/11		04/22/2011 18:03	1	cju011.d	RTX-624 0.32(mm)
IC 200-16940/12		04/22/2011 18:51	1	cju012.d	RTX-624 0.32(mm)
VIBLK 200-16940/13		04/22/2011 19:39	1		RTX-624 0.32(mm)
VIBLK 200-16940/14		04/22/2011 20:27	1		RTX-624 0.32(mm)
ICV 200-16940/15		04/22/2011 21:15	1		RTX-624 0.32(mm)
VIBLK 200-16940/16		04/22/2011 22:03	1		RTX-624 0.32(mm)
ICV 200-16940/17		04/22/2011 22:51	1	cju017.d	RTX-624 0.32(mm)
VIBLK 200-16940/18		04/22/2011 23:39	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-4930-1

SDG No.:

Instrument ID: C.i Start Date: 04/28/2011 12:13

Analysis Batch Number: 17234 End Date: 04/29/2011 11:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-17234/1		04/28/2011 12:13	1	cjud001.d	RTX-624 0.32 (mm)
CCVIS 200-17234/2		04/28/2011 13:00	1	cjud002.d	RTX-624 0.32 (mm)
LCS 200-17234/3		04/28/2011 13:48	1	cjud003.d	RTX-624 0.32 (mm)
MB 200-17234/4		04/28/2011 15:05	1	cjud004.d	RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 15:57	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 16:50	0.2		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 17:38	10		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 18:26	40.5		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 19:14	100		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 20:03	499		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 20:51	604		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 21:39	3020		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 22:28	10		RTX-624 0.32 (mm)
ZZZZZ		04/28/2011 23:17	40		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 00:05	199		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 00:53	1		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 01:41	1		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 02:29	0.8		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 03:17	10		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 04:06	10		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 04:54	0.8		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 05:42	20		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 06:30	0.8		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 07:19	0.8		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 08:07	0.8		RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 08:55	0.8		RTX-624 0.32 (mm)
200-4930-10	4351	04/29/2011 10:35	0.2	cjud027.d	RTX-624 0.32 (mm)
ZZZZZ		04/29/2011 11:27	0.2		RTX-624 0.32 (mm)

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: CJU	Start Date: 4/22/11	Time: 0953	ISTD Lot #: 84578	Instrument ID: C
Test Method: TOLS / TOLSNJ-LL	End Date: 4/23/11	Time: 0953	CAL STD Lot #: See comments	Instrument: 5973
ICAL Date: 4/22/11			ICV / LCS Lot #: See comments	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial	Mark Phillips	Paul Daigle			
Signature	Mark Phillips	PAD 4/25/11 PAD			

	Sequence Information							Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0953	CJU001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1040	002	4632	VIBLK		1	200		✓	✓		
1127	003				1			✓	✓		
1227	004				1			✓	✓		
1314	005				1			✓	✓		
1403	006	3308	IC-01		2			N/A	✓		132521
1451	007	3643	IC-02		3				✓		132517
1539	008	3482	IC-03		4				✓		132507
1627	009	3865	ICIS 04		5				✓		132428
1715	010	3155	IC-05		6				✓		132422
1803	011	2575	IC-06		7				✓		132406
1851	012	2961	IC-07		8				✓		132405
1939	013	4632	VIBLK		1			✓	✓		
2027	014				1			✓	✓		
2115	015	5014	N/A		9			✓	↓		133740 R
2203	016	4632	VIBLK		1			✓	✓		
2251	017	5014	ICV		9			✓	✓		AG 133740
2339	018	4632	VIBLK		1			✓	✓		

Legend: C=Complete • R=Reanalyze • = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: CJUD	Start Date: 4/28/11	Time: 1213	ISTD Lot #: 84578	Instrument ID: C
Test Method: TO15	End Date: 4/29/11	Time: 1213	CAL STD Lot # 132428	Instrument: 5973
ICAL Date: 4/22/11			ICV / LCS Lot # 134374	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1213	CJUD001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1300	002	3865	CCV		1	200			✓		AG
1348	003	3960	LCS		2	200		✓	✓		
1505	004	4632	MB		3	200		✓	✓		
1557	005	4098	4863-02	0.2	4	1000		✓	✓		
1650	006	5152	4906-04	0.2	5	1000		✓	✓		
1938	007	4280	4727-1	10	6	162	WRD	✓	↑ ✓		CDF 8.10 C
1826	008	4280	4727-1	40.5	6	40		✓	✓		" C
1914	009	4852	4835-7	100	7	100		✓	↑ ✓		CDF 49.80 C
2003	010	4852	-7	499	7	20		✓	✓		" C
2051	011	3594	-8	604	8	100		✓	↑ ✓		CDF 30.42 C
2139	012	3594	-8	3020	8	20		✓	✓		" C
2228	013	4482	-9	10	9	20		✓	✓		C
2317	014	3358	-10	40	10	100		✓	↑ ✓		CDF 19.92 C
0005	015	3358	-10	99	10	20		✓	✓		" C
0053	016	3361	4903-1	1	11	200		✓	✓		C
0141	017	3431	" -2	1	12	200		✓	✓		C
0229	018	3129	4875-1	0.8	13	250		✓	✓		C
0317	019	4545	-2	10	14	20		✓	✓		C TICs
0406	020	2605	-3	10	15	20		✓	✓		C TICs
0454	021	3227	" -4	0.8	16	250		✓	✓		C
0542	022	3151	-5	20	1	10		✓	✓		C TICs
0630	023	2595	-6	0.8	2	250		✓	✓		C
0719	024	4780	-7		3			✓	✓		C
0807	025	3006	-8		4			✓	✓		C
0855	026	4283	" -9		5			✓	✓		C
1035	027	4351	4930-10	0.2	3	1000		✓	✓		

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GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability	Instrument Information
Batch ID: CJUD	Start Date: 4/28/11	Time: 1213		ISTD Lot #:	Instrument ID: C
Test Method: TO15	End Date: 4/29/11	Time: 1213		CAL STD Lot #	Instrument: 5973
ICAL Date: 4/22/11				ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial					
Signature					

Sequence Information								Individual Sample Review			
Injection Time	TALS ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1127	CJUD028	4010	4931-02	0.2	4	1000	PAD	✓	✓	PAD	

PAD

4/29/11

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Shipping and Receiving Documents

Post-Sampling Air Canister Pressure Check Record

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Lab Temp (°C)	Pressure Gauge ID	Analyst
SCS Engineers	200-5182	5/16/11	21:18	29.5	22	G4	DPD

[illegible]	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		- ID for all: 4FLZ3 · theirs?
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Line ID	Canister ID	Pressure (Hg)	Anomaly (Y/N)	FC ID	FC Return (Y/N)	Can Cal Batch ID	Comments
1	5025	-5.2	N	4FLZ3	N	4351 CJUD	
2	4786	-5.7	↓	↓	↓	2899 GFIE	
3	4348	-5.7	↓	↓	↓	4351 CJUD	

DPD 5/16/11

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # _____

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	27APR11NMOC	4/27/11	1049	4/28/11	1049	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN103C	27APR113C	04/27/11	1521	4/28/11	1521	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
1049	IC1 A	NA			4	NA		✓		MGW	138492
1105	B							✓			
1121	C							✓			
1137	ICRT A				5			✓			138491
1152	B							✓			
1208	C							✓			
1224	IC3 A				6			✓			138490 [illegible]
1248	B							✓			
1256	C							✓			
1334	ICV A				5			✓			138505
1395	B							✓			
1416	C							✓			
1427	LCS A							✓			
1443	B							✓			
1458	C							✓			
1521	3CCCV042711 A				2				✓		118008
1537	B								✓		
1557	3CLCS042711A				2				✓		118024
1613	B								✓		
1636	MB042711 A				16	NA		✓	✓		Use A,B for 3C
1652	B							✓	✓		
1708	C							✓	—		
1724	200-4727-A-1	A 1428-SALEM-041311	NA	4280	4	2.19		✓	✓		Use A,B for 3C
1739		B						✓	✓		
1755		C						✓	—		
1811	200-4859-A1	A PV-2		2848	5	1.41			✓		Use A,B for 3C
1827		B							✓		
1843		C							—		

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AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11 NMOC	27APR11 NMOC	04/27/11	1049	04/28/11	1049	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN103C	27APR113C	04/27/11	1521	04/28/11	1521	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0741	3CCCVC04711A	NA		NA	2	NA			✓	MW	~~138491~~ 118008 MW 4/28/11
0757	| B			|	1	NA			✓	|	|
0820	25CCCVC04711A			|	5	|		✓		|	138491
0836	| B			|	|	|		✓		|	|
0851	| C			|	|	|		✓		|	|

MW 4/28/11

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AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	1134N/03C	17MAY113C	05/17/11	0755	5/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability
0755	3CCCV051711A	NA			2	NA			✓	MP	118008
0811	B								✓		
0839	3CLCS051911A								✓		118024
0855	B								✓		
0928	25CCCV051711 A				4			↓			138491
0944	B							✓			
1000	C							✓			
1027	D							✓			
1049	25CLCS051711	A			5			✓			138505
1106		B						✓			
1124		C						✓			
1144	MB051711 A				6			✓	✓		
1156	B							✓	✓		
1215	C							✓	—		
1243	2W-50%-A-1 A	EXT-1		5142	4	1.63			—		Use B,C for 3C
1259	B								✓		
1315	C								✓		
1331	2W-5182-A-1 A	VLF#5		5025	5	1.66			✓		Use A,B for 3C
1347	B								✓		
1402	C								—		
1418	A-2A	VLF#6		4786	6	1.73			—		Use B,C for 3C
1434	B								✓		
1450	C								✓		
1506	A-3A	VLF#7		4348	7	1.72			✓		Use A,B for 3C
1522	B								✓		
1538	C								—		
0701	3CCCV051711 A	NA			2	NA					118008
0717	B										

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AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN03C	17MAY11 3C	05/17/11	0755	05/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0745	25CCCUC051711A	M		-	5	NA		✓		MRW	138491
0810	B							✓			
0816	C							✓			

MRW
5/18/11

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AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC							Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN10 3C	11JUN10 3C	6/11/10	1011	6/12/10	1011	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial		Paul Daigle		
Signature		Paul D/ PAD		

Injection Time	LAB ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0955	CAL1A	N/A			3	N/A			↑	PAD	.05% FG's 27687
1011	" B				"				✓		" "
1027	CAL2A				4				✓		.5% FG's 27825
1043	" B				"				✓		" "
1058	CAL3A				5				✓		2.5% FG's 27826
1114	" B				"				✓		" "
1136	CAL1C				3				✓		.05% FG's 27687
1238	CAL4A				6				✓		5% FG's 21633
1254	" B				"				✓		" "
1400	CAL5A				7				✓		Zero Air 19640
1416	" B				"				✓		" "
1438	CAL6A				8				✓		100% CO_2 27827
1454	" B				"				✓		" "
1528	CAL7A				9				✓		100% N_2 14518
1544	" B				"				✓		" "
1633	CAL8A				10				↓		100% CH_4 27832
1649	" B				"				✓		" "
1738	" C				"				✓		" "
1803	ICVA				11				✓		21632
1819	" B				"				✓		"

PAD 6/14/10

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AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	17MAY11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	17MAY11N03C	17MAY113C	05/17/11	0755	5/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability
0755	3CCCV051711A	NA			2	NA			✓	MN	118008
0811	B								✓		
0839	3CLCS051711A								✓		118024
0855	B								✓		
0928	25CCCV051711 A				4			↓			138491
0944	B							✓			
1000	C							✓			
1017	D							✓			
1049	25CLCS051711	A			5			✓			138505
1105		B						✓			
1121		C						✓			
1147	MB051711 A				16			✓	✓		
1203	B							✓	—		
1219	C							✓	—		
1243	20-5078-A-1	A EXT-1		5142	4	1.63			—		use B,C for 3C
1259	B								✓		
1315	C								✓		
1331	20-5182-A-1	A VLF#5		5025	5	1.66			✓		Use A,B for 3C
1347	B								✓		
1402	C								—		
1418	A-2A	VLF#6		4786	6	1.73			—		Use B,C for 3C
1434	B								✓		
1450	C								✓		
1506	A-3A	VLF#7		4348	7	1.72			✓		Use A,B for 3C
1522	B								✓		
1538	C								—		
0701	3CCCV051711A	NA			2	NA					118008
0717	S										

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AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	27APR11NMOC	17MAY11NMOC	05/17/11	0944	05/18/11	0944	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	11JUN03C	17MAY11 3C	05/17/11	0755	05/18/11	0755	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0745	25CCCVC051711A	M		-	5	NA		✓		MW	138491
0800	⊥ B				⊥			✓			⊥
0816	⊥ C				⊥			✓			⊥

MW
5/18/11

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Page 323 of 329

SHIPPER'S DECLARATION FOR DANGEROUS GOODS (Provide at least three copies to airline.)

Shipper
Randy Mills
SCS Engineers
2060 Reading Road
Suite #200
Cincinnati OH 45202 US

Air Waybill No. 472989866601

Page 1 of 1 Page(s)

Shipper's Reference Number *(optional)*

Consignee
Don Dawicki
TestAmerica
30 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403 US

FedEx® Express

Two completed and signed copies of this Declaration must be handed to the operator

WARNING

Failure to comply with all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law ,subject to legal penalties.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non applicable)

[redacted] CARGO AIRCRAFT ONLY

Airport of Departure: Cincinnati

Airport of Destination: SOUTH BURLINGT XHBTVA

Shipment type: *(delete non applicable)* [redacted] NON-RADIOACTIVE

NATURE AND QUANTITY OF DANGEROUS GOODS

UN Number or identification Number, proper shipping name, Class or Division (subsidiary risk), packing group (if required), and all other required information.

UN 1971, Methane, compressed(Landfill Gas),2.1// 1 1 Fiberboard box x 0.1 kg X 0.10 kg//200

Additional Handling Information

I declare that all of the applicable air transport requirements have been met.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and National Governmental Regulations. I declare that all of the applicable air transport requirements have been met.

Name/Title of Signatory
Randall C. Mills/Senior Project Scientist

Place and Date
Cincinnati, OH 05/12/2011

Signature *(see warning above)* Randy Mills

Randall C Mills

8005535053 *Emergency Telephone Number*

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT. ADR EUROPEAN TRANSPORT STATEMENT: CARRIAGE IN ACCORDANCE WITH 1.1.4.2.1

LOGOS #157295 6/01 WCS

SHIPPER'S DECLARATION FOR DANGEROUS GOODS (Provide at least three copies to airline.)

Shipper Randy Mills SCS Engineers 2060 Reading Road *Suite #200* Cincinnati OH 45202 US	**Air Waybill No.** 472989866601 **Page 1 of 1 Page(s)** **Shipper's Reference Number** *(optional)*
Consignee Don Dawicki TestAmerica 30 COMMUNITY DR STE 11 SOUTH BURLINGTON VT 05403 US	FedEx® Express
Two completed and signed copies of this Declaration must be handed to the operator	**WARNING** **Failure to comply with all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law ,subject to legal penalties.**
TRANSPORT DETAILS **This shipment is within the limitations prescribed for: (delete non applicable)** CARGO AIRCRAFT ONLY **Airport of Departure** Cincinnati	
Airport of Destination: SOUTH BURLINGT XHBTVA	**Shipment type:** *(delete non applicable)* NON-RADIOACTIVE

NATURE AND QUANTITY OF DANGEROUS GOODS

UN Number or Identification Number, proper shipping name, Class or Division (subsidiary risk), packing group (if required), and all other required information.

UN 1971, Methane, compressed(Landfill Gas),2.1// 1 1 Fiberboard box x 0.1 kg X 0.10 kg//200

Additional Handling Information

I declare that all of the applicable air transport requirements have been met.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations. I declare that all of the applicable air transport requirements have been met.	**Name/Title of Signatory** Randall C. Mills/Senior Project Scientist **Place and Date** Cincinnati, OH 05/12/2011 **Signature** *(see warning above)* Randy Mills Randall C Mills
8005535053 *Emergency Telephone Number*	

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT. ADR EUROPEAN TRANSPORT STATEMENT: CARRIAGE IN ACCORDANCE WITH 1.1.4.2.1

LOGOS #157295 6/01 WCS

SHIPPER'S DECLARATION FOR DANGEROUS GOODS (Provide at least three copies to airline.)

Shipper
Randy Mills
SCS Engineers
2060 Reading Road
Suite #200
Cincinnati OH 45202 US

Air Waybill No. 472989866601

Page 1 of 1 Page(s)

Shipper's Reference Number *(optional)*

Consignee
Don Dawicki
TestAmerica
30 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403 US

FedEx® Express

Two completed and signed copies of this Declaration must be handed to the operator

WARNING

Failure to comply with all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law ,subject to legal penalties.

TRANSPORT DETAILS

This shipment is within the limitations prescribed for: (delete non applicable)

CARGO AIRCRAFT ONLY

Airport of Departure
Cincinnati

Airport of Destination: SOUTH BURLINGT XHBTVA

Shipment type: *(delete non applicable)*
NON-RADIOACTIVE

NATURE AND QUANTITY OF DANGEROUS GOODS

UN Number or identification Number, proper shipping name, Class or Division (subsidiary risk), packing group (if required), and all other required information.

UN 1971, Methane, compressed(Landfill Gas),2.1// 1 1 Fiberboard box x 0.1 kg X 0.10 kg//200

Additional Handling Information

I declare that all of the applicable air transport requirements have been met.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations. I declare that all of the applicable air transport requirements have been met.

Name/Title of Signatory
Randall C. Mills/Senior Project Scientist

Place and Date
Cincinnati, OH 05/12/2011

Signature *(see warning above)* Randy Mills

Randall C Mills

8005535053 *Emergency Telephone Number*

FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT. ADR EUROPEAN TRANSPORT STATEMENT: CARRIAGE IN ACCORDANCE WITH 1.1.4.2.1

PLEASE FOLD THIS SHIPPING DOCUMENT IN HALF AND PLACE IT IN A WAYBILL POUCH AFFIXED TO YOUR SHIPMENT SO THAT THE BARCODE PORTION OF THE LABEL CAN BE READ AND SCANNED. ***WARNING: USE ONLY THE PRINTED ORIGINAL LABEL FOR SHIPPING. USING A PHOTOCOPY OF THIS LABEL FOR SHIPPING PURPOSES IS FRAUDULENT AND COULD RESULT IN ADDITIONAL BILLING CHARGES, ALONG WITH THE CANCELLATION OF YOUR FEDEX ACCOUNT NUMBER.

From: Origin ID: LUKA (513) 421-5353
RANDY MILLS
SCS ENGINEERS
2060 READING ROAD
SUITE #200
CINCINNATI, OH 45202

FedEx Express

Ship Date: 12MAY11
ActWgt: 30.0 LB MAN
CAD: 800530/CAFE2472

Delivery Address Bar Code

Ref # 05199008.02
Invoice #
PO #
Dept #

SHIP TO: (802) 923-1026 BILL SENDER
DON DAWICKI
TESTAMERICA
30 COMMUNITY DR STE 11

SOUTH BURLINGTON, VT 05403

TRK# 0201 4729 8986 6601

FRI - 13 MAY A4
PRIORITY OVERNIGHT
ADG ASR

05403
VT-US
BTV

XH BTVA

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: GARY SAYLOR, PE	Samples Collected By: M. BOYLES	1 of 1 COCs
Company: SCS ENGINEERS INC	Phone: 513-421-5353 x 107		
Address: 2060 READING ROAD	Email: gsaylor@scsengineers.com		
City/State/Zip CINCINNATI, OH 45202			
Phone: 513-421-5353	Site Contact:		
FAX: 513-421-2847	TA Contact:		
Project Name: VALLEY CREST STACK	Analysis Turnaround Time		
Site: VALLEY CREST LF, DAYTON, OH	Standard (Specify) X		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type: Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
VLF #5	5-12-11	10:43	11:03	-28.86	-4.43	4FLZ3	5025			X	X						X	
VLF #6	5-12-11	11:11	11:31	-28.64	-4.96	4FLZ3	4786			X	X						X	
VLF #7	5-12-11	11:43	12:03	-28.36	-4.82	4FLZ3	4348			X	X						X	

Temperature (Fahrenheit)	Interior	Ambient
Start		83°F
Stop		88°F

Pressure (Inches of Hg)	Interior	Ambient
Start		29.94
Stop		29.93

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date/Time:	Samples Received by:
Samples Relinquished by:	Date/Time: 5/12/11 1415	Received by: Randall C Miller
Relinquished by: Randall C Miller	Date/Time: 5/12/11 1730	Received by: 5/14/11 1010

Lab Use Only Shipper Name: Opened by: Cond/Notes

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 200-5182-1

Login Number: 5182
List Number: 1
Creator: Marion, Greg T

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	107146, 145
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	Check done at department level as required.

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

August 10, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – July 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for July 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 198 – July 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries); and,
  - The third quarter 2011 combustible gas indicator checks were successfully performed on July 26, 2011.
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of July 2011 are presented as Attachment A of this report.

F. Planned Activities for the Next Reporting Period (August 2011)

- Develop Monthly Progress Report #198 summarizing activities in July 2011 for submission to the U.S. EPA; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (August 2011)

- August 10 - Anticipated submittal of the July 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	07/08	U.S. EPA.	Monthly Progress Report for the Month of June 2011.

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/20/2011

Subject: LFG Monitoring Summary - Week of 06/27/11 - 07/03/11

Summary: All CPs remained in compliance this week.
There were seven (7) flare flame failures due to low methane or other issues.
Flare operating cycles were 180 to 360 mins ON and 240 to 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 1, 2011 with temps of 74°F to 85°F and mostly cloudy conditions.
Vacuum readings were last taken on June 27, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/27/2011	--	--	5:00	8:00	12:00	1:30#	--	--	4.5
6/28/2011	--	--	--	--	2:00#	--	--	--	0.0
6/29/2011	--	--	--	--	1:30	5:30	9:30	10:00#	4.5
6/30/2011	--	--	9:00*	--	--	3:00	9:00@	12:00	9.0
7/1/2011	0:00#	--	8:00*	--	--	1:00	7:00@	11:30#	9.5
7/2/2011	--	--	8:00	8:30#	--	--	--	--	0.5
7/3/2011	--	--	8:00:	8:30#	--	--	--	--	0.5

Notes: # = Flare shut down during operation. Total Hrs. = 28.5

* = Flare reset to operate full time with propane.

@ = Flare reset to operate full time with methane.

+ = Other reason

Times represent Flare Clock which is set to EST plus 65 minutes.

Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/27/2011	--	--	--	--	--
6/28/2011	--	--	--	--	--
6/29/2011	--	--	--	--	--
6/30/2011	--	--	--	--	--
7/1/2011	GV, S&EW, CPs & TGP/GP	9:00A - 4:00P	0.0	30.05 - 30.04	S-F
7/2/2011	--	--	--	--	--
7/3/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	27-Jun		28-Jun		29-Jun		30-Jun		1-Jul		2-Jul		3-Jul	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	27-Jun		28-Jun		29-Jun		30-Jun		1-Jul		2-Jul		3-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	13.6	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	13.6	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	10.1	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 20 - Jun 26, 2011						Week of:	Jun 27 - Jul 03, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.40	--	--	--	--	--
GV1-1	--	60	0.4	4.4	15	80	GV1-1	--	68	0.4	15.5	4.2	80
GV1-2	--	60	45.1	0.0	27	28	GV1-2	--	68	39.6	0.2	27	33
GV1-3	--	62	34.3	0.0	25	41	GV1-3	--	70	31.3	0.0	25	44
GV1-4	--	68	41.7	0.0	26	32	GV1-4	--	72	35.4	0.0	25	40
GV1-5	--	68	39.1	0.0	26	35	GV1-5	--	78	32.6	0.0	25	42
GV1-6	--	68	30.5	0.0	24	46	GV1-6	--	78	24.7	0.0	23	52
GV1-7	--	64	12.4	0.0	19	69	GV1-7	--	74	16.7	0.0	20	63
GV1-8	--	64	12.1	0.0	21	67	GV1-8	--	76	12.4	1.2	20	66
GV1-9	--	62	11.2	0.0	19	70	GV1-9	--	74	11.6	0.7	18	70
GV1-10X	--	68	11.9	0.0	19	69	**GV1-10X**	--	80	17.6	0.6	20	62
GV1-11	--	64	5.4	11.2	7.3	76	GV1-11	--	76	7.3	8.5	10	74
GV1-12	--	68	14.9	0.0	20	65	GV1-12	--	76	10.1	0.0	20	70
GV1-13	--	62	8.9	0.0	18	73	GV1-13	--	74	8.5	0.0	17	75
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-0.90	--	--	--	--	--
GV1b-1	--	--	0.4	14.1	4.5	81	GV1b-1	--	--	0.5	14.1	4.1	81
GV1b-2	--	68	3.8	11.6	8.7	76	GV1b-2	--	74	3.8	8.7	10	78
GV1b-3	--	64	1.4	13.7	5.7	79	GV1b-3	--	72	0.8	14.8	4.0	80
GV1b-4	--	68	0.3	10.7	9.1	80	GV1b-4	--	76	0.2	11.9	7.2	81
GV1b-5	--	66	0.7	2.0	16	81	GV1b-5	--	72	0.8	4.0	13	82
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.20	--	--	--	--	--
GV2-1	--	74	3.5	13.4	6.1	77	GV2-1	--	72	3.0	15.1	4.5	77
GV2-2	--	74	2.9	6.7	12	78	GV2-2	--	78	0.2	13.1	6.4	80
GV2-3	--	78	18.6	1.9	18	62	GV2-3	--	80	9.8	3.5	14	73
GV2-4	--	88	5.1	5.5	12	77	GV2-4	--	88	3.8	4.4	12	80
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.20	--	--	--	--	--
GV3-1	--	--	58.8	0.0	26	15	GV3-1	--	--	57.0	0.0	25	18
GV3-2	--	--	41.8	0.0	24	34	GV3-2	--	--	39.1	0.4	23	38
GV3-3	--	--	0.0	18.2	2.0	80	GV3-3	--	--	0.0	18.4	1.6	80
GV3-4	--	68	0.8	10.7	7.9	81	GV3-4	--	80	0.9	11.2	7.2	81
GV3-5	--	--	4.9	5.1	13	77	GV3-5	--	--	3.8	5.3	12	79
GV3-6	--	--	2.4	0.0	16	82	GV3-6	--	--	1.8	0.0	15	83
GV3-7	--	--	0.0	2.5	15	83	GV3-7	--	--	0.2	2.5	13	84
GV3-8	--	--	1.5	0.2	12	86	GV3-8	--	--	1.9	0.0	12	86
GV3-9	--	--	8.6	3.7	11	77	GV3-9	--	--	7.7	3.6	11	78
GV3-10 X	--	--	0.6	4.8	12	83	**GV3-10 X**	--	--	0.1	6.5	10	83
GV3-11	--	--	0.3	3.2	13	84	GV3-11	--	--	2.1	2.3	14	82
GV3-12	--	--	0.0	10.8	7.2	82	GV3-12	--	--	0.0	8.8	9.1	82
GV3-13	--	--	1.0	6.5	11	82	GV3-13	--	--	1.7	6.6	11	81
GV3-14	--	--	29.8	2.2	18	50	GV3-14	--	--	28.5	1.9	18	52
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.30	--	--	--	--	--
GV4-C	--	68	0.6	4.4	11	84	GV4-C	--	80	0.6	5.1	11	83
GV4-B	--	--	1.0	5.7	10	83	GV4-B	--	--	0.9	5.9	9.3	84
GV4-A	--	--	1.0	12.4	6.5	80	GV4-A	--	--	0.7	12.8	6.0	81
GV4-1	--	--	2.2	6.7	11	80	GV4-1	--	--	1.1	11.1	7.6	80
GV4-2	--	--	7.4	1.4	16	75	GV4-2	--	--	4.6	3.8	14	78
GV4-3	--	--	3.5	8.4	10	78	GV4-3	--	--	2.3	9.5	8.3	80
GV4-4 X	--	--	0.0	19.2	0.2	81	**GV4-4 X**	--	--	0.0	19.6	0.0	80
GV4-5	--	--	19.6	0.7	19	61	GV4-5	--	--	12.2	7.8	12	68
GV4-6	--	--	4.7	8.8	9.0	78	GV4-6	--	--	2.8	10.2	7.9	79
GV4-7	--	--	23.8	0.0	21	55	GV4-7	--	--	21.4	1.4	20	57
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.50	--	--	--	--	--
GV5-1	--	74	0.1	19.4	0.1	80	GV5-1	--	80	21.4	9.1	11	59
GV5-2	--	--	0.0	20.1	0.1	80	GV5-2	--	--	28.6	3.2	14	54
	--	--	28.7	0.2	23	48	GV5-3	--	--	27.9	0.0	23	49
GV5-4	--	--	14.9	6.7	13	65	GV5-4	--	--	24.6	0.9	21	54
GV5-5	--	--	13.4	8.4	12	66	GV5-5	--	--	13.5	5.8	13	68
GV5-6	--	--	19.7	5.4	18	59	GV5-6	--	--	24.0	4.4	17	55
GV5-7	--	--	15.2	4.8	15	65	GV5-7	--	--	21.3	8.8	15	55
GV5-8	--	--	20.9	0.0	23	56	GV5-8	--	--	16.0	1.5	19	64
GV5-9	--	--	20.9	0.0	23	56	GV5-9	--	--	17.2	0.0	22	61

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 20 - Jun 26, 2011						Week of:	Jun 27 - Jul 03, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	27.1	0.7	21	51	EW-1	-0.60	--	22.6	0.8	21	56
EW-2	--	--	0.0	5.2	14	81	EW-2	-0.50	--	0.0	5.1	13	82
EW-3	--	--	19.8	1.1	18	61	EW-3	-0.30	--	13.1	1.0	15	71
EW-4	--	--	28.0	0.0	23	49	EW-4	--	--	18.8	0.0	20	61
EW-5	--	--	30.2	0.0	23	47	EW-5	--	--	22.3	0.0	18	60
EW-6	--	--	10.3	12.4	8.5	69	EW-6	--	--	24.1	0.0	21	55
EW-7	--	--	18.6	10.2	7.4	64	EW-7	--	--	25.3	0.0	21	54
EW-8	--	--	31.9	0.0	23	45	EW-8	--	--	29.2	0.0	22	49
EW-9	--	--	32.2	0.0	23	45	EW-9	--	--	40.9	0.0	26	33
EW-10	--	--	7.1	8.7	11	75	EW-10	-0.40	--	1.2	3.8	8.9	86
EW-11	--	--	10.5	8.0	14	70	EW-11	-0.60	--	13.2	2.3	19	66
EW-12	--	--	1.6	8.5	10	80	EW-12	-0.50	--	1.1	11.0	7.4	81
SW1	--	--	34.8	0.0	25	40	SW1	--	--	39.8	0.0	27	33
SW2	--	--	33.2	0.0	24	43	SW2	--	--	40.1	0.0	28	34
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.1	0.0	19	73	NW1	--	--	5.8	0.0	19	75
NW2	--	--	35.7	0.0	25	39	NW2	--	--	39.7	0.0	26	34
NW3	--	--	40.5	0.0	27	33	NW3	--	--	40.4	0.0	28	32
NW4	--	--	23.1	0.0	19	58	NW4	--	--	22.7	0.0	19	58
NW5	--	--	11.2	0.0	19	70	NW5	--	--	8.1	0.0	19	73
NW6	--	--	44.1	0.0	27	29	NW6	--	--	42.0	0.0	28	30
NW7	--	--	58.6	0.0	28	13	NW7	--	--	60.9	0.0	30	9
NW8	--	--	9.4	0.6	18	72	NW8	--	--	9.2	0.0	18	73
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/22/2011

Subject: LFG Monitoring Summary - Week of 07/04/11 - 07/10/11

Summary: All CPs remained in compliance this week.
There were seven (7) flare flame failures due to low methane or other issues.
Flare operating cycles were 180 to 360 mins ON and 240 to 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 8, 2011 with temps of 74°F to 85°F and mostly cloudy conditions.
Vacuum readings were last taken on June 27, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/4/2011	--	--	--	--	4:00	8:30#	--	--	4.5
7/5/2011	--	--	--	--	1:00@	6:00#	--	--	5.0
7/6/2011	--	--	--	--	2:30	3:30#	--	--	1.0
7/7/2011	--	--	8:00@	--	--	2:00	8:00	12:00	10.0
7/8/2011	--	--	6:00*	9:30#	--	--	5:00	5:30#	4.0
7/9/2011	--	--	7:30	8:30#	--	4:00	5:00#	--	2.0
7/10/2011	--	--	--	--	--	--	--	--	0.0
								Total Hrs. =	26.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/4/2011	--	--	--	--	--
7/5/2011	--	--	--	--	--
7/6/2011	--	--	--	--	--
7/7/2011	--	--	--	--	--
7/8/2011	GV, S&EW, CPs & TGP/GP	10:30A - 5:30P	0.0	29.85 - 29.79	F
7/9/2011	--	--	--	--	--
7/10/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Jul		5-Jul		6-Jul		7-Jul		8-Jul		9-Jul		10-Jul	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-08	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Jul		5-Jul		6-Jul		7-Jul		8-Jul		9-Jul		10-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	11.6	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	12.0	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	12.6	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 27 - Jul 03, 2011						Week of:	Jul 04 - Jul 10, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.40	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	88	0.4	15.5	4.2	80	GV1-1	–	66	0.5	13.1	6.8	80
GV1-2	–	68	39.6	0.2	27	33	GV1-2	–	69	38.1	0.0	26	36
GV1-3	–	70	31.3	0.0	25	44	GV1-3	–	69	28.7	0.0	25	46
GV1-4	–	72	35.4	0.0	25	40	GV1-4	–	70	31.4	0.0	24	45
GV1-5	–	76	32.8	0.0	25	42	GV1-5	–	74	29.2	0.0	25	46
GV1-6	–	78	24.7	0.0	23	52	GV1-6	–	72	16.5	0.0	22	62
GV1-7	–	74	16.7	0.0	20	63	GV1-7	–	70	15.8	0.0	20	64
GV1-8	–	76	12.4	1.2	20	66	GV1-8	–	72	15.4	0.0	22	63
GV1-9	–	74	11.6	0.7	18	70	GV1-9	–	68	13.0	0.0	20	67
GV1-10X	–	80	17.6	0.6	20	62	**GV1-10X**	–	76	11.9	0.0	20	68
GV1-11	–	76	7.3	8.5	10	74	GV1-11	–	72	9.9	4.6	14	72
GV1-12	–	76	10.1	0.0	20	70	GV1-12	–	76	16.2	0.0	21	61
GV1-13	–	74	8.5	0.0	17	75	GV1-13	–	74	7.5	0.0	18	75
LEG 1b	-0.90	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.5	14.1	4.1	81	GV1b-1	–	–	0.4	12.1	8.3	79
GV1b-2	–	74	3.8	8.7	10	78	GV1b-2	–	76	3.6	11.0	9.2	76
GV1b-3	–	72	0.8	14.8	4.0	80	GV1b-3	–	70	1.1	12.8	6.6	80
GV1b-4	–	76	0.2	11.9	7.2	81	GV1b-4	–	74	0.3	13.7	6.5	80
GV1b-5	–	72	0.8	4.0	13	82	GV1b-5	–	72	0.9	0.7	18	80
LEG 2	-0.20	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	72	3.0	15.1	4.5	77	GV2-1	–	78	2.4	16.2	3.9	78
GV2-2	–	78	0.2	13.1	6.4	80	GV2-2	–	80	0.2	15.8	4.8	79
GV2-3	–	80	9.8	3.5	14	73	GV2-3	–	80	0.4	8.8	11	80
GV2-4	–	88	3.8	4.4	12	80	GV2-4	–	88	3.4	6.7	12	78
LEG 3	-0.20	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	57.0	0.0	25	18	GV3-1	–	–	55.4	0.0	26	18
GV3-2	–	–	39.1	0.4	23	38	GV3-2	–	–	36.8	0.6	23	40
GV3-3	–	–	0.0	18.4	1.6	80	GV3-3	–	–	0.0	18.9	1.0	80
GV3-4	–	80	0.9	11.2	7.2	81	GV3-4	–	80	0.8	12.9	6.7	80
GV3-5	–	–	3.8	5.3	12	79	GV3-5	–	–	3.6	6.4	12	78
GV3-6	–	–	1.6	0.0	15	83	GV3-6	–	–	3.8	2.0	13	81
GV3-7	–	–	0.2	2.5	13	84	GV3-7	–	–	0.9	1.4	14	84
GV3-8	–	–	1.9	0.0	12	86	GV3-8	–	–	2.5	0.0	13	84
GV3-9	–	–	7.7	3.6	11	78	GV3-9	–	–	7.5	3.7	11	78
GV3-10 X	–	–	0.1	6.5	10	83	**GV3-10 X**	–	–	1.6	5.3	11	82
GV3-11	–	–	2.1	2.3	14	82	GV3-11	–	–	3.8	1.3	15	80
GV3-12	–	–	0.0	8.8	9.1	82	GV3-12	–	–	0.4	8.0	10	82
GV3-13	–	–	1.7	6.8	11	81	GV3-13	–	–	4.3	4.6	14	77
GV3-14	–	–	28.5	1.9	18	52	GV3-14	–	–	23.8	3.3	16	57
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	-0.30	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	80	0.6	5.1	11	83	GV4-C	–	78	1.2	10.1	8.0	81
GV4-B	–	–	0.9	5.9	9.3	84	GV4-B	–	–	1.0	5.6	10	83
GV4-A	–	–	0.7	12.8	6.0	81	GV4-A	–	–	0.9	11.0	7.7	80
GV4-1	–	–	1.1	11.1	7.8	80	GV4-1	–	–	2.9	4.7	13	79
GV4-2	–	–	4.6	3.8	14	78	GV4-2	–	–	5.6	2.1	16	76
GV4-3	–	–	2.3	9.5	8.3	80	GV4-3	–	–	2.8	9.5	8.6	79
GV4-4 X	–	–	0.0	19.6	0.0	80	**GV4-4 X**	–	–	0.0	19.7	0.1	80
GV4-5	–	–	12.2	7.8	12	68	GV4-5	–	–	15.5	3.7	18	65
GV4-6	–	–	2.8	10.2	7.9	79	GV4-6	–	–	3.3	12.6	6.0	78
GV4-7	–	–	21.4	1.4	20	57	GV4-7	–	–	26.8	0.7	22	51
LEG 5	-0.50	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	80	21.4	9.1	11	59	GV5-1	–	80	32.2	1.7	19	47
GV5-2	–	–	28.6	3.2	14	54	GV5-2	–	–	39.0	0.0	22	39
	–	–	27.9	0.0	23	49	GV5-3	–	–	29.4	0.9	23	47
GV5-4	–	–	24.6	0.9	21	54	GV5-4	–	–	22.2	5.5	16	56
GV5-5	–	–	13.5	5.8	13	68	GV5-5	–	–	28.8	0.7	22	49
GV5-6	–	–	24.0	4.4	17	55	GV5-6	–	–	30.2	1.1	21	48
GV5-7	–	–	21.3	8.8	15	55	GV5-7	–	–	28.8	1.3	21	49
GV5-8	–	–	16.0	1.5	19	64	GV5-8	–	–	0.9	14.9	9.3	75
GV5-9	–	–	17.2	0.0	22	61	GV5-9	–	–	4.8	13.0	7.6	75

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 27 - Jul 03, 2011						Week of:	Jul 04 - Jul 10, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.60	--	22.6	0.8	21	56	EW-1	--	--	17.9	1.4	20	61
EW-2	-0.50	--	0.0	5.1	13	82	EW-2	--	--	0.0	6.6	13	80
EW-3	-0.30	--	13.1	1.0	15	71	EW-3	--	--	11.8	4.8	14	69
EW-4	--	--	18.8	0.0	20	61	EW-4	--	--	28.4	0.0	23	49
EW-5	--	--	22.3	0.0	18	60	EW-5	--	--	28.8	0.0	22	49
EW-6	--	--	24.1	0.0	21	55	EW-6	--	--	25.9	0.0	19	55
EW-7	--	--	25.3	0.0	21	54	EW-7	--	--	26.7	0.0	20	53
EW-8	--	--	29.2	0.0	22	49	EW-8	--	--	38.1	0.0	26	36
EW-9	--	--	40.9	0.0	26	33	EW-9	--	--	41.5	0.0	26	33
EW-10	-0.40	--	1.2	3.8	8.9	86	EW-10	--	--	3.9	8.2	9.1	79
EW-11	-0.60	--	13.2	2.3	19	66	EW-11	--	--	9.6	6.2	14	70
EW-12	-0.50	--	1.1	11.0	7.4	81	EW-12	--	--	0.9	13.1	6.8	79
SW1	--	--	39.8	0.0	27	33	SW1	--	--	34.2	0.0	24	42
SW2	--	--	40.1	0.0	26	34	SW2	--	--	36.2	0.0	24	40
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	5.8	0.0	19	75	NW1	--	--	7.5	0.0	19	74
NW2	--	--	39.7	0.0	28	34	NW2	--	--	38.1	0.0	26	36
NW3	--	--	40.4	0.0	28	32	NW3	--	--	38.9	0.0	27	34
NW4	--	--	22.7	0.0	19	58	NW4	--	--	23.0	0.0	21	56
NW5	--	--	8.1	0.0	19	73	NW5	--	--	8.0	0.0	20	72
NW6	--	--	42.0	0.0	28	30	NW6	--	--	39.2	0.0	29	32
NW7	--	--	60.9	0.0	30	9	NW7	--	--	61.0	0.0	30	9
NW8	--	--	9.2	0.0	18	73	NW8	--	--	9.7	0.3	19	71
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/25/2011

Subject: LFG Monitoring Summary - Week of 07/11/11 - 07/17/11

Summary: All CPs remained in compliance this week.
There were seven (7) flare flame failures due to low methane or other issues.
Flare operating cycles were 180 to 360 mins ON and 240 to 360 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 15, 2011 with temps of 69°F to 86°F and scattered clouds.
Vacuum readings were last taken on June 27, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/11/2011	--	--	11:30	--	--	12:30#	--	--	1.0
7/12/2011	--	--	10:00*	--	--	2:00	8:00	9:00#	5.0
7/13/2011	--	--	--	--	1:30@	4:30#	--	--	3.0
7/14/2011	--	--	8:00	10:30#	--	--	--	--	2.5
7/15/2011	--	--	9:00	10:30	12:30	2:00#	--	--	3.0
7/16/2011	--	--	7:30	8:30#	--	--	--	--	1.0
7/17/2011	--	--	--	--	--	--	7:00	8:00#	1.0
								Total Hrs. =	16.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/11/2011	--	--	--	--	--
7/12/2011	--	--	--	--	--
7/13/2011	--	--	--	--	--
7/14/2011	--	--	--	--	--
7/15/2011	GV, S&EW, CPs & TGP/GP	9:30A - 4:30P	0.0	30.00 - 29.95	F
7/16/2011	--	--	--	--	--
7/17/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	11-Jul		12-Jul		13-Jul		14-Jul		15-Jul		16-Jul		17-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	11-Jul		12-Jul		13-Jul		14-Jul		15-Jul		16-Jul		17-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	12.1	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-80	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	8.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 04 - Jul 10, 2011						Week of:	Jul 11 - Jul 17, 2011					
Wellhead ID	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**	**Wellhead ID**	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	68	0.5	13.1	6.8	80	GV1-1	–	68	0.5	14.8	4.8	80
GV1-2	–	68	38.1	0.0	26	36	GV1-2	–	68	34.0	1.1	24	41
GV1-3	–	69	28.7	0.0	25	46	GV1-3	–	70	28.6	0.0	25	46
GV1-4	–	70	31.4	0.0	24	45	GV1-4	–	71	32.3	0.0	24	44
GV1-5	–	74	29.2	0.0	25	46	GV1-5	–	78	26.4	0.0	23	51
GV1-6	–	72	16.5	0.0	22	62	GV1-6	–	80	24.8	0.0	22	53
GV1-7	–	70	15.8	0.0	20	64	GV1-7	–	76	14.0	0.0	20	66
GV1-8	–	72	15.4	0.0	22	63	GV1-8	–	76	9.0	5.4	14	72
GV1-9	–	68	13.0	0.0	20	67	GV1-9	–	74	12.9	0.0	21	66
GV1-10X	–	76	11.9	0.0	20	68	**GV1-10X**	–	80	9.3	6.8	12	72
GV1-11	–	72	9.9	4.6	14	72	GV1-11	–	80	3.6	13.9	5.6	77
GV1-12	–	76	18.2	0.0	21	61	GV1-12	–	78	18.1	0.0	21	61
GV1-13	–	74	7.5	0.0	18	75	GV1-13	–	74	7.8	0.7	17	75
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.4	12.1	8.3	79	GV1b-1	–	75	0.5	13.4	5.7	80
GV1b-2	–	76	3.6	11.0	9.2	76	GV1b-2	–	72	2.2	9.1	11	78
GV1b-3	–	70	1.1	12.8	5.6	80	GV1b-3	–	76	0.7	14.6	4.7	80
GV1b-4	–	74	0.3	13.7	6.5	80	GV1b-4	–	74	0.2	12.2	7.9	80
GV1b-5	–	72	0.9	0.7	18	80	GV1b-5	–	72	1.0	4.4	14	81
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	78	2.4	16.2	3.9	78	GV2-1	–	78	6.5	8.9	10	75
GV2-2	–	80	0.2	15.8	4.8	79	GV2-2	–	80	2.1	9.6	9.2	79
GV2-3	–	80	0.4	8.8	11	80	GV2-3	–	80	8.1	0.1	16	76
GV2-4	–	88	3.4	6.7	12	78	GV2-4	–	86	3.1	2.3	14	81
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	55.4	0.0	26	18	GV3-1	–	–	54.0	0.0	25	21
GV3-2	–	–	36.8	0.6	23	40	GV3-2	–	–	31.1	2.2	20	47
GV3-3	–	–	0.0	18.9	1.0	80	GV3-3	–	–	0.0	18.8	1.4	80
GV3-4	–	80	0.8	12.9	6.7	80	GV3-4	–	80	2.8	11.6	7.6	78
GV3-5	–	–	3.6	6.4	12	78	GV3-5	–	–	3.0	4.3	12	81
GV3-6	–	–	3.8	2.0	13	81	GV3-6	–	–	3.6	2.2	12	82
GV3-7	–	–	0.9	1.4	14	84	GV3-7	–	–	5.0	2.6	12	80
GV3-8	–	–	2.5	0.0	13	84	GV3-8	–	–	6.0	3.1	11	80
GV3-9	–	–	7.5	3.7	11	78	GV3-9	–	–	6.2	1.8	11	81
GV3-10 X	–	–	1.6	5.3	11	82	**GV3-10 X**	–	–	0.2	16.9	2.3	81
GV3-11	–	–	3.8	1.3	15	80	GV3-11	–	–	0.2	16.7	2.7	80
GV3-12	–	–	0.4	8.0	10	82	GV3-12	–	–	0.1	17.4	2.2	80
GV3-13	–	–	4.3	4.6	14	77	GV3-13	–	–	0.7	13.3	5.5	80
GV3-14	–	–	23.8	3.3	16	57	GV3-14	–	–	24.9	3.2	16	56
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	78	1.2	10.1	8.0	81	GV4-C	–	80	14.1	6.4	13	67
GV4-B	–	–	1.0	5.6	10	83	GV4-B	–	–	7.1	6.7	11	75
GV4-A	–	–	0.9	11.0	7.7	80	GV4-A	–	–	13.3	6.7	13	67
GV4-1	–	–	2.9	4.7	13	79	GV4-1	–	–	6.9	7.9	11	74
GV4-2	–	–	5.6	2.1	16	76	GV4-2	–	–	10.3	10.1	14	66
GV4-3	–	–	2.8	9.5	8.6	79	GV4-3	–	–	21.5	2.3	19	57
GV4-4 X	–	–	0.0	19.7	0.1	80	**GV4-4 X**	–	–	0.0	19.6	0.0	80
GV4-5	–	–	15.5	3.7	16	65	GV4-5	–	–	17.9	5.1	16	61
GV4-6	–	–	3.3	12.6	6.0	78	GV4-6	–	–	10.6	7.9	12	69
GV4-7	–	–	26.8	0.7	22	51	GV4-7	–	–	27.2	0.0	22	51
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	80	32.2	1.7	19	47	GV5-1	–	82	23.8	0.0	21	55
GV5-2	–	–	39.0	0.0	22	39	GV5-2	–	–	39.1	0.0	23	38
GV5-3	–	–	29.4	0.9	23	47	GV5-3	–	–	27.5	0.0	22	51
GV5-4	–	–	22.2	5.5	16	56	GV5-4	–	–	30.8	2.1	20	47
GV5-5	–	–	28.8	0.7	22	49	GV5-5	–	–	29.8	2.3	19	49
GV5-6	–	–	30.2	1.1	21	48	GV5-6	–	–	32.4	1.9	21	45
GV5-7	–	–	28.6	1.3	21	49	GV5-7	–	–	32.1	1.5	20	46
GV5-8	–	–	0.9	14.9	9.3	75	GV5-8	–	–	0.1	18.5	1.0	80
GV5-9	–	–	4.8	13.0	7.6	75	GV5-9	–	–	0.0	19.8	0.1	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 04 - Jul 10, 2011						Week of:	Jul 11 - Jul 17, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.60	--	22.6	0.8	21	56	EW-1	--	--	19.6	0.9	21	59
EW-2	-0.50	--	0.0	5.1	13	82	EW-2	--	--	0.0	4.3	14	82
EW-3	-0.30	--	13.1	1.0	15	71	EW-3	--	--	20.3	0.0	19	61
EW-4	--	--	18.8	0.0	20	61	EW-4	--	--	28.1	0.0	19	55
EW-5	--	--	22.3	0.0	18	60	EW-5	--	--	28.2	0.0	21	51
EW-6	--	--	24.1	0.0	21	55	EW-6	--	--	23.6	0.0	19	57
EW-7	--	--	25.3	0.0	21	54	EW-7	--	--	25.2	0.0	23	52
EW-8	--	--	29.2	0.0	22	49	EW-8	--	--	28.1	0.0	25	47
EW-9	--	--	40.9	0.0	26	33	EW-9	--	--	38.5	0.0	11	51
EW-10	-0.40	--	1.2	3.8	8.9	86	EW-10	--	--	1.2	2.9	8.8	87
EW-11	-0.60	--	13.2	2.3	19	66	EW-11	--	--	4.9	11.9	8.4	75
EW-12	-0.50	--	1.1	11.0	7.4	81	EW-12	--	--	0.7	10.7	8.4	80
SW1	--	--	39.8	0.0	27	33	SW1	--	--	34.2	0.0	26	40
SW2	--	--	40.1	0.0	26	34	SW2	--	--	34.8	0.0	24	41
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	5.8	0.0	19	75	NW1	--	--	7.7	0.0	19	73
NW2	--	--	39.7	0.0	26	34	NW2	--	--	39.2	0.0	27	34
NW3	--	--	40.4	0.0	28	32	NW3	--	--	39.8	0.0	28	32
NW4	--	--	22.7	0.0	19	58	NW4	--	--	22.1	0.0	20	58
NW5	--	--	8.1	0.0	19	73	NW5	--	--	10.3	0.0	20	70
NW6	--	--	42.0	0.0	28	30	NW6	--	--	44.9	0.0	29	26
NW7	--	--	60.9	0.0	30	9	NW7	--	--	59.7	0.0	30	10
NW8	--	--	9.2	0.0	18	73	NW8	--	--	9.6	0.3	19	71
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(3) NS = Not sampled due to instrument failure;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/28/2011

Subject: LFG Monitoring Summary - Week of 07/18/11 - 07/24/11

Summary: All CPs remained in compliance this week.
There were two (2) flare flames failure due to low methane or other issues.
Flare operating cycles were 240 mins ON and 240 to 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 23, 2011 with temps of 80°F to 93°F and Scattered Clouds.
Vacuum readings were last taken on June 27, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/18/2011	--	--	--	--	--	--	10:00	12:00	2.0
7/19/2011	0:00#	--	--	--	--	--	6:00*	10:00	4.0
7/20/2011	4:00	8:00	--	--	2:00	6:00	--	--	8.0
7/21/2011	0:00	4:00	10:00	--	--	2:00	8:00@	11:30#	11.5
7/22/2011	--	--	7:00*	10:00	--	--	6:00	10:00	7.0
7/23/2011	--	--	6:00	10:00	--	--	6:00	10:00	8.0
7/24/2011	--	--	6:00	10:00	--	--	6:00	10:00	8.0
								Total Hrs. =	48.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/18/2011	--	--	--	--	--
7/19/2011	--	--	--	--	--
7/20/2011	--	--	--	--	--
7/21/2011	--	--	--	--	--
7/22/2011	--	--	--	--	--
7/23/2011	GV, S&EW, CPs & TGP/GP	8:00A - 3:00P	0.0	30.02 - 29.99	F
7/24/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Jul		19-Jul		20-Jul		21-Jul		22-Jul		23-Jul		24-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	14.3	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	15.7	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Jul		19-Jul		20-Jul		21-Jul		22-Jul		23-Jul		24-Jul	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	12.8	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	9.8	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 11 - Jul 17, 2011						Week of:	Jul 18 - Jul 24, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	68	0.5	14.6	4.8	80	GV1-1	–	78	0.3	15.8	3.7	80
GV1-2	–	68	34.0	1.1	24	41	GV1-2	–	80	35.1	0.0	25	40
GV1-3	–	70	28.6	0.0	25	46	GV1-3	–	78	28.1	0.0	25	47
GV1-4	–	71	32.3	0.0	24	44	GV1-4	–	80	31.3	0.0	24	45
GV1-5	–	78	26.4	0.0	23	51	GV1-5	–	82	22.9	0.0	24	53
GV1-6	–	80	24.8	0.0	22	53	GV1-6	–	82	19.6	0.3	23	57
GV1-7	–	76	14.0	0.0	20	66	GV1-7	–	82	11.2	0.0	20	69
GV1-8	–	76	9.0	5.4	14	72	GV1-8	–	84	6.7	0.0	19	74
GV1-9	–	74	12.9	0.0	21	66	GV1-9	–	80	7.8	0.0	19	73
GV1-10X	–	*80*	*9.3*	*6.8*	12	72	***GV1-10X***	–	*84*	*6.4*	*0.4*	19	74
GV1-11	–	80	3.6	13.9	5.6	77	GV1-11	–	84	1.2	16.4	2.3	80
GV1-12	–	78	18.1	0.0	21	61	GV1-12	–	80	17.4	0.0	22	61
GV1-13	–	74	7.8	0.7	17	75	GV1-13	–	–	6.8	1.0	17	75
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	75	0.5	13.4	5.7	80	GV1b-1	–	–	0.4	13.9	5.1	81
GV1b-2	–	72	2.2	9.1	11	78	GV1b-2	–	86	2.9	7.9	11	78
GV1b-3	–	76	0.7	14.6	4.7	80	GV1b-3	–	84	0.9	13.5	5.8	80
GV1b-4	–	74	0.2	12.2	7.9	80	GV1b-4	–	84	0.1	13.8	5.8	81
GV1b-5	–	72	1.0	4.4	14	81	GV1b-5	–	82	0.7	4.8	13	82
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	78	6.5	8.9	10	75	GV2-1	–	82	1.6	15.9	3.5	79
GV2-2	–	80	2.1	9.6	9.2	79	GV2-2	–	84	0.2	14.6	4.4	81
GV2-3	–	80	8.1	0.1	16	76	GV2-3	–	84	0.0	11.6	7.1	81
GV2-4	–	86	3.1	2.3	14	81	GV2-4	–	88	0.8	6.8	11	81
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	54.0	0.0	25	21	GV3-1	–	–	49.9	0.0	26	24
GV3-2	–	–	31.1	2.2	20	47	GV3-2	–	–	33.1	0.0	23	44
GV3-3	–	–	0.0	18.8	1.4	80	GV3-3	–	–	0.0	18.8	1.1	80
GV3-4	–	80	2.8	11.6	7.6	78	GV3-4	–	86	0.8	11.1	7.3	81
GV3-5	–	–	3.0	4.3	12	81	GV3-5	–	–	3.6	6.4	12	78
GV3-6	–	–	3.6	2.2	12	82	GV3-6	–	–	1.1	0.9	14	84
GV3-7	–	–	5.0	2.8	12	80	GV3-7	–	–	0.3	0.6	13	86
GV3-8	–	–	6.0	3.1	11	80	GV3-8	–	–	2.0	0.0	13	85
GV3-9	–	–	6.2	1.9	11	81	GV3-9	–	–	5.2	3.0	11	81
GV3-10 X	–	–	0.2	16.9	2.3	81	***GV3-10 X***	–	–	0.0	4.6	12	83
GV3-11	–	–	0.2	16.7	2.7	80	GV3-11	–	–	0.5	4.2	13	82
GV3-12	–	–	0.1	17.4	2.2	80	GV3-12	–	–	0.0	6.2	11	83
GV3-13	–	–	0.7	13.3	5.5	80	GV3-13	–	–	0.7	10.7	7.9	81
GV3-14	–	–	24.9	3.2	16	56	GV3-14	–	–	27.8	0.0	19	53
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	80	14.1	6.4	13	67	GV4-C	–	84	0.3	7.8	10	82
GV4-B	–	–	7.1	6.7	11	75	GV4-B	–	–	0.7	5.1	11	83
GV4-A	–	–	13.3	6.7	13	67	GV4-A	–	–	0.7	10.9	7.6	81
GV4-1	–	–	6.9	7.9	11	74	GV4-1	–	–	5.1	3.1	14	78
GV4-2	–	–	10.3	10.1	14	66	GV4-2	–	–	6.6	2.8	14	76
GV4-3	–	–	21.5	2.3	19	57	GV4-3	–	–	1.4	10.7	7.6	80
GV4-4 X	–	–	*0.0*	*19.6*	*0.0*	80	***GV4-4 X***	–	–	*0.0*	*19.5*	*0.0*	81
GV4-5	–	–	17.9	5.1	16	61	GV4-5	–	–	9.4	8.7	12	70
GV4-6	–	–	10.8	7.9	12	69	GV4-6	–	–	1.2	11.2	7.3	80
GV4-7	–	–	27.2	0.0	22	51	GV4-7	–	–	19.1	1.5	20	59
LEG 5	–	–	–	–	–	–	**LEG 6**	–	–	–	–	–	–
GV5-1	–	82	23.8	0.0	21	55	GV5-1	–	82	23.2	4.4	17	55
GV5-2	–	–	39.1	0.0	23	38	GV5-2	–	–	32.3	0.6	21	46
GV5-3	–	–	27.5	0.0	22	51	GV5-3	–	–	26.7	0.0	24	49
GV5-4	–	–	30.8	2.1	20	47	GV5-4	–	–	26.1	2.0	20	52
GV5-5	–	–	29.8	2.3	19	49	GV5-5	–	–	25.8	2.6	20	52
GV5-6	–	–	32.4	1.9	21	45	GV5-6	–	–	28.8	0.7	22	49
GV5-7	–	–	32.1	1.5	20	46	GV5-7	–	–	16.2	9.5	12	62
GV5-8	–	–	0.1	18.5	1.0	80	GV5-8	–	–	0.0	17.4	2.1	81
GV5-9	–	–	0.0	19.8	0.1	80	GV5-9	–	–	0.0	18.1	1.6	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 11 - Jul 17, 2011						Week of:	Jul 18 - Jul 24, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	19.6	0.9	21	59	EW-1	--	--	14.5	0.0	22	64
EW-2	--	--	0.0	4.3	14	82	EW-2	--	--	0.0	5.9	13	81
EW-3	--	--	20.3	0.0	19	61	EW-3	--	--	9.0	3.4	15	73
EW-4	--	--	26.1	0.0	19	55	EW-4	--	--	16.8	0.0	20	63
EW-5	--	--	28.2	0.0	21	51	EW-5	--	--	24.2	0.0	20	56
EW-6	--	--	23.6	0.0	19	57	EW-6	--	--	22.8	0.0	22	55
EW-7	--	--	25.2	0.0	23	52	EW-7	--	--	25.9	0.0	20	54
EW-8	--	--	28.1	0.0	25	47	EW-8	--	--	27.9	0.0	23	49
EW-9	--	--	38.5	0.0	11	51	EW-9	--	--	37.6	0.0	26	36
EW-10	--	--	1.2	2.9	8.8	87	EW-10	--	--	0.5	9.8	7.2	83
EW-11	--	--	4.9	11.9	8.4	75	EW-11	--	--	1.2	16.2	3.5	79
EW-12	--	--	0.7	10.7	8.4	80	EW-12	--	--	0.1	15.2	4.0	81
SW1	--	--	34.2	0.0	26	40	SW1	--	--	30.5	0.0	26	44
SW2	--	--	34.8	0.0	24	41	SW2	--	--	34.3	0.0	25	41
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	7.7	0.0	19	73	NW1	--	--	5.3	0.0	19	76
NW2	--	--	39.2	0.0	27	34	NW2	--	--	38.1	0.0	27	35
NW3	--	--	39.8	0.0	28	32	NW3	--	--	37.1	0.0	28	35
NW4	--	--	22.1	0.0	20	58	NW4	--	--	21.8	0.0	20	58
NW5	--	--	10.3	0.0	20	70	NW5	--	--	7.8	0.0	19	73
NW6	--	--	44.9	0.0	29	26	NW6	--	--	10.9	7.9	14	67
NW7	--	--	59.7	0.0	30	10	NW7	--	--	59.1	0.0	31	10
NW8	--	--	9.6	0.3	19	71	NW8	--	--	8.4	0.3	19	72
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/2/2011

Subject: LFG Monitoring Summary - Week of 07/25/11 - 07/31/11

Summary: All CPs remained in compliance this week.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 180 to 240 mins ON and 480 to 540 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 29, 2011 with temps of 85°F to 93°F and Scattered Clouds.
Vacuum readings were last taken on June 27, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/25/2011	--	--	6:00	10:00	--	--	6:00	10:00	8.0
7/26/2011	--	--	6:00	9:00	--	--	6:00	9:00	6.0
7/27/2011	--	--	6:00	9:00	--	--	6:00	9:00	6.0
7/28/2011	--	--	6:00	9:00	--	--	6:00@	9:00	6.0
7/29/2011	--	--	6:00	8:00#	--	--	7:30#	--	2.0
7/30/2011	--	--	8:30	11:30	--	--	8:30	11:30	6.0
7/31/2011	--	--	8:30	11:30	--	--	8:30#	--	3.0
								Total Hrs. =	37.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/25/2011	--	--	--	--	--
7/26/2011	--	--	--	--	--
7/27/2011	--	--	--	--	--
7/28/2011	--	--	--	--	--
7/29/2011	GV, S&EW, CPs & TGP/GP	9:30A - 5:00P	0.0	30.01 - 29.99	F
7/30/2011	--	--	--	--	--
7/31/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUALS OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	25-Jul		26-Jul		27-Jul		28-Jul		29-Jul		30-Jul		31-Jul	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	10.4	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	25-Jul		26-Jul		27-Jul		28-Jul		29-Jul		30-Jul		31-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	11.3	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 18 - Jul 24, 2011						Week of:	Jul 25 - Jul 31, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	78	0.3	15.8	3.7	80	GV1-1	--	80	0.3	15.9	3.6	80
GV1-2	--	80	35.1	0.0	25	40	GV1-2	--	78	33.6	0.3	26	40
GV1-3	--	78	28.1	0.0	25	47	GV1-3	--	84	23.3	0.2	23	54
GV1-4	--	80	31.3	0.0	24	45	GV1-4	--	86	22.3	0.3	22	55
GV1-5	--	82	22.9	0.0	24	53	GV1-5	--	88	18.5	1.7	20	62
GV1-6	--	82	19.8	0.3	23	57	GV1-6	--	90	11.3	2.0	18	69
GV1-7	--	82	11.2	0.0	20	69	GV1-7	--	94	8.3	1.4	18	72
GV1-8	--	84	6.7	0.0	19	74	GV1-8	--	92	11.1	1.0	19	69
GV1-9	--	80	7.8	0.0	19	73	GV1-9	--	88	12.2	0.0	20	68
GV1-10X	--	84	6.4	0.4	19	74	**GV1-10X**	--	96	11.2	0.5	19	69
GV1-11	--	84	1.2	16.4	2.3	80	GV1-11	--	94	0.8	17.1	1.7	80
GV1-12	--	80	17.4	0.0	22	61	GV1-12	--	92	16.8	0.0	23	60
GV1-13	--	--	6.8	1.0	17	75	GV1-13	--	86	6.3	0.0	18	76
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.4	13.9	5.1	81	GV1b-1	--	--	1.2	12.9	5.8	80
GV1b-2	--	86	2.9	7.9	11	78	GV1b-2	--	94	1.0	11.9	7.1	80
GV1b-3	--	84	0.9	13.5	5.8	80	GV1b-3	--	86	0.9	11.0	7.8	80
GV1b-4	--	84	0.1	13.8	5.6	81	GV1b-4	--	90	0.4	14.0	5.1	81
GV1b-5	--	82	0.7	4.8	13	82	GV1b-5	--	90	0.8	5.8	12	81
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	82	1.6	15.9	3.5	79	GV2-1	--	90	3.1	12.2	6.1	79
GV2-2	--	84	0.2	14.6	4.4	81	GV2-2	--	94	0.8	11.1	5.3	83
GV2-3	--	84	0.0	11.6	7.1	81	GV2-3	--	94	0.0	12.1	6.4	82
GV2-4	--	88	0.8	6.8	11	81	GV2-4	--	98	0.8	5.5	11	83
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	49.9	0.0	26	24	GV3-1	--	--	48.1	0.0	25	27
GV3-2	--	--	33.1	0.0	23	44	GV3-2	--	--	35.3	0.0	23	42
GV3-3	--	--	0.0	18.8	1.1	80	GV3-3	--	--	13.8	12.6	10.0	64
GV3-4	--	86	0.8	11.1	7.3	81	GV3-4	--	86	10.1	12.8	7.4	70
GV3-5	--	--	3.6	6.4	12	78	GV3-5	--	--	0.5	18.3	0.9	80
GV3-6	--	--	1.1	0.9	14	84	GV3-6	--	--	0.3	17.4	1.4	81
GV3-7	--	--	0.3	0.8	13	86	GV3-7	--	--	0.0	15.4	3.0	82
GV3-8	--	--	2.0	0.0	13	85	GV3-8	--	--	0.4	12.7	4.7	82
GV3-9	--	--	5.2	3.0	11	81	GV3-9	--	--	3.8	10.4	11	75
GV3-10 X	--	--	0.0	4.6	12	83	**GV3-10 X**	--	--	0.1	17.6	1.1	81
GV3-11	--	--	0.5	4.2	13	82	GV3-11	--	--	0.0	19.4	0.1	81
GV3-12	--	--	0.0	6.2	11	83	GV3-12	--	--	0.0	19.4	0.0	81
GV3-13	--	--	0.7	10.7	7.9	81	GV3-13	--	--	0.0	19.2	0.2	81
GV3-14	--	--	27.8	0.0	19	53	GV3-14	--	--	20.5	4.7	15	60
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	84	0.3	7.8	10	82	GV4-C	--	98	3.4	12.5	6.0	78
GV4-B	--	--	0.7	5.1	11	83	GV4-B	--	--	2.5	13.0	5.7	79
GV4-A	--	--	0.7	10.9	7.6	81	GV4-A	--	--	1.3	11.0	7.1	81
GV4-1	--	--	5.1	3.1	14	78	GV4-1	--	--	1.8	10.4	7.5	80
GV4-2	--	--	6.8	2.8	14	76	GV4-2	--	--	3.8	9.7	8.5	78
GV4-3	--	--	1.4	10.7	7.6	80	GV4-3	--	--	16.2	4.9	15	64
GV4-4 X	--	--	0.0	19.5	0.0	81	**GV4-4 X**	--	--	0.0	18.9	0.6	81
GV4-5	--	--	9.4	8.7	12	70	GV4-5	--	--	16.4	5.2	15	63
GV4-6	--	--	1.2	11.2	7.3	80	GV4-6	--	--	10.2	9.6	10	70
GV4-7	--	--	19.1	1.5	20	59	GV4-7	--	--	26.7	0.0	22	51
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	82	23.2	4.4	17	55	GV5-1	--	94	18.0	6.3	13	63
GV5-2	--	--	32.3	0.6	21	46	GV5-2	--	--	36.6	0.0	24	39
GV5-3	--	--	26.7	0.0	24	49	GV5-3	--	--	28.0	0.0	24	48
GV5-4	--	--	28.1	2.0	20	52	GV5-4	--	--	29.4	0.0	23	48
GV5-5	--	--	25.8	2.6	20	52	GV5-5	--	--	27.6	0.4	22	50
GV5-6	--	--	28.8	0.7	22	49	GV5-6	--	--	26.4	0.9	22	51
GV5-7	--	--	16.2	9.5	12	62	GV5-7	--	--	27.8	0.4	22	50
GV5-8	--	--	0.0	17.4	2.1	81	GV5-8	--	--	0.0	13.9	4.3	82
GV5-9	--	--	0.0	18.1	1.6	80	GV5-9	--	--	0.0	19.2	0.2	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 18 - Jul 24, 2011						Week of:	Jul 25 - Jul 31, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	14.5	0.0	22	64	EW-1	--	--	11.4	1.9	18	69
EW-2	--	--	0.0	5.9	13	81	EW-2	--	--	0.0	6.0	13	81
EW-3	--	--	9.0	3.4	15	73	EW-3	--	--	13.2	1.0	18	68
EW-4	--	--	16.8	0.0	20	63	EW-4	--	--	21.4	0.0	21	58
EW-5	--	--	24.2	0.0	20	56	EW-5	--	--	23.3	0.0	20	57
EW-6	--	--	22.8	0.0	22	55	EW-6	--	--	24.1	0.0	23	53
EW-7	--	--	25.9	0.0	20	54	EW-7	--	--	25.2	0.0	26	49
EW-8	--	--	27.9	0.0	23	49	EW-8	--	--	30.3	0.0	24	46
EW-9	--	--	37.6	0.0	26	36	EW-9	--	--	37.5	0.0	26	37
EW-10	--	--	0.5	9.8	7.2	83	EW-10	--	--	0.5	9.9	7.2	82
EW-11	--	--	1.2	16.2	3.5	79	EW-11	--	--	1.0	10.6	7.3	81
EW-12	--	--	0.1	15.2	4.0	81	EW-12	--	--	3.5	8.7	9.4	78
SW1	--	--	30.5	0.0	26	44	SW1	--	--	26.2	1.7	21	51
SW2	--	--	34.3	0.0	25	41	SW2	--	--	30.3	0.0	24	46
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	5.3	0.0	19	76	NW1	--	--	19.5	9.5	14	57
NW2	--	--	38.1	0.0	27	35	NW2	--	--	36.1	0.0	26	38
NW3	--	--	37.1	0.0	28	35	NW3	--	--	37.2	0.0	27	36
NW4	--	--	21.8	0.0	20	58	NW4	--	--	21.8	0.0	21	57
NW5	--	--	7.8	0.0	19	73	NW5	--	--	18.9	9.6	14	58
NW6	--	--	10.9	7.9	14	67	NW6	--	--	25.1	3.0	23	49
NW7	--	--	59.1	0.0	31	10	NW7	--	--	57.6	0.0	32	10
NW8	--	--	8.4	0.3	19	72	NW8	--	--	8.4	0.3	19	72
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

September 9, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Removal Action – August 2011 Monthly Progress Report
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for August 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 199 – August 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries);
  - The site fence was inspected during the reporting period and any necessary repairs were addressed;
  - On August 10, 2011 the VRAC received from U.S. EPA a revised calendar year 2010 oversight bill in the amount of $4,193.96;
  - On August 23, 2011 full payment was issued to U.S. EPA; and,
  - On August 29, 2011, the VRAC received from U.S. EPA a revised calendar year 2009 oversight bill in the amount of $3,655.37.
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of August 2011 are presented as Attachment A of this report.

F. Planned Activities for the Next Reporting Period (September 2011)

- Develop Monthly Progress Report #199 summarizing activities in August 2011 for submission to the U.S. EPA.

- Continue LGAS operation and performance monitoring; and,
- Pay the revised calendar year 2009 U.S. EPA oversight bill.

G. Schedule of Significant Activities and Deliverables (September 2011)

- September 10 - Anticipated submittal of the August 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
U.S. EPA transmittal	08/10	dmi/VRAC.	Revised Calendar Year 2010 Oversight Bill;
dmi transmittal	08/10	U.S. EPA.	Monthly Progress Report for the Month of July 2011;
dmi transmittal	8/23	U.S. EPA	Payment re: Revised Calendar Year 2010 Oversight Bill; and,
U.S. EPA transmittal	8/29	dmi/VRAC	Revised Calendar Year 2009 Oversight Bill.

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/22/2011

Subject: LFG Monitoring Summary - Week of 08/01/11 - 08/07/11

Summary: All CPs remained in compliance this week.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 180 to 240 mins ON and 480 to 540 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 5, 2011 with temps of 75°F to 86°F and scattered clouds.
Vacuum readings were last taken on June 27, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/1/2011	--	--	--	--	12:30	1:30#	--	--	1.0
8/2/2011	--	--	--	--	1:00*	5:00	--	--	4.0
8/3/2011	1:00	5:00	--	--	1:00	5:00	--	--	8.0
8/4/2011	1:00	5:00	--	--	1:00@	1:30#	--	--	4.5
8/5/2011	--	--	--	--	1:00	2:00#	--	--	1.0
8/6/2011	--	--	6:00*	9:00	--	--	6:00	9:00	6.0
8/7/2011	--	--	6:00	9:00	--	--	6:00	9:00	6.0
								Total Hrs. =	30.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EDST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/1/2011	--	--	--	--	--
8/2/2011	--	--	--	--	--
8/3/2011	--	--	--	--	--
8/4/2011	--	--	--	--	--
8/5/2011	GV, S&EW, CPs & TGP/GP	9:00A - 4:00P	0.0	29.99 - 29.95	F
8/6/2011	--	--	--	--	--
8/7/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	1-Aug		2-Aug		3-Aug		4-Aug		5-Aug		6-Aug		7-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	–	–	–	–	–	–	–	–	0.0	18.3	–	–	–	–
CP1-2	–	–	–	–	–	–	–	–	0.0	16.9	–	–	–	–
CP1-3	–	–	–	–	–	–	–	–	0.0	15.1	–	–	–	–
CP1-4	–	–	–	–	–	–	–	–	0.0	14.7	–	–	–	–
CP1-5	–	–	–	–	–	–	–	–	0.0	16.2	–	–	–	–
CP1-7	–	–	–	–	–	–	–	–	0.0	16.6	–	–	–	–
CP1-9	–	–	–	–	–	–	–	–	0.0	17.0	–	–	–	–
CP1-11	–	–	–	–	–	–	–	–	0.0	16.4	–	–	–	–
CP1-13	–	–	–	–	–	–	–	–	0.0	13.9	–	–	–	–
GP-01 (for CP1-14)	–	–	–	–	–	–	–	–	0.0	16.1	–	–	–	–
GP-02 (for CP1b-1R)	–	–	–	–	–	–	–	–	0.0	15.7	–	–	–	–
CP1b-2R	–	–	–	–	–	–	–	–	0.0	18.8	–	–	–	–
CP1b-4R	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
CP1b-6R	–	–	–	–	–	–	–	–	0.0	19.1	–	–	–	–
TGP1b-E	–	–	–	–	–	–	–	–	0.0	18.1	–	–	–	–
TGP1b-A	–	–	–	–	–	–	–	–	0.0	16.2	–	–	–	–
TGP1b-F	–	–	–	–	–	–	–	–	0.0	18.8	–	–	–	–
TGP1b-B	–	–	–	–	–	–	–	–	0.0	19.1	–	–	–	–
TGP1b-G	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
TGP1b-C	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
TGP1b-H	–	–	–	–	–	–	–	–	0.0	18.8	–	–	–	–
TGP1b-D	–	–	–	–	–	–	–	–	0.0	19.0	–	–	–	–
GP-03	–	–	–	–	–	–	–	–	0.0	18.1	–	–	–	–
TGP-82	–	–	–	–	–	–	–	–	0.0	18.5	–	–	–	–
GP-04	–	–	–	–	–	–	–	–	0.0	17.8	–	–	–	–
TGP-83	–	–	–	–	–	–	–	–	0.0	18.5	–	–	–	–
CP2-1	–	–	–	–	–	–	–	–	0.0	18.6	–	–	–	–
CP2-2	–	–	–	–	–	–	–	–	0.0	18.2	–	–	–	–
CP2-4R	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
CP2-5R	–	–	–	–	–	–	–	–	0.0	18.6	–	–	–	–
CP-6R	–	–	–	–	–	–	–	–	0.0	18.1	–	–	–	–
CP2-7	–	–	–	–	–	–	–	–	0.0	17.9	–	–	–	–
CP2-9	–	–	–	–	–	–	–	–	0.0	18.1	–	–	–	–
TGP-06	–	–	–	–	–	–	–	–	0.0	16.5	–	–	–	–
TGP-East	–	–	–	–	–	–	–	–	0.0	16.8	–	–	–	–
TGP-Dads	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
CP3-1RR	–	–	–	–	–	–	–	–	0.0	19.6	–	–	–	–
CP3-2R	–	–	–	–	–	–	–	–	0.0	19.8	–	–	–	–
CP3-4R	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
CP3-5R	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
CP3-7R	–	–	–	–	–	–	–	–	0.0	19.6	–	–	–	–
CP3-8R	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
CP3-9	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
CP3-10R	–	–	–	–	–	–	–	–	0.0	19.0	–	–	–	–
CP3-12R	–	–	–	–	–	–	–	–	0.0	18.4	–	–	–	–
CP3-13R	–	–	–	–	–	–	–	–	0.0	18.6	–	–	–	–
CP3-14R	–	–	–	–	–	–	–	–	0.0	19.0	–	–	–	–
CP3-15R	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
TGP-89	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
CP4-A	–	–	–	–	–	–	–	–	0.0	18.4	–	–	–	–
CP4-B	–	–	–	–	–	–	–	–	0.0	17.1	–	–	–	–
CP4-C	–	–	–	–	–	–	–	–	0.0	17.9	–	–	–	–
CP4-1	–	–	–	–	–	–	–	–	0.0	16.6	–	–	–	–
CP4-2	–	–	–	–	–	–	–	–	0.0	17.2	–	–	–	–
CP4-3	–	–	–	–	–	–	–	–	0.0	17.7	–	–	–	–
CP4-4	–	–	–	–	–	–	–	–	0.0	17.9	–	–	–	–
CP4-6	–	–	–	–	–	–	–	–	0.0	17.8	–	–	–	–
CP5-1R	–	–	–	–	–	–	–	–	0.0	17.1	–	–	–	–
CP5-3R	–	–	–	–	–	–	–	–	0.0	17.4	–	–	–	–
CP5-4R	–	–	–	–	–	–	–	–	0.0	18.1	–	–	–	–
CP5-6	–	–	–	–	–	–	–	–	0.0	17.2	–	–	–	–
CP5-8	–	–	–	–	–	–	–	–	0.0	16.6	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	1-Aug		2-Aug		3-Aug		4-Aug		5-Aug		6-Aug		7-Aug	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
TGP-76	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-80	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 25 - Jul 31, 2011						Week of:	Aug 1 - Aug 7, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	80	0.3	15.9	3.6	80	GV1-1	--	70	0.6	13.4	6.0	80
GV1-2	--	78	33.6	0.3	26	40	GV1-2	--	68	34.7	0.0	26	40
GV1-3	--	84	23.3	0.2	23	54	GV1-3	--	74	28.5	0.0	25	47
GV1-4	--	86	22.3	0.3	22	55	GV1-4	--	78	33.3	0.0	24	43
GV1-5	--	88	16.5	1.7	20	62	GV1-5	--	80	21.7	0.6	23	55
GV1-6	--	90	11.3	2.0	18	69	GV1-6	--	80	24.2	0.0	25	51
GV1-7	--	94	8.3	1.4	18	72	GV1-7	--	80	19.1	0.3	21	60
GV1-8	--	92	11.1	1.0	19	69	GV1-8	--	78	15.5	3.1	18	63
GV1-9	--	88	12.2	0.0	20	68	GV1-9	--	76	18.5	0.0	22	60
GV1-10X	--	96	11.2	0.5	19	69	**GV1-10X**	--	82	24.6	0.0	23	52
GV1-11	--	94	0.8	17.1	1.7	80	GV1-11	--	80	1.8	14.7	4.1	79
GV1-12	--	92	16.8	0.0	23	60	GV1-12	--	84	22.4	0.0	24	54
GV1-13	--	86	6.3	0.0	18	76	GV1-13	--	76	18.1	0.0	22	60
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	1.2	12.9	5.8	80	GV1b-1	--	--	0.5	12.1	6.5	81
GV1b-2	--	94	1.0	11.9	7.1	80	GV1b-2	--	82	2.1	4.1	14	80
GV1b-3	--	86	0.9	11.0	7.8	80	GV1b-3	--	78	0.9	9.4	9.1	81
GV1b-4	--	90	0.4	14.0	5.1	81	GV1b-4	--	80	0.5	9.8	8.9	81
GV1b-5	--	90	0.8	5.8	12	81	GV1b-5	--	80	1.1	4.4	14	81
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	90	3.1	12.2	6.1	79	GV2-1	--	80	3.7	10.1	8.1	78
GV2-2	--	94	0.8	11.1	5.3	83	GV2-2	--	82	0.4	6.4	9.2	84
GV2-3	--	94	0.0	12.1	6.4	82	GV2-3	--	84	0.1	6.7	8.8	84
GV2-4	--	98	0.8	5.5	11	83	GV2-4	--	88	4.4	0.2	15	80
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	48.1	0.0	25	27	GV3-1	--	--	51.6	0.0	28	22
GV3-2	--	--	35.3	0.0	23	42	GV3-2	--	--	42.7	0.0	25	32
GV3-3	--	--	13.8	12.6	10.0	64	GV3-3	--	--	40.8	0.3	23	36
GV3-4	--	88	10.1	12.8	7.4	70	GV3-4	--	86	31.6	2.3	19	47
GV3-5	--	--	0.5	18.3	0.9	80	GV3-5	--	--	29.3	3.5	18	49
GV3-6	--	--	0.3	17.4	1.4	81	GV3-6	--	--	14.2	6.1	12	68
GV3-7	--	--	0.0	15.4	3.0	82	GV3-7	--	--	2.1	11.0	7.0	80
GV3-8	--	--	0.4	12.7	4.7	82	GV3-8	--	--	1.3	10.2	7.1	81
GV3-9	--	--	3.8	10.4	11	75	GV3-9	--	--	2.0	9.8	7.3	81
GV3-10 X	--	--	0.1	17.6	1.1	81	**GV3-10 X**	--	--	0.8	13.8	4.3	81
GV3-11	--	--	0.0	19.4	0.1	81	GV3-11	--	--	0.7	18.1	1.1	80
GV3-12	--	--	0.0	19.4	0.0	81	GV3-12	--	--	0.7	18.0	1.5	80
GV3-13	--	--	0.0	19.2	0.2	81	GV3-13	--	--	4.1	14.8	4.9	76
GV3-14	--	--	20.5	4.7	15	60	GV3-14	--	--	18.5	4.1	15	62
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	98	3.4	12.5	6.0	78	GV4-C	--	84	4.5	8.9	10	77
GV4-B	--	--	2.5	13.0	5.7	79	GV4-B	--	--	4.1	8.5	10	77
GV4-A	--	--	1.3	11.0	7.1	81	GV4-A	--	--	14.6	4.9	15	66
GV4-1	--	--	1.8	10.4	7.5	80	GV4-1	--	--	11.8	4.7	14	70
GV4-2	--	--	3.8	9.7	8.5	78	GV4-2	--	--	11.9	4.0	15	69
GV4-3	--	--	16.2	4.9	15	64	GV4-3	--	--	19.8	2.1	18	60
GV4-4 X	--	--	0.0	18.9	0.6	81	**GV4-4 X**	--	--	0.0	18.8	0.0	81
GV4-5	--	--	16.4	5.2	15	63	GV4-5	--	--	19.9	3.7	19	57
GV4-6	--	--	10.2	9.6	10	70	GV4-6	--	--	25.1	0.5	21	53
GV4-7	--	--	26.7	0.0	22	51	GV4-7	--	--	27.1	0.0	23	50
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	94	18.0	6.3	13	63	GV5-1	--	80	23.3	2.3	18	56
GV5-2	--	--	36.6	0.0	24	39	GV5-2	--	--	39.7	0.0	25	35
GV5-3	--	--	28.0	0.0	24	48	GV5-3	--	--	28.2	0.0	23	49
GV5-4	--	--	29.4	0.0	23	48	GV5-4	--	--	29.2	0.3	23	48
GV5-5	--	--	27.6	0.4	22	50	GV5-5	--	--	26.1	1.9	21	51
GV5-6	--	--	26.4	0.9	22	51	GV5-6	--	--	26.4	2.1	20	52
GV5-7	--	--	27.8	0.4	22	50	GV5-7	--	--	29.5	0.0	23	48
GV5-8	--	--	0.0	13.9	4.3	82	GV5-8	--	--	0.0	18.8	0.5	81
GV5-9	--	--	0.0	19.2	0.2	81	GV5-9	--	--	0.0	19.3	0.1	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 25 - Jul 31, 2011						Week of:	Aug 1 - Aug 7, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	11.4	1.9	18	69	EW-1	--	--	15.1	0.0	21	64
EW-2	--	--	0.0	6.0	13	81	EW-2	--	--	0.0	2.9	15	82
EW-3	--	--	13.2	1.0	18	68	EW-3	--	--	18.3	0.0	20	62
EW-4	--	--	21.4	0.0	21	58	EW-4	--	--	27.8	0.0	23	49
EW-5	--	--	23.3	0.0	20	57	EW-5	--	--	28.6	0.0	22	49
EW-6	--	--	24.1	0.0	23	53	EW-6	--	--	25.0	0.0	20	55
EW-7	--	--	25.2	0.0	28	49	EW-7	--	--	26.4	0.0	21	53
EW-8	--	--	30.3	0.0	24	46	EW-8	--	--	37.2	0.0	27	36
EW-9	--	--	37.5	0.0	26	37	EW-9	--	--	40.2	0.0	27	33
EW-10	--	--	0.5	9.9	7.2	82	EW-10	--	--	8.4	8.6	11	74
EW-11	--	--	1.0	10.6	7.3	81	EW-11	--	--	0.8	15.8	3.3	80
EW-12	--	--	3.5	8.7	9.4	78	EW-12	--	--	0.0	8.2	9.1	83
SW1	--	--	26.2	1.7	21	51	SW1	--	--	38.8	0.0	27	38
SW2	--	--	30.3	0.0	24	46	SW2	--	--	38.1	0.0	26	36
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	19.5	9.5	14	57	NW1	--	--	7.5	0.0	20	73
NW2	--	--	36.1	0.0	26	38	NW2	--	--	37.5	0.0	28	35
NW3	--	--	37.2	0.0	27	36	NW3	--	--	38.4	0.0	28	34
NW4	--	--	21.8	0.0	21	57	NW4	--	--	2.8	0.0	22	75
NW5	--	--	18.9	9.6	14	58	NW5	--	--	13.1	5.9	15	66
NW6	--	--	25.1	3.0	23	49	NW6	--	--	37.3	1.4	27	34
NW7	--	--	57.6	0.0	32	10	NW7	--	--	59.1	0.0	32	9
NW8	--	--	8.4	0.3	19	72	NW8	--	--	9.8	0.2	19	71
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.60	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/28/2011

Subject: LFG Monitoring Summary - Week of 08/08/11 - 08/14/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 180 to 240 mins ON and 480 to 540 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 12, 2011 with temps of 75°F to 80°F and scattered clouds.
Vacuum readings were last taken on August 8, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/8/2011	--	--	--	--	--	--	6:00*	9:00	3.0
8/9/2011	--	--	6:00	9:00	--	--	6:00	9:00	6.0
8/10/2011	--	--	6:00	9:00	--	--	6:00	9:00	6.0
8/11/2011	--	--	6:00	9:00	--	--	4:30@	8:30	7.0
8/12/2011	4:30	8:30	--	--	--	--	4:30*	8:30	8.0
8/13/2011	4:30	7:30	11:30@	--	--	2:30	10:30	11:00#	6.5
8/14/2011	--	--	--	--	--	--	--	--	0.0
								Total Hrs. =	36.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/8/2011	--	--	--	--	--
8/9/2011	--	--	--	--	--
8/10/2011	--	--	--	--	--
8/11/2011	--	--	--	--	--
8/12/2011	GV, S&EW	11:00A - 2:30P	--	30.07 - 30.05	F
8/13/2011	CPs & TGP/GP	8:30A - 1:00P	0.0	29.96 - 29.87	F
8/14/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	8-Aug		9-Aug		10-Aug		11-Aug		12-Aug		13-Aug		14-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	13.6	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	8-Aug		9-Aug		10-Aug		11-Aug		12-Aug		13-Aug		14-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	12.9	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	12.0	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	13.0	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	13.5	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 1 - Aug 7, 2011						Week of:	Aug 8 - Aug 14, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-2.10	--	--	--	--	--
GV1-1	--	70	0.6	13.4	6.0	80	GV1-1	--	74	3.8	2.9	15	78
GV1-2	--	68	34.7	0.0	26	40	GV1-2	--	66	31.3	0.8	23	45
GV1-3	--	74	28.5	0.0	25	47	GV1-3	--	76	29.6	0.0	25	45
GV1-4	--	78	33.3	0.0	24	43	GV1-4	--	80	27.6	0.0	24	48
GV1-5	--	80	21.7	0.6	23	55	GV1-5	--	82	29.1	0.0	25	46
GV1-6	--	80	24.2	0.0	25	51	GV1-6	--	70	30.0	0.0	25	45
GV1-7	--	80	19.1	0.3	21	60	GV1-7	--	70	30.0	0.0	25	45
GV1-8	--	78	15.5	3.1	18	63	GV1-8	--	70	29.9	0.1	25	45
GV1-9	--	78	18.5	0.0	22	60	GV1-9	--	70	30.3	0.0	25	45
GV1-10X	--	82	24.6	0.0	23	52	**GV1-10X**	--	72	27.9	0.0	25	47
GV1-11	--	80	1.8	14.7	4.1	79	GV1-11	--	70	1.7	15.4	3.8	79
GV1-12	--	84	22.4	0.0	24	54	GV1-12	--	78	28.2	0.0	25	47
GV1-13	--	76	18.1	0.0	22	60	GV1-13	--	72	27.9	0.0	25	47
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.40	--	--	--	--	--
GV1b-1	--	--	0.5	12.1	6.5	81	GV1b-1	--	--	0.5	13.0	6.3	80
GV1b-2	--	82	2.1	4.1	14	80	GV1b-2	--	80	4.0	5.9	13	77
GV1b-3	--	78	0.9	9.4	9.1	81	GV1b-3	--	74	1.4	12.0	7.5	79
GV1b-4	--	80	0.5	9.6	8.9	81	GV1b-4	--	80	0.5	14.1	5.4	80
GV1b-5	--	80	1.1	4.4	14	81	GV1b-5	--	84	1.0	12.6	6.5	80
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.40	--	--	--	--	--
GV2-1	--	80	3.7	10.1	8.1	78	GV2-1	--	80	1.6	10.6	7.5	80
GV2-2	--	82	0.4	6.4	9.2	84	GV2-2	--	84	1.5	10.8	7.6	80
GV2-3	--	84	0.1	6.7	8.8	84	GV2-3	--	82	7.3	2.0	14	77
GV2-4	--	88	4.4	0.2	15	80	GV2-4	--	88	10.2	0.0	16	74
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.40	--	--	--	--	--
GV3-1	--	--	51.6	0.0	26	22	GV3-1	--	--	50.2	0.0	26	24
GV3-2	--	--	42.7	0.0	25	32	GV3-2	--	--	38.2	0.0	23	39
GV3-3	--	--	40.8	0.3	23	36	GV3-3	--	--	40.2	0.8	23	36
GV3-4	--	86	31.6	2.3	19	47	GV3-4	--	90	41.0	0.2	24	35
GV3-5	--	--	29.3	3.5	18	49	GV3-5	--	--	39.9	0.7	23	36
GV3-6	--	--	14.2	6.1	12	68	GV3-6	--	--	36.4	1.3	22	40
GV3-7	--	--	2.1	11.0	7.0	80	GV3-7	--	--	27.6	2.3	19	51
GV3-8	--	--	1.3	10.2	7.1	81	GV3-8	--	--	5.3	0.0	14	81
GV3-9	--	--	2.0	9.8	7.3	81	GV3-9	--	--	9.4	0.6	13	77
GV3-10 X	--	--	0.8	13.8	4.3	81	**GV3-10 X**	--	--	15.7	9.2	11	64
GV3-11	--	--	0.7	18.1	1.1	80	GV3-11	--	--	3.8	11.6	6.9	78
GV3-12	--	--	0.7	18.0	1.5	80	GV3-12	--	--	5.6	10.5	8.2	76
GV3-13	--	--	4.1	14.8	4.9	76	GV3-13	--	--	5.8	10.0	8.5	76
GV3-14	--	--	18.5	4.1	15	62	GV3-14	--	--	27.9	1.0	19	52
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.60	--	--	--	--	--
GV4-C	--	84	4.5	8.9	10	77	GV4-C	--	84	18.0	3.6	17	61
GV4-B	--	--	4.1	8.5	10	77	GV4-B	--	--	16.1	4.0	16	64
GV4-A	--	--	14.6	4.9	15	66	GV4-A	--	--	20.6	1.8	20	58
GV4-1	--	--	11.8	4.7	14	70	GV4-1	--	--	10.1	3.2	16	71
GV4-2	--	--	11.9	4.0	15	69	GV4-2	--	--	20.8	1.8	19	58
GV4-3	--	--	19.8	2.1	18	60	GV4-3	--	--	21.9	1.1	20	57
GV4-4 X	--	--	0.0	18.8	0.0	81	**GV4-4 X**	--	--	0.0	19.3	0.0	81
GV4-5	--	--	19.9	3.7	19	57	GV4-5	--	--	10.5	9.8	10	70
GV4-6	--	--	25.1	0.5	21	53	GV4-6	--	--	19.4	2.6	18	60
GV4-7	--	--	27.1	0.0	23	50	GV4-7	--	--	22.3	0.0	22	56
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.80	--	--	--	--	--
GV5-1	--	80	23.3	2.3	18	56	GV5-1	--	98	4.8	4.8	10	81
GV5-2	--	--	39.7	0.0	25	35	GV5-2	--	--	24.0	0.0	21	55
GV5-3	--	--	28.2	0.0	23	49	GV5-3	--	--	10.6	3.8	13	73
GV5-4	--	--	29.2	0.3	23	48	GV5-4	--	--	14.4	5.2	14	66
GV5-5	--	--	26.1	1.9	21	51	GV5-5	--	--	12.0	2.8	14	71
GV5-6	--	--	26.4	2.1	20	52	GV5-6	--	--	11.9	5.5	12	71
GV5-7	--	--	29.5	0.0	23	48	GV5-7	--	--	11.1	6.1	12	71
GV5-8	--	--	0.0	18.8	0.5	81	GV5-8	--	--	0.0	18.4	1.0	81
GV5-9	--	--	0.0	19.3	0.1	81	GV5-9	--	--	0.0	18.8	0.7	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 1 - Aug 7, 2011						Week of:	Aug 8 - Aug 14, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	15.1	0.0	21	64	EW-1	-1.10	--	14.2	0.0	22	64
EW-2	--	--	0.0	2.9	15	82	EW-2	-0.90	--	0.0	5.8	12	82
EW-3	--	--	18.3	0.0	20	62	EW-3	-0.50	--	20.1	0.3	19	61
EW-4	--	--	27.8	0.0	23	49	EW-4	--	--	27.6	0.8	23	49
EW-5	--	--	28.8	0.0	22	49	EW-5	--	--	33.7	0.0	25	41
EW-6	--	--	25.0	0.0	20	55	EW-6	--	--	26.5	0.7	21	52
EW-7	--	--	26.4	0.0	21	53	EW-7	--	--	26.2	0.0	21	53
EW-8	--	--	37.2	0.0	27	35	EW-8	--	--	38.6	0.0	27	35
EW-9	--	--	40.2	0.0	27	33	EW-9	--	--	37.0	0.0	26	37
EW-10	--	--	6.4	8.6	11.0	74	EW-10	-0.70	--	4.4	9.5	8.7	77
EW-11	--	--	0.8	15.8	3.3	80	EW-11	-1.10	--	1.6	14.6	9.3	75
EW-12	--	--	0.0	8.2	9.1	83	EW-12	-0.90	--	0.0	13.8	4.7	82
SW1	--	--	36.8	0.0	27	36	SW1	--	--	35.7	0.0	25	39
SW2	--	--	38.1	0.0	26	36	SW2	--	--	36.0	0.0	26	38
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	7.5	0.0	20	73	NW1	--	--	10.9	0.8	19	69
NW2	--	--	37.5	0.0	28	35	NW2	--	--	31.8	0.0	25	43
NW3	--	--	38.4	0.0	28	34	NW3	--	--	39.1	0.0	28	33
NW4	--	--	2.8	0.0	22	75	NW4	--	--	22.4	0.0	22	56
NW5	--	--	13.1	5.9	15	66	NW5	--	--	15.2	6.3	15	64
NW6	--	--	37.3	1.4	27	34	NW6	--	--	29.9	0.0	27	43
NW7	--	--	59.1	0.0	32	9	NW7	--	--	56.2	0.0	32	12
NW8	--	--	9.8	0.2	19	71	NW8	--	--	17.8	2.8	19	60
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	3.60	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To:	Gary Saylor SCS <gsaylor@scsengineers.com>	Pages:	5
From:	Mike Broyles <rmbcom@woh.rr.com>		
Date:	8/29/2011		
Subject:	LFG Monitoring Summary - Week of 08/15/11 - 08/21/11		

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 180 to 360 mins ON and 480 to 1080 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 19, 2011 with temps of 72°F to 88°F and mostly cloudy conditions.
Vacuum readings were last taken on August 8, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/15/2011	--	--	--	--	2:00@	5:00	--	--	3.0
8/16/2011	--	--	11:00*	--	--	5:00	--	--	6.0
8/17/2011	--	--	11:00@	--	--	1:30#	--	--	2.5
8/18/2011	--	--	11:30*	--	--	5:00	--	--	5.5
8/19/2011	--	--	7:00	--	--	1:00	--	--	6.0
8/20/2011	--	--	7:00	--	--	1:00	--	--	6.0
8/21/2011	--	--	7:00	--	--	1:00	--	--	6.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/15/2011	--	--	--	--	--
8/16/2011	--	--	--	--	--
8/17/2011	--	--	--	--	--
8/18/2011	--	--	--	--	--
8/19/2011	GV, S&EW, CPs & TGP/GP	9:00A - 4:00P	0.0	30.07 - 30.05	F
8/20/2011		--	--	--	--
8/21/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-Aug		16-Aug		17-Aug		18-Aug		19-Aug		20-Aug		21-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	13.5	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-Aug		16-Aug		17-Aug		18-Aug		19-Aug		20-Aug		21-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	12.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 8 - Aug 14, 2011						Week of:	Aug 15 - Aug 21, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-2.10	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	74	3.8	2.9	15	78	GV1-1	--	68	6.0	8.4	13	73
GV1-2	--	66	31.3	0.8	23	45	GV1-2	--	68	34.7	0.0	26	39
GV1-3	--	76	29.6	0.0	25	45	GV1-3	--	70	30.0	0.0	25	45
GV1-4	--	80	27.6	0.0	24	48	GV1-4	--	70	34.7	0.0	28	39
GV1-5	--	82	29.1	0.0	25	46	GV1-5	--	76	24.7	0.0	24	51
GV1-6	--	70	30.0	0.0	25	45	GV1-6	--	72	22.8	0.0	24	53
GV1-7	--	70	30.0	0.0	25	45	GV1-7	--	74	10.0	0.0	20	70
GV1-8	--	70	29.9	0.1	25	45	GV1-8	--	72	9.8	0.0	20	70
GV1-9	--	70	30.3	0.0	25	45	GV1-9	--	70	14.5	0.0	22	64
GV1-10X	--	72	27.9	0.0	25	47	**GV1-10X**	--	76	9.4	0.0	20	71
GV1-11	--	70	1.7	15.4	3.6	79	GV1-11	--	74	2.2	16.0	4.0	78
GV1-12	--	78	28.2	0.0	25	47	GV1-12	--	78	19.6	0.0	23	57
GV1-13	--	72	27.9	0.0	25	47	GV1-13	--	68	8.3	0.3	19	72
LEG 1b	-1.40	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.5	13.0	6.3	80	GV1b-1	--	--	0.5	13.2	6.6	80
GV1b-2	--	80	4.0	5.9	13	77	GV1b-2	--	76	4.5	2.2	17	76
GV1b-3	--	74	1.4	12.0	7.5	79	GV1b-3	--	72	1.8	10.8	8.7	79
GV1b-4	--	80	0.5	14.1	5.4	80	GV1b-4	--	78	0.1	12.5	7.6	80
GV1b-5	--	84	1.0	12.8	6.5	80	GV1b-5	--	76	0.7	9.4	10	80
LEG 2	-0.40	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	80	1.6	10.6	7.5	80	GV2-1	--	80	2.0	15.3	5.0	78
GV2-2	--	84	1.5	10.8	7.6	80	GV2-2	--	82	0.2	12.3	7.0	81
GV2-3	--	82	7.3	2.0	14	77	GV2-3	--	84	0.2	8.4	10	81
GV2-4	--	88	10.2	0.0	16	74	GV2-4	--	88	3.7	3.5	14	79
LEG 3	-0.40	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	50.2	0.0	26	24	GV3-1	--	--	50.1	0.0	26	24
GV3-2	--	--	38.2	0.0	23	39	GV3-2	--	--	34.0	0.0	23	43
GV3-3	--	--	40.2	0.8	23	36	GV3-3	--	--	0.0	17.8	2.1	80
GV3-4	--	90	41.0	0.2	24	35	GV3-4	--	86	1.3	8.6	10	80
GV3-5	--	--	39.9	0.7	23	36	GV3-5	--	--	5.4	3.9	14	77
GV3-6	--	--	36.4	1.3	22	40	GV3-6	--	--	2.3	0.3	16	81
GV3-7	--	--	27.6	2.3	19	51	GV3-7	--	--	1.2	0.8	15	83
GV3-8	--	--	5.3	0.0	14	81	GV3-8	--	--	3.0	0.0	14	83
GV3-9	--	--	9.4	0.6	13	77	GV3-9	--	--	6.8	2.7	12	79
GV3-10 X	--	--	15.7	9.2	11	64	**GV3-10 X**	--	--	0.0	2.4	15	83
GV3-11	--	--	3.8	11.6	6.9	78	GV3-11	--	--	0.2	2.8	15	82
GV3-12	--	--	5.6	10.5	8.2	76	GV3-12	--	--	0.0	4.2	14	82
GV3-13	--	--	5.8	10.0	8.5	76	GV3-13	--	--	0.8	6.2	11	82
GV3-14	--	--	27.9	1.0	19	52	GV3-14	--	--	31.9	0.0	22	46
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.60	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	84	18.0	3.6	17	61	GV4-C	--	80	0.4	9.2	9.1	81
GV4-B	--	--	16.1	4.0	16	64	GV4-B	--	--	0.7	9.6	12	78
GV4-A	--	--	20.6	1.8	20	58	GV4-A	--	--	0.7	10.1	8.7	81
GV4-1	--	--	10.1	3.2	16	71	GV4-1	--	--	15.9	1.7	19	63
GV4-2	--	--	20.8	1.8	19	58	GV4-2	--	--	8.9	0.0	18	73
GV4-3	--	--	21.9	1.1	20	57	GV4-3	--	--	1.6	10.4	8.2	80
GV4-4 X	--	--	0.0	19.3	0.0	81	**GV4-4 X**	--	--	0.0	19.2	0.0	81
GV4-5	--	--	10.5	9.8	10	70	GV4-5	--	--	15.8	0.0	21	63
GV4-6	--	--	19.4	2.6	18	60	GV4-6	--	--	3.6	9.8	10	77
GV4-7	--	--	22.3	0.0	22	56	GV4-7	--	--	22.0	0.4	22	56
LEG 5	-0.80	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	98	4.6	4.8	10	81	GV5-1	--	82	34.9	1.0	23	41
GV5-2	--	--	24.0	0.0	21	55	GV5-2	--	--	39.1	0.0	24	37
GV5-3	--	--	10.6	3.8	13	73	GV5-3	--	--	32.6	0.0	24	43
GV5-4	--	--	14.4	5.2	14	66	GV5-4	--	--	31.0	0.0	23	46
GV5-5	--	--	12.0	2.8	14	71	GV5-5	--	--	30.7	0.5	22	47
GV5-6	--	--	11.9	5.5	12	71	GV5-6	--	--	30.8	0.7	22	47
GV5-7	--	--	11.1	6.1	12	71	GV5-7	--	--	31.6	0.2	23	45
GV5-8	--	--	0.0	18.4	1.0	81	GV5-8	--	--	0.0	15.8	3.6	81
GV5-9	--	--	0.0	18.8	0.7	81	GV5-9	--	--	0.0	18.8	1.2	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 8 - Aug 14, 2011						Week of:	Aug 15 - Aug 21, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-1.10	--	14.2	0.0	22	64	EW-1	--	--	15.9	0.0	23	61
EW-2	-0.90	--	0.0	5.8	12	82	EW-2	--	--	0.0	3.8	15	81
EW-3	-0.50	--	20.1	0.3	19	61	EW-3	--	--	16.1	0.8	19	64
EW-4	--	--	27.6	0.6	23	49	EW-4	--	--	20.0	0.0	21	59
EW-5	--	--	33.7	0.0	25	41	EW-5	--	--	26.2	0.0	20	54
EW-6	--	--	26.5	0.7	21	52	EW-6	--	--	25.2	0.0	23	52
EW-7	--	--	26.2	0.0	21	53	EW-7	--	--	25.8	0.2	22	52
EW-8	--	--	36.6	0.0	27	36	EW-8	--	--	27.0	0.0	23	50
EW-9	--	--	37.0	0.0	28	37	EW-9	--	--	38.6	0.0	27	34
EW-10	-0.70	--	4.4	9.5	8.7	77	EW-10	--	--	0.5	6.2	8.4	85
EW-11	-1.10	--	1.6	14.6	9.3	75	EW-11	--	--	0.6	19.2	1.1	79
EW-12	-0.90	--	0.0	13.8	4.7	82	EW-12	--	--	0.1	16.7	3.2	80
SW1	--	--	35.7	0.0	25	39	SW1	--	--	32.8	0.0	27	40
SW2	--	--	36.0	0.0	26	38	SW2	--	--	34.3	0.0	27	39
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	10.9	0.8	19	69	NW1	--	--	8.6	0.0	20	71
NW2	--	--	31.8	0.0	25	43	NW2	--	--	36.4	0.0	27	37
NW3	--	--	39.1	0.0	28	33	NW3	--	--	38.8	0.0	30	31
NW4	--	--	22.4	0.0	22	56	NW4	--	--	24.2	0.0	24	52
NW5	--	--	15.2	6.3	15	64	NW5	--	--	10.8	0.0	21	68
NW6	--	--	29.9	0.0	27	43	NW6	--	--	14.0	12.8	11	62
NW7	--	--	56.2	0.0	32	12	NW7	--	--	57.4	0.0	32	11
NW8	--	--	17.8	2.8	19	60	NW8	--	--	11.0	0.3	20	69
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	3.60	--	--	--	--	FLARE 90	--	3.00	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/30/2011

Subject: LFG Monitoring Summary - Week of 08/22/11 - 08/28/11

Summary: All CPs remained in compliance this week.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 to 360 mins ON and 1080 to 1140 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 25, 2011 with temps of 71°F to 83°F and scattered clouds.
Vacuum readings were last taken on August 8, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/22/2011	--	--	7:00*	--	--	1:00	--	--	6.0
8/23/2011	--	--	7:00	--	--	1:00	--	--	6.0
8/24/2011	--	--	7:00	--	--	1:00	--	--	6.0
8/25/2011	--	--	7:00	--	--	12:00	--	--	5.0
8/26/2011	--	--	7:00	--	--	12:00	--	--	5.0
8/27/2011	--	--	7:00	--	--	12:00	--	--	5.0
8/28/2011	--	--	7:00	--	--	12:00	--	--	5.0
								Total Hrs. =	38.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/22/2011	--	--	--	--	--
8/23/2011	--	--	--	--	--
8/24/2011	--	--	--	--	--
8/25/2011	GV, S&EW, CPs & TGP/GP	9:00A - 4:00P	0.0	29.88 - 29.94	R
8/26/2011	--	--	--	--	--
8/27/2011		--	--	--	--
8/28/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	22-Aug		23-Aug		24-Aug		25-Aug		26-Aug		27-Aug		28-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	15.0	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	16.5	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	17.7	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	16.5	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	22-Aug		23-Aug		24-Aug		25-Aug		26-Aug		27-Aug		28-Aug	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
TGP-76	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 15 - Aug 21, 2011						Week of:	Aug 22 - Aug 28, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	68	6.0	8.4	13	73	GV1-1	–	68	2.3	11.4	8.9	77
GV1-2	–	68	34.7	0.0	26	39	GV1-2	–	68	34.2	0.3	25	41
GV1-3	–	70	30.0	0.0	25	45	GV1-3	–	70	29.2	0.0	25	46
GV1-4	–	70	34.7	0.0	28	39	GV1-4	–	70	33.4	0.0	25	42
GV1-5	–	76	24.7	0.0	24	51	GV1-5	–	72	23.4	0.0	24	53
GV1-6	–	72	22.8	0.0	24	53	GV1-6	–	74	10.5	0.0	20	70
GV1-7	–	74	10.0	0.0	20	70	GV1-7	–	70	5.6	0.7	19	75
GV1-8	–	72	9.8	0.0	20	70	GV1-8	–	72	8.2	0.0	21	71
GV1-9	–	70	14.6	0.0	22	64	GV1-9	–	70	14.0	0.0	23	63
GV1-10X	–	76	9.4	0.0	20	71	**GV1-10X**	–	74	11.6	0.0	21	67
GV1-11	–	74	2.2	16.0	4.0	78	GV1-11	–	74	2.1	14.8	4.6	79
GV1-12	–	78	19.6	0.0	23	57	GV1-12	–	76	18.7	0.0	23	58
GV1-13	–	68	8.3	0.3	19	72	GV1-13	–	68	8.5	0.0	20	72
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.5	13.2	6.6	80	GV1b-1	–	–	0.5	11.8	7.6	80
GV1b-2	–	76	4.5	2.2	17	76	GV1b-2	–	70	4.4	1.3	17	77
GV1b-3	–	72	1.6	10.8	8.7	79	GV1b-3	–	66	3.1	4.7	13	79
GV1b-4	–	78	0.1	12.5	7.8	80	GV1b-4	–	74	0.1	11.4	7.6	81
GV1b-5	–	76	0.7	9.4	10	80	GV1b-5	–	72	0.8	0.2	18	81
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	80	2.0	15.3	5.0	78	GV2-1	–	78	1.8	15.2	4.7	78
GV2-2	–	82	0.2	12.3	7.0	81	GV2-2	–	80	0.1	11.3	6.9	82
GV2-3	–	84	0.2	8.4	10	81	GV2-3	–	82	0.6	6.3	9.4	84
GV2-4	–	88	3.7	3.5	14	79	GV2-4	–	86	3.3	4.3	13	79
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	50.1	0.0	26	24	GV3-1	–	–	48.0	0.0	26	26
GV3-2	–	–	34.0	0.0	23	43	GV3-2	–	–	29.6	0.0	23	47
GV3-3	–	–	0.0	17.8	2.1	80	GV3-3	–	–	0.0	18.2	2.2	80
GV3-4	–	86	1.3	8.6	10	80	GV3-4	–	74	1.0	9.6	9	80
GV3-5	–	–	5.4	3.9	14	77	GV3-5	–	–	3.7	5.5	13	78
GV3-6	–	–	2.3	0.3	16	81	GV3-6	–	–	1.6	0.8	15	83
GV3-7	–	–	1.2	0.8	15	83	GV3-7	–	–	0.8	1.8	14	83
GV3-8	–	–	3.0	0.0	14	83	GV3-8	–	–	2.1	0.0	14	84
GV3-9	–	–	6.8	2.7	12	79	GV3-9	–	–	5.4	3.3	12	79
GV3-10 X	–	–	0.0	2.4	15	83	**GV3-10 X**	–	–	0.0	4.0	13	83
GV3-11	–	–	0.2	2.8	15	82	GV3-11	–	–	0.0	3.5	15	82
GV3-12	–	–	0.0	4.2	14	82	GV3-12	–	–	0.0	4.8	14	81
GV3-13	–	–	0.8	6.2	11	82	GV3-13	–	–	1.2	11.7	7.2	80
GV3-14	–	–	31.9	0.0	22	46	GV3-14	–	–	30.4	0.0	21	49
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	80	0.4	9.2	9.1	81	GV4-C	–	80	0.3	8.5	9.4	82
GV4-B	–	–	0.7	9.6	12	78	GV4-B	–	–	0.7	4.4	12	83
GV4-A	–	–	0.7	10.1	8.7	81	GV4-A	–	–	0.1	9.3	10	81
GV4-1	–	–	15.9	1.7	19	63	GV4-1	–	–	14.4	2.0	18	66
GV4-2	–	–	8.9	0.0	18	73	GV4-2	–	–	10.6	0.1	19	70
GV4-3	–	–	1.8	10.4	8.2	80	GV4-3	–	–	1.8	9.8	8.6	80
GV4-4 X	–	–	0.0	19.2	0.0	81	**GV4-4 X**	–	–	0.0	19.1	0.4	81
GV4-5	–	–	15.8	0.0	21	63	GV4-5	–	–	17.6	0.1	21	61
GV4-6	–	–	3.8	9.8	10	77	GV4-6	–	–	1.9	9.1	10	79
GV4-7	–	–	22.0	0.4	22	56	GV4-7	–	–	21.9	0.7	22	55
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	82	34.9	1.0	23	41	GV5-1	–	80	2.6	18.2	1.8	77
GV5-2	–	–	39.1	0.0	24	37	GV5-2	–	–	2.8	16.6	2.3	78
GV5-3	–	–	32.6	0.0	24	43	GV5-3	–	–	28.2	0.2	24	48
GV5-4	–	–	31.0	0.0	23	46	GV5-4	–	–	25.6	0.0	19	55
GV5-5	–	–	30.7	0.5	22	47	GV5-5	–	–	24.4	4.2	18	53
GV5-6	–	–	30.8	0.7	22	47	GV5-6	–	–	30.3	2.2	22	46
GV5-7	–	–	31.6	0.2	23	45	GV5-7	–	–	22.2	4.5	17	56
GV5-8	–	–	0.0	15.8	3.6	81	GV5-8	–	–	0.0	13.0	6.3	81
GV5-9	–	–	0.0	18.8	1.2	80	GV5-9	–	–	0.0	15.4	3.9	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 15 - Aug 21, 2011						Week of:	Aug 22 - Aug 28, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	15.9	0.0	23	61	EW-1	--	--	15.5	0.0	23	62
EW-2	--	--	0.0	3.8	15	81	EW-2	--	--	0.0	3.8	15	81
EW-3	--	--	16.1	0.8	19	64	EW-3	--	--	15.4	1.1	19	65
EW-4	--	--	20.0	0.0	21	59	EW-4	--	--	19.4	0.0	20	61
EW-5	--	--	26.2	0.0	20	54	EW-5	--	--	24.8	0.0	21	54
EW-6	--	--	25.2	0.0	23	52	EW-6	--	--	24.7	0.0	23	52
EW-7	--	--	25.8	0.2	22	52	EW-7	--	--	25.0	0.0	22	53
EW-8	--	--	27.0	0.0	23	50	EW-8	--	--	27.1	0.0	24	49
EW-9	--	--	38.6	0.0	27	34	EW-9	--	--	37.6	0.0	26	36
EW-10	--	--	0.5	6.2	8.4	85	EW-10	--	--	0.6	6.0	9.1	84
EW-11	--	--	0.6	19.2	1.1	79	EW-11	--	--	0.4	19.0	1.0	80
EW-12	--	--	0.1	16.7	3.2	80	EW-12	--	--	0.0	16.7	3.0	80
SW1	--	--	32.8	0.0	27	40	SW1	--	--	28.7	0.0	26	45
SW2	--	--	34.3	0.0	27	39	SW2	--	--	32.3	0.0	26	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.6	0.0	20	71	NW1	--	--	9.7	0.0	20	70
NW2	--	--	36.4	0.0	27	37	NW2	--	--	37.3	0.0	27	36
NW3	--	--	38.8	0.0	30	31	NW3	--	--	39.1	0.0	29	32
NW4	--	--	24.2	0.0	24	52	NW4	--	--	22.7	0.0	23	54
NW5	--	--	10.8	0.0	21	68	NW5	--	--	10.7	0.0	21	68
NW6	--	--	14.0	12.8	11	62	NW6	--	--	40.9	0.4	28	31
NW7	--	--	57.4	0.0	32	11	NW7	--	--	40.1	0.0	28	32
NW8	--	--	11.0	0.3	20	69	NW8	--	--	11.5	0.2	21	67
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	3.00	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

October 7, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #200 – September 2011
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for September 2011.

Should you have any questions or comments please do not hesitate to contact the undersigned at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: (w/ attachment; via U.S. Mail)
H. Cole
S. Glum
T. Hut
J. Weatherington-Rice
N. Wood-Chi

(w/ attachments; via e-mail)
VLSG Steering Committee
VLSG Technical Committee
V. Stamp

Monthly Progress Report
Removal Action
Report Number 200 – September 2011
North Sanitary Landfill
Dayton, Montgomery County, Ohio

A. Actions Taken Toward Compliance with the Order

- The following work, related to the operation of the landfill gas abatement system (LGAS), was performed during the reporting period:
  - Operation of the LGAS was continued and select probes were monitored during the reporting period (see attached Weekly LFG Monitoring Summaries);
  - The site fence was inspected during the reporting period and any necessary repairs were addressed; and,
  - On September 2, 2011 a check in the amount of $3,655.37 was issued to U.S. EPA towards the Agency's revised CY2009 oversight bill.
- The following activities associated with the Removal Action occurred during the reporting period:
  - Complete.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of September 2011 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (October 2011)

- Develop Monthly Progress Report #200 summarizing activities in September 2011 for submission to the U.S. EPA;
- Continue LGAS operation and performance monitoring; and,
- Conduct the fourth quarter 2011 combustible gas indicator (CGI) checks.

PAPER

G. Schedule of Significant Activities and Deliverables (October 2011)

- October 10 - Anticipated submittal of the September 2011 MPR to U.S. EPA; and,
- Mid-October - Tentatively conduct the 4th quarter CGI checks.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	09/02	U.S. EPA	Payment re: Revised Calendar Year 2009 Oversight Bill; and,
dmi transmittal	09/09	U.S. EPA.	Monthly Progress Report for the Month of August 2011.

PAPER

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 9/12/2011

Subject: LFG Monitoring Summary - Week of 08/29/11 - 09/04/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 300 mins ON and 1140 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed September 4, 2011 with temps of 70°F to 73°F and light rain.
Vacuum readings were last taken on August 8, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/29/2011	--	--	7:00	--	--	12:00	--	--	5.0
8/30/2011	--	--	7:00	--	--	12:00	--	--	5.0
8/31/2011	--	--	7:00	--	--	12:00	--	--	5.0
9/1/2011	--	--	7:00@	--	--	12:00	--	--	5.0
9/2/2011	7:00	7:30#	8:30*	--	--	12:00	--	--	4.0
9/3/2011	--	--	7:00	--	--	12:00	--	--	5.0
9/4/2011	--	--	7:00	--	--	12:00	--	--	5.0
								Total Hrs. =	34.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/29/2011	--	--	--	--	--
8/30/2011	--	--	--	--	--
8/31/2011	--	--	--	--	--
9/1/2011	--	--	--	--	--
9/2/2011	--	--	--	--	--
9/3/2011	CPs & TGP/GP	9:00A - 1:30P	0.0	29.97 - 29.91	F
9/4/2011	GV, S&EW	10:00A - 1:30P	--	29.93 - 29.89	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	29-Aug		30-Aug		31-Aug		1-Sep		2-Sep		3-Sep		4-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	15.7	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling Instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	29-Aug		30-Aug		31-Aug		1-Sep		2-Sep		3-Sep		4-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 22 - Aug 28, 2011						Week of:	Aug 29 - Sep 4, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	68	2.3	11.4	8.9	77	GV1-1	–	80	0.8	13.1	7.7	78
GV1-2	–	68	34.2	0.3	25	41	GV1-2	–	56	33.1	0.4	25	42
GV1-3	–	70	29.2	0.0	25	46	GV1-3	–	64	29.7	0.0	26	44
GV1-4	–	70	33.4	0.0	25	42	GV1-4	–	70	31.1	0.0	26	43
GV1-5	–	72	23.4	0.0	24	53	GV1-5	–	72	21.8	0.0	24	54
GV1-6	–	74	10.5	0.0	20	70	GV1-6	–	72	18.7	0.0	23	58
GV1-7	–	70	5.6	0.7	19	75	GV1-7	–	72	8.3	0.0	19	73
GV1-8	–	72	8.2	0.0	21	71	GV1-8	–	70	14.6	0.0	21	64
GV1-9	–	70	14.0	0.0	23	63	GV1-9	–	70	16.2	0.0	23	61
GV1-10X	–	74	11.6	0.0	21	67	**GV1-10X**	–	74	11.1	0.0	22	67
GV1-11	–	74	2.1	14.8	4.6	79	GV1-11	–	70	4.1	11.6	7.2	77
GV1-12	–	76	18.7	0.0	23	58	GV1-12	–	74	19.1	0.0	24	57
GV1-13	–	68	8.5	0.0	20	72	GV1-13	–	68	9.8	0.0	19	71
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.5	11.6	7.6	80	GV1b-1	–	–	0.7	12.6	7.6	79
GV1b-2	–	70	4.4	1.3	17	77	GV1b-2	–	72	6.7	2.6	18	73
GV1b-3	–	66	3.1	4.7	13	79	GV1b-3	–	68	3.2	5.9	12	79
GV1b-4	–	74	0.1	11.4	7.6	81	GV1b-4	–	74	0.1	12.5	7.1	80
GV1b-5	–	72	0.8	0.2	18	81	GV1b-5	–	72	1.0	0.5	18	81
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	78	1.8	15.2	4.7	78	GV2-1	–	80	2.1	14.1	5.2	79
GV2-2	–	80	0.1	11.3	6.9	82	GV2-2	–	80	0.1	12.6	6.3	81
GV2-3	–	82	0.6	6.3	9.4	84	GV2-3	–	82	0.2	6.8	10	83
GV2-4	–	86	3.3	4.3	13	79	GV2-4	–	86	3.7	3.1	14	79
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	48.0	0.0	26	26	GV3-1	–	–	51.2	0.0	27	22
GV3-2	–	–	29.6	0.0	23	47	GV3-2	–	–	36.6	0.0	24	39
GV3-3	–	–	0.0	16.2	2.2	80	GV3-3	–	–	0.0	16.6	2.8	81
GV3-4	–	74	1.0	9.6	9	80	GV3-4	–	68	1.8	8.7	10	80
GV3-5	–	–	3.7	5.5	13	78	GV3-5	–	–	7.3	3.6	15	74
GV3-6	–	–	1.6	0.8	15	83	GV3-6	–	–	2.8	0.2	15	82
GV3-7	–	–	0.8	1.8	14	83	GV3-7	–	–	1.4	0.4	14	84
GV3-8	–	–	2.1	0.0	14	84	GV3-8	–	–	3.2	0.0	14	83
GV3-9	–	–	5.4	3.3	12	79	GV3-9	–	–	8.0	2.1	14	76
GV3-10 X	–	–	0.0	4.0	13	83	**GV3-10 X**	–	–	0.0	2.3	14	84
GV3-11	–	–	0.0	3.5	15	82	GV3-11	–	–	0.0	2.5	15	83
GV3-12	–	–	0.0	4.8	14	81	GV3-12	–	–	1.0	2.2	15	82
GV3-13	–	–	1.2	11.7	7.2	80	GV3-13	–	–	2.5	4.8	12	81
GV3-14	–	–	30.4	0.0	21	49	GV3-14	–	–	23.6	2.3	19	55
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	80	0.3	8.5	9.4	82	GV4-C	–	74	0.4	9.0	9.4	81
GV4-B	–	–	0.7	4.4	12	83	GV4-B	–	–	0.8	4.1	13	82
GV4-A	–	–	0.1	9.3	10	81	GV4-A	–	–	0.2	9.1	10	81
GV4-1	–	–	14.4	2.0	18	66	GV4-1	–	–	13.9	2.5	18	66
GV4-2	–	–	10.6	0.1	19	70	GV4-2	–	–	21.0	0.0	22	57
GV4-3	–	–	1.8	9.8	8.6	80	GV4-3	–	–	1.5	10.0	8.6	80
GV4-4 X	–	–	0.0	19.1	0.4	81	**GV4-4 X**	–	–	0.0	19.3	0.2	81
GV4-5	–	–	17.6	0.1	21	61	GV4-5	–	–	15.8	0.2	21	63
GV4-6	–	–	1.9	9.1	10	79	GV4-6	–	–	2.3	8.6	10	79
GV4-7	–	–	21.9	0.7	22	55	GV4-7	–	–	22.6	1.0	22	54
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	80	2.6	18.2	1.8	77	GV5-1	–	78	33.8	1.9	23	42
GV5-2	–	–	2.8	16.6	2.3	78	GV5-2	–	–	38.4	0.0	26	36
GV5-3	–	–	28.2	0.2	24	48	GV5-3	–	–	36.4	0.0	25	39
GV5-4	–	–	25.6	0.0	19	55	GV5-4	–	–	22.0	4.7	17	56
GV5-5	–	–	24.4	4.2	18	53	GV5-5	–	–	28.1	3.6	20	50
GV5-6	–	–	30.3	2.2	22	46	GV5-6	–	–	17.1	6.3	15	62
GV5-7	–	–	22.2	4.5	17	56	GV5-7	–	–	7.3	0.0	18	75
GV5-8	–	–	0.0	13.0	6.3	81	GV5-8	–	–	0.0	6.1	10	84
GV5-9	–	–	0.0	15.4	3.9	81	GV5-9	–	–	0.0	4.8	12	83

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 22 - Aug 28, 2011						Week of:	Aug 29 - Sep 4, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	15.5	0.0	23	62	EW-1	--	--	14.3	0.0	22	64
EW-2	--	--	0.0	3.8	15	81	EW-2	--	--	0.0	5.2	14	81
EW-3	--	--	15.4	1.1	19	65	EW-3	--	--	16.9	1.9	19	62
EW-4	--	--	19.4	0.0	20	61	EW-4	--	--	23.3	0.0	21	56
EW-5	--	--	24.8	0.0	21	54	EW-5	--	--	28.7	0.0	23	48
EW-6	--	--	24.7	0.0	23	52	EW-6	--	--	26.4	0.0	24	50
EW-7	--	--	25.0	0.0	22	53	EW-7	--	--	24.9	0.0	22	53
EW-8	--	--	27.1	0.0	24	49	EW-8	--	--	21.2	0.0	21	58
EW-9	--	--	37.6	0.0	26	36	EW-9	--	--	37.1	0.0	27	36
EW-10	--	--	0.6	6.0	9.1	84	EW-10	--	--	0.5	5.4	9.2	85
EW-11	--	--	0.4	19.0	1.0	80	EW-11	--	--	0.4	19.0	0.9	80
EW-12	--	--	0.0	16.7	3.0	80	EW-12	--	--	0.0	15.9	3.1	81
SW1	--	--	28.7	0.0	26	45	SW1	--	--	33.1	0.0	27	40
SW2	--	--	32.3	0.0	26	42	SW2	--	--	31.2	0.0	27	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	9.7	0.0	20	70	NW1	--	--	12.3	0.0	20	68
NW2	--	--	37.3	0.0	27	36	NW2	--	--	30.8	0.0	26	43
NW3	--	--	39.1	0.0	29	32	NW3	--	--	35.9	0.0	29	35
NW4	--	--	22.7	0.0	23	54	NW4	--	--	25.6	0.0	24	50
NW5	--	--	10.7	0.0	21	68	NW5	--	--	8.8	0.2	20	71
NW6	--	--	40.9	0.4	28	31	NW6	--	--	8.0	14.7	7.4	70
NW7	--	--	40.1	0.0	28	32	NW7	--	--	53.2	0.0	32	15
NW8	--	--	11.5	0.2	21	67	NW8	--	--	11.2	0.0	20	69
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 9/16/2011

Subject: LFG Monitoring Summary - Week of 09/05/11 - 09/11/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 300 ON and 1140 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed September 9, 2011 with temps of 61°F to 67°F and overcast conditions.
Vacuum readings were last taken on August 8, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
9/5/2011	--	--	6:30	11:30	--	--	--	--	5.0
9/6/2011	--	--	6:30	11:30	--	--	--	--	5.0
9/7/2011	--	--	6:30@	11:30	--	--	--	--	5.0
9/8/2011	--	--	6:30*	11:30	--	--	--	--	5.0
9/9/2011	--	--	6:30	11:30	--	--	--	--	5.0
9/10/2011	--	--	6:00@	11:00	--	--	--	--	5.0
9/11/2011	--	--	6:00	7:30#	--	--	--	--	1.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
9/5/2011	--	--	--	--	--
9/6/2011	--	--	--	--	--
9/7/2011	--	--	--	--	--
9/8/2011	--	--	--	--	--
9/9/2011	CPs & TGP/GP, GV, S&EW	9:00A - 4:00P	0.0	29.95 -29.93	F
9/10/2011	--	--	--	--	--
9/11/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	5-Sep		6-Sep		7-Sep		8-Sep		9-Sep		10-Sep		11-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	13.4	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	13.3	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	5-Sep		6-Sep		7-Sep		8-Sep		9-Sep		10-Sep		11-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	13.4	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--

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(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 28 - Sep 4, 2011						Week of:	Sep 5 - Sep 11, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	80	0.8	13.1	7.7	78	GV1-1	–	60	9.6	0.0	20	70
GV1-2	–	56	33.1	0.4	25	42	GV1-2	–	60	32.8	0.0	26	41
GV1-3	–	64	29.7	0.0	26	44	GV1-3	–	62	32.4	0.0	27	41
GV1-4	–	70	31.1	0.0	26	43	GV1-4	–	64	35.3	0.0	26	39
GV1-5	–	72	21.8	0.0	24	54	GV1-5	–	68	26.0	0.0	25	49
GV1-6	–	72	18.7	0.0	23	58	GV1-6	–	66	25.2	0.0	25	50
GV1-7	–	72	8.3	0.0	19	73	GV1-7	–	62	14.3	0.0	22	64
GV1-8	–	70	14.6	0.0	21	64	GV1-8	–	62	12.7	0.2	21	66
GV1-9	–	70	16.2	0.0	23	61	GV1-9	–	60	16.2	0.0	24	58
GV1-10X	–	74	11.1	0.0	22	67	**GV1-10X**	–	64	24.7	1.1	20	54
GV1-11	–	70	4.1	11.6	7.2	77	GV1-11	–	62	13.9	2.4	19	65
GV1-12	–	74	19.1	0.0	24	57	GV1-12	–	68	21.6	0.0	24	54
GV1-13	–	68	9.8	0.0	19	71	GV1-13	–	62	10.7	0.0	20	69
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.7	12.6	7.8	79	GV1b-1	–	–	0.8	11.2	8.3	80
GV1b-2	–	72	6.7	2.8	18	73	GV1b-2	–	66	6.5	0.8	18	75
GV1b-3	–	68	3.2	5.9	12	79	GV1b-3	–	64	2.5	10.1	9.1	78
GV1b-4	–	74	0.1	12.5	7.1	80	GV1b-4	–	64	0.1	10.3	9.0	81
GV1b-5	–	72	1.0	0.5	18	81	GV1b-5	–	62	0.3	8.8	11	80
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	80	2.1	14.1	5.2	79	GV2-1	–	76	2.4	11.5	8.2	78
GV2-2	–	80	0.1	12.6	6.3	81	GV2-2	–	80	0.2	8.9	8.5	82
GV2-3	–	82	0.2	8.8	10	83	GV2-3	–	80	5.6	3.3	14	77
GV2-4	–	86	3.7	3.1	14	79	GV2-4	–	86	9.0	2.7	15	73
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	51.2	0.0	27	22	GV3-1	–	–	52.1	0.0	28	20
GV3-2	–	–	38.6	0.0	24	39	GV3-2	–	–	35.6	0.0	23	41
GV3-3	–	–	0.0	16.6	2.8	81	GV3-3	–	–	0.0	16.9	2.2	81
GV3-4	–	68	1.8	8.7	10	80	GV3-4	–	68	2.0	5.5	12	81
GV3-5	–	–	7.3	3.6	15	74	GV3-5	–	–	5.9	4.3	15	75
GV3-6	–	–	2.9	0.2	15	82	GV3-6	–	–	3.3	0.3	16	81
GV3-7	–	–	1.4	0.4	14	84	GV3-7	–	–	1.4	0.3	14	84
GV3-8	–	–	3.2	0.0	14	83	GV3-8	–	–	4.0	0.0	14	82
GV3-9	–	–	8.0	2.1	14	76	GV3-9	–	–	6.6	2.7	13	78
GV3-10 X	–	–	0.0	2.3	14	84	**GV3-10 X**	–	–	0.0	1.1	15	84
GV3-11	–	–	0.0	2.5	15	83	GV3-11	–	–	0.2	2.2	16	82
GV3-12	–	–	1.0	2.2	15	82	GV3-12	–	–	0.4	2.6	15	82
GV3-13	–	–	2.5	4.8	12	81	GV3-13	–	–	2.5	4.9	13	80
GV3-14	–	–	23.6	2.3	19	55	GV3-14	–	–	27.8	3.1	19	50
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	74	0.4	9.0	9.4	81	GV4-C	–	70	0.4	8.1	10	82
GV4-B	–	–	0.8	4.1	13	82	GV4-B	–	–	0.9	3.8	13	82
GV4-A	–	–	0.2	9.1	10	81	GV4-A	–	–	0.0	9.5	9.3	81
GV4-1	–	–	13.9	2.5	18	66	GV4-1	–	–	13.0	2.4	19	66
GV4-2	–	–	21.0	0.0	22	57	GV4-2	–	–	25.8	0.0	24	50
GV4-3	–	–	1.5	10.0	8.6	80	GV4-3	–	–	1.6	9.4	9.2	80
GV4-4 X	–	–	0.0	19.3	0.2	81	**GV4-4 X**	–	–	0.0	17.6	1.6	81
GV4-5	–	–	15.8	0.2	21	63	GV4-5	–	–	12.7	6.9	14	66
GV4-6	–	–	2.3	8.6	10	79	GV4-6	–	–	3.0	9.4	10	78
GV4-7	–	–	22.6	1.0	22	54	GV4-7	–	–	24.6	1.6	13	61
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	78	33.6	1.9	23	42	GV5-1	–	74	0.0	19.1	0.2	81
GV5-2	–	–	36.4	0.0	26	36	GV5-2	–	–	0.0	20.0	0.0	80
GV5-3	–	–	36.4	0.0	25	39	GV5-3	–	–	10.8	8.8	11	69
GV5-4	–	–	22.0	4.7	17	56	GV5-4	–	–	2.3	17.0	2.6	78
GV5-5	–	–	26.1	3.6	20	50	GV5-5	–	–	0.1	19.6	0.5	80
GV5-6	–	–	17.1	6.3	15	62	GV5-6	–	–	5.5	15.2	6.1	73
GV5-7	–	–	7.3	0.0	18	75	GV5-7	–	–	0.1	19.1	0.8	80
GV5-8	–	–	0.0	6.1	10	84	GV5-8	–	–	0.0	13.0	5.7	81
GV5-9	–	–	0.0	4.6	12	83	GV5-9	–	–	0.0	11.6	6.6	82

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 28 - Sep 4, 2011						Week of:	Sep 5 - Sep 11, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	14.3	0.0	22	64	EW-1	--	--	15.6	0.3	23	61
EW-2	--	--	0.0	5.2	14	81	EW-2	--	--	0.0	3.7	15	81
EW-3	--	--	16.9	1.9	19	62	EW-3	--	--	18.2	0.8	20	61
EW-4	--	--	23.3	0.0	21	56	EW-4	--	--	20.0	0.0	21	59
EW-5	--	--	28.7	0.0	23	48	EW-5	--	--	24.6	0.0	23	52
EW-6	--	--	26.4	0.0	24	50	EW-6	--	--	28.2	0.0	24	48
EW-7	--	--	24.9	0.0	22	53	EW-7	--	--	26.2	0.0	24	50
EW-8	--	--	21.2	0.0	21	58	EW-8	--	--	27.6	0.0	24	48
EW-9	--	--	37.1	0.0	27	36	EW-9	--	--	38.1	0.0	26	36
EW-10	--	--	0.5	5.4	9.2	85	EW-10	--	--	0.6	5.1	10	84
EW-11	--	--	0.4	19.0	0.9	80	EW-11	--	--	0.2	19.0	0.9	80
EW-12	--	--	0.0	15.9	3.1	81	EW-12	--	--	0.1	15.7	3.7	81
SW1	--	--	33.1	0.0	27	40	SW1	--	--	36.1	0.0	29	35
SW2	--	--	31.2	0.0	27	42	SW2	--	--	35.9	0.0	28	36
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	12.3	0.0	20	68	NW1	--	--	24.0	0.4	24	52
NW2	--	--	30.8	0.0	26	43	NW2	--	--	37.9	0.0	28	34
NW3	--	--	35.9	0.0	29	35	NW3	--	--	42.5	0.0	31	27
NW4	--	--	25.6	0.0	24	50	NW4	--	--	22.4	0.0	23	55
NW5	--	--	8.8	0.2	20	71	NW5	--	--	43.4	0.2	29	27
NW6	--	--	8.0	14.7	7.4	70	NW6	--	--	43.3	0.3	28	28
NW7	--	--	53.2	0.0	32	15	NW7	--	--	58.7	0.0	33	8
NW8	--	--	11.2	0.0	20	69	NW8	--	--	17.1	4.6	19	59
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 9/22/2011

Subject: LFG Monitoring Summary - Week of 09/12/11 - 09/18/11

Summary: All CPs remained in compliance this week.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 ON and 1140 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed September 16, 2011 with temps of 46°F to 60°F and mostly cloudy conditions.
Vacuum readings were last taken on September 16, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
9/12/2011	--	--	6:00*	11:00	--	--	--	--	5.0
9/13/2011	--	--	6:00	11:00	--	--	--	--	5.0
9/14/2011	--	--	6:00	11:00	--	--	--	--	5.0
9/15/2011	--	--	6:00@	11:00	--	--	--	--	5.0
9/16/2011	--	--	6:00@*	11:00	--	--	--	--	5.0
9/17/2011	--	--	6:00	11:00	--	--	--	--	5.0
9/18/2011	--	--	6:00	11:00	--	--	--	--	5.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
9/12/2011	--	--	--	--	--
9/13/2011	--	--	--	--	--
9/14/2011	--	--	--	--	--
9/15/2011	--	--	--	--	--
9/16/2011	GV, S&EW	9:30A - 1:00P	--	30.36 - 30.39	R
9/17/2011	CPs & TGP/GP	8:30A - 12:30P	0.0	30.30 - 30.28	F
9/18/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	12-Sep		13-Sep		14-Sep		15-Sep		16-Sep		17-Sep		18-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-B2	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-B3	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-08	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-B9	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	12-Sep		13-Sep		14-Sep		15-Sep		16-Sep		17-Sep		18-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	12.3	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	14.4	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	15.5	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 5 - Sep 11, 2011						Week of:	Sep 12 - Sep 18, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.60	--	--	--	--	--
GV1-1	--	60	9.6	0.0	20	70	GV1-1	--	60	10.5	0.0	21	69
GV1-2	--	60	32.8	0.0	26	41	GV1-2	--	50	35.3	0.2	27	38
GV1-3	--	62	32.4	0.0	27	41	GV1-3	--	52	35.1	0.0	28	37
GV1-4	--	64	35.3	0.0	26	39	GV1-4	--	58	34.0	0.0	28	38
GV1-5	--	66	28.0	0.0	25	49	GV1-5	--	56	26.3	0.0	26	49
GV1-6	--	66	25.2	0.0	25	50	GV1-6	--	60	20.9	0.0	25	54
GV1-7	--	62	14.3	0.0	22	64	GV1-7	--	50	14.7	2.4	20	63
GV1-8	--	62	12.7	0.2	21	66	GV1-8	--	50	10.1	5.6	16	68
GV1-9	--	60	18.2	0.0	24	58	GV1-9	--	50	20.2	0.0	25	55
GV1-10X	--	64	24.7	1.1	20	54	**GV1-10X**	--	52	17.0	0.1	23	60
GV1-11	--	62	13.9	2.4	19	65	GV1-11	--	50	5.7	12.5	8.1	74
GV1-12	--	68	21.6	0.0	24	54	GV1-12	--	80	23.4	0.2	25	51
GV1-13	--	62	10.7	0.0	20	69	GV1-13	--	50	18.3	0.0	24	58
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-0.80	--	--	--	--	--
GV1b-1	--	--	0.8	11.2	8.3	80	GV1b-1	--	--	0.7	11.8	8.3	79
GV1b-2	--	66	6.5	0.8	18	75	GV1b-2	--	60	7.2	1.8	19	72
GV1b-3	--	64	2.5	10.1	9.1	78	GV1b-3	--	48	1.9	12.0	8.2	78
GV1b-4	--	64	0.1	10.3	9.0	81	GV1b-4	--	60	0.1	11.6	9.1	79
GV1b-5	--	62	0.3	8.8	11	80	GV1b-5	--	52	0.5	8.9	11	80
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.10	--	--	--	--	--
GV2-1	--	76	2.4	11.5	8.2	78	GV2-1	--	80	1.9	15.3	6.2	77
GV2-2	--	80	0.2	8.9	8.5	82	GV2-2	--	80	0.1	12.3	7.9	80
GV2-3	--	80	5.6	3.3	14	77	GV2-3	--	80	1.2	5.5	13	80
GV2-4	--	66	9.0	2.7	15	73	GV2-4	--	90	6.9	4.4	15	74
LEG 3	--	--	--		--	--	**LEG 3**	-0.20	--	--		--	--
GV3-1	--	--	52.1	0.0	28	20	GV3-1	--	--	53.7	0.9	29	16
GV3-2	--	--	35.6	0.0	23	41	GV3-2	--	--	35.6	0.0	25	39
GV3-3	--	--	0.0	16.9	2.2	81	GV3-3	--	--	0.0	18.2	1.4	80
GV3-4	--	68	2.0	5.5	12	81	GV3-4	--	60	1.0	10.7	10	78
GV3-5	--	--	5.9	4.3	15	75	GV3-5	--	--	4.9	4.9	15	75
GV3-6	--	--	3.3	0.3	15	81	GV3-6	--	--	2.6	0.9	16	81
GV3-7	--	--	1.4	0.3	14	84	GV3-7	--	--	1.4	1.2	15	82
GV3-8	--	--	4.0	0.0	14	82	GV3-8	--	--	1.9	0.5	15	83
GV3-9	--	--	6.6	2.7	13	78	GV3-9	--	--	6.7	3.9	13	76
GV3-10 X	--	--	0.0	1.1	15	84	**GV3-10 X**	--	--	0.0	2.2	15	83
GV3-11	--	--	0.2	2.2	16	82	GV3-11	--	--	0.0	2.6	16	81
GV3-12	--	--	0.4	2.6	15	82	GV3-12	--	--	0.0	4.1	14	82
GV3-13	--	--	2.5	4.9	13	80	GV3-13	--	--	0.0	5.5	13	82
GV3-14	--	--	27.6	3.1	19	50	GV3-14	--	--	31.3	1.8	22	45
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.30	--	--	--	--	--
GV4-C	--	70	0.4	8.1	10	82	GV4-C	--	70	0.5	10.6	10	79
GV4-B	--	--	0.9	3.8	13	82	GV4-B	--	--	2.3	4.7	11	82
GV4-A	--	--	0.0	9.5	9.3	81	GV4-A	--	--	0.1	10.5	10	79
GV4-1	--	--	13.0	2.4	19	66	GV4-1	--	--	12.8	3.2	19	65
GV4-2	--	--	25.9	0.0	24	50	GV4-2	--	--	25.5	0.3	25	49
GV4-3	--	--	1.6	9.4	9.2	80	GV4-3	--	--	1.4	10.3	8.9	79
GV4-4 X	--	--	0.0	17.6	1.6	81	**GV4-4 X**	--	--	0.0	19.7	0.5	80
GV4-5	--	--	12.7	6.9	14	66	GV4-5	--	--	12.0	7.9	14	66
GV4-6	--	--	3.0	9.4	10	78	GV4-6	--	--	2.0	11.0	9.2	78
GV4-7	--	--	24.6	1.6	13	61	GV4-7	--	--	22.3	2.6	22	53
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.50	--	--	--	--	--
GV5-1	--	74	0.0	19.1	0.2	81	GV5-1	--	80	0.0	19.1	0.2	81
GV5-2	--	--	0.0	20.0	0.0	80	GV5-2	--	--	0.0	20.5	0.0	80
GV5-3	--	--	10.8	8.8	11	69	GV5-3	--	--	0.0	20.6	11	68
GV5-4	--	--	2.3	17.0	2.6	78	GV5-4	--	--	0.0	19.9	2.6	78
GV5-5	--	--	0.1	19.6	0.6	80	GV5-5	--	--	0.0	16.4	0.5	83
GV5-6	--	--	5.5	15.2	5.1	73	GV5-6	--	--	0.0	18.8	6.1	75
GV5-7	--	--	0.1	19.1	0.6	80	GV5-7	--	--	0.0	12.9	0.6	87
GV5-8	--	--	0.0	13.0	5.7	81	GV5-8	--	--	0.0	16.5	5.7	78
GV5-9	--	--	0.0	11.6	6.6	82	GV5-9	--	--	0.0	19.2	6.6	74

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 5 - Sep 11, 2011						Week of:	Sep 12 - Sep 18, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	15.6	0.3	23	61	EW-1	-0.60	--	14.8	1.0	24	60
EW-2	--	--	0.0	3.7	15	81	EW-2	-0.40	--	0.0	5.4	15	80
EW-3	--	--	18.2	0.8	20	61	EW-3	-0.20	--	17.4	1.1	21	61
EW-4	--	--	20.0	0.0	21	59	EW-4	--	--	18.5	0.5	22	59
EW-5	--	--	24.8	0.0	23	52	EW-5	--	--	37.0	0.0	27	36
EW-6	--	--	28.2	0.0	24	48	EW-6	--	--	24.1	2.2	21	53
EW-7	--	--	26.2	0.0	24	50	EW-7	--	--	28.8	0.0	24	47
EW-8	--	--	27.8	0.0	24	48	EW-8	--	--	35.7	0.0	27	37
EW-9	--	--	38.1	0.0	26	36	EW-9	--	--	39.4	0.0	28	33
EW-10	--	--	0.6	5.1	10	84	EW-10	-0.30	--	0.6	5.3	11	83
EW-11	--	--	0.2	19.0	0.9	80	EW-11	-0.60	--	0.2	19.4	0.9	80
EW-12	--	--	0.1	15.7	3.7	81	EW-12	-0.40	--	0.1	16.0	3.4	81
SW1	--	--	36.1	0.0	29	35	SW1	--	--	36.4	0.0	29	35
SW2	--	--	35.9	0.0	28	36	SW2	--	--	34.5	0.0	28	38
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	24.0	0.4	24	52	NW1	--	--	8.6	1.1	21	69
NW2	--	--	37.9	0.0	28	34	NW2	--	--	38.6	0.0	29	32
NW3	--	--	42.5	0.0	31	27	NW3	--	--	42.0	0.0	31	27
NW4	--	--	22.4	0.0	23	55	NW4	--	--	16.2	0.4	20	63
NW5	--	--	43.4	0.2	29	27	NW5	--	--	36.4	2.9	26	35
NW6	--	--	43.3	0.3	28	28	NW6	--	--	45.0	1.5	30	24
NW7	--	--	58.7	0.0	33	8	NW7	--	--	61.2	0.0	34	5
NW8	--	--	17.1	4.6	19	59	NW8	--	--	11.7	3.7	17	68
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.80	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 9/26/2011

Subject: LFG Monitoring Summary - Week of 09/19/11 - 09/25/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 ON and 1200 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed September 22, 2011 with temps of 62°F to 72°F and mostly cloudy conditions.
Vacuum readings were last taken on September 16, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
9/19/2011	6:00	9:30	9:30@	10:00	--	--	--	--	4.0
9/20/2011	--	--	6:00	10:00	--	--	--	--	4.0
9/21/2011	--	--	6:00	8:00#	--	--	--	--	2.0
9/22/2011	--	--	6:00*	10:00	--	--	--	--	4.0
9/23/2011	--	--	6:00	10:00	--	--	--	--	4.0
9/24/2011	--	--	6:00	10:00	--	--	--	--	4.0
9/25/2011	--	--	6:00	10:00	--	--	--	--	4.0
								Total Hrs. =	26.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
9/19/2011	--	--	--	--	--
9/20/2011	--	--	--	--	--
9/21/2011	--	--	--	--	--
9/22/2011	GV, S&EW	10:00A - 1:30P	--	30.09 - 30.11	R
9/23/2011	CPs & TGP/GP	9:00A - 1:00P	0.0	30.04 - 30.05	S
9/24/2011	--	--	--	--	--
9/25/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	19-Sep		20-Sep		21-Sep		22-Sep		23-Sep		24-Sep		25-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	12.3	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	19-Sep		20-Sep		21-Sep		22-Sep		23-Sep		24-Sep		25-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	14.0	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	11.1	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	12.4	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.5	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 12 - Sep 18, 2011						Week of:	Sep 19 - Sep 25, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.60	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	60	10.5	0.0	21	69	GV1-1	--	78	9.5	0.2	10	80
GV1-2	--	50	35.3	0.2	27	38	GV1-2	--	52	33.5	0.4	34	32
GV1-3	--	52	35.1	0.0	28	37	GV1-3	--	64	33.9	0.0	34	32
GV1-4	--	58	34.0	0.0	28	38	GV1-4	--	70	32.6	0.0	33	34
GV1-5	--	56	25.3	0.0	26	49	GV1-5	--	70	25.8	0.0	26	48
GV1-6	--	60	20.9	0.0	25	54	GV1-6	--	70	23.0	0.0	23	54
GV1-7	--	50	14.7	2.4	20	63	GV1-7	--	70	12.8	0.0	13	74
GV1-8	--	50	10.1	5.6	18	68	GV1-8	--	70	9.3	3.0	9.3	78
GV1-9	--	50	20.2	0.0	25	55	GV1-9	--	64	18.5	0.0	19	63
GV1-10X	--	52	17.0	0.1	23	60	**GV1-10X**	--	72	10.7	0.0	11	78
GV1-11	--	50	5.7	12.5	8.1	74	GV1-11	--	70	3.4	14.7	3.4	79
GV1-12	--	80	23.4	0.2	25	51	GV1-12	--	76	21.2	0.1	21	58
GV1-13	--	50	18.3	0.0	24	58	GV1-13	--	64	12.1	0.0	12	76
LEG 1b	-0.80	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	11.8	8.3	79	GV1b-1	--	--	0.6	12.0	7.5	80
GV1b-2	--	60	7.2	1.8	19	72	GV1b-2	--	72	7.7	3.8	16	73
GV1b-3	--	48	1.9	12.0	8.2	78	GV1b-3	--	62	2.0	11.7	8.0	78
GV1b-4	--	60	0.1	11.6	9.1	79	GV1b-4	--	70	0.4	11.9	8.1	80
GV1b-5	--	52	0.5	8.9	11	80	GV1b-5	--	70	0.7	0.6	18	81
LEG 2	-0.10	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	80	1.9	15.3	6.2	77	GV2-1	--	80	2.0	14.8	5.8	77
GV2-2	--	80	0.1	12.3	7.9	80	GV2-2	--	80	0.1	11.2	8.1	81
GV2-3	--	80	1.2	5.5	13	80	GV2-3	--	80	3.3	4.4	13	79
GV2-4	--	80	6.9	4.4	15	74	GV2-4	--	86	8.1	3.0	15	74
LEG 3	-0.20	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	53.7	0.9	29	16	GV3-1	--	--	51.7	0.0	27	21
GV3-2	--	--	35.6	0.0	25	39	GV3-2	--	--	36.3	0.0	24	40
GV3-3	--	--	0.0	18.2	1.4	80	GV3-3	--	--	0.0	18.1	1.5	80
GV3-4	--	60	1.0	10.7	10	78	GV3-4	--	70	0.9	10.7	8.2	80
GV3-5	--	--	4.9	4.9	15	75	GV3-5	--	--	5.5	4.8	13	77
GV3-6	--	--	2.6	0.9	16	81	GV3-6	--	--	2.6	0.5	15	82
GV3-7	--	--	1.4	1.2	15	82	GV3-7	--	--	2.1	1.2	14	83
GV3-8	--	--	1.9	0.5	15	83	GV3-8	--	--	4.2	0.6	14	81
GV3-9	--	--	8.7	3.9	13	76	GV3-9	--	--	8.5	3.8	12	76
GV3-10 X	--	--	0.0	2.2	15	83	**GV3-10 X**	--	--	2.1	1.1	14	83
GV3-11	--	--	0.0	2.8	16	81	GV3-11	--	--	0.9	1.3	16	82
GV3-12	--	--	0.0	4.1	14	82	GV3-12	--	--	4.0	2.8	14	79
GV3-13	--	--	0.0	5.5	13	82	GV3-13	--	--	0.4	6.2	11	82
GV3-14	--	--	31.3	1.8	22	45	GV3-14	--	--	24.9	1.0	19	55
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.30	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	70	0.5	10.6	10	79	GV4-C	--	70	0.6	8.8	9.2	81
GV4-B	--	--	2.3	4.7	11	82	GV4-B	--	--	0.7	3.8	13	83
GV4-A	--	--	0.1	10.5	10	79	GV4-A	--	--	0.1	8.0	11	81
GV4-1	--	--	12.8	3.2	19	65	GV4-1	--	--	12.9	2.7	17	67
GV4-2	--	--	25.5	0.3	25	49	GV4-2	--	--	22.2	0.6	22	55
GV4-3	--	--	1.4	10.3	8.9	79	GV4-3	--	--	1.7	9.6	8.8	80
GV4-4 X	--	--	0.0	19.7	0.5	80	**GV4-4 X**	--	--	0.0	18.4	0.7	81
GV4-5	--	--	12.0	7.9	14	66	GV4-5	--	--	11.9	5.3	14	69
GV4-6	--	--	2.0	11.0	9.2	78	GV4-6	--	--	2.4	11.0	7.8	79
GV4-7	--	--	22.3	2.6	22	53	GV4-7	--	--	20.6	3.7	18	58
LEG 5	-0.50	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	0.0	19.1	0.2	81	GV5-1	--	78	0.1	19.5	0.2	80
GV5-2	--	--	0.0	20.5	0.0	80	GV5-2	--	--	2.1	18.6	1.6	78
GV5-3	--	--	0.0	20.6	11	68	GV5-3	--	--	32.6	0.0	25	42
GV6-4	--	--	0.0	19.9	2.6	78	GV5-4	--	--	4.5	16.7	3.9	75
GV5-5	--	--	0.0	16.4	0.5	83	GV5-5	--	--	9.2	13.4	8.3	69
GV5-6	--	--	0.0	18.8	6.1	75	GV5-6	--	--	14.3	11.0	11	64
GV5-7	--	--	0.0	12.9	0.6	87	GV5-7	--	--	14.0	11.5	11	64
GV5-8	--	--	0.0	16.5	5.7	78	GV5-8	--	--	0.0	16.9	2.5	81
GV5-9	--	--	0.0	19.2	6.6	74	GV5-9	--	--	0.0	18.1	1.6	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 12 - Sep 18, 2011						Week of:	Sep 19 - Sep 25, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.60	–	14.8	1.0	24	60	EW-1	–	–	15.3	0.4	23	61
EW-2	-0.40	–	0.0	5.4	15	80	EW-2	–	–	0.0	5.4	14	81
EW-3	-0.20	–	17.4	1.1	21	61	EW-3	–	–	18.3	1.8	19	61
EW-4	–	–	18.5	0.5	22	59	EW-4	–	–	23.8	0.0	22	54
EW-5	–	–	37.0	0.0	27	36	EW-5	–	–	35.8	0.0	26	38
EW-6	–	–	24.1	2.2	21	53	EW-6	–	–	32.7	0.0	26	41
EW-7	–	–	28.6	0.0	24	47	EW-7	–	–	28.6	0.0	28	43
EW-8	–	–	35.7	0.0	27	37	EW-8	–	–	37.6	0.0	27	35
EW-9	–	–	39.4	0.0	28	33	EW-9	–	–	40.2	0.0	27	33
EW-10	-0.30	–	0.6	5.3	11	83	EW-10	–	–	4.5	5.8	11	79
EW-11	-0.60	–	0.2	19.4	0.9	80	EW-11	–	–	0.9	18.8	0.8	80
EW-12	-0.40	–	0.1	16.0	3.4	81	EW-12	–	–	0.3	16.1	3.1	81
SW1	–	–	38.4	0.0	29	35	SW1	–	–	31.4	0.2	24	44
SW2	–	–	34.5	0.0	28	38	SW2	–	–	32.3	0.1	24	44
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	8.6	1.1	21	69	NW1	–	–	32.6	0.0	28	39
NW2	–	–	38.6	0.0	29	32	NW2	–	–	31.2	2.7	23	43
NW3	–	–	42.0	0.0	31	27	NW3	–	–	42.3	0.0	30	28
NW4	–	–	16.2	0.4	20	63	NW4	–	–	23.3	0.0	24	53
NW5	–	–	36.4	2.9	26	35	NW5	–	–	27.9	7.8	19	45
NW6	–	–	45.0	1.5	30	24	NW6	–	–	20.5	9.6	16	54
NW7	–	–	61.2	0.0	34	5	NW7	–	–	58.9	0.0	34	7
NW8	–	–	11.7	3.7	17	68	NW8	–	–	13.5	0.0	21	66
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.80	–	–	–	–	FLARE 90	–	2.80	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

November 9, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #201 – October 2011
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for October 2011.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #201 – October 2011
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- The site fence was inspected during the reporting period and any necessary repairs were addressed; and,
- The fourth quarter combustible gas indicator checks were successfully performed on October 18, 2011.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of October 2011 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (November 2011)

- Develop Monthly Progress Report #201 summarizing activities in October 2011; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (November 2011)

- November 10 - Anticipated submittal of the October 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	10/07	U.S. EPA.	Monthly Progress Report for the Month of September 2011.

PAPER

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 10/14/2011

Subject: LFG Monitoring Summary - Week of 09/26/11 - 10/02/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 to 300 mins. ON and 1140 to 1200 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed September 29, 2011 with temps of 53°F to 67°F and partly cloudy conditions.
Vacuum readings were last taken on September 16, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
9/26/2011	--	--	5:30@	10:30	--	--	--	--	5.0
9/27/2011	--	--	5:30	9:30	--	--	--	--	4.0
9/28/2011	--	--	5:30	*9:30	--	--	--	--	4.0
9/29/2011	--	--	5:30	9:30	--	--	--	--	4.0
9/30/2011	--	--	5:30	9:30	--	--	--	--	4.0
10/1/2011	--	--	4:30@	9:30	--	--	--	--	5.0
10/2/2011	--	--	4:30	9:30	--	--	--	--	5.0
								Total Hrs. =	31.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
9/26/2011	--	--	--	--	--
9/27/2011	--	--	--	--	--
9/28/2011	--	--	--	--	--
9/29/2011	GV, S&EW, TGPs	9:00A - 1:00P	0.0	29.84 - 29.81	F
9/30/2011	CPs & TGP/GP	9:00A - 1:00P	0.0	29.74 - 29.83	R
10/1/2011	--	--	--	--	--
10/2/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUALS OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	26-Sep		27-Sep		28-Sep		29-Sep		30-Sep		1-Oct		2-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	11.9	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	14.5	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	26-Sep		27-Sep		28-Sep		29-Sep		30-Sep		1-Oct		2-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	12.6	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 19 - Sep 25, 2011						Week of:	Sep 26 - Oct 02, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	78	9.5	0.2	10	80	GV1-1	–	52	14.6	0.0	22	63
GV1-2	–	52	33.5	0.4	34	32	GV1-2	–	54	31.2	0.7	28	42
GV1-3	–	64	33.9	0.0	34	32	GV1-3	–	54	34.4	0.0	28	38
GV1-4	–	70	32.6	0.0	33	34	GV1-4	–	58	38.2	0.0	27	35
GV1-5	–	70	25.8	0.0	26	48	GV1-5	–	60	32.2	0.0	26	42
GV1-6	–	70	23.0	0.0	23	54	GV1-6	–	60	24.6	0.0	25	50
GV1-7	–	70	12.8	0.0	13	74	GV1-7	–	56	14.1	0.0	22	64
GV1-8	–	70	9.3	3.0	9.3	78	GV1-8	–	58	16.9	0.0	23	60
GV1-9	–	64	18.5	0.0	19	63	GV1-9	–	56	20.6	0.0	24	55
GV1-10X	–	72	10.7	0.0	11	78	**GV1-10X**	–	58	14.1	0.0	22	64
GV1-11	–	70	3.4	14.7	3.4	79	GV1-11	–	56	3.1	15.1	4.2	78
GV1-12	–	76	21.2	0.1	21	58	GV1-12	–	62	28.2	0.0	24	48
GV1-13	–	64	12.1	0.0	12	76	GV1-13	–	58	15.5	0.0	21	64
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.6	12.0	7.5	80	GV1b-1	–	–	0.8	14.4	4.2	81
GV1b-2	–	72	7.7	3.8	16	73	GV1b-2	–	60	22.1	0.9	22	55
GV1b-3	–	62	2.0	11.7	8.0	78	GV1b-3	–	54	5.4	13.7	6.5	74
GV1b-4	–	70	0.4	11.9	8.1	80	GV1b-4	–	58	1.8	11.7	8.8	78
GV1b-5	–	70	0.7	0.6	18	81	GV1b-5	–	58	1.2	4.5	13	81
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	80	2.0	14.8	5.8	77	GV2-1	–	62	8.5	5.0	16.0	71
GV2-2	–	80	0.1	11.2	8.1	81	GV2-2	–	64	21.9	0.2	22.0	56
GV2-3	–	80	3.3	4.4	13	79	GV2-3	–	70	35.8	0.0	24	40
GV2-4	–	86	8.1	3.0	15	74	GV2-4	–	80	16.1	0.7	18	65
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	51.7	0.0	27	21	GV3-1	–	–	60.2	0.7	30	9
GV3-2	–	–	36.3	0.0	24	40	GV3-2	–	–	45.9	0.8	25	28
GV3-3	–	–	0.0	18.1	1.5	80	GV3-3	–	–	0.2	16.4	6.5	77
GV3-4	–	70	0.9	10.7	8.2	80	GV3-4	–	62	3.8	5.2	13	78
GV3-5	–	–	5.5	4.8	13	77	GV3-5	–	–	10.4	1.9	18	70
GV3-6	–	–	2.6	0.5	15	82	GV3-6	–	–	8.2	0.3	17	75
GV3-7	–	–	2.1	1.2	14	83	GV3-7	–	–	6.0	1.6	14	78
GV3-8	–	–	4.2	0.6	14	81	GV3-8	–	–	8.2	0.0	15	77
GV3-9	–	–	8.5	3.8	12	76	GV3-9	–	–	14.7	3.2	14	68
GV3-10 X	–	–	2.1	1.1	14	83	**GV3-10 X**	–	–	5.2	0.4	16	78
GV3-11	–	–	0.9	1.3	16	82	GV3-11	–	–	7.0	0.3	18	75
GV3-12	–	–	4.0	2.8	14	79	GV3-12	–	–	15.7	0.0	20	64
GV3-13	–	–	0.4	6.2	11	82	GV3-13	–	–	15.4	3.5	17	64
GV3-14	–	–	24.9	1.0	19	55	GV3-14	–	–	29.9	0.7	22	47
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	70	0.6	8.8	9.2	81	GV4-C	–	64	1.2	8.9	10	79
GV4-B	–	–	0.7	3.8	13	83	GV4-B	–	–	1.6	2.5	16	80
GV4-A	–	–	0.1	8.0	11	81	GV4-A	–	–	0.8	8.9	9.2	81
GV4-1	–	–	12.9	2.7	17	67	GV4-1	–	–	18.5	1.9	18	63
GV4-2	–	–	22.2	0.8	22	55	GV4-2	–	–	23.9	2.6	21	53
GV4-3	–	–	1.7	9.6	8.8	80	GV4-3	–	–	2.9	8.1	11	78
GV4-4 X	–	–	0.0	18.4	0.7	81	**GV4-4 X**	–	–	0.0	17.1	2.1	81
GV4-5	–	–	11.9	5.3	14	69	GV4-5	–	–	28.3	0.8	24	47
GV4-6	–	–	2.4	11.0	7.8	79	GV4-6	–	–	7.1	7.0	12	74
GV4-7	–	–	20.6	3.7	18	58	GV4-7	–	–	32.4	0.0	26	42
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	78	0.1	19.5	0.2	80	GV5-1	–	68	42.9	0.9	26	30
GV5-2	–	–	2.1	18.6	1.6	78	GV5-2	–	–	43.3	0.7	26	30
GV5-3	–	–	32.6	0.0	25	42	GV5-3	–	–	47.1	0.0	31	22
GV5-4	–	–	4.5	16.7	3.9	75	GV5-4	–	–	49.1	0.0	26	25
GV5-5	–	–	9.2	13.4	8.3	69	GV5-5	–	–	46.1	0.2	28	26
GV5-6	–	–	14.3	11.0	11	64	GV5-6	–	–	48.7	0.0	30	21
GV5-7	–	–	14.0	11.5	11	64	GV5-7	–	–	44.0	0.0	28	28
GV5-8	–	–	0.0	16.9	2.5	81	GV5-8	–	–	15.1	0.0	20	65
GV5-9	–	–	0.0	18.1	1.6	80	GV5-9	–	–	17.0	0.0	21	62

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 19 - Sep 25, 2011						Week of:	Sep 26 - Oct 02, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	15.3	0.4	23	61	EW-1	--	--	19.2	0.0	24	57
EW-2	--	--	0.0	5.4	14	81	EW-2	--	--	0.0	5.8	13	81
EW-3	--	--	18.3	1.6	19	61	EW-3	--	--	22.7	2.0	20	55
EW-4	--	--	23.8	0.0	22	54	EW-4	--	--	21.4	0.0	23	56
EW-5	--	--	35.8	0.0	26	38	EW-5	--	--	26.6	0.0	24	49
EW-6	--	--	32.7	0.0	26	41	EW-6	--	--	30.2	0.0	25	45
EW-7	--	--	28.6	0.0	28	43	EW-7	--	--	28.2	0.0	26	46
EW-8	--	--	37.6	0.0	27	35	EW-8	--	--	19.1	0.0	25	56
EW-9	--	--	40.2	0.0	27	33	EW-9	--	--	40.2	0.0	28	32
EW-10	--	--	4.5	5.8	11	79	EW-10	--	--	1.1	2.3	11	86
EW-11	--	--	0.9	18.8	0.8	80	EW-11	--	--	0.6	19.2	1.1	79
EW-12	--	--	0.3	16.1	3.1	81	EW-12	--	--	1.8	14.2	4.7	79
SW1	--	--	31.4	0.2	24	44	SW1	--	--	40.6	0.0	29	31
SW2	--	--	32.3	0.1	24	44	SW2	--	--	39.8	0.0	27	33
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	32.6	0.0	28	39	NW1	--	--	15.3	0.0	23	62
NW2	--	--	31.2	2.7	23	43	NW2	--	--	47.9	0.0	30	22
NW3	--	--	42.3	0.0	30	28	NW3	--	--	48.4	0.0	33	19
NW4	--	--	23.3	0.0	24	53	NW4	--	--	29.6	0.0	22	48
NW5	--	--	27.9	7.8	19	45	NW5	--	--	16.0	0.0	23	61
NW6	--	--	20.5	9.6	16	54	NW6	--	--	21.4	10.8	15	53
NW7	--	--	58.9	0.0	34	7	NW7	--	--	63.2	0.0	35	2
NW8	--	--	13.5	0.0	21	66	NW8	--	--	23.8	0.2	24	52
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.80	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 10/17/2011

Subject: LFG Monitoring Summary - Week of 10/03/11 - 10/09/11

Summary: All CPs remained in compliance this week.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 ON and 1140 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed October 7, 2011 with temps of 52°F to 73°F and clear conditions.
Vacuum readings were last taken on September 16, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/3/2011	--	--	4:30	9:30	--	--	--	--	5.0
10/4/2011	--	--	4:00*	9:00	--	--	--	--	5.0
10/5/2011	--	--	4:00	9:00	--	--	--	--	5.0
10/6/2011	--	--	4:00@	9:00	--	--	--	--	5.0
10/7/2011	--	--	4:00	9:00	--	--	--	--	5.0
10/8/2011	--	--	4:00	9:00	--	--	--	--	5.0
10/9/2011	--	--	4:00*	9:00	--	--	--	--	5.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 70 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/3/2011	--	--	--	--	--
10/4/2011	--	--	--	--	--
10/5/2011	--	--	--	--	--
10/6/2011	--	--	--	--	--
10/7/2011	GV, S&EW, CPs & TGP/GP	9:00A - 4:00P	0.0	30.40 - 30.34	F
10/8/2011	--	--	--	--	--
10/9/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	3-Oct		4-Oct		5-Oct		6-Oct		7-Oct		8-Oct		9-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	13.5	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	3-Oct		4-Oct		5-Oct		6-Oct		7-Oct		8-Oct		9-Oct	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
TGP-76	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	12.9	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	13.4	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 26 - Oct 02, 2011						Week of:	Oct 03 - Oct 09, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	52	14.6	0.0	22	63	GV1-1	--	48	9.8	0.2	20	70
GV1-2	--	54	31.2	0.7	26	42	GV1-2	--	50	28.0	0.2	23	49
GV1-3	--	54	34.4	0.0	28	38	GV1-3	--	50	31.5	0.0	27	42
GV1-4	--	58	38.2	0.0	27	35	GV1-4	--	52	32.5	0.0	26	42
GV1-5	--	60	32.2	0.0	26	42	GV1-5	--	58	26.4	0.0	25	49
GV1-6	--	60	24.6	0.0	25	50	GV1-6	--	58	16.2	0.6	24	57
GV1-7	--	58	14.1	0.0	22	64	GV1-7	--	60	8.6	0.2	20	71
GV1-8	--	58	16.9	0.0	23	60	GV1-8	--	58	11.1	2.3	18	69
GV1-9	--	56	20.6	0.0	24	55	GV1-9	--	58	18.3	0.0	23	59
GV1-10X	--	58	14.1	0.0	22	64	**GV1-10X**	--	60	18.5	0.0	22	60
GV1-11	--	56	3.1	15.1	4.2	78	GV1-11	--	58	7.5	11.5	8.5	73
GV1-12	--	62	28.2	0.0	24	48	GV1-12	--	58	29.1	0.0	25	46
GV1-13	--	58	15.5	0.0	21	64	GV1-13	--	54	13.5	0.0	18	69
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.8	14.4	4.2	81	GV1b-1	--	--	0.9	13.8	4.8	81
GV1b-2	--	60	22.1	0.9	22	55	GV1b-2	--	58	16.6	3.2	19	61
GV1b-3	--	54	5.4	13.7	6.5	74	GV1b-3	--	54	0.5	18.7	2.2	81
GV1b-4	--	58	1.8	11.7	8.6	78	GV1b-4	--	60	2.3	12.5	8.1	77
GV1b-5	--	58	1.2	4.5	13	81	GV1b-5	--	58	1.2	5.6	12	81
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	62	8.5	5.0	16.0	71	GV2-1	--	68	3.8	11.4	9.4	75
GV2-2	--	64	21.9	0.2	22.0	56	GV2-2	--	70	0.5	5.2	13	81
GV2-3	--	70	35.6	0.0	24	40	GV2-3	--	76	5.4	2.1	17	76
GV2-4	--	80	16.1	0.7	18	65	GV2-4	--	86	11.2	1.1	18	70
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	60.2	0.7	30	9	GV3-1	--	--	58.1	0.0	29	15
GV3-2	--	--	45.9	0.8	25	28	GV3-2	--	--	48.2	0.0	26	26
GV3-3	--	--	0.2	16.4	6.5	77	GV3-3	--	--	0.0	18.5	1.6	80
GV3-4	--	62	3.8	5.2	13	78	GV3-4	--	62	1.2	10.4	7.9	81
GV3-5	--	--	10.4	1.9	18	70	GV3-5	--	--	9.4	11.8	14	65
GV3-6	--	--	8.2	0.3	17	75	GV3-6	--	--	7.0	0.3	15	78
GV3-7	--	--	6.0	1.6	14	78	GV3-7	--	--	6.6	1.1	14	78
GV3-8	--	--	8.2	0.0	15	77	GV3-8	--	--	5.5	0.4	15	79
GV3-9	--	--	14.7	3.2	14	68	GV3-9	--	--	11.2	3.7	13	72
GV3-10 X	--	--	5.2	0.4	16	78	**GV3-10 X**	--	--	3.4	0.7	15	81
GV3-11	--	--	7.0	0.3	18	75	GV3-11	--	--	6.9	0.0	17	76
GV3-12	--	--	15.7	0.0	20	64	GV3-12	--	--	9.8	0.0	17	73
GV3-13	--	--	15.4	3.5	17	64	GV3-13	--	--	15.8	1.1	17	66
GV3-14	--	--	29.9	0.7	22	47	GV3-14	--	--	31.1	0.2	22	47
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	64	1.2	9.9	10	79	GV4-C	--	64	0.9	8.9	8.7	82
GV4-B	--	--	1.6	2.5	16	80	GV4-B	--	--	1.2	2.1	14	83
GV4-A	--	--	0.8	8.9	9.2	81	GV4-A	--	--	0.2	9.8	7.8	82
GV4-1	--	--	16.5	1.9	19	63	GV4-1	--	--	12.7	2.8	17	68
GV4-2	--	--	23.9	2.6	21	53	GV4-2	--	--	24.8	2.2	21	52
GV4-3	--	--	2.9	8.1	11	78	GV4-3	--	--	2.3	8.8	10	79
GV4-4 X	--	--	0.0	17.1	2.1	81	**GV4-4 X**	--	--	0.0	19.0	0.6	80
GV4-5	--	--	28.3	0.6	24	47	GV4-5	--	--	22.3	1.6	21	55
GV4-6	--	--	7.1	7.0	12	74	GV4-6	--	--	3.0	8.8	10	78
GV4-7	--	--	32.4	0.0	26	42	GV4-7	--	--	23.1	0.6	23	53
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	68	42.9	0.9	26	30	GV5-1	--	68	39.1	0.0	27	34
GV5-2	--	--	43.3	0.7	26	30	GV5-2	--	--	38.7	0.0	26	35
GV5-3	--	--	47.1	0.0	31	22	GV5-3	--	--	40.7	0.0	27	32
GV5-4	--	--	49.1	0.0	26	25	GV5-4	--	--	37.8	0.0	27	35
GV5-5	--	--	46.1	0.2	26	26	GV5-5	--	--	33.7	0.0	27	39
GV5-6	--	--	48.7	0.0	30	21	GV5-6	--	--	42.0	0.0	28	30
GV5-7	--	--	44.0	0.0	28	28	GV5-7	--	--	36.9	0.0	26	37
GV5-8	--	--	15.1	0.0	20	65	GV5-8	--	--	14.8	5.3	14	66
GV5-9	--	--	17.0	0.0	21	62	GV5-9	--	--	5.9	13.6	6.0	75

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 26 - Oct 02, 2011						Week of:	Oct 03 - Oct 09, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	19.2	0.0	24	57	EW-1	--	--	18.7	2.6	23	56
EW-2	--	--	0.0	5.8	13	81	EW-2	--	--	0.0	8.6	12	79
EW-3	--	--	22.7	2.0	20	55	EW-3	--	--	10.4	5.8	15	69
EW-4	--	--	21.4	0.0	23	56	EW-4	--	--	17.3	0.0	21	62
EW-5	--	--	26.8	0.0	24	49	EW-5	--	--	24.1	0.0	20	56
EW-6	--	--	30.2	0.0	25	45	EW-6	--	--	28.9	0.0	24	47
EW-7	--	--	28.2	0.0	26	46	EW-7	--	--	27.7	0.0	23	49
EW-8	--	--	19.1	0.0	25	56	EW-8	--	--	29.6	0.0	24	46
EW-9	--	--	40.2	0.0	28	32	EW-9	--	--	38.3	0.0	26	36
EW-10	--	--	1.1	2.3	11	86	EW-10	--	--	0.9	3.9	10	85
EW-11	--	--	0.6	19.2	1.1	79	EW-11	--	--	0.3	19.1	0.9	80
EW-12	--	--	1.8	14.2	4.7	79	EW-12	--	--	2.7	15.7	4.0	78
SW1	--	--	40.5	0.0	29	31	SW1	--	--	37.3	0.0	28	35
SW2	--	--	39.8	0.0	27	33	SW2	--	--	37.9	0.0	25	37
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	15.3	0.0	23	62	NW1	--	--	27.0	1.0	24	48
NW2	--	--	47.9	0.0	30	22	NW2	--	--	47.3	0.0	31	22
NW3	--	--	48.4	0.0	33	19	NW3	--	--	50.3	0.0	32	18
NW4	--	--	29.6	0.0	22	48	NW4	--	--	23.1	2.2	20	55
NW5	--	--	16.0	0.0	23	61	NW5	--	--	20.9	11.8	14	54
NW6	--	--	21.4	10.8	15	53	NW6	--	--	20.8	12.2	14	53
NW7	--	--	63.2	0.0	35	2	NW7	--	--	66.1	0.0	35	0
NW8	--	--	23.8	0.2	24	52	NW8	--	--	27.1	3.9	22	47
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 10/27/2011

Subject: LFG Monitoring Summary - Week of 10/10/11 - 10/16/11

Summary: All CPs remained in compliance this week.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 ON and 1080 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed October 13, 2011 with temps of 56°F to 64°F and overcast/drizzle conditions.
Vacuum readings were last taken on September 16, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/10/2011	--	--	4:00	@10:00	--	--	--	--	6.0
10/11/2011	--	--	4:00	10:00	--	--	--	--	6.0
10/12/2011	--	--	4:00	10:00	--	--	--	--	6.0
10/13/2011	--	--	4:00	10:00	--	--	--	--	6.0
10/14/2011	--	--	4:00	10:00	--	--	--	--	6.0
10/15/2011	--	--	4:00*	10:00	--	--	--	--	6.0
10/16/2011	--	--	4:00	10:00	--	--	--	--	6.0
								Total Hrs. =	42.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/10/2011	--	--	--	--	--
10/11/2011	--	--	--	--	--
10/12/2011	--	--	--	--	--
10/13/2011	GV, S&EW, CPs & TGP/GP	9:00A - 4:00P	0.0	29.66 - 29.52	F
10/14/2011	--	--	--	--	--
10/15/2011	--	--	--	--	--
10/16/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Oct		11-Oct		12-Oct		13-Oct		14-Oct		15-Oct		16-Oct	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	14.2	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	11.8	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	13.2	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	14.6	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	15.2	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Oct		11-Oct		12-Oct		13-Oct		14-Oct		15-Oct		16-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	12.1	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	13.2	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	14.2	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	14.9	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	15.2	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 03 - Oct 09, 2011						Week of:	Oct 10 - Oct 16, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	48	9.8	0.2	20	70	GV1-1	–	52	9.9	0.0	20	70
GV1-2	–	50	28.0	0.2	23	49	GV1-2	–	56	30.1	1.1	25	44
GV1-3	–	50	31.5	0.0	27	42	GV1-3	–	58	30.9	0.0	27	42
GV1-4	–	52	32.5	0.0	26	42	GV1-4	–	60	34.1	0.0	27	39
GV1-5	–	58	26.4	0.0	25	49	GV1-5	–	60	28.9	0.0	26	45
GV1-6	–	58	16.2	0.6	24	57	GV1-6	–	62	23.9	0.0	25	51
GV1-7	–	60	8.6	0.2	20	71	GV1-7	–	60	14.1	0.7	21	64
GV1-8	–	56	11.1	2.3	18	69	GV1-8	–	58	14.2	1.8	19	65
GV1-9	–	58	18.3	0.0	23	59	GV1-9	–	56	21.2	0.0	24	55
GV1-10X	–	60	18.5	0.0	22	60	**GV1-10X**	–	60	25.1	0.0	24	51
GV1-11	–	58	7.5	11.5	8.5	73	GV1-11	–	60	9.9	10.6	11.0	69
GV1-12	–	58	29.1	0.0	25	46	GV1-12	–	62	28.7	0.2	25	46
GV1-13	–	54	13.5	0.0	18	69	GV1-13	–	58	13.8	0.0	19	67
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.9	13.8	4.8	81	GV1b-1	–	–	0.9	13.7	5.2	80
GV1b-2	–	58	16.6	3.2	19	61	GV1b-2	–	60	0.1	2.7	15	82
GV1b-3	–	54	0.6	16.7	2.2	81	GV1b-3	–	62	3.0	14.7	5.1	77
GV1b-4	–	60	2.3	12.5	8.1	77	GV1b-4	–	60	1.9	12.4	8.2	78
GV1b-5	–	58	1.2	5.6	12	81	GV1b-5	–	60	0.8	5.3	12	82
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	68	3.8	11.4	9.4	75	GV2-1	–	68	5.0	10.0	11	74
GV2-2	–	70	0.5	5.2	13	81	GV2-2	–	70	1.3	3.6	15	80
GV2-3	–	76	5.4	2.1	17	76	GV2-3	–	76	24.8	0.3	21	54
GV2-4	–	86	11.2	1.1	18	70	GV2-4	–	82	13.8	0.0	19	67
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	56.1	0.0	29	15	GV3-1	–	–	0.0	17.2	2.9	80
GV3-2	–	–	48.2	0.0	26	26	GV3-2	–	–	57.0	0.7	28	14
GV3-3	–	–	0.0	16.5	1.6	80	GV3-3	–	–	48.2	0.3	26	26
GV3-4	–	62	1.2	10.4	7.9	81	GV3-4	–	62	3.7	9.0	10	77
GV3-5	–	–	9.4	11.8	14	65	GV3-5	–	–	10.5	2.7	16	71
GV3-6	–	–	7.0	0.3	15	78	GV3-6	–	–	7.0	0.1	15	78
GV3-7	–	–	6.6	1.1	14	78	GV3-7	–	–	5.1	1.1	14	80
GV3-8	–	–	5.5	0.4	15	79	GV3-8	–	–	6.8	0.0	15	78
GV3-9	–	–	11.2	3.7	13	72	GV3-9	–	–	12.5	3.3	13	71
GV3-10 X	–	–	3.4	0.7	15	81	**GV3-10 X**	–	–	2.9	0.7	15	81
GV3-11	–	–	6.9	0.0	17	76	GV3-11	–	–	11.8	0.0	17	71
GV3-12	–	–	9.8	0.0	17	73	GV3-12	–	–	15.4	0.0	19	66
GV3-13	–	–	15.8	1.1	17	66	GV3-13	–	–	14.1	0.8	16	69
GV3-14	–	–	31.1	0.2	22	47	GV3-14	–	–	30.0	0.9	21	48
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	84	0.9	8.9	8.7	82	GV4-C	–	64	0.9	8.4	9.4	81
GV4-B	–	–	1.2	2.1	14	83	GV4-B	–	–	1.3	1.4	15	82
GV4-A	–	–	0.2	9.8	7.8	82	GV4-A	–	–	0.4	10.4	8.2	81
GV4-1	–	–	12.7	2.8	17	68	GV4-1	–	–	14.7	1.7	18	66
GV4-2	–	–	24.8	2.2	21	52	GV4-2	–	–	24.5	1.4	21	53
GV4-3	–	–	2.3	8.8	10	79	GV4-3	–	–	2.5	9.5	10	78
GV4-4 X	–	–	0.0	19.0	0.6	80	**GV4-4 X**	–	–	0.0	19.0	0.9	80
GV4-5	–	–	22.3	1.6	21	55	GV4-5	–	–	24.6	1.6	22	52
GV4-6	–	–	3.0	8.8	10	78	GV4-6	–	–	4.7	8.7	10	77
GV4-7	–	–	23.1	0.6	23	53	GV4-7	–	–	26.5	0.7	24	49
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	68	39.1	0.0	27	34	GV5-1	–	74	47.1	0.0	28	25
GV5-2	–	–	38.7	0.0	26	35	GV5-2	–	–	48.4	0.0	27	25
GV5-3	–	–	40.7	0.0	27	32	GV5-3	–	–	48.1	0.0	28	24
GV5-4	–	–	37.8	0.0	27	35	GV5-4	–	–	37.9	0.0	25	37
GV5-5	–	–	33.7	0.0	27	39	GV5-5	–	–	47.4	0.0	29	24
GV5-6	–	–	42.0	0.0	28	30	GV5-6	–	–	51.3	0.0	29	20
GV5-7	–	–	36.9	0.0	26	37	GV5-7	–	–	50.5	0.0	30	20
GV5-8	–	–	14.8	5.3	14	66	GV5-8	–	–	25.4	0.3	21	53
GV5-9	–	–	5.9	13.8	6.0	75	GV5-9	–	–	26.4	0.0	22	52

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 03 - Oct 09, 2011						Week of:	Oct 10 - Oct 16, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	18.7	2.6	23	56	EW-1	--	--	19.5	0.7	23	57
EW-2	--	--	0.0	8.6	12	79	EW-2	--	--	0.0	8.3	12	80
EW-3	--	--	10.4	5.8	15	69	EW-3	--	--	13.0	5.3	15	67
EW-4	--	--	17.3	0.0	21	62	EW-4	--	--	24.5	0.0	22	54
EW-5	--	--	24.1	0.0	20	56	EW-5	--	--	28.6	0.0	22	49
EW-6	--	--	28.9	0.0	24	47	EW-6	--	--	30.5	0.0	24	46
EW-7	--	--	27.7	0.0	23	49	EW-7	--	--	28.3	0.0	23	49
EW-8	--	--	29.6	0.0	24	46	EW-8	--	--	34.2	0.0	26	40
EW-9	--	--	38.3	0.0	26	36	EW-9	--	--	40.4	0.0	28	32
EW-10	--	--	0.9	3.9	10	85	EW-10	--	--	0.9	3.0	10	86
EW-11	--	--	0.3	19.1	0.9	80	EW-11	--	--	0.3	18.4	0.8	81
EW-12	--	--	2.7	15.7	4.0	78	EW-12	--	--	0.8	14.2	4.2	81
SW1	--	--	37.3	0.0	28	35	SW1	--	--	40.6	0.0	29	30
SW2	--	--	37.9	0.0	25	37	SW2	--	--	39.3	0.0	30	31
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	27.0	1.0	24	48	NW1	--	--	17.8	10.9	14	57
NW2	--	--	47.3	0.0	31	22	NW2	--	--	50.0	0.0	32	18
NW3	--	--	50.3	0.0	32	18	NW3	--	--	50.2	0.0	32	18
NW4	--	--	23.1	2.2	20	55	NW4	--	--	28.5	0.0	25	47
NW5	--	--	20.9	11.6	14	54	NW5	--	--	54.6	0.2	32	13
NW6	--	--	20.8	12.2	14	53	NW6	--	--	49.8	0.0	31	19
NW7	--	--	66.1	0.0	35	0	NW7	--	--	64.8	0.0	34	1
NW8	--	--	27.1	3.9	22	47	NW8	--	--	15.8	1.5	21	62
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 10/28/2011

Subject: LFG Monitoring Summary - Week of 10/17/11 - 10/23/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 360 mins. ON and 1080 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed October 21, 2011 with temps of 43°F to 57°F and scattered clouds.
Vacuum readings were last taken on September 16, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/17/2011	--	--	4:00	@10:00	--	--	--	--	6.0
10/18/2011	--	--	4:00	10:00	--	--	--	--	6.0
10/19/2011	--	--	4:00	10:00	--	--	--	--	6.0
10/20/2011	--	--	4:00	10:00	--	--	--	--	6.0
10/21/2011	4:00#	--	9:00*	10:00	--	--	--	--	1.0
10/22/2011	--	--	4:00	10:00@	--	--	--	--	6.0
10/23/2011	--	--	4:00	10:00	--	--	--	--	6.0
								Total Hrs. =	37.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/17/2011	--	--	--	--	--
10/18/2011	--	--	--	--	--
10/19/2011	--	--	--	--	--
10/20/2011	--	--	--	--	--
10/21/2011	GV, S&EW, CPs & TGP/GP	9:30A - 5:00P	0.0	30.05 - 30.06	S
10/22/2011	--	--	--	--	--
10/23/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	17-Oct		18-Oct		19-Oct		20-Oct		21-Oct		22-Oct		23-Oct	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	13.6	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	13.9	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	17-Oct		18-Oct		19-Oct		20-Oct		21-Oct		22-Oct		23-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	14.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 10 - Oct 16, 2011						Week of:	Oct 17 - Oct 23, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	52	9.9	0.0	20	70	GV1-1	–	48	10.5	0.0	21	69
GV1-2	–	56	30.1	1.1	25	44	GV1-2	–	50	31.8	0.0	26	42
GV1-3	–	58	30.9	0.0	27	42	GV1-3	–	50	24.1	0.0	24	52
GV1-4	–	60	34.1	0.0	27	39	GV1-4	–	52	32.3	0.0	26	42
GV1-5	–	60	28.9	0.0	26	45	GV1-5	–	58	19.1	0.0	22	59
GV1-6	–	62	23.9	0.0	25	51	GV1-6	–	58	14.9	0.4	21	64
GV1-7	–	60	14.1	0.7	21	64	GV1-7	–	60	9.1	6.8	13	71
GV1-8	–	58	14.2	1.8	19	65	GV1-8	–	60	19.1	1.5	21	58
GV1-9	–	56	21.2	0.0	24	55	GV1-9	–	54	21.3	0.0	23	56
GV1-10X	–	60	25.1	0.0	24	51	**GV1-10X**	–	58	20.3	0.0	23	57
GV1-11	–	60	9.9	10.6	11.0	69	GV1-11	–	58	12.9	9.2	12	66
GV1-12	–	62	28.7	0.2	25	46	GV1-12	–	64	25.4	0.0	24	51
GV1-13	–	58	13.6	0.0	19	67	GV1-13	–	52	16.3	0.0	20	64
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	0.9	13.7	5.2	80	GV1b-1	–	–	1.1	12.8	5.6	81
GV1b-2	–	60	0.1	2.7	15	82	GV1b-2	–	58	2.9	8.1	8.8	80
GV1b-3	–	62	3.0	14.7	5.1	77	GV1b-3	–	54	1.0	14.5	5.0	80
GV1b-4	–	60	1.9	12.4	8.2	78	GV1b-4	–	60	3.3	11.2	8.5	77
GV1b-5	–	60	0.8	5.3	12	82	GV1b-5	–	62	1.4	2.3	16	80
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	68	5.0	10.0	11	74	GV2-1	–	62	13.6	3.7	17	66
GV2-2	–	70	1.3	3.6	15	80	GV2-2	–	66	14.9	2.2	18	65
GV2-3	–	76	24.8	0.3	21	54	GV2-3	–	68	19.0	0.7	21	59
GV2-4	–	82	13.6	0.0	19	67	GV2-4	–	76	16.7	1.4	19	63
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	0.0	17.2	2.9	80	GV3-1	–	–	31.6	0.0	25	43
GV3-2	–	–	57.0	0.7	28	14	GV3-2	–	–	56.6	0.0	27	16
GV3-3	–	–	48.2	0.3	26	26	GV3-3	–	–	32.9	3.2	21	43
GV3-4	–	62	3.7	9.0	10	77	GV3-4	–	64	31.4	1.2	23	44
GV3-5	–	–	10.5	2.7	16	71	GV3-5	–	–	26.5	2.7	19	52
GV3-6	–	–	7.0	0.1	15	78	GV3-6	–	–	2.2	1.0	17	80
GV3-7	–	–	5.1	1.1	14	80	GV3-7	–	–	18.4	1.9	20	60
GV3-8	–	–	6.8	0.0	15	78	GV3-8	–	–	6.2	3.0	13	78
GV3-9	–	–	12.5	3.3	13	71	GV3-9	–	–	11.6	2.6	14	72
GV3-10 X	–	–	2.9	0.7	15	81	**GV3-10 X**	–	–	9.5	2.9	15	73
GV3-11	–	–	11.8	0.0	17	71	GV3-11	–	–	2.5	11.9	6.1	80
GV3-12	–	–	15.4	0.0	19	66	GV3-12	–	–	2.8	8.4	10	81
GV3-13	–	–	14.1	0.8	16	69	GV3-13	–	–	3.1	5.6	11	80
GV3-14	–	–	30.0	0.9	21	48	GV3-14	–	–	24.0	2.0	18	56
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	64	0.9	8.4	9.4	81	GV4-C	–	68	5.8	8.5	12	76
GV4-B	–	–	1.3	1.4	15	82	GV4-B	–	–	3.9	7.9	11	77
GV4-A	–	–	0.4	10.4	8.2	81	GV4-A	–	–	5.8	8.6	11	75
GV4-1	–	–	14.7	1.7	18	66	GV4-1	–	–	7.3	6.2	13	74
GV4-2	–	–	24.5	1.4	21	53	GV4-2	–	–	12.1	2.1	9.3	77
GV4-3	–	–	2.5	9.5	10	78	GV4-3	–	–	24.1	0.7	22	53
GV4-4 X	–	–	0.0	19.0	0.9	80	**GV4-4 X**	–	–	0.0	15.9	2.5	82
GV4-5	–	–	24.6	1.8	22	52	GV4-5	–	–	20.0	2.2	20	58
GV4-6	–	–	4.7	8.7	10	77	GV4-6	–	–	25.1	0.3	23	52
GV4-7	–	–	26.5	0.7	24	49	GV4-7	–	–	28.4	0.0	23	49
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	74	47.1	0.0	28	25	GV5-1	–	74	43.8	0.0	27	29
GV5-2	–	–	48.4	0.0	27	25	GV5-2	–	–	42.8	0.0	27	30
GV5-3	–	–	48.1	0.0	28	24	GV5-3	–	–	41.5	0.0	27	32
GV5-4	–	–	37.9	0.0	25	37	GV5-4	–	–	46.6	0.0	28	25
GV5-5	–	–	47.4	0.0	29	24	GV5-5	–	–	46.5	0.0	28	26
GV5-6	–	–	51.3	0.0	29	20	GV5-6	–	–	47.1	0.0	28	25
GV5-7	–	–	50.5	0.0	30	20	GV5-7	–	–	47.7	0.0	29	23
GV5-8	–	–	25.4	0.3	21	53	GV5-8	–	–	22.5	0.0	22	56
GV5-9	–	–	26.4	0.0	22	52	GV5-9	–	–	23.0	0.0	21	56

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 10 - Oct 16, 2011						Week of:	Oct 17 - Oct 23, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	19.5	0.7	23	57	EW-1	--	--	20.4	0.0	24	56
EW-2	--	--	0.0	8.3	12	80	EW-2	--	--	0.0	8.7	11	80
EW-3	--	--	13.0	5.3	15	67	EW-3	--	--	17.7	2.8	18	62
EW-4	--	--	24.5	0.0	22	54	EW-4	--	--	25.4	0.0	22	52
EW-5	--	--	28.6	0.0	22	49	EW-5	--	--	28.8	0.0	24	47
EW-6	--	--	30.5	0.0	24	46	EW-6	--	--	33.2	0.0	26	41
EW-7	--	--	28.3	0.0	23	49	EW-7	--	--	32.7	0.0	26	41
EW-8	--	--	34.2	0.0	26	40	EW-8	--	--	30.0	0.0	25	45
EW-9	--	--	40.4	0.0	28	32	EW-9	--	--	39.8	0.0	27	33
EW-10	--	--	0.9	3.0	10	86	EW-10	--	--	6.7	5.2	13	75
EW-11	--	--	0.3	18.4	0.8	81	EW-11	--	--	10.3	6.3	14	69
EW-12	--	--	0.8	14.2	4.2	81	EW-12	--	--	2.2	9.8	8.4	80
SW1	--	--	40.6	0.0	29	30	SW1	--	--	34.1	0.0	26	40
SW2	--	--	39.3	0.0	30	31	SW2	--	--	33.8	0.0	28	40
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	17.8	10.9	14	57	NW1	--	--	38.4	0.0	27	35
NW2	--	--	50.0	0.0	32	18	NW2	--	--	48.3	0.0	31	21
NW3	--	--	50.2	0.0	32	18	NW3	--	--	46.4	0.0	30	24
NW4	--	--	28.5	0.0	25	47	NW4	--	--	26.1	0.6	23	50
NW5	--	--	54.8	0.2	32	13	NW5	--	--	21.1	10.0	15	54
NW6	--	--	49.8	0.0	31	19	NW6	--	--	41.7	1.0	27	30
NW7	--	--	64.8	0.0	34	1	NW7	--	--	45.8	0.0	29	25
NW8	--	--	15.8	1.5	21	62	NW8	--	--	17.2	0.0	22	61
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 11/2/2011

Subject: LFG Monitoring Summary - Week of 10/24/11 - 10/30/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 360 to 420 mins. ON and 1020 to1080 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed October 29, 2011 with temps of 30°F to 53°F and mostly cloudy conditions.
Vacuum readings were last taken on September 16, 2011
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/24/2011	--	--	4:00	*11:00	--	--	--	--	7.0
10/25/2011	--	--	4:00	11:00	--	--	--	--	7.0
10/26/2011	--	--	4:00	11:00	--	--	--	--	7.0
10/27/2011	--	--	4:00	11:00	--	--	--	--	7.0
10/28/2011	4:00	5:30#	9:30@	11:00	--	--	--	--	3.0
10/29/2011	--	--	4:00	11:00	--	--	--	--	7.0
10/30/2011	--	--	4:00	11:00	--	--	--	--	7.0
								Total Hrs. =	45.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/24/2011	--	--	--	--	--
10/25/2011	--	--	--	--	--
10/26/2011	--	--	--	--	--
10/27/2011	--	--	--	--	--
10/28/2011	--	--	--	--	--
10/29/2011	GV, S&EW, CPs & TGP/GP	9:30A - 4:30P	0.0	30.11 - 30.06	F
10/30/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Oct		25-Oct		26-Oct		27-Oct		28-Oct		29-Oct		30-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA. Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Oct		25-Oct		26-Oct		27-Oct		28-Oct		29-Oct		30-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	12.8	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-80	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	13.8	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	12.8	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 17 - Oct 23, 2011						Week of:	Oct 24 - Oct 30, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	48	10.5	0.0	21	69	GV1-1	–	42	15.2	10.4	14	60
GV1-2	–	50	31.8	0.0	26	42	GV1-2	–	38	32.8	0.7	27	40
GV1-3	–	50	24.1	0.0	24	52	GV1-3	–	40	28.2	1.1	25	46
GV1-4	–	52	32.3	0.0	26	42	GV1-4	–	42	36.3	0.0	27	37
GV1-5	–	58	19.1	0.0	22	59	GV1-5	–	42	27.6	0.0	24	48
GV1-6	–	58	14.9	0.4	21	64	GV1-6	–	40	24.1	0.0	22	54
GV1-7	–	60	9.1	6.8	13	71	GV1-7	–	42	10.3	8.9	11	70
GV1-8	–	60	19.1	1.5	21	58	GV1-8	–	40	21.2	2.1	22	55
GV1-9	–	54	21.3	0.0	23	56	GV1-9	–	38	21.4	0.0	24	55
GV1-10X	–	58	20.3	0.0	23	57	**GV1-10X**	–	42	27.3	0.0	22	51
GV1-11	–	58	12.9	9.2	12	66	GV1-11	–	42	18.4	6.4	15	62
GV1-12	–	64	25.4	0.0	24	51	GV1-12	–	40	23.5	0.2	23	53
GV1-13	–	52	18.3	0.0	20	64	GV1-13	–	38	17.8	0.1	21	61
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	–	1.1	12.8	5.6	81	GV1b-1	–	44	1.4	11.2	7.3	80
GV1b-2	–	68	2.9	8.1	8.8	80	GV1b-2	–	38	13.1	8.2	16	65
GV1b-3	–	54	1.0	14.5	5.0	80	GV1b-3	–	40	4.1	13.8	6.7	75
GV1b-4	–	60	3.3	11.2	8.5	77	GV1b-4	–	40	4.8	9.7	11	75
GV1b-5	–	62	1.4	2.3	16	80	GV1b-5	–	–	2.6	6.3	13	78
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	62	13.6	3.7	17	66	GV2-1	–	52	14.2	12.0	18	56
GV2-2	–	66	14.9	2.2	18	65	GV2-2	–	58	9.4	0.2	15	75
GV2-3	–	68	19.0	0.7	21	59	GV2-3	–	68	19.1	0.0	20	61
GV2-4	–	76	16.7	1.4	19	63	GV2-4	–	70	14.1	1.7	18	66
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	31.6	0.0	25	43	GV3-1	–	–	59.2	1.0	30	10
GV3-2	–	–	56.8	0.0	27	16	GV3-2	–	–	54.4	0.3	25	20
GV3-3	–	–	32.9	3.2	21	43	GV3-3	–	–	0.8	13.9	10	75
GV3-4	–	64	31.4	1.2	23	44	GV3-4	–	52	4.9	4.8	12	78
GV3-5	–	–	26.5	2.7	19	52	GV3-5	–	–	9.4	3.3	15	72
GV3-6	–	–	2.2	1.0	17	80	GV3-6	–	–	8.3	0.5	17	74
GV3-7	–	–	18.4	1.9	20	60	GV3-7	–	–	3.1	1.1	14	82
GV3-8	–	–	6.2	3.0	13	78	GV3-8	–	–	4.8	2.4	13	80
GV3-9	–	–	11.8	2.6	14	72	GV3-9	–	–	10.6	3.6	13	73
GV3-10 X	–	–	9.5	2.9	15	73	**GV3-10 X**	–	–	1.8	1.6	15	82
GV3-11	–	–	2.5	11.9	6.1	80	GV3-11	–	–	5.5	0.2	17	77
GV3-12	–	–	2.8	6.4	10	81	GV3-12	–	–	11.7	0.0	18	70
GV3-13	–	–	3.1	5.6	11	80	GV3-13	–	–	20.4	0.7	19	60
GV3-14	–	–	24.0	2.0	18	56	GV3-14	–	–	32.2	1.0	21	46
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	68	5.8	6.5	12	76	GV4-C	–	48	2.4	6.5	11	80
GV4-B	–	–	3.9	7.9	11	77	GV4-B	–	–	0.7	1.2	16	82
GV4-A	–	–	5.8	8.5	11	75	GV4-A	–	–	1.2	3.3	11	85
GV4-1	–	–	7.3	6.2	13	74	GV4-1	–	–	11.0	2.6	18	68
GV4-2	–	–	12.1	2.1	9.3	77	GV4-2	–	–	8.2	2.2	21	69
GV4-3	–	–	24.1	0.7	22	53	GV4-3	–	–	3.5	7.8	11	78
GV4-4 X	–	–	0.0	15.9	2.5	82	**GV4-4 X**	–	–	0.0	16.9	2.1	81
GV4-5	–	–	20.0	2.2	20	58	GV4-5	–	–	24.1	1.5	23	51
GV4-6	–	–	25.1	0.3	23	52	GV4-6	–	–	5.4	6.7	11	77
GV4-7	–	–	28.4	0.0	23	48	GV4-7	–	–	31.4	0.7	26	42
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	74	43.8	0.0	27	29	GV5-1	–	60	53.6	0.0	29	17
GV5-2	–	–	42.8	0.0	27	30	GV5-2	–	–	41.1	0.0	25	34
GV5-3	–	–	41.5	0.0	27	32	GV5-3	–	–	36.3	0.0	25	39
GV5-4	–	–	46.6	0.0	28	25	GV5-4	–	–	51.0	0.0	30	19
GV5-5	–	–	46.5	0.0	28	26	GV5-5	–	–	52.4	0.0	30	18
GV5-6	–	–	47.1	0.0	28	25	GV5-6	–	–	54.0	0.0	30	16
GV5-7	–	–	47.7	0.0	29	23	GV5-7	–	–	47.4	0.0	27	26
GV5-8	–	–	22.5	0.0	22	56	GV5-8	–	–	27.7	0.0	23	49
GV5-9	–	–	23.0	0.0	21	56	GV5-9	–	–	29.6	0.0	23	47

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 17 - Oct 23, 2011						Week of:	Oct 24 - Oct 30, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	20.4	0.0	24	56	EW-1	--	--	21.9	0.6	24	54
EW-2	--	--	0.0	8.7	11	80	EW-2	--	--	0.0	6.1	13	81
EW-3	--	--	17.7	2.8	18	62	EW-3	--	--	18.1	1.8	19	61
EW-4	--	--	26.4	0.0	22	52	EW-4	--	--	27.6	0.0	24	48
EW-5	--	--	28.8	0.0	24	47	EW-5	--	--	30.3	0.0	26	44
EW-6	--	--	33.2	0.0	26	41	EW-6	--	--	30.1	0.0	26	44
EW-7	--	--	32.7	0.0	26	41	EW-7	--	--	26.3	0.0	22	52
EW-8	--	--	30.0	0.0	25	45	EW-8	--	--	28.4	0.0	22	50
EW-9	--	--	39.8	0.0	27	33	EW-9	--	--	38.8	0.0	27	34
EW-10	--	--	6.7	5.2	13	75	EW-10	--	--	4.5	0.4	14	81
EW-11	--	--	10.3	6.3	14	69	EW-11	--	--	0.5	18.1	1.0	80
EW-12	--	--	2.2	9.6	8.4	80	EW-12	--	--	0.7	10.7	6.9	82
SW1	--	--	34.1	0.0	26	40	SW1	--	--	41.6	0.0	29	29
SW2	--	--	33.8	0.0	26	40	SW2	--	--	39.4	0.0	27	34
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	38.4	0.0	27	35	NW1	--	--	18.9	0.0	23	58
NW2	--	--	48.3	0.0	31	21	NW2	--	--	50.1	0.0	31	19
NW3	--	--	46.4	0.0	30	24	NW3	--	--	50.5	0.0	32	18
NW4	--	--	26.1	0.6	23	50	NW4	--	--	27.1	0.0	24	49
NW5	--	--	21.1	10.0	15	54	NW5	--	--	12.2	0.0	22	66
NW6	--	--	41.7	1.0	27	30	NW6	--	--	44.0	0.0	31	25
NW7	--	--	45.8	0.0	29	25	NW7	--	--	69.7	0.0	34	0
NW8	--	--	17.2	0.0	22	61	NW8	--	--	15.4	1.3	22	61
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

December 9, 2011

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #202 – November 2011
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for November 2011.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #202 – November 2011
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- In an e-mail, dated November 18, 2011, the VLSG proposed to U.S. EPA to decrease the frequency of compliance monitoring of the landfill gas abatement system, from weekly to bi-weekly. In a response e-mail from U.S. EPA, dated November 18, 2011, the Agency approved the proposal.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Weekly LGAS compliance data summaries for the month of November 2011 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (December 2011)

- Develop Monthly Progress Report #202 summarizing activities in November 2011; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (December 2011)

- December 10 - Anticipated submittal of the November 2011 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	11/09	U.S. EPA	Monthly Progress Report for the Month of October 2011;
dmi e-mail	11/18	U.S. EPA	Landfill Gas Abatement System Compliance Monitoring; and,
U.S. EPA e-mail	11/18	dmi/VLSG	Compliance Monitoring.

PAPER

ATTACHMENT A

(WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 11/10/2011

Subject: LFG Monitoring Summary - Week of 10/31/11 - 11/6/11

Summary: All CPs remained in compliance this week.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 360 mins ON and 1080 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed November 4, 2011 with temps of 49°F to 58°F and overcast conditions.
Vacuum readings were last taken on October 31, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/31/2011	--	--	11:00*	5:00	--	--	--	--	6.0
11/1/2011	--	--	11:00	5:00	--	--	--	--	6.0
11/2/2011	--	--	11:00@	5:00	--	--	--	--	6.0
11/3/2011	--	--	11:00	5:00	--	--	--	--	6.0
11/4/2011	8:00#	--	9:00*	--	--	2:00	--	--	5.0
11/5/2011	--	--	8:00	--	--	2:00	--	--	6.0
11/6/2011	--	--	8:00	--	--	@2:00	--	--	6.0
								Total Hrs. =	41.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/31/2011	--	--	--	--	--
11/1/2011	--	--	--	--	--
11/2/2011	--	--	--	--	--
11/3/2011	CPs & TGP/GP	10:00A - 2:00P	0.0	30.02 - 29.94	F
11/4/2011	GV, S&EW	11:00A - 2:00P	--	30.18 - 30.19	--
11/5/2011	--	--	--	--	--
11/6/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	31-Oct		1-Nov		2-Nov		3-Nov		4-Nov		5-Nov		6-Nov	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	14.3	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	14.6	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	15.0	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	17.7	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	15.3	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	17.7	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	16.7	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face** Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	31-Oct		1-Nov		2-Nov		3-Nov		4-Nov		5-Nov		6-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	14.1	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	13.6	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	13.4	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 24 - Oct 30, 2011						Week of:	Oct 31 - Nov 6, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.50	--	--	--	--	--
GV1-1	--	42	15.2	10.4	14	60	GV1-1	--	48	8.3	0.4	18	73
GV1-2	--	38	32.8	0.7	27	40	GV1-2	--	46	20.6	6.0	18	55
GV1-3	--	40	28.2	1.1	25	46	GV1-3	--	48	15.9	3.7	18	62
GV1-4	--	42	36.3	0.0	27	37	GV1-4	--	46	16.2	3.5	18	62
GV1-5	--	42	27.6	0.0	24	48	GV1-5	--	52	22.6	0.4	24	53
GV1-6	--	40	24.1	0.0	22	54	GV1-6	--	54	16.8	2.9	19	61
GV1-7	--	42	10.3	8.9	11	70	GV1-7	--	52	5.2	0.6	19	75
GV1-8	--	40	21.2	2.1	22	55	GV1-8	--	52	13.9	4.1	17	65
GV1-9	--	38	21.4	0.0	24	55	GV1-9	--	54	22.5	0.0	23	55
GV1-10X	--	42	27.3	0.0	22	51	**GV1-10X**	--	58	26.1	0.0	23	51
GV1-11	--	42	16.4	6.4	15	62	GV1-11	--	54	4.2	16.1	3.8	76
GV1-12	--	40	23.5	0.2	23	53	GV1-12	--	54	29.5	0.8	12	58
GV1-13	--	38	17.8	0.1	21	61	GV1-13	--	50	14.7	0.0	20	65
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-0.70	--	--	--	--	--
GV1b-1	--	44	1.4	11.2	7.3	80	GV1b-1	--	56	1.3	11.3	6.5	81
GV1b-2	--	38	13.1	6.2	16	65	GV1b-2	--	50	2.9	10.0	10	77
GV1b-3	--	40	4.1	13.8	6.7	75	GV1b-3	--	54	4.6	10.7	10	75
GV1b-4	--	40	4.8	9.7	11	75	GV1b-4	--	52	1.3	9.4	10	79
GV1b-5	--	--	2.6	6.3	13	78	GV1b-5	--	--	1.7	6.0	12	80
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.10	--	--	--	--	--
GV2-1	--	52	14.2	12.0	18	56	GV2-1	--	62	6.3	5.0	14	75
GV2-2	--	58	9.4	0.2	15	75	GV2-2	--	64	6.0	1.1	17	76
GV2-3	--	58	19.1	0.0	20	61	GV2-3	--	64	24.1	0.0	21	55
GV2-4	--	70	14.1	1.7	18	66	GV2-4	--	76	10.6	0.0	18	71
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.20	--	--	--	--	--
GV3-1	--	--	59.2	1.0	30	10	GV3-1	--	--	58.0	0.6	29	12
GV3-2	--	--	54.4	0.3	25	20	GV3-2	--	--	43.1	0.3	24	33
GV3-3	--	--	0.8	13.9	10	75	GV3-3	--	--	0.0	16.8	1.6	82
GV3-4	--	52	4.9	4.8	12	78	GV3-4	--	54	2.0	9.2	8.4	80
GV3-5	--	--	9.4	3.3	15	72	GV3-5	--	--	7.1	4.4	14	75
GV3-6	--	--	8.3	0.5	17	74	GV3-6	--	--	4.0	0.7	16	79
GV3-7	--	--	3.1	1.1	14	82	GV3-7	--	--	3.1	1.5	13	82
GV3-8	--	--	4.8	2.4	13	80	GV3-8	--	--	2.5	1.1	14	82
GV3-9	--	--	10.6	3.6	13	73	GV3-9	--	--	10.8	3.8	12	73
GV3-10 X	--	--	1.8	1.6	15	82	**GV3-10 X**	--	--	2.1	2.7	13	82
GV3-11	--	--	5.5	0.2	17	77	GV3-11	--	--	2.4	0.4	15	82
GV3-12	--	--	11.7	0.0	18	70	GV3-12	--	--	10.5	0.0	17	73
GV3-13	--	--	20.4	0.7	19	60	GV3-13	--	--	10.3	1.1	17	72
GV3-14	--	--	32.2	1.0	21	46	GV3-14	--	--	29.8	0.0	21	49
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.40	--	--	--	--	--
GV4-C	--	48	2.4	6.5	11	80	GV4-C	--	60	1.9	6.8	10	81
GV4-B	--	--	0.7	1.2	16	82	GV4-B	--	--	1.5	0.6	15	83
GV4-A	--	--	1.2	3.3	11	85	GV4-A	--	--	0.0	6.0	10	84
GV4-1	--	--	11.0	2.6	18	68	GV4-1	--	--	11.8	2.7	17	69
GV4-2	--	--	8.2	2.2	21	69	GV4-2	--	--	26.4	1.8	22	50
GV4-3	--	--	3.5	7.8	11	78	GV4-3	--	--	3.7	8.8	9.2	79
GV4-4 X	--	--	0.0	16.9	2.1	81	**GV4-4 X**	--	--	0.0	16.9	1.8	79
GV4-5	--	--	24.1	1.5	23	51	GV4-5	--	--	29.4	0.0	22	49
GV4-6	--	--	5.4	6.7	11	77	GV4-6	--	--	2.8	9.8	10	77
GV4-7	--	--	31.4	0.7	26	42	GV4-7	--	--	24.0	1.8	22	52
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.50	--	--	--	--	--
GV5-1	--	60	53.6	0.0	29	17	GV5-1	--	66	42.2	2.0	25	31
GV5-2	--	--	41.1	0.0	25	34	GV5-2	--	--	33.8	2.8	24	39
GV5-3	--	--	36.3	0.0	25	39	GV5-3	--	--	27.2	5.7	18	49
GV5-4	--	--	51.0	0.0	30	19	GV5-4	--	--	28.1	8.1	17	47
GV5-5	--	--	52.4	0.0	30	18	GV5-5	--	--	39.0	3.6	23	34
GV5-6	--	--	54.0	0.0	30	16	GV5-6	--	--	36.6	4.2	22	37
GV5-7	--	--	47.4	0.0	27	26	GV5-7	--	--	37.7	4.0	23	35
GV5-8	--	--	27.7	0.0	23	49	GV5-8	--	--	22.8	1.6	20	56
GV5-9	--	--	29.6	0.0	23	47	GV5-9	--	--	22.9	0.0	21	56

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 24 - Oct 30, 2011						Week of:	Oct 31 - Nov 6, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	21.9	0.6	24	54	EW-1	-0.50	--	18.1	1.8	22	58
EW-2	--	--	0.0	8.1	13	81	EW-2	-0.40	--	0.0	6.1	11	83
EW-3	--	--	18.1	1.8	19	61	EW-3	-0.20	--	13.1	3.1	16	68
EW-4	--	--	27.6	0.0	24	48	EW-4	--	--	24 6	0.0	23	52
EW-5	--	--	30.3	0.0	26	44	EW-5	--	--	32.2	0.0	24	44
EW-6	--	--	30.1	0.0	26	44	EW-6	--	--	29.1	0.0	24	47
EW-7	--	--	26.3	0.0	22	52	EW-7	--	--	26.2	0.0	24	50
EW-8	--	--	28.4	0.0	22	50	EW-8	--	--	29.4	0.0	24	47
EW-9	--	--	38.8	0.0	27	34	EW-9	--	--	38.6	0.0	27	34
EW-10	--	--	4.5	0.4	14	81	EW-10	-0.30	--	2.0	1.0	11	86
EW-11	--	--	0.5	18.1	1.0	80	EW-11	-0.50	--	0.2	18.1	0.7	81
EW-12	--	--	0.7	10.7	6.9	82	EW-12	-0.40	--	0.5	2.2	13	84
SW1	--	--	41.6	0.0	29	29	SW1	--	--	39.4	0.0	28	33
SW2	--	--	39.4	0.0	27	34	SW2	--	--	39.1	0.0	28	33
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	18.9	0.0	23	58	NW1	--	--	19.3	0.0	22	59
NW2	--	--	50.1	0.0	31	19	NW2	--	--	51.9	0.0	30	18
NW3	--	--	50.5	0.0	32	18	NW3	--	--	47.5	0.0	30	-23
NW4	--	--	27.1	0.0	24	49	NW4	--	--	26.2	0.0	23	51
NW5	--	--	12.2	0.0	22	66	NW5	--	--	14.8	0.0	21	64
NW6	--	--	44.0	0.0	31	25	NW6	--	--	36.4	0.0	29	35
NW7	--	--	69.7	0.0	34	0	NW7	--	--	60.5	0.0	31	9
NW8	--	--	15.4	1.3	22	61	NW8	--	--	16.5	1.0	21	62
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 11/20/2011

Subject: LFG Monitoring Summary - Week of 11/07/11 - 11/13/11

Summary: All CPs remained in compliance this week.
There were four (4) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 to 360 mins ON and 480 to 1080 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed November 10, 2011 with temps of 39°F to 43°F and scattered to mostly cloudy conditions.
Vacuum readings were last taken on October 31, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
11/7/2011	--	--	8:00	--	--	2:00	--	--	6.0
11/8/2011	--	--	6:00*	--	--	12:00	--	--	6.0
11/9/2011	--	--	6:00	--	--	12:00	--	--	6.0
11/10/2011	--	--	6:00	--	--	12:00	--	--	6.0
11/11/2011	6:00	7:30#	8:30@	11:30#	--	--	--	--	4.5
11/12/2011	--	--	10:00	--	--	1:00	9:00	11:00#	5.0
11/13/2011	--	--	10:00#	--	--	--	--	--	0.0
								Total Hrs. =	33.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
11/7/2011	--	--	--	--	--
11/8/2011	--	--	--	--	--
11/9/2011	--	--	--	--	--
11/10/2011	CPs & TGP/GP, GV, S&EW	9:00A - 4:00P	0.0	30.02 - 29.94	F
11/11/2011	--	--	--	--	--
11/12/2011	--	--	--	--	--
11/13/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Nov		8-Nov		9-Nov		10-Nov		11-Nov		12-Nov		13-Nov	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	14.1	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	14.2	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	14.7	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Nov		8-Nov		9-Nov		10-Nov		11-Nov		12-Nov		13-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	18.5	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	14.2	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	15.3	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 31 - Nov 8, 2011						Week of:	Nov 7 - Nov 13, 2011					
Wellhead ID	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**	**Wellhead ID**	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**
LEG 1	-1.50	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	46	8.3	0.4	18	73	GV1-1	--	40	8.2	0.4	21	70
GV1-2	--	46	20.6	6.0	18	55	GV1-2	--	42	32.7	0.0	31	36
GV1-3	--	48	15.9	3.7	18	62	GV1-3	--	40	18.0	0.2	25	57
GV1-4	--	46	16.2	3.5	18	62	GV1-4	--	44	28.9	0.0	28	43
GV1-5	--	52	22.6	0.4	24	53	GV1-5	--	46	23.4	0.0	27	50
GV1-6	--	54	18.8	2.9	19	61	GV1-6	--	44	15.2	0.4	25	59
GV1-7	--	52	5.2	0.6	19	75	GV1-7	--	42	1.1	11.2	7.6	80
GV1-8	--	52	13.9	4.1	17	65	GV1-8	--	44	7.7	2.6	19	71
GV1-9	--	54	22.5	0.0	23	55	GV1-9	--	44	13.4	0.0	24	63
GV1-10X	--	58	26.1	0.0	23	51	**GV1-10X**	--	46	19.9	0.0	25	55
GV1-11	--	54	4.2	16.1	3.8	76	GV1-11	--	44	9.6	8.2	14	68
GV1-12	--	54	29.5	0.6	12	58	GV1-12	--	44	24.1	0.0	28	50
GV1-13	--	50	14.7	0.0	20	65	GV1-13	--	40	8.0	1.4	18	73
LEG 1b	-0.70	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	58	1.3	11.3	6.5	81	GV1b-1	--	44	1.4	11.7	6.9	80
GV1b-2	--	50	2.9	10.0	10	77	GV1b-2	--	42	0.5	8.7	11	80
GV1b-3	--	54	4.6	10.7	10	75	GV1b-3	--	44	0.4	17.6	2.1	80
GV1b-4	--	52	1.3	9.4	10	79	GV1b-4	--	44	3.6	11.0	10	75
GV1b-5	--	--	1.7	8.0	12	80	GV1b-5	--	--	1.3	5.5	14	79
LEG 2	-0.10	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	62	6.3	5.0	14	75	GV2-1	--	58	5.6	10.1	11	73
GV2-2	--	64	6.0	1.1	17	76	GV2-2	--	60	3.5	5.0	17	75
GV2-3	--	64	24.1	0.0	21	55	GV2-3	--	62	17.7	0.4	23	59
GV2-4	--	76	10.6	0.0	18	71	GV2-4	--	80	5.9	4.8	16	73
LEG 3	-0.20	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	58.0	0.6	29	12	GV3-1	--	--	50.7	0.2	33	16
GV3-2	--	--	43.1	0.3	24	33	GV3-2	--	--	47.1	0.3	30	23
GV3-3	--	--	0.0	16.8	1.6	82	GV3-3	--	--	0.2	16.7	2.0	81
GV3-4	--	54	2.0	9.2	8.4	80	GV3-4	--	50	2.6	9.1	9.3	79
GV3-5	--	--	7.1	4.4	14	75	GV3-5	--	--	8.6	4.5	16	71
GV3-6	--	--	4.0	0.7	16	79	GV3-6	--	--	5.6	0.3	17	77
GV3-7	--	--	3.1	1.5	13	82	GV3-7	--	--	3.6	1.5	14	81
GV3-8	--	--	2.5	1.1	14	82	GV3-8	--	--	3.3	1.1	15	81
GV3-9	--	--	10.8	3.8	12	73	GV3-9	--	--	12.4	3.8	14	70
GV3-10 X	--	--	2.1	2.7	13	82	**GV3-10 X**	--	--	2.9	1.1	16	80
GV3-11	--	--	2.4	0.4	15	82	GV3-11	--	--	9.4	0.8	14	76
GV3-12	--	--	10.5	0.0	17	73	GV3-12	--	--	13.1	0.0	19	68
GV3-13	--	--	10.3	1.1	17	72	GV3-13	--	--	12.8	0.3	18	69
GV3-14	--	--	29.6	0.0	21	49	GV3-14	--	--	29.5	0.4	24	46
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.40	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	60	1.9	6.8	10	81	GV4-C	--	50	1.1	8.1	11	80
GV4-B	--	--	1.5	0.6	15	83	GV4-B	--	--	1.5	0.9	17	81
GV4-A	--	--	0.0	6.0	10	84	GV4-A	--	--	0.7	10.7	8.2	80
GV4-1	--	--	11.8	2.7	17	69	GV4-1	--	--	10.3	6.8	14	69
GV4-2	--	--	26.4	1.8	22	50	GV4-2	--	--	30.1	1.1	27	42
GV4-3	--	--	3.7	8.6	9.2	79	GV4-3	--	--	3.3	8.0	11	78
GV4-4 X	--	--	0.0	18.9	1.8	79	**GV4-4 X**	--	--	20.4	1.0	24	55
GV4-5	--	--	29.4	0.0	22	49	GV4-5	--	--	0.0	18.6	0.4	81
GV4-6	--	--	2.8	9.8	10	77	GV4-6	--	--	3.6	8.7	11	77
GV4-7	--	--	24.0	1.6	22	52	GV4-7	--	--	25.9	1.7	26	46
LEG 5	-0.50	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	66	42.2	2.0	25	31	GV5-1	--	60	48.1	2.1	32	18
GV5-2	--	--	33.8	2.8	24	39	GV5-2	--	--	53.0	0.0	32	15
GV5-3	--	--	27.2	5.7	18	49	GV5-3	--	--	37.7	0.0	31	31
GV5-4	--	--	28.1	8.1	17	47	GV5-4	--	--	41.8	0.1	32	26
GV5-5	--	--	39.0	3.6	23	34	GV5-5	--	--	42.8	0.0	33	24
GV5-6	--	--	36.6	4.2	22	37	GV5-6	--	--	43.0	0.0	32	25
GV5-7	--	--	37.7	4.0	23	35	GV5-7	--	--	39.8	0.0	31	29
GV5-8	--	--	22.8	1.8	20	56	GV5-8	--	--	27.0	0.0	26	47
GV5-9	--	--	22.9	0.0	21	56	GV5-9	--	--	28.8	0.0	25	46

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 31 - Nov 6, 2011						Week of:	Nov 7 - Nov 13, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.50	--	18.1	1.8	22	58	EW-1	--	--	18.9	0.3	25	56
EW-2	-0.40	--	0.0	6.1	11	83	EW-2	--	--	0.0	11.0	11	78
EW-3	-0.20	--	13.1	3.1	16	68	EW-3	--	--	13.3	6.0	16	65
EW-4	--	--	24.6	0.0	23	52	EW-4	--	--	24.5	0.0	26	50
EW-5	--	--	32.2	0.0	24	44	EW-5	--	--	26.7	0.0	24	49
EW-6	--	--	29.1	0.0	24	47	EW-6	--	--	30.4	0.0	28	42
EW-7	--	--	26.2	0.0	24	50	EW-7	--	--	27.4	0.0	26	47
EW-8	--	--	29.4	0.0	24	47	EW-8	--	--	30.3	0.0	28	42
EW-9	--	--	38.6	0.0	27	34	EW-9	--	--	39.5	0.0	32	29
EW-10	-0.30	--	2.0	1.0	11	86	EW-10	--	--	1.8	0.5	12	86
EW-11	-0.50	--	0.2	18.1	0.7	81	EW-11	--	--	0.7	18.2	0.2	81
EW-12	-0.40	--	0.5	2.2	13	84	EW-12	--	--	0.3	13.1	5.4	81
SW1	--	--	39.4	0.0	28	33	SW1	--	--	39.4	0.0	33	28
SW2	--	--	39.1	0.0	28	33	SW2	--	--	39.1	0.0	31	30
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	19.3	0.0	22	59	NW1	--	--	26.4	0.0	27	47
NW2	--	--	51.9	0.0	30	18	NW2	--	--	45.6	0.0	35	19
NW3	--	--	47.5	0.0	30	23	NW3	--	--	46.7	0.0	35	18
NW4	--	--	26.2	0.0	23	51	NW4	--	--	18.3	4.2	18	60
NW5	--	--	14.8	0.0	21	64	NW5	--	--	43.5	0.0	33	24
NW6	--	--	36.4	0.0	29	35	NW6	--	--	49.1	0.0	34	17
NW7	--	--	60.5	0.0	31	9	NW7	--	--	62.9	0.0	37	0
NW8	--	--	16.5	1.0	21	62	NW8	--	--	13.0	0.5	25	62
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 11/23/2011

Subject: LFG Monitoring Summary - Week of 11/14/11 - 11/20/11

Summary: All CPs remained in compliance this week.
There were eight (8) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 ON and 240 to 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed November 17, 2011 with temps of 36°F to 41°F and partly cloudy conditions.
Vacuum readings were last taken on October 31, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
11/14/2011	--	--	--	--	2:00	4:00#	--	--	2.0
11/15/2011	--	--	11:30	--	--	1:30#	4:00*	8:00	6.0
11/16/2011	0:00#	--	11:30	--	--	3:30	11:30#	--	4.0
11/17/2011	--	--	6:30	10:30	--	--	6:30#	--	4.0
11/18/2011	--	--	10:00	10:30#	--	--	--	--	0.5
11/19/2011	--	--	--	--	--	1:00	1:30#	--	0.5
11/20/2011	--	--	10:00#	--	--	--	--	--	0.0
								Total Hrs. =	17.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
11/14/2011	--	--	--	--	--
11/15/2011	--	--	--	--	--
11/16/2011	--	--	--	--	--
11/17/2011	CPs & TGP/GP, GV, S&EW	8:30A - 4:00P	0.0	30.19 - 30.23	R
11/18/2011	--	--	--	--	--
11/19/2011	--	--	--	--	--
11/20/2011	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	14-Nov		15-Nov		16-Nov		17-Nov		18-Nov		19-Nov		20-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	13.6	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	12.1	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	13.5	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	14.0	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	13.5	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	15.0	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	14.3	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	10.5	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	18.5	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	14-Nov		15-Nov		16-Nov		17-Nov		18-Nov		19-Nov		20-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	13.5	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	14.0	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	10.1	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	7.8	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	13.7	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	15.0	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	12.4	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	12.9	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 07 - Nov 13, 2011						Week of:	Nov 14 - Nov 20, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	40	8.2	0.4	21	70	GV1-1	–	100	15.0	0.0	24	61
GV1-2	–	42	32.7	0.0	31	36	GV1-2	–	40	25.7	1.5	28	45
GV1-3	–	40	18.0	0.2	25	57	GV1-3	–	40	31.4	0.0	32	37
GV1-4	–	44	26.9	0.0	28	43	GV1-4	–	40	37.5	0.0	32	31
GV1-5	–	46	23.4	0.0	27	50	GV1-5	–	40	30.6	0.0	27	42
GV1-6	–	44	15.2	0.4	25	59	GV1-6	–	48	23.8	0.0	28	48
GV1-7	–	42	1.1	11.2	7.6	80	GV1-7	–	56	4.4	10.8	8.2	77
GV1-8	–	44	7.7	2.6	19	71	GV1-8	–	38	10.3	6.0	17	67
GV1-9	–	44	13.4	0.0	24	63	GV1-9	–	34	15.8	0.7	24	60
GV1-10X	–	46	19.9	0.0	25	55	**GV1-10X**	–	40	16.2	1.5	23	59
GV1-11	–	44	9.6	8.2	14	68	GV1-11	–	38	22.9	3.6	24	50
GV1-12	–	44	24.1	0.0	26	50	GV1-12	–	76	22.2	0.1	26	52
GV1-13	–	40	8.0	1.4	18	73	GV1-13	–	38	9.5	0.6	19	71
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	44	1.4	11.7	8.9	80	GV1b-1	–	40	1.4	11.5	7.7	79
GV1b-2	–	42	0.5	8.7	11	80	GV1b-2	–	36	1.7	5.6	10	83
GV1b-3	–	44	0.4	17.6	2.1	80	GV1b-3	–	48	0.7	16.4	2.3	81
GV1b-4	–	44	3.6	11.0	10	75	GV1b-4	–	40	3.7	10.4	11	75
GV1b-5	–	–	1.3	5.5	14	79	GV1b-5	–	–	2.2	4.8	15	78
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	58	5.6	10.1	11	73	GV2-1	–	68	3.8	14.5	8.2	74
GV2-2	–	60	3.5	5.0	17	75	GV2-2	–	66	1.3	11.3	13	74
GV2-3	–	62	17.7	0.4	23	59	GV2-3	–	71	10.5	3.2	22	64
GV2-4	–	60	5.9	4.8	18	73	GV2-4	–	82	8.3	5.3	16	70
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	50.7	0.2	33	16	GV3-1	–	–	57.0	1.5	34	8
GV3-2	–	–	47.1	0.3	30	23	GV3-2	–	–	45.7	0.4	29	25
GV3-3	–	–	0.2	16.7	2.0	81	GV3-3	–	–	0.0	20.2	0.9	79
GV3-4	–	50	2.8	9.1	9.3	79	GV3-4	–	52	0.8	11.9	7.7	80
GV3-5	–	–	8.5	4.5	16	71	GV3-5	–	–	8.7	5.2	16	70
GV3-6	–	–	5.6	0.3	17	77	GV3-6	–	–	6.2	0.3	18	76
GV3-7	–	–	3.6	1.5	14	81	GV3-7	–	–	5.7	2.5	15	77
GV3-8	–	–	3.3	1.1	15	81	GV3-8	–	–	3.0	1.7	16	79
GV3-9	–	–	12.4	3.8	14	70	GV3-9	–	–	15.0	3.3	15	67
GV3-10 X	–	–	2.9	1.1	16	80	**GV3-10 X**	–	–	3.3	1.1	16	80
GV3-11	–	–	9.4	0.8	14	76	GV3-11	–	–	5.3	0.3	19	75
GV3-12	–	–	13.1	0.0	19	68	GV3-12	–	–	11.0	0.0	19	70
GV3-13	–	–	12.8	0.3	18	69	GV3-13	–	–	9.4	0.2	19	71
GV3-14	–	–	29.5	0.4	24	46	GV3-14	–	–	31.1	0.0	25	44
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	50	1.1	8.1	11	80	GV4-C	–	60	1.2	9.9	11	78
GV4-B	–	–	1.5	0.9	17	81	GV4-B	–	–	1.8	1.1	18	79
GV4-A	–	–	0.7	10.7	8.2	80	GV4-A	–	–	1.1	9.8	8.7	80
GV4-1	–	–	10.3	6.8	14	69	GV4-1	–	–	17.0	3.7	21	58
GV4-2	–	–	30.1	1.1	27	42	GV4-2	–	–	21.4	4.6	21	53
GV4-3	–	–	3.3	8.0	11	78	GV4-3	–	–	2.9	9.0	11	77
GV4-4 X	–	–	20.4	1.0	24	55	**GV4-4 X**	–	–	0.0	17.8	1.3	81
GV4-5	–	–	0.0	18.6	0.4	81	GV4-5	–	–	19.4	1.3	25	54
GV4-6	–	–	3.6	8.7	11	77	GV4-6	–	–	3.0	9.4	11	77
GV4-7	–	–	25.9	1.7	26	46	GV4-7	–	–	24.7	2.9	28	46
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	60	48.1	2.1	32	18	GV5-1	–	80	29.0	0.5	29	42
GV5-2	–	–	53.0	0.0	32	15	GV5-2	–	–	27.0	1.4	27	45
GV5-3	–	–	37.7	0.0	31	31	GV5-3	–	–	28.8	0.3	29	42
GV5-4	–	–	41.8	0.1	32	26	GV5-4	–	–	28.5	0.3	28	43
GV5-5	–	–	42.8	0.0	33	24	GV5-5	–	–	31.2	0.0	30	39
GV5-6	–	–	43.0	0.0	32	25	GV5-6	–	–	31.6	0.7	29	39
GV5-7	–	–	39.8	0.0	31	29	GV5-7	–	–	27.6	0.0	29	43
GV5-8	–	–	27.0	0.0	26	47	GV5-8	–	–	26.4	0.1	26	48
GV5-9	–	–	26.8	0.0	25	48	GV5-9	–	–	27.0	0.0	27	46

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 07 - Nov 13, 2011						Week of:	Nov 14 - Nov 20, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	–	–	18.9	0.3	25	56	EW-1	–	–	19.6	1.5	27	52
EW-2	–	–	0.0	11.0	11	78	EW-2	–	–	3.0	10.1	11	76
EW-3	–	–	13.3	6.0	16	65	EW-3	–	–	17.7	2.6	21	59
EW-4	–	–	24.5	0.0	26	50	EW-4	–	–	30.9	1.0	28	40
EW-5	–	–	26.7	0.0	24	49	EW-5	–	–	42.5	0.0	32	26
EW-6	–	–	30.4	0.0	28	42	EW-6	–	–	27.0	0.0	28	45
EW-7	–	–	27.4	0.0	26	47	EW-7	–	–	26.3	0.0	27	47
EW-8	–	–	30.3	0.0	28	42	EW-8	–	–	33.5	0.0	31	36
EW-9	–	–	39.5	0.0	32	29	EW-9	–	–	39.6	0.0	32	28
EW-10	–	–	1.8	0.5	12	86	EW-10	–	–	2.2	2.0	11	85
EW-11	–	–	0.7	18.2	0.2	81	EW-11	–	–	0.5	18.1	0.9	81
EW-12	–	–	0.3	13.1	5.4	81	EW-12	–	–	0.0	16.6	2.2	81
SW1	–	–	39.4	0.0	33	28	SW1	–	–	32.0	0.0	28	40
SW2	–	–	39.1	0.0	31	30	SW2	–	–	24.8	0.0	24	51
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	26.4	0.0	27	47	NW1	–	–	25.1	0.6	28	46
NW2	–	–	45.6	0.0	35	19	NW2	–	–	52.2	0.0	36	12
NW3	–	–	46.7	0.0	35	18	NW3	–	–	47.7	0.0	35	17
NW4	–	–	18.3	4.2	18	60	NW4	–	–	1.0	18.6	1.5	79
NW5	–	–	43.5	0.0	33	24	NW5	–	–	52.3	0.1	36	12
NW6	–	–	49.1	0.0	34	17	NW6	–	–	51.6	0.2	35	13
NW7	–	–	62.9	0.0	37	0	NW7	–	–	65.6	0.7	39	0
NW8	–	–	13.0	0.5	25	62	NW8	–	–	2.2	17.1	4.3	76
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	2.90	–	–	–	–	FLARE 90	–	2.90	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) *NAM = Not Accessible for Monitoring;*
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

January 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #203 – December 2011
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for December 2011.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #203 – December 2011
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of December 2011 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (January 2012)

- Develop Monthly Progress Report #203 summarizing activities in December 2011;
- Perform the first quarter 2012 combustible gas indicator (CGI) checks; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (January 2012)

- January 10 - Anticipated submittal of the December 2011 MPR to U.S. EPA; and,
- Mid-January - Tentatively perform the first quarter 2012 CGI checks.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	12/09	U.S. EPA	Monthly Progress Report for the Month of November 2011.

PAPER

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 12/19/2011

Subject: LFG Monitoring Summary - Week of 11/28/11 - 12/04/11

Summary: All CPs remained in compliance this period. Bi-weekly monitoring of perimeter probes started this week.
There were five (5) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 to 360 mins ON and 240 to 480 mins OFF.
Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed December 1-2, 2011 with temps of 41°F to 45°F and partly cloudy to scattered cloud conditions.
Vacuum readings were last taken on October 31, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
11/28/2011	--	--	--	--	--	--	5:00	9:00	4.0
11/29/2011	5:00	9:00	--	--	--	--	3:30	9:30	10.0
11/30/2011	1:30	3:00#	9:00#	--	12:30*	1:30#	--	--	2.5
12/1/2011	--	--	10:30	--	--	1:30@	7:30	12:00	7.5
12/2/2011	0:00#	--	6:00	10:00	2:00	6:00	--	--	8.0
12/3/2011	0:00	4:00	10:00	--	--	2:00	8:00	12:00	12.0
12/4/2011	0:00#	--	--	--	2:00@	6:00	--	--	4.0
								Total Hrs. =	48.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
11/28/2011	--	--	--	--	--
11/29/2011	--	--	--	--	--
11/30/2011	--	--	--	--	--
12/1/2011	CP1b, TGP/GP, GV, S&EW	12:00 - 5:00P	0.0	30.35 - 30.32	F
12/2/2011	CPs 2-5, TGP/GP, EW	11:30A - 3:00P	0.0	30.45 - 30.47	R
12/3/2011	--	--	--	--	--
12/4/2011	CP1	2:30-3:00P	0.0	30.18	S

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-Nov		29-Nov		30-Nov		1-Dec		2-Dec		3-Dec		4-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.4
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.9
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.8
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.6
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.5
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	14.6	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	14.2	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	14.9	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.7	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2008.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-Nov		29-Nov		30-Nov		1-Dec		2-Dec		3-Dec		4-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	13.3	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	7.9	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	12.6	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 14 - Nov 20, 2011						Week of:	Nov 28 -Dec 04, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	100	15.0	0.0	24	61	GV1-1	–	38	6.5	17.1	6.3	70
GV1-2	–	40	25.7	1.5	28	45	GV1-2	–	44	32.3	0.7	33	34
GV1-3	–	40	31.4	0.0	32	37	GV1-3	–	44	4.0	17.2	4.2	75
GV1-4	–	40	37.5	0.0	32	31	GV1-4	–	60	34.3	1.5	32	32
GV1-5	–	40	30.6	0.0	27	42	GV1-5	–	54	29.8	0.0	29	41
GV1-6	–	46	23.8	0.0	28	48	GV1-6	–	50	1.1	17.1	1.8	80
GV1-7	–	56	4.4	10.8	8.2	77	GV1-7	–	44	0.7	19.3	1.1	79
GV1-8	–	38	10.3	6.0	17	67	GV1-8	–	50	7.6	2.5	16	74
GV1-9	–	34	15.8	0.7	24	60	GV1-9	–	50	6.6	0.4	20	73
GV1-10X	–	40	16.2	1.5	23	59	**GV1-10X**	–	58	3.2	6.8	12	78
GV1-11	–	36	22.9	3.6	24	50	GV1-11	–	48	25.4	0.1	28	47
GV1-12	–	76	22.2	0.1	26	52	GV1-12	–	76	4.8	0.8	16	78
GV1-13	–	38	9.5	0.6	19	71	GV1-13	–	44	1.4	0.9	14	84
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	40	1.4	11.5	7.7	79	GV1b-1	–	50	1.2	16.1	2.8	80
GV1b-2	–	36	1.7	5.6	10	83	GV1b-2	–	40	15.2	6.1	14.5	64
GV1b-3	–	48	0.7	16.4	2.3	81	GV1b-3	–	50	0.4	18.5	1.1	80
GV1b-4	–	40	3.7	10.4	11	75	GV1b-4	–	50	3.8	13.0	7.9	75
GV1b-5	–	–	2.2	4.8	15	78	GV1b-5	–	–	2.8	15.8	13	68
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	66	3.8	14.5	8.2	74	GV2-1	–	66	3.7	15.6	9.0	72
GV2-2	–	66	1.3	11.3	13	74	GV2-2	–	54	0.6	11.9	10	78
GV2-3	–	71	10.5	3.2	22	64	GV2-3	–	50	0.9	8.1	14	77
GV2-4	–	82	8.3	5.3	16	70	GV2-4	–	82	7.3	6.2	15	72
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	57.0	1.5	34	8	GV3-1	–	–	55.2	0.5	35	9
GV3-2	–	–	45.7	0.4	29	25	GV3-2	–	–	54.6	0.0	31	14
GV3-3	–	–	0.0	20.2	0.9	79	GV3-3	–	–	0.3	18.6	0.8	80
GV3-4	–	52	0.8	11.9	7.7	80	GV3-4	–	50	2.7	11.5	9.0	77
GV3-5	–	–	8.7	5.2	16	70	GV3-5	–	–	0.4	5.9	15	79
GV3-6	–	–	6.2	0.3	18	76	GV3-6	–	–	7.3	1.3	18	73
GV3-7	–	–	5.7	2.5	15	77	GV3-7	–	–	4.0	2.6	14	79
GV3-8	–	–	3.0	1.7	16	79	GV3-8	–	–	2.0	1.6	16	80
GV3-9	–	–	15.0	3.3	15	67	GV3-9	–	–	13.7	3.8	15	68
GV3-10 X	–	–	3.3	1.1	16	80	**GV3-10 X**	–	–	3.6	0.9	15	81
GV3-11	–	–	5.3	0.3	19	75	GV3-11	–	–	13.9	0.3	18	68
GV3-12	–	–	11.0	0.0	19	70	GV3-12	–	–	15.0	0.1	19	66
GV3-13	–	–	9.4	0.2	19	71	GV3-13	–	–	8.4	0.1	18	74
GV3-14	–	–	31.1	0.0	25	44	GV3-14	–	–	35.5	0.0	26	39
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	60	1.2	9.9	11	78	GV4-C	–	60	2.5	2.6	16	79
GV4-B	–	–	1.8	1.1	18	79	GV4-B	–	–	1.8	1.1	18	79
GV4-A	–	–	1.1	9.8	8.7	80	GV4-A	–	–	2.0	14.1	4.6	79
GV4-1	–	–	17.0	3.7	21	58	GV4-1	–	–	16.7	3.6	20	60
GV4-2	–	–	21.4	4.6	21	53	GV4-2	–	–	18.4	5.6	19	57
GV4-3	–	–	2.9	9.0	11	77	GV4-3	–	–	3.4	9.7	10	77
GV4-4 X	–	–	0.0	17.8	1.3	81	**GV4-4 X**	–	–	0.1	19.4	6.0	75
GV4-5	–	–	19.4	1.3	25	54	GV4-5	–	–	22.2	0.9	28	51
GV4-6	–	–	3.0	9.4	11	77	GV4-6	–	–	3.5	10.1	11	75
GV4-7	–	–	24.7	2.9	26	46	GV4-7	–	–	24.3	2.3	25	48
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	80	29.0	0.5	29	42	GV5-1	–	78	43.9	0.2	27	29
GV5-2	–	–	27.0	1.4	27	45	GV5-2	–	–	41.5	0.5	26	32
GV5-3	–	–	28.8	0.3	29	42	GV5-3	–	–	46.5	0.0	29	25
GV5-4	–	–	28.5	0.3	28	43	GV5-4	–	–	43.5	0.0	26	31
GV5-5	–	–	31.2	0.0	30	39	GV5-5	–	–	40.0	0.0	28	32
GV5-6	–	–	31.6	0.7	29	39	GV5-6	–	–	43.1	0.0	28	29
GV5-7	–	–	27.8	0.0	29	43	GV5-7	–	–	37.2	0.0	29	34
GV5-8	–	–	28.4	0.1	28	48	GV5-8	–	–	14.2	1.5	24	60
GV5-9	–	–	27.0	0.0	27	46	GV5-9	–	–	27.1	0.4	28	47

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 14 - Nov 20, 2011						Week of:	Nov 28 -Dec 04, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	19.6	1.5	27	52	EW-1	--	--	24.1	0.6	27	48
EW-2	--	--	3.0	10.1	11	76	EW-2	--	--	0.1	9.3	11	80
EW-3	--	--	17.7	2.6	21	59	EW-3	--	--	21.9	1.5	23	54
EW-4	--	--	30.9	1.0	28	40	EW-4	--	--	37.2	0.0	31	32
EW-5	--	--	42.5	0.0	32	26	EW-5	--	--	47.5	0.0	32	21
EW-6	--	--	27.0	0.0	28	45	EW-6	--	--	43.1	0.0	32	25
EW-7	--	--	26.3	0.0	27	47	EW-7	--	--	38.2	0.0	32	32
EW-8	--	--	33.5	0.0	31	36	EW-8	--	--	28.3	0.0	29	43
EW-9	--	--	39.6	0.0	32	28	EW-9	--	--	35.1	0.0	31	34
EW-10	--	--	2.2	2.0	11	85	EW-10	--	--	5.4	0.7	12	82
EW-11	--	--	0.5	18.1	0.9	81	EW-11	--	--	0.7	19.4	1.1	79
EW-12	--	--	0.0	16.6	2.2	81	EW-12	--	--	4.4	4.0	13	79
SW1	--	--	32.0	0.0	28	40	SW1	--	--	40.8	0.0	31	28
SW2	--	--	24.8	0.0	24	51	SW2	--	--	40.7	0.0	32	27
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	25.1	0.6	28	46	NW1	--	--	12.4	0.0	27	61
NW2	--	--	52.2	0.0	36	12	NW2	--	--	48.5	0.0	39	13
NW3	--	--	47.7	0.0	35	17	NW3	--	--	50.5	0.0	39	11
NW4	--	--	1.0	18.6	1.5	79	NW4	--	--	20.3	0.0	25	55
NW5	--	--	52.3	0.1	36	12	NW5	--	--	16.1	1.1	27	57
NW6	--	--	51.6	0.2	35	13	NW6	--	--	35.2	0.0	37	28
NW7	--	--	65.6	0.7	39	0	NW7	--	--	64.8	0.0	40	0
NW8	--	--	2.2	17.1	4.3	76	NW8	--	--	25.2	0.0	28	47
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 12/23/2011

Subject: LFG Monitoring Summary - Week of 12/12/11 - 12/18/11

Summary: All CPs remained in compliance this two week period.
There were four (4) flare flame failures this week due to low methane or other issues.
Flare operating cycles were 240 to 600 mins ON and 240 to 360 mins OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed December 15 & 17, 2011 with temps of 61 to 54°F and 32 to 34°F respectively, and cloudy conditions.
Vacuum readings were last taken on October 31, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
12/12/2011	--	--	--	--	--	--	6:00	9:30#	3.5
12/13/2011	6:00	8:00	--	--	2:00	6:00#	--	--	6.0
12/14/2011	--	--	--	--	--	--	4:30*	8:30	4.0
12/15/2011	3:30	7:30	--	--	12:30	3:00#	--	--	6.5
12/16/2011	--	--	--	--	--	--	--	--	0.0
12/17/2011	--	--	10:00*	--	--	2:00	2:30	3:30#	5.0
12/18/2011	--	--	11:30	--	--	--	--	9:30	10.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
12/12/2011	--	--	--	--	--
12/13/2011	--	--	--	--	--
12/14/2011	--	--	--	--	--
12/15/2011	TGP/GP, GV1, NW SW	1:00 - 4:00P	0.0	29.81 - 29.89	R
12/16/2011	--	--	--	--	--
12/17/2011	TGP/GP, EW/SW, GV1b-2	12:00 - 3:00P	0.0	30.32 - 30.27	F
12/18/2011	CPs 1-5, GV3-5	1:00 - 4:30P	0.0	30.27 - 29.80	R

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	12-Dec		13-Dec		14-Dec		15-Dec		16-Dec		17-Dec		18-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.1
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	9.5
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.5
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.4
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.7
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP1b-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP1b-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP1b-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
TGP1b-E	--	--	--	--	--	--	--	--	--	--	--	--	0.0	10.0
TGP1b-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	6.2
TGP1b-F	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.8
TGP1b-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP1b-G	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP1b-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP1b-H	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
TGP1b-D	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
GP-03	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-02	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
GP-04	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-03	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
CP2-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP2-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
CP2-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
CP2-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.8
CP-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
CP2-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP2-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-06	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-East	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
TGP-Dads	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP3-1RR	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP3-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
CP3-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
CP3-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
CP3-7R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP3-8R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
CP3-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP3-10R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP3-12R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP3-13R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
CP3-14R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP3-15R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
TGP-89	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.4
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.8
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.9
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.5
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	12-Dec		13-Dec		14-Dec		15-Dec		16-Dec		17-Dec		18-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	10.1	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	13.8	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	13.5	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	8.9	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	13.2	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-69	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	11.2	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	15.7	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	8.2	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	14.7	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 28 -Dec 04, 2011						Week of:	Dec 12 -Dec 18, 2011					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	38	6.5	17.1	6.3	70	GV1-1	–	40	3.9	3.2	7.6	85
GV1-2	–	44	32.3	0.7	33	34	GV1-2	–	40	34.6	0.1	32	33
GV1-3	–	44	4.0	17.2	4.2	75	GV1-3	–	34	1.5	16.1	1.5	81
GV1-4	–	50	34.3	1.5	32	32	GV1-4	–	38	1.4	17.6	1.3	80
GV1-5	–	54	29.8	0.0	29	41	GV1-5	–	40	53.7	0.0	30	16
GV1-6	–	50	1.1	17.1	1.8	80	GV1-6	–	44	0.0	18.8	0.2	81
GV1-7	–	44	0.7	19.3	1.1	79	GV1-7	–	38	0.5	19.0	1.0	80
GV1-8	–	50	7.6	2.6	16	74	GV1-8	–	38	0.4	17.7	1.1	81
GV1-9	–	50	6.6	0.4	20	73	GV1-9	–	36	0.0	19.9	0.1	80
GV1-10X	–	56	3.2	6.8	12	78	**GV1-10X**	–	34	0.9	18.6	2.3	78
GV1-11	–	48	25.4	0.1	28	47	GV1-11	–	38	2.4	17.7	3.0	77
GV1-12	–	76	4.8	0.8	16	78	GV1-12	–	74	0.3	18.5	1.7	80
GV1-13	–	44	1.4	0.9	14	84	GV1-13	–	38	0.3	19.3	1.4	79
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	50	1.2	16.1	2.8	80	GV1b-1	–	50	0.6	17.6	2.4	79
GV1b-2	–	40	15.2	6.1	14.5	84	GV1b-2	–	44	5.6	14.5	6.5	73
GV1b-3	–	50	0.4	18.5	1.1	80	GV1b-3	–	62	6.6	13.1	8.1	72
GV1b-4	–	50	3.8	13.0	7.9	75	GV1b-4	–	50	2.8	11.7	8.2	77
GV1b-5	–	–	2.8	15.6	13	68	GV1b-5	–	–	1.5	7.9	11	80
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	68	3.7	15.6	9.0	72	GV2-1	–	54	10.0	3.4	20	67
GV2-2	–	54	0.6	11.9	10	78	GV2-2	–	60	2.7	2.4	19	76
GV2-3	–	50	0.9	8.1	14	77	GV2-3	–	80	1.9	1.9	20	77
GV2-4	–	82	7.3	6.2	15	72	GV2-4	–	80	6.9	4.0	16	73
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	55.2	0.5	35	9	GV3-1	–	–	64.1	0.0	36	0
GV3-2	–	–	54.6	0.0	31	14	GV3-2	–	–	60.0	0.4	33	7
GV3-3	–	–	0.3	18.6	0.8	80	GV3-3	–	–	0.3	18.1	1.2	80
GV3-4	–	50	2.7	11.5	9.0	77	GV3-4	–	54	1.9	10.7	9.4	78
GV3-5	–	–	0.4	5.9	15	79	GV3-5	–	–	7.2	5.7	13	74
GV3-6	–	–	7.3	1.3	18	73	GV3-6	–	–	5.9	1.2	17	76
GV3-7	–	–	4.0	2.6	14	79	GV3-7	–	–	2.9	6.3	16	75
GV3-8	–	–	2.0	1.6	16	80	GV3-8	–	–	0.6	2.2	15	82
GV3-9	–	–	13.7	3.8	15	68	GV3-9	–	–	12.5	3.5	15	69
GV3-10 X	–	–	3.6	0.9	15	81	**GV3-10 X**	–	–	3.0	1.9	14	81
GV3-11	–	–	13.9	0.3	18	68	GV3-11	–	–	3.4	1.9	15	80
GV3-12	–	–	15.0	0.1	19	66	GV3-12	–	–	14.1	0.8	20	65
GV3-13	–	–	8.4	0.1	18	74	GV3-13	–	–	17.1	0.4	20	63
GV3-14	–	–	35.5	0.0	26	39	GV3-14	–	–	30.8	1.6	25	43
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	60	2.5	2.6	16	79	GV4-C	–	60	2.7	1.7	19	77
GV4-B	–	–	1.8	1.1	18	79	GV4-B	–	–	1.8	1.3	18	79
GV4-A	–	–	2.0	14.1	4.6	79	GV4-A	–	–	0.5	18.6	1.5	79
GV4-1	–	–	16.7	3.6	20	60	GV4-1	–	–	11.6	13.1	12	63
GV4-2	–	–	18.4	5.6	19	57	GV4-2	–	–	27.2	4.8	23	45
GV4-3	–	–	3.4	9.7	10	77	GV4-3	–	–	8.7	10.7	11	70
GV4-4 X	–	–	0.1	19.4	6.0	75	**GV4-4 X**	–	–	0.0	18.9	0.2	81
GV4-5	–	–	22.2	0.9	26	51	GV4-5	–	–	24.5	1.1	16	58
GV4-6	–	–	3.5	10.1	11	75	GV4-6	–	–	8.9	6.6	14	71
GV4-7	–	–	24.3	2.3	25	48	GV4-7	–	–	33.2	0.0	29	38
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	78	43.9	0.2	27	29	GV5-1	–	78	46.8	0.0	33	20
GV5-2	–	–	41.5	0.5	26	32	GV5-2	–	–	38.0	0.0	27	35
GV5-3	–	–	46.5	0.0	29	25	GV5-3	–	–	44.4	0.0	32	24
GV5-4	–	–	43.5	0.0	26	31	GV5-4	–	–	37.1	0.0	28	37
GV5-5	–	–	40.0	0.0	28	32	GV5-5	–	–	44.7	0.0	35	20
GV5-6	–	–	43.1	0.0	28	29	GV5-6	–	–	48.3	0.0	34	18
GV5-7	–	–	37.2	0.0	29	34	GV5-7	–	–	39.9	0.0	32	28
GV5-8	–	–	14.2	1.5	24	60	GV5-8	–	–	27.3	0.1	25	48
GV5-9	–	–	27.1	0.4	26	47	GV5-9	–	–	34.7	0.0	29	36

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 28 -Dec 04, 2011						Week of:	Dec 12 -Dec 18, 2011					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	24.1	0.6	27	48	EW-1	--	--	31.2	2.2	24	43
EW-2	--	--	0.1	9.3	11	80	EW-2	--	--	0.0	18.8	7.2	74
EW-3	--	--	21.9	1.5	23	54	EW-3	--	--	17.8	5.1	20	57
EW-4	--	--	37.2	0.0	31	32	EW-4	--	--	30.3	0.0	26	44
EW-5	--	--	47.5	0.0	32	21	EW-5	--	--	40.1	0.0	31	29
EW-6	--	--	43.1	0.0	32	25	EW-6	--	--	28.9	0.0	28	45
EW-7	--	--	36.2	0.0	32	32	EW-7	--	--	26.4	0.0	27	47
EW-8	--	--	28.3	0.0	29	43	EW-8	--	--	30.5	0.0	28	42
EW-9	--	--	35.1	0.0	31	34	EW-9	--	--	30.1	0.0	31	39
EW-10	--	--	5.4	0.7	12	82	EW-10	--	--	6.0	0.0	14	80
EW-11	--	--	0.7	19.4	1.1	79	EW-11	--	--	0.1	19.7	0.4	80
EW-12	--	--	4.4	4.0	13	79	EW-12	--	--	2.5	14.2	6.5	77
SW1	--	--	40.6	0.0	31	28	SW1	--	--	36.2	0.0	32	32
SW2	--	--	40.7	0.0	32	27	SW2	--	--	38.0	0.0	32	30
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	12.4	0.0	27	61	NW1	--	--	13.4	7.6	12	67
NW2	--	--	48.5	0.0	39	13	NW2	--	--	44.6	0.0	36	19
NW3	--	--	50.5	0.0	39	11	NW3	--	--	48.3	0.0	36	16
NW4	--	--	20.3	0.0	25	55	NW4	--	--	25.4	0.0	22	53
NW5	--	--	15.1	1.1	27	57	NW5	--	--	16.7	0.0	21	62
NW6	--	--	35.2	0.0	37	28	NW6	--	--	37.4	0.0	35	28
NW7	--	--	64.8	0.0	40	0	NW7	--	--	70.1	0.0	36	0
NW8	--	--	25.2	0.0	28	47	NW8	--	--	18.6	0.0	22	59
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	2.90	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

February 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #204 – January 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for January 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #204 – January 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- On January 25, 2012 the first quarter 2012 combustible gas indicator (CGI) checks were successfully performed; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of January 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (February 2012)

- Develop Monthly Progress Report #204 summarizing activities in January 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (February 2012)

- February 10 - Anticipated submittal of the January 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	01/10	U.S. EPA	Monthly Progress Report for the Month of December 2011.

PAPER

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/16/2012

Subject: LFG Monitoring Summary - Week of 12/26/11 - 01/01/12

Summary: All CPs remained in compliance this two week period.
There were five (5) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 to 720 mins. ON and 240 to 720 mins OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed December 29 & 31, 2011 with temps of 43 to 50°F and 42 to 44°F, respectively, and cloudy conditions.
Vacuum readings were last taken on December 29, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
12/26/2011	--	--	11:00	--	--	6:00	--	--	7.0
12/27/2011	--	--	6:00	--	--	6:00	--	--	12.0
12/28/2011	--	--	6:00	--	--	4:30#	--	--	10.5
12/29/2011	--	--	9:00	--	--	6:00	--	--	9.0
12/30/2011	--	--	9:00#	--	1:00	1:30#	6:00	6:30#	1.0
12/31/2011	--	--	--	--	3:00	7:00	11:00	12:00	5.0
1/1/2012	0:00#	--	--	--	--	--	--	--	0.0
								Total Hrs. =	44.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
12/26/2011	--	--	--	--	--
12/27/2011	--	--	--	--	--
12/28/2011	--	--	--	--	--
12/29/2011	CPs 1-2, TGP/GPs, GV 1-5, SW	12:00 - 5:00P	0.0	29.80 - 29.69	F
12/30/2011	--	--	--	--	--
12/31/2011	CPs3-5, TGP/GP, S&EW	12:00 - 3:00P	0.0	30.07 - 30.06	F
1/1/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	26-Dec		27-Dec		28-Dec		29-Dec		30-Dec		31-Dec		1-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	12.8	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	9.9	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	11.2	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	14.5	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	6.7	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	5.5	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	11.6	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	16.7	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	17.7	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	12.9	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	26-Dec		27-Dec		28-Dec		29-Dec		30-Dec		31-Dec		1-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	14.5	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	12.8	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	8.9	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-69	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	17.5	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	11.5	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	12.8	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	13.4	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.7	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume .
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 12 -Dec 18, 2011						Week of:	Dec 26, 2011 -Jan 01, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	-3.70	–	–	–	–	–
GV1-1	–	40	3.9	3.2	7.6	85	GV1-1	–	38	5.4	1.3	20	73
GV1-2	–	40	34.6	0.1	32	33	GV1-2	–	34	18.9	3.5	20	58
GV1-3	–	34	1.5	16.1	1.5	81	GV1-3	–	32	2.6	5.0	16	76
GV1-4	–	38	1.4	17.6	1.3	80	GV1-4	–	32	2.6	5.1	16	76
GV1-5	–	40	53.7	0.0	30	16	GV1-5	–	32	19.3	0.5	25	55
GV1-6	–	44	0.0	18.8	0.2	81	GV1-6	–	40	1.4	4.3	15	79
GV1-7	–	38	0.5	19.0	1.0	80	GV1-7	–	32	0.0	17.1	0.5	82
GV1-8	–	38	0.4	17.7	1.1	81	GV1-8	–	36	2.6	3.5	11	83
GV1-9	–	36	0.0	19.9	0.1	80	GV1-9	–	40	0.3	6.0	14	80
GV1-10X	–	34	0.9	18.6	2.3	78	**GV1-10X**	–	34	3.4	3.3	19	74
GV1-11	–	38	2.4	17.7	3.0	77	GV1-11	–	34	0.4	16.7	1.4	82
GV1-12	–	74	0.3	18.5	1.7	80	GV1-12	–	78	9.9	1.0	20	69
GV1-13	–	36	0.3	19.3	1.4	79	GV1-13	–	32	3.0	0.8	16	80
LEG 1b	–	–	–	–	–	–	**LEG 1b**	-2.50	–	–	–	–	–
GV1b-1	–	50	0.6	17.6	2.4	79	GV1b-1	–	36	1.4	17.1	3.1	78
GV1b-2	–	44	5.6	14.5	6.5	73	GV1b-2	–	34	8.7	9.4	12	70
GV1b-3	–	62	6.6	13.1	8.1	72	GV1b-3	–	38	7.8	11.2	10	71
GV1b-4	–	50	2.8	11.7	8.2	77	GV1b-4	–	34	1.8	11.3	7.1	80
GV1b-5	–	–	1.5	7.9	11	80	GV1b-5	–	–	1.3	8.6	8.7	81
LEG 2	–	–	–	–	–	–	**LEG 2**	-0.40	56	–	–	–	–
GV2-1	–	54	10.0	3.4	20	67	GV2-1	–	58	1.3	15.6	3.8	79
GV2-2	–	60	2.7	2.4	19	76	GV2-2	–	58	0.0	17.7	2.8	80
GV2-3	–	80	1.9	1.9	20	77	GV2-3	–	60	0.0	17.0	6.0	77
GV2-4	–	80	6.9	4.0	16	73	GV2-4	–	80	2.8	13.4	8.9	75
LEG 3	–	–	–	–	–	–	**LEG 3**	-0.50	–	–	–	–	–
GV3-1	–	–	64.1	0.0	36	0	GV3-1	–	–	40.5	1.7	26	32
GV3-2	–	–	60.0	0.4	33	7	GV3-2	–	–	26.2	7.1	15	52
GV3-3	–	–	0.3	18.1	1.2	80	GV3-3	–	–	0.0	17.2	0.2	83
GV3-4	–	54	1.9	10.7	9.4	78	GV3-4	–	40	0.0	19.1	0.2	81
GV3-5	–	–	7.2	5.7	13	74	GV3-5	–	–	0.0	19.2	0.3	81
GV3-6	–	–	5.9	1.2	17	76	GV3-6	–	–	0.0	20.1	0.2	80
GV3-7	–	–	2.9	8.3	16	75	GV3-7	–	–	0.0	19.9	0.4	80
GV3-8	–	–	0.6	2.2	15	82	GV3-8	–	–	0.0	20.1	0.3	80
GV3-9	–	–	12.5	3.5	15	69	GV3-9	–	–	0.0	20.3	0.2	80
GV3-10 X	–	–	3.0	1.9	14	81	**GV3-10 X**	–	–	0.0	19.2	0.5	80
GV3-11	–	–	3.4	1.9	15	80	GV3-11	–	–	0.3	18.7	1.1	80
GV3-12	–	–	14.1	0.6	20	65	GV3-12	–	–	0.7	17.4	1.3	81
GV3-13	–	–	17.1	0.4	20	63	GV3-13	–	–	0.2	18.3	0.9	81
GV3-14	–	–	30.8	1.6	25	43	GV3-14	–	–	9.1	6.8	5.3	79
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	-0.60	–	–	–	–	–
GV4-C	–	60	2.4	5.6	15	77	GV4-C	–	40	2.4	5.6	15	77
GV4-B	–	–	0.9	9.9	18	71	GV4-B	–	–	0.9	9.9	8.6	81
GV4-A	–	–	0.0	15.1	8.6	76	GV4-A	–	–	0.0	15.1	0.9	84
GV4-1	–	–	0.9	17.9	1	80	GV4-1	–	–	0.9	17.9	1.6	80
GV4-2	–	–	26.6	5.7	23	45	GV4-2	–	–	26.6	5.7	21	47
GV4-3	–	–	5.6	8.7	11	75	GV4-3	–	–	5.6	8.7	13	73
GV4-4 X	–	–	3.6	11.3	0.2	85	**GV4-4 X**	–	–	3.6	11.3	8.6	77
GV4-5	–	–	17.6	2.4	16	64	GV4-5	–	–	17.6	2.4	23	57
GV4-6	–	–	3.1	9.9	14	73	GV4-6	–	–	3.1	9.9	11	76
GV4-7	–	–	23.3	1.1	29	47	GV4-7	–	–	23.3	1.1	30	46
LEG 5	–	–	–	–	–	–	**LEG 5**	-0.80	–	–	–	–	–
GV5-1	–	78	46.8	0.0	33	20	GV5-1	–	78	16.7	3.1	25	55
GV5-2	–	–	38.0	0.0	27	35	GV5-2	–	–	55.2	0.8	39	5
GV5-3	–	–	44.4	0.0	32	24	GV5-3	–	–	19.4	2.4	26	52
GV5-4	–	–	37.1	0.0	26	37	GV5-4	–	–	6.8	7.0	19	67
GV5-5	–	–	44.7	0.0	35	20	GV5-5	–	–	27.4	2.0	35	36
GV5-6	–	–	48.3	0.0	34	18	GV5-6	–	–	4.6	1.0	30	64
GV5-7	–	–	39.9	0.0	32	28	GV5-7	–	–	28.4	0.0	35	37
GV5-8	–	–	27.3	0.1	25	48	GV5-8	–	–	25.9	0.2	32	42
GV5-9	–	–	34.7	0.0	29	36	GV5-9	–	–	36.0	0.0	35	29

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 12 -Dec 18, 2011						Week of:	Dec 26, 2011 -Jan 01, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	31.2	2.2	24	43	EW-1	--	-1.50	27.6	3.4	22	47
EW-2	--	--	0.0	18.8	7.2	74	EW-2	--	-1.20	0.0	14.7	5.8	80
EW-3	--	--	17.8	5.1	20	57	EW-3	--	-0.70	11.5	6.3	16	66
EW-4	--	--	30.3	0.0	26	44	EW-4	--	--	14.1	1.3	20	65
EW-5	--	--	40.1	0.0	31	29	EW-5	--	--	32.3	0.0	25	43
EW-6	--	--	26.9	0.0	28	45	EW-6	--	--	28.0	0.0	25	47
EW-7	--	--	26.4	0.0	27	47	EW-7	--	--	23.3	0.0	24	53
EW-8	--	--	30.5	0.0	28	42	EW-8	--	--	27.6	0.0	24	48
EW-9	--	--	30.1	0.0	31	39	EW-9	--	--	33.3	0.0	28	41
EW-10	--	--	6.0	0.0	14	80	EW-10	--	-1.00	3.1	3.7	15	78
EW-11	--	--	0.1	19.7	0.4	80	EW-11	--	-1.60	0.0	19.7	0.4	80
EW-12	--	--	2.5	14.2	6.5	77	EW-12	--	-1.30	1.1	12.8	5.6	81
SW1	--	--	36.2	0.0	32	32	SW1	--	--	32.1	0.0	28	42
SW2	--	--	38.0	0.0	32	30	SW2	--	--	35.9	0.0	29	35
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	13.4	7.6	12	67	NW1	--	--	6.2	1.7	18	74
NW2	--	--	44.6	0.0	36	19	NW2	--	--	33.4	0.0	27	40
NW3	--	--	48.3	0.0	36	16	NW3	--	--	36.2	0.0	27	37
NW4	--	--	25.4	0.0	22	53	NW4	--	--	17.2	0.0	19	64
NW5	--	--	16.7	0.0	21	62	NW5	--	--	7.1	0.4	19	74
NW6	--	--	37.4	0.0	35	28	NW6	--	--	21.7	0.0	26	52
NW7	--	--	70.1	0.0	36	0	NW7	--	--	58.1	0.0	29	13
NW8	--	--	18.6	0.0	22	59	NW8	--	--	13.1	0.0	17	70
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	2.90	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/19/2012

Subject: LFG Monitoring Summary - Week of 01/09/12 - 01/15/12

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to 480 mins. ON and 360 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 14, 2012 with temps of 20°F to 25°F and mostly cloudy conditions.
Vacuum readings were last taken on December 29, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/9/2012	--	--	--	--	1:30*	--	--	7:30	6.0
1/10/2012	1:30	--	--	7:30	1:30@	--	--	7:30	12.0
1/11/2012	1:30	--	--	7:30	1:30*	--	--	7:30	12.0
1/12/2012	1:30	--	--	7:30	1:30@	--	--	6:00#	10.5
1/13/2012	--	--	9:00	10:00#	--	--	--	--	1.0
1/14/2012	--	--	--	--	1:30*	--	--	7:30	6.0
1/15/2012	--	--	11:00	--	--	6:30#	--	--	7.5
								Total Hrs. =	55.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/9/2012	--	--	--	--	--
1/10/2012	--	--	--	--	--
1/11/2012	--	--	--	--	--
1/12/2012	CPs, TGP/GP	1:00 - 5:00P	0.0	29.80 - 29.69	F
1/13/2012	--	--	--	--	--
1/14/2012	GVs, S&EWs, TGP/GPs	1:00 - 4:00P	0.0	30.16 - 30.13	F
1/15/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	9-Jan		10-Jan		11-Jan		12-Jan		13-Jan		14-Jan		15-Jan	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	14.9	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	18.5	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	9.4	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP-08	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	2.4	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	18.5	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	14.6	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	9-Jan		10-Jan		11-Jan		12-Jan		13-Jan		14-Jan		15-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	14.0	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	10.5	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-89	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	13.5	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	8.1	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 26, 2011 -Jan 01, 2012						Week of:	Jan 09 to Jan 15, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-3.70	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	38	5.4	1.3	20	73	GV1-1	--	38	1.7	4.2	19	75
GV1-2	--	34	16.9	3.5	20	58	GV1-2	--	38	18.1	0.5	28	53
GV1-3	--	32	2.6	5.0	16	76	GV1-3	--	34	24.5	0.0	31	45
GV1-4	--	32	2.6	5.1	16	76	GV1-4	--	34	16.4	1.4	25	57
GV1-5	--	32	19.3	0.5	25	55	GV1-5	--	40	21.6	0.0	31	47
GV1-6	--	40	1.4	4.3	15	79	GV1-6	--	40	18.1	0.0	29	53
GV1-7	--	32	0.0	17.1	0.5	82	GV1-7	--	34	3.1	12.4	8.5	76
GV1-8	--	38	2.6	3.5	11	83	GV1-8	--	40	6.6	1.1	25	67
GV1-9	--	40	0.3	6.0	14	80	GV1-9	--	40	19.0	1.5	21	58
GV1-10X	--	34	3.4	3.3	19	74	**GV1-10X**	--	40	6.2	0.0	24	70
GV1-11	--	34	0.4	16.7	1.4	82	GV1-11	--	38	6.4	0.0	25	69
GV1-12	--	78	9.9	1.0	20	69	GV1-12	--	78	11.8	0.0	24	64
GV1-13	--	32	3.0	0.9	16	80	GV1-13	--	38	5.8	0.0	24	70
LEG 1b	-2.50	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	36	1.4	17.1	3.1	78	GV1b-1	--	40	1.1	16.3	3.5	79
GV1b-2	--	34	8.7	9.4	12	70	GV1b-2	--	32	2.2	10.4	11	76
GV1b-3	--	38	7.8	11.2	10	71	GV1b-3	--	34	8.2	11.7	10	70
GV1b-4	--	34	1.8	11.3	7.1	80	GV1b-4	--	40	2.2	11.2	7.7	79
GV1b-5	--	--	1.3	8.6	8.7	81	GV1b-5	--	--	1.8	3.0	17.0	78
LEG 2	-0.40	56	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	58	1.3	15.6	3.8	79	GV2-1	--	58	1.5	15.8	4.0	79
GV2-2	--	58	0.0	17.7	2.8	80	GV2-2	--	58	0.2	18.3	2.5	79
GV2-3	--	60	0.0	17.0	6.0	77	GV2-3	--	60	0.1	16.8	4.9	78
GV2-4	--	80	2.8	13.4	8.9	75	GV2-4	--	60	2.4	13.4	8.5	76
LEG 3	-0.50	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	40.5	1.7	26	32	GV3-1	--	--	49.2	0.9	30	20
GV3-2	--	--	26.2	7.1	15	52	GV3-2	--	--	56.7	0.1	31	12
GV3-3	--	--	0.0	17.2	0.2	83	GV3-3	--	--	26.1	4.1	19	51
GV3-4	--	40	0.0	19.1	0.2	81	GV3-4	--	38	15.7	7.6	12	65
GV3-5	--	--	0.0	19.2	0.3	81	GV3-5	--	--	14.7	10.3	11	64
GV3-6	--	--	0.0	20.1	0.2	80	GV3-6	--	--	5.1	13.1	5.4	76
GV3-7	--	--	0.0	19.9	0.4	80	GV3-7	--	--	0.6	18.1	1.7	80
GV3-8	--	--	0.0	20.1	0.3	80	GV3-8	--	--	7.6	13.0	7.4	72
GV3-9	--	--	0.0	20.3	0.2	80	GV3-9	--	--	2.4	13.8	3.8	80
GV3-10 X	--	--	0.0	19.2	0.5	80	**GV3-10 X**	--	--	1.8	15.1	4.1	79
GV3-11	--	--	0.3	18.7	1.1	80	GV3-11	--	--	1.1	15.8	4.0	79
GV3-12	--	--	0.7	17.4	1.3	81	GV3-12	--	--	2.0	15.1	5.1	78
GV3-13	--	--	0.2	18.3	0.9	81	GV3-13	--	--	1.7	14.8	4.5	79
GV3-14	--	--	9.1	6.8	5.3	79	GV3-14	--	--	34.0	3.4	24.6	38
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.60	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	40	2.4	5.6	15	77	GV4-C	--	68	0.6	13.5	6.0	80
GV4-B	--	--	0.9	9.9	8.6	81	GV4-B	--	--	0.8	14.2	5.8	79
GV4-A	--	--	0.0	15.1	0.9	84	GV4-A	--	--	0.0	17.9	0.4	82
GV4-1	--	--	0.9	17.9	1.6	80	GV4-1	--	--	0.0	18.1	1.9	80
GV4-2	--	--	26.6	5.7	21	47	GV4-2	--	--	18.3	11.2	14	57
GV4-3	--	--	5.8	8.7	13	73	GV4-3	--	--	1.1	14.1	5.7	79
GV4-4 X	--	--	3.6	11.3	8.6	77	**GV4-4 X**	--	--	0.9	14.2	5.5	79
GV4-5	--	--	17.6	2.4	23	57	GV4-5	--	--	5.5	12.0	6.7	76
GV4-6	--	--	3.1	9.9	11	76	GV4-6	--	--	0.2	16.8	2.3	81
GV4-7	--	--	23.3	1.1	30	46	GV4-7	--	--	2.1	18.2	2.5	77
LEG 5	-0.80	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	78	16.7	3.1	25	55	GV5-1	--	78	12.3	4.3	17	66
GV5-2	--	--	55.2	0.8	39	5	GV5-2	--	--	32.8	0.0	32	35
GV5-3	--	--	19.4	2.4	26	52	GV5-3	--	--	17.7	0.1	18	64
GV5-4	--	--	6.8	7.0	19	67	GV5-4	--	--	2.5	13.9	7.0	77
GV5-5	--	--	27.4	2.0	35	36	GV5-5	--	--	17.9	8.0	19	55
GV5-6	--	--	4.6	1.0	30	64	GV5-6	--	--	0.1	13.0	8.2	79
GV5-7	--	--	28.4	0.0	35	37	GV5-7	--	--	13.3	9.5	18	81
GV5-8	--	--	25.9	0.2	32	42	GV5-8	--	--	2.8	14.3	6.5	77
GV5-9	--	--	36.0	0.0	35	29	GV5-9	--	--	0.5	16.3	3.4	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 26, 2011 -Jan 01, 2012						Week of:	Jan 09 to Jan 15, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	-1.50	27.6	3.4	22	47	EW-1	--	--	13.4	4.1	9	74
EW-2	--	-1.20	0.0	14.7	5.8	80	EW-2	--	--	0.0	15.2	5.9	79
EW-3	--	-0.70	11.5	6.3	16	66	EW-3	--	--	12.3	0.2	20	68
EW-4	--	--	14.1	1.3	20	65	EW-4	--	--	18.1	1.7	25	55
EW-5	--	--	32.3	0.0	25	43	EW-5	--	--	40.1	0.0	36	24
EW-6	--	--	28.0	0.0	25	47	EW-6	--	--	31.5	0.0	32	37
EW-7	--	--	23.3	0.0	24	53	EW-7	--	--	29.1	0.0	32	39
EW-8	--	--	27.6	0.0	24	48	EW-8	--	--	32.7	0.0	33	34
EW-9	--	--	33.3	0.0	26	41	EW-9	--	--	40.8	0.0	35	24
EW-10	--	-1.00	3.1	3.7	15	78	EW-10	--	--	1.4	15.7	4	79
EW-11	--	-1.50	0.0	19.7	0.4	80	EW-11	--	--	0.1	20.0	0.5	79
EW-12	--	-1.30	1.1	12.8	5.6	81	EW-12	--	--	1.1	15.8	6.3	78
SW1	--	--	32.1	0.0	26	42	SW1	--	--	42.5	0.0	37	21
SW2	--	--	35.9	0.0	29	35	SW2	--	--	53.1	0.0	43	4
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	6.2	1.7	18	74	NW1	--	--	11.4	0.0	26	63
NW2	--	--	33.4	0.0	27	40	NW2	--	--	41.3	0.0	37	22
NW3	--	--	36.2	0.0	27	37	NW3	--	--	24.5	0.0	37	39
NW4	--	--	17.2	0.0	19	64	NW4	--	--	19.1	0.0	25	56
NW5	--	--	7.1	0.4	19	74	NW5	--	--	10.2	0.0	21	69
NW6	--	--	21.7	0.0	26	52	NW6	--	--	74.8	0.0	42	0
NW7	--	--	58.1	0.0	29	13	NW7	--	--	35.6	0.0	40	24
NW8	--	--	13.1	0.0	17	70	NW8	--	--	12.6	0.0	28	61
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/29/2012

Subject: LFG Monitoring Summary - Week of 01/23/12 - 01/29/12

Summary: All CPs remained in compliance this two week period.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 120 to 360 mins. ON and 240 to 360 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 29, 2012 with temps of 37°F to 41°F and scattered clouds.
Vacuum readings were last taken on December 29, 2011.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/23/2012	--	--	9:30*	--	--	3:30	9:30#	--	6.0
1/24/2012	--	--	9:30@	10:00#	2:00	3:00#	--	--	1.5
1/25/2012	--	--	10:30*	11:00#	2:30	4:30	10:30	12:00	4.0
1/26/2012	0:00	4:30	7:00	--	--	1:00	7:00@	12:00	15.5
1/27/2012	0:00	1:00	7:00#	--	3:00*	--	--	9:00	7.0
1/28/2012	3:00	--	8:30#	--	--	--	--	--	5.5
1/29/2012	--	--	11:00*	--	--	4:30	--	--	5.5
								Total Hrs. =	45.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/23/2012	--	--	--	--	--
1/24/2012	--	--	--	--	--
1/25/2012	--	--	--	--	--
1/26/2012	CPs, TGP/GP	12:30 - 5:00P	0.0	29.76 - 29.66	F
1/27/2012	--	--	--	--	--
1/28/2012	--	--	--	--	--
1/29/2012	GVs, S&EWs	11:00A - 1:30P	--	30.12 - 30.05	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE *EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR* COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-Jan		24-Jan		25-Jan		26-Jan		27-Jan		28-Jan		29-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	16.5	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	14.2	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	14.9	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	18.5	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	13.9	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	12.6	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	14.3	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	14.5	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-Jan		24-Jan		25-Jan		26-Jan		27-Jan		28-Jan		29-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	12.1	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	13.3	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	14.7	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	11.4	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	15.7	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	4.8	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	11.3	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--

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(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 09 to Jan 15, 2012						Week of:	Jan 23 to Jan 29, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	38	1.7	4.2	19	75	GV1-1	–	36	6.9	4.5	24	65
GV1-2	–	38	18.1	0.5	28	53	GV1-2	–	38	38.2	0.0	43	19
GV1-3	–	34	24.5	0.0	31	45	GV1-3	–	34	8.4	1.0	24	67
GV1-4	–	34	16.4	1.4	25	57	GV1-4	–	36	35.5	0.0	26	39
GV1-5	–	40	21.6	0.0	31	47	GV1-5	–	40	25.6	0.0	24	50
GV1-6	–	40	18.1	0.0	29	53	GV1-6	–	40	28.6	0.0	26	45
GV1-7	–	34	3.1	12.4	8.5	76	GV1-7	–	38	3.4	5.9	10	81
GV1-8	–	40	6.6	1.1	25	67	GV1-8	–	34	1.1	5.2	24	70
GV1-9	–	40	19.0	1.5	21	59	GV1-9	–	40	0.9	2.1	22	75
GV1-10X	–	40	6.2	0.0	24	70	**GV1-10X**	–	38	5.8	0.8	27	66
GV1-11	–	38	6.4	0.0	25	69	GV1-11	–	36	0.0	14.1	3.7	82
GV1-12	–	78	11.8	0.0	24	64	GV1-12	–	78	3.8	2.5	22	72
GV1-13	–	38	5.8	0.0	24	70	GV1-13	–	36	1.3	0.7	17	81
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	40	1.1	16.3	3.5	79	GV1b-1	–	42	0.3	16.1	2.2	81
GV1b-2	–	32	2.2	10.4	11	76	GV1b-2	–	32	1.7	16.6	4.7	77
GV1b-3	–	34	8.2	11.7	10	70	GV1b-3	–	34	2.8	14.0	4.6	79
GV1b-4	–	40	2.2	11.2	7.7	79	GV1b-4	–	32	0.3	13.9	6.0	80
GV1b-5	–	–	1.6	3.0	17.0	78	GV1b-5	–	–	1.2	9.3	11	79
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	58	1.5	15.8	4.0	79	GV2-1	–	44	10.2	10.5	11	68
GV2-2	–	58	0.2	18.3	2.5	79	GV2-2	–	44	11.0	11.1	11	67
GV2-3	–	60	0.1	16.8	4.9	78	GV2-3	–	48	11.1	11.3	11	67
GV2-4	–	60	2.4	13.4	8.5	76	GV2-4	–	64	15.1	9.6	10	65
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	49.2	0.9	30	20	GV3-1	–	–	61.4	0.0	38	1
GV3-2	–	–	56.7	0.1	31	12	GV3-2	–	–	82.6	0.0	40	0
GV3-3	–	–	26.1	4.1	19	51	GV3-3	–	–	39.1	2.9	28	30
GV3-4	–	38	15.7	7.6	12	65	GV3-4	–	38	41.1	1.2	31	27
GV3-5	–	–	14.7	10.3	11	64	GV3-5	–	–	25.1	1.5	22	51
GV3-6	–	–	5.1	13.1	5.4	76	GV3-6	–	–	23.1	1.8	18	57
GV3-7	–	–	0.6	18.1	1.7	80	GV3-7	–	–	10.9	11.3	7.9	70
GV3-8	–	–	7.6	13.0	7.4	72	GV3-8	–	–	22.5	4.1	20	53
GV3-9	–	–	2.4	13.8	3.8	80	GV3-9	–	–	24.3	1.9	19	55
GV3-10 X	–	–	1.8	15.1	4.1	79	**GV3-10 X**	–	–	27.7	1.3	24	47
GV3-11	–	–	1.1	15.8	4.0	79	GV3-11	–	–	18.1	2.2	21	59
GV3-12	–	–	2.0	15.1	5.1	78	GV3-12	–	–	21.5	1.2	25	52
GV3-13	–	–	1.7	14.8	4.5	79	GV3-13	–	–	27.6	4.6	24	44
GV3-14	–	–	34.0	3.4	24.6	38	GV3-14	–	–	39.1	0.4	28	33
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	68	0.8	13.5	6.0	80	GV4-C	–	80	20.3	5.5	22	52
GV4-B	–	–	0.8	14.2	5.8	79	GV4-B	–	–	21.5	8.4	18	52
GV4-A	–	–	0.0	17.9	0.4	82	GV4-A	–	–	3.8	7.1	20	69
GV4-1	–	–	0.0	18.1	1.9	80	GV4-1	–	–	21.2	3.7	22	53
GV4-2	–	–	18.3	11.2	14	57	GV4-2	–	–	25.2	1.1	23	51
GV4-3	–	–	1.1	14.1	5.7	79	GV4-3	–	–	26.9	0.3	27	46
GV4-4 X	–	–	0.9	14.2	5.5	79	**GV4-4 X**	–	–	0.0	9.9	7.0	83
GV4-5	–	–	5.5	12.0	6.7	76	GV4-5	–	–	27.4	0.7	29	43
GV4-6	–	–	0.2	16.8	2.3	81	GV4-6	–	–	28.1	0.0	28	44
GV4-7	–	–	2.1	18.2	2.5	77	GV4-7	–	–	38.2	0.0	28	33
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	78	12.3	4.3	17	66	GV5-1	–	78	57.2	0.0	40	3
GV5-2	–	–	32.8	0.0	32	35	GV5-2	–	–	55.7	0.1	27	17
GV5-3	–	–	17.7	0.1	18	64	GV5-3	–	–	40.2	0.0	24	36
GV5-4	–	–	2.5	13.9	7.0	77	GV5-4	–	–	40.1	0.0	25	35
GV5-5	–	–	17.9	8.0	19	55	GV5-5	–	–	44.1	0.0	26	30
GV5-6	–	–	0.1	13.0	8.2	79	GV5-6	–	–	43.2	0.0	25	32
GV5-7	–	–	13.3	9.5	16	61	GV5-7	–	–	43.3	0.0	26	31
GV5-8	–	–	2.6	14.3	6.5	77	GV5-8	–	–	21.7	1.3	24	53
GV5-9	–	–	0.5	16.3	3.4	80	GV5-9	–	–	23.8	0.0	26	50

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 09 to Jan 15, 2012						Week of:	Jan 23 to Jan 29, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	13.4	4.1	9	74	EW-1	--	--	6.2	14.3	8.2	71
EW-2	--	--	0.0	15.2	5.9	79	EW-2	--	--	0.0	14.1	5.8	80
EW-3	--	--	12.3	0.2	20	68	EW-3	--	--	22.8	4.8	20	52
EW-4	--	--	18.1	1.7	25	55	EW-4	--	--	33.3	1.8	31	34
EW-5	--	--	40.1	0.0	36	24	EW-5	--	--	45.2	0.1	36	19
EW-6	--	--	31.5	0.0	32	37	EW-6	--	--	29.3	0.0	34	37
EW-7	--	--	29.1	0.0	32	39	EW-7	--	--	26.3	0.0	33	41
EW-8	--	--	32.7	0.0	33	34	EW-8	--	--	27.6	0.0	30	42
EW-9	--	--	40.8	0.0	35	24	EW-9	--	--	35.5	0.0	34	31
EW-10	--	--	1.4	15.7	4	79	EW-10	--	--	22.8	1.8	21	54
EW-11	--	--	0.1	20.0	0.5	79	EW-11	--	--	0.6	17.7	1.5	80
EW-12	--	--	1.1	15.8	5.3	78	EW-12	--	--	1.7	12.7	6.5	79
SW1	--	--	42.5	0.0	37	21	SW1	--	--	29.9	0.0	33	37
SW2	--	--	53.1	0.0	43	4	SW2	--	--	39.6	0.0	39	21
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	11.4	0.0	28	63	NW1	--	--	21.1	0.0	32	47
NW2	--	--	41.3	0.0	37	22	NW2	--	--	39.7	0.0	40	20
NW3	--	--	24.5	0.0	37	39	NW3	--	--	44.8	0.0	42	13
NW4	--	--	19.1	0.0	25	56	NW4	--	--	7.7	3.3	13	76
NW5	--	--	10.2	0.0	21	69	NW5	--	--	48.2	0.0	37	15
NW6	--	--	74.8	0.0	42	0	NW6	--	--	38.7	0.0	41	20
NW7	--	--	35.8	0.0	40	24	NW7	--	--	77.2	0.0	44	0
NW8	--	--	12.6	0.0	26	61	NW8	--	--	25.8	0.0	25	49
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	--	--	--	--	--	FLARE 90	--	--	--	--	--	--

Notes; (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

3098-7

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

March 9, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #205 – February 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for February 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #205 – February 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of February 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (March 2012)

- Develop Monthly Progress Report #205 summarizing activities in February 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (March 2012)

- March 9 - Anticipated submittal of the February 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	02/10	U.S. EPA	Monthly Progress Report for the Month of January 2012.

PAPER

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/19/2012

Subject: LFG Monitoring Summary - Week of 02/06/12 - 02/12/12

Summary: All CPs remained in compliance during this two week period.
There were seven (7) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 to 360 mins. ON and 300 to 360 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 10-11, 2012 with temps of 32°F and to 21°F respectively and partly cloudy conditions.
Vacuum readings were last taken on February 11, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/6/2012	--	--	--	--	12:30*	6:30	--	--	6.0
2/7/2012	0:30#	--	--	--	6:00	6:30	--	--	0.5
2/8/2012	12:30	6:00#	8:30	--	--	1:30	7:30	12:00	15.0
2/9/2012	0:00#	--	9:00	--	--	1:30@	7:30#	--	4.5
2/10/2012	9:00	11:00#	11:30*	--	--	2:30	8:30	9:30#	6.0
2/11/2012	--	--	11:00	--	--	2:30	8:30	12:00	7.0
2/12/2012	--	--	--	--	12:00#	--	--	--	0.0
								Total Hrs. =	39.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/6/2012	--	--	--	--	--
2/7/2012	--	--	--	--	--
2/8/2012	--	--	--	--	--
2/9/2012	CPs, TGP/GP	10:30A - 4:00P	0.0	30.37 - 30.25	F
2/10/2012	GVs 1-2, SWs	12:00 - 2:00PM	--	30.12 - 30.04	F
2/11/2012	GVs 3-5, S&EWs	1:30 - 4:00P	--	30.21 - 30.25	R
2/12/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	6-Feb		7-Feb		8-Feb		9-Feb		10-Feb		11-Feb		12-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	9.4	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	20.7	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	11.1	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	15.3	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	6-Feb		7-Feb		8-Feb		9-Feb		10-Feb		11-Feb		12-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	15.6	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-80	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	17.7	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	15.2	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	12.3	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	5.5	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 23 to Jan 29, 2012						Week of:	Feb 6 to Feb 12, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	-3.80	–	–	–	–	–
GV1-1	–	36	6.9	4.5	24	65	GV1-1	–	40	6.9	4.5	24	65
GV1-2	–	38	38.2	0.0	43	19	GV1-2	–	38	38.2	0.0	43	19
GV1-3	–	34	8.4	1.0	24	67	GV1-3	–	46	8.4	1.0	24	67
GV1-4	–	38	35.5	0.0	26	39	GV1-4	–	48	35.5	0.0	26	39
GV1-5	–	40	25.6	0.0	24	50	GV1-5	–	48	25.6	0.0	24	50
GV1-6	–	40	28.6	0.0	26	45	GV1-6	–	50	28.6	0.0	26	45
GV1-7	–	38	3.4	5.9	10	81	GV1-7	–	50	3.4	5.9	10	81
GV1-8	–	34	1.1	5.2	24	70	GV1-8	–	50	1.1	5.2	24	70
GV1-9	–	40	0.9	2.1	22	75	GV1-9	–	48	0.9	2.1	22	75
GV1-10X	–	38	5.8	0.8	27	66	**GV1-10X**	–	60	5.8	0.8	27	66
GV1-11	–	36	0.0	14.1	3.7	82	GV1-11	–	52	0.0	14.1	3.7	82
GV1-12	–	78	3.8	2.5	22	72	GV1-12	–	78	3.8	2.5	22	72
GV1-13	–	36	1.3	0.7	17	81	GV1-13	–	44	1.3	0.7	17	81
LEG 1b	–	–	–	–	–	–	**LEG 1b**	-2.60	–	–	–	–	–
GV1b-1	–	42	0.3	16.1	2.2	81	GV1b-1	–	40	0.3	16.1	2.2	81
GV1b-2	–	32	1.7	16.6	4.7	77	GV1b-2	–	40	1.7	16.6	4.7	77
GV1b-3	–	34	2.8	14.0	4.6	79	GV1b-3	–	42	2.8	14.0	4.6	79
GV1b-4	–	32	0.3	13.9	6.0	80	GV1b-4	–	44	0.3	13.9	6.0	80
GV1b-5	–	–	1.2	9.3	11	79	GV1b-5	–	–	1.2	9.3	11	79
LEG 2	–	–	–	–	–	–	**LEG 2**	-0.40	–	–	–	–	–
GV2-1	–	44	10.2	10.5	11	68	GV2-1	–	54	10.2	10.5	11	68
GV2-2	–	44	11.0	11.1	11	67	GV2-2	–	50	11.0	11.1	11	67
GV2-3	–	48	11.1	11.3	11	67	GV2-3	–	50	11.1	11.3	11	67
GV2-4	–	64	15.1	9.6	10	65	GV2-4	–	54	15.1	9.6	10	65
LEG 3	–	–	–	–	–	–	**LEG 3**	-0.40	–	–	–	–	–
GV3-1	–	–	61.4	0.0	38	1	GV3-1	–	–	61.4	0.0	38	1
GV3-2	–	–	82.6	0.0	40	0	GV3-2	–	–	82.6	0.0	40	0
GV3-3	–	–	39.1	2.9	28	30	GV3-3	–	–	39.1	2.9	28	30
GV3-4	–	38	41.1	1.2	31	27	GV3-4	–	78	41.1	1.2	31	27
GV3-5	–	–	25.1	1.5	22	51	GV3-5	–	–	25.1	1.5	22	51
GV3-6	–	–	23.1	1.8	18	57	GV3-6	–	–	23.1	1.8	18	57
GV3-7	–	–	10.9	11.3	7.9	70	GV3-7	–	–	10.9	11.3	7.9	70
GV3-8	–	–	22.5	4.1	20	53	GV3-8	–	–	22.5	4.1	20	53
GV3-9	–	–	24.3	1.9	19	55	GV3-9	–	–	24.3	1.9	19	55
GV3-10 X	–	–	27.7	1.3	24	47	**GV3-10 X**	–	–	27.7	1.3	24	47
GV3-11	–	–	18.1	2.2	21	59	GV3-11	–	–	18.1	2.2	21	59
GV3-12	–	–	21.5	1.2	25	52	GV3-12	–	–	21.5	1.2	25	52
GV3-13	–	–	27.6	4.6	24	44	GV3-13	–	–	27.6	4.6	24	44
GV3-14	–	–	39.1	0.4	28	33	GV3-14	–	–	39.1	0.4	28	33
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	-0.50	–	–	–	–	–
GV4-C	–	80	20.3	5.5	22	52	GV4-C	–	48	0.9	7.3	11	81
GV4-B	–	–	21.5	8.4	18	52	GV4-B	–	–	0.8	7.2	12	80
GV4-A	–	–	3.8	7.1	20	69	GV4-A	–	–	1.1	7.4	11	81
GV4-1	–	–	21.2	3.7	22	53	GV4-1	–	–	6.1	3.3	17	74
GV4-2	–	–	25.2	1.1	23	51	GV4-2	–	–	15.5	4.3	20	60
GV4-3	–	–	26.9	0.3	27	46	GV4-3	–	–	3.6	5.7	13	78
GV4-4 X	–	–	0.0	9.9	7.0	83	**GV4-4 X**	–	–	0.0	18.9	0.2	81
GV4-5	–	–	27.4	0.7	29	43	GV4-5	–	–	22.4	1.3	24	52
GV4-6	–	–	28.1	0.0	28	44	GV4-6	–	–	6.8	5.5	15	73
GV4-7	–	–	39.2	0.0	28	33	GV4-7	–	–	34.1	0.7	29	36
LEG 5	–	–	–	–	–	–	**LEG 6**	-0.70	–	–	–	–	–
GV5-1	–	78	57.2	0.0	40	3	GV5-1	–	80	8.1	2.6	18	71
GV5-2	–	–	55.7	0.1	27	17	GV5-2	–	–	37.7	2.5	30	30
GV5-3	–	–	40.2	0.0	24	36	GV5-3	–	–	7.4	12.6	8.8	71
GV5-4	–	–	40.1	0.0	25	35	GV5-4	–	–	4.4	16.3	6.2	73
GV5-5	–	–	44.1	0.0	26	30	GV5-5	–	–	5.0	16.6	6.5	72
GV5-6	–	–	43.2	0.0	25	32	GV5-6	–	–	7.6	14.8	10	68
GV5-7	–	–	43.3	0.0	26	31	GV5-7	–	–	10.7	12.6	12	65
GV5-8	–	–	21.7	1.3	24	53	GV5-8	–	–	22.4	3.5	25	49
GV5-9	–	–	23.8	0.0	26	50	GV5-9	–	–	21.2	4.2	23	52

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 23 to Jan 29, 2012						Week of:	Feb 6 to Feb 12, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	8.2	14.3	8.2	71	EW-1	--	-2.20	26.2	1.4	23	49
EW-2	--	--	0.0	14.1	5.8	80	EW-2	--	-1.90	0.1	17.2	4.8	78
EW-3	--	--	22.8	4.8	20	52	EW-3	--	-0.80	22.8	4.8	20	52
EW-4	--	--	33.3	1.8	31	34	EW-4	--	--	34.7	0.0	26	39
EW-5	--	--	45.2	0.1	36	19	EW-5	--	--	42.5	0.0	30	28
EW-6	--	--	29.3	0.0	34	37	EW-6	--	--	33.1	0.0	28	39
EW-7	--	--	26.3	0.0	33	41	EW-7	--	--	29.3	0.0	27	44
EW-8	--	--	27.6	0.0	30	42	EW-8	--	--	29.6	0.0	27	43
EW-9	--	--	35.5	0.0	34	31	EW-9	--	--	39.6	0.0	30	30
EW-10	--	--	22.8	1.8	21	54	EW-10	--	-1.00	1.5	7.4	0.6	91
EW-11	--	--	0.6	17.7	1.5	80	EW-11	--	-2.30	0.4	18.5	1.2	80
EW-12	--	--	1.7	12.7	6.5	79	EW-12	--	-1.90	0.2	19.7	3.1	77
SW1	--	--	29.9	0.0	33	37	SW1	--	--	39.9	0.0	38	22
SW2	--	--	39.6	0.0	39	21	SW2	--	--	40.8	0.0	41	18
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	21.1	0.0	32	47	NW1	--	--	11.2	0.0	32	57
NW2	--	--	39.7	0.0	40	20	NW2	--	--	35.6	0.0	40	24
NW3	--	--	44.8	0.0	42	13	NW3	--	--	38.5	0.0	42	20
NW4	--	--	7.7	3.3	13	76	NW4	--	--	11.5	3.3	13	72
NW5	--	--	48.2	0.0	37	15	NW5	--	--	12.8	0.8	22	64
NW6	--	--	38.7	0.0	41	20	NW6	--	--	42.7	0.0	40	17
NW7	--	--	77.2	0.0	44	0	NW7	--	--	77.2	0.0	44	0
NW8	--	--	25.8	0.0	25	49	NW8	--	--	18.5	0.0	25	57
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	--	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/29/2012

Subject: LFG Monitoring Summary - Week of 02/20/12 - 02/26/12

Summary: All CPs remained in compliance during this two week period.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to 600 mins. ON and 300 to 720 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 25-26, 2012 with temps of 34 to 33°F and 44 to 48°F respectively and partly cloudy to clear conditions.
Vacuum readings were last taken on February 11, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/20/2012	--	--	--	--	12:00*	--	--	7:30	7.5
2/21/2012	6:30#	--	9:00	9:30#	--	--	--	--	0.5
2/22/2012	--	--	9:30	10:00#	--	--	--	--	0.5
2/23/2012	--	--	--	--	3:00	--	--	12:00	9.0
2/24/2012	--	--	9:00	--	--	3:00#	3:30	6:00	8.5
2/25/2012	4:30	--	--	--	--	2:30	--	--	10.0
2/26/2012	0:00#	--	10:00	--	--	--	--	8:00	10.0
								Total Hrs. =	46.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/20/2012	--	--	--	--	--
2/21/2012	--	--	--	--	--
2/22/2012	--	--	--	--	--
2/23/2012	CPs, TGP/GP	10:00A - 3:00P	0.0	29.49 - 29.70	R
2/24/2012	GVs 1-2, SWs	1:30 - 3:30P	--	30.18 - 30.25	R
2/25/2012	GVs 3-5, S&EWs	1:30 - 3:30P	--	30.21 - 30.25	R
2/26/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	20-Feb		21-Feb		22-Feb		23-Feb		24-Feb		25-Feb		26-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	8.7	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	13.0	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	13.1	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	6.8	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	20.5	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	20.4	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	11.7	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	11.5	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	13.9	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	20.2	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	20-Feb		21-Feb		22-Feb		23-Feb		24-Feb		25-Feb		26-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	15.5	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	14.5	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	15.2	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	15.4	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	18.7	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	15.2	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	9.4	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	20.3	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	20.6	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 6 to Feb 12, 2012						Week of:	Feb 20 to Feb 26, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-3.80	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	40	6.9	4.5	24	65	GV1-1	–	40	0.0	14.8	7.5	78
GV1-2	–	38	38.2	0.0	43	19	GV1-2	–	34	13.8	1.2	17	68
GV1-3	–	46	8.4	1.0	24	67	GV1-3	–	40	0.7	12.9	11	75
GV1-4	–	48	35.5	0.0	26	39	GV1-4	–	44	0.8	13.1	11	75
GV1-5	–	48	25.6	0.0	24	50	GV1-5	–	44	2.7	12.1	14	71
GV1-6	–	50	28.6	0.0	26	45	GV1-6	–	48	1.7	11.0	13	74
GV1-7	–	50	3.4	5.9	10	81	GV1-7	–	42	0.0	18.0	0.2	82
GV1-8	–	50	1.1	5.2	24	70	GV1-8	–	44	1.3	12.7	11	75
GV1-9	–	48	0.9	2.1	22	75	GV1-9	–	44	0.4	13.7	10	76
GV1-10X	–	60	5.8	0.8	27	66	**GV1-10X**	–	50	5.8	3.1	21	70
GV1-11	–	52	0.0	14.1	3.7	82	GV1-11	–	48	0.2	3.8	18	78
GV1-12	–	78	3.8	2.5	22	72	GV1-12	–	78	9.2	0.0	24	67
GV1-13	–	44	1.3	0.7	17	81	GV1-13	–	42	3.3	0.8	23	73
LEG 1b	-2.60	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	40	0.3	16.1	2.2	81	GV1b-1	–	44	1.0	16.1	3.3	80
GV1b-2	–	40	1.7	16.6	4.7	77	GV1b-2	–	44	1.8	15.1	6.0	77
GV1b-3	–	42	2.8	14.0	4.6	79	GV1b-3	–	40	7.1	12.7	8.5	72
GV1b-4	–	44	0.3	13.9	6.0	80	GV1b-4	–	50	2.6	10.3	10	77
GV1b-5	–	–	1.2	9.3	11	79	GV1b-5	–	–	3.4	2.5	18	76
LEG 2	-0.40	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	54	10.2	10.5	11	68	GV2-1	–	54	1.7	17.6	18	63
GV2-2	–	50	11.0	11.1	11	67	GV2-2	–	60	0.2	19.4	19	61
GV2-3	–	50	11.1	11.3	11	67	GV2-3	–	64	0.1	18.5	19	62
GV2-4	–	54	15.1	9.6	10	65	GV2-4	–	74	1.3	15.3	15	68
LEG 3	-0.40	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	61.4	0.0	38	1	GV3-1	–	–	64.2	0.0	35	1
GV3-2	–	–	82.6	0.0	40	0	GV3-2	–	–	74.8	0.0	34	0
GV3-3	–	–	39.1	2.9	28	30	GV3-3	–	–	0.6	16.2	3.1	80
GV3-4	–	78	41.1	1.2	31	27	GV3-4	–	56	0.3	10.2	11	79
GV3-5	–	–	25.1	1.5	22	51	GV3-5	–	–	4.0	6.2	14	76
GV3-6	–	–	23.1	1.8	18	57	GV3-6	–	–	2.8	1.8	18	77
GV3-7	–	–	10.9	11.3	7.9	70	GV3-7	–	–	0.3	5.6	10	84
GV3-8	–	–	22.5	4.1	20	53	GV3-8	–	–	2.3	2.3	14	81
GV3-9	–	–	24.3	1.9	19	55	GV3-9	–	–	6.6	3.1	14	76
GV3-10 X	–	–	27.7	1.3	24	47	**GV3-10 X**	–	–	0.7	3.2	13	83
GV3-11	–	–	16.1	2.2	21	59	GV3-11	–	–	1.8	1.4	18	79
GV3-12	–	–	21.5	1.2	25	52	GV3-12	–	–	1.3	0.4	18	80
GV3-13	–	–	27.6	4.6	24	44	GV3-13	–	–	8.6	0.0	21	70
GV3-14	–	–	39.1	0.4	28	33	GV3-14	–	–	24.6	0.0	25	50
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	-0.50	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	48	0.9	7.3	11	81	GV4-C	–	70	1.6	0.3	17	81
GV4-B	–	–	0.8	7.2	12	80	GV4-B	–	–	0.8	1.6	18	82
GV4-A	–	–	1.1	7.4	11	81	GV4-A	–	–	2.2	15.6	3.3	79
GV4-1	–	–	6.1	3.3	17	74	GV4-1	–	–	5.8	4.1	17	72
GV4-2	–	–	15.5	4.3	20	60	GV4-2	–	–	29.9	0.3	28	42
GV4-3	–	–	3.6	5.7	13	78	GV4-3	–	–	5.5	10.0	11	74
GV4-4 X	–	–	0.0	18.9	0.2	81	**GV4-4 X**	–	–	0.0	17.8	0.5	82
GV4-5	–	–	22.4	1.3	24	52	GV4-5	–	–	21.2	0.7	23	55
GV4-6	–	–	6.8	5.5	15	73	GV4-6	–	–	2.1	8.6	11	78
GV4-7	–	–	34.1	0.7	29	36	GV4-7	–	–	25.1	2.6	26	46
LEG 5	-0.70	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	80	8.1	2.6	18	71	GV5-1	–	78	0.2	9.9	10	80
GV5-2	–	–	37.7	2.5	30	30	GV5-2	–	–	0.3	10.4	10	79
GV5-3	–	–	7.4	12.6	8.8	71	GV5-3	–	–	2.5	10.8	11	76
GV5-4	–	–	4.4	16.3	6.2	73	GV5-4	–	–	0.0	11.8	12	76
GV5-5	–	–	5.0	16.6	6.5	72	GV5-5	–	–	0.0	6.2	6.2	88
GV5-6	–	–	7.6	14.8	10	68	GV5-6	–	–	0.0	10.8	11	78
GV5-7	–	–	10.7	12.6	12	65	GV5-7	–	–	0.0	14.2	14	72
GV5-8	–	–	22.4	3.5	25	49	GV5-8	–	–	1.1	8.7	8.7	82
GV5-9	–	–	21.2	4.2	23	52	GV5-9	–	–	7.9	2.9	2.9	86

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 6 to Feb 12, 2012						Week of:	Feb 20 to Feb 26, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	-2.20	26.2	1.4	23	49	EW-1	--	--	26.8	5.6	23	45
EW-2	--	-1.90	0.1	17.2	4.8	78	EW-2	--	--	0.0	17.4	3.8	79
EW-3	--	-0.90	22.8	4.8	20	52	EW-3	--	--	7.1	3.2	17	73
EW-4	--	--	34.7	0.0	26	39	EW-4	--	--	15.7	5.5	18	61
EW-5	--	--	42.5	0.0	30	28	EW-5	--	--	28.1	0.1	28	44
EW-6	--	--	33.1	0.0	28	39	EW-6	--	--	24.6	0.0	38	37
EW-7	--	--	29.3	0.0	27	44	EW-7	--	--	23.9	0.0	32	44
EW-8	--	--	29.6	0.0	27	43	EW-8	--	--	26.9	0.0	32	41
EW-9	--	--	39.6	0.0	30	30	EW-9	--	--	32.1	0.0	34	34
EW-10	--	-1.00	1.5	7.4	0.6	91	EW-10	--	--	0.2	11.0	7.8	81
EW-11	--	-2.30	0.4	18.5	1.2	80	EW-11	--	--	0.1	19.8	0.4	80
EW-12	--	-1.90	0.2	19.7	3.1	77	EW-12	--	--	1.3	14.5	5.3	79
SW1	--	--	39.9	0.0	38	22	SW1	--	--	37.5	0.0	37	26
SW2	--	--	40.8	0.0	41	18	SW2	--	--	40.7	0.0	40	19
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	11.2	0.0	32	57	NW1	--	--	3.4	5.9	19	72
NW2	--	--	35.6	0.0	40	24	NW2	--	--	31.5	0.0	34	35
NW3	--	--	38.5	0.0	42	20	NW3	--	--	30.3	0.0	34	36
NW4	--	--	11.5	3.3	13	72	NW4	--	--	11.4	0.0	28	61
NW5	--	--	12.8	0.8	22	64	NW5	--	--	5.3	1.6	23	70
NW6	--	--	42.7	0.0	40	17	NW6	--	--	27.2	0.0	38	35
NW7	--	--	77.2	0.0	44	0	NW7	--	--	63.4	0.0	41	0
NW8	--	--	18.5	0.0	25	57	NW8	--	--	5.4	0.0	22	73
WC1	--	--	--	--	--	--	WC1	--	--	--	--	--	--
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

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(5) Temperature readings recorded from well head thermometers;
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(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

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(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic and Certified Mail

April 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #206 – March 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for March 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #206 – March 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of March 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (April 2012)

- Develop Monthly Progress Report #206 summarizing activities in March 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (April 2012)

- April 10 - Anticipated submittal of the March 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	03/09	U.S. EPA	Monthly Progress Report for the Month of February 2012.

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/15/2012

Subject: LFG Monitoring Summary - Week of 03/05/12 - 03/11/12

Summary: All CPs remained in compliance this two week period.
There were two (2) flare flame failures due to low methane or other issues.
Flare operating cycles were 450 to 600 mins. ON and 840 to 990 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 10, 2012 with temps of 41°F and to 52°F and partly cloudy.
Vacuum readings were last taken on February 11, 2012
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/5/2012	--	--	9:00#	--	--	--	--	--	0.0
3/6/2012	--	--	10:30*	--	--	7:00	--	--	8.5
3/7/2012	--	--	9:00	--	--	7:00	--	--	10.0
3/8/2012	--	--	9:00	--	--	2:00#	--	--	5.0
3/9/2012	--	--	9:00	--	--	4:30	--	--	7.5
3/10/2012	--	--	9:00	--	--	4:30	--	--	7.5
3/11/2012	--	--	9:00	--	--	4:30	--	--	7.5
								Total Hrs. =	46.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/5/2012	--	--	--	--	--
3/6/2012	--	--	--	--	--
3/7/2012	--	--	--	--	--
3/8/2012	--	--	--	--	--
3/9/2012	CPs, TGP/GP	11:30A - 4:30P	--	30.39 - 30.44	R
3/10/2012	GVs, S&EWs	1:30 - 4:00P	--	30.53 - 30.45	F
3/11/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	5-Mar		6-Mar		7-Mar		8-Mar		9-Mar		10-Mar		11-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	12.5	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	9.4	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	6.3	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.7	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
CP4-8	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	5-Mar		6-Mar		7-Mar		8-Mar		9-Mar		10-Mar		11-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	–	–	–	–	–	–	–	–	0.0	18.8	–	–	–	–
TGP-63	–	–	–	–	–	–	–	–	0.0	14.2	–	–	–	–
TGP-57	–	–	–	–	–	–	–	–	0.0	15.2	–	–	–	–
TGP-62	–	–	–	–	–	–	–	–	0.0	19.9	–	–	–	–
GP-12	–	–	–	–	–	–	–	–	0.0	17.4	–	–	–	–
TGP-60	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
TGP-65	–	–	–	–	–	–	–	–	0.0	20.3	–	–	–	–
TGP-66	–	–	–	–	–	–	–	–	0.0	20.0	–	–	–	–
TGP-67	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
TGP-68	–	–	–	–	–	–	–	–	0.0	16.2	–	–	–	–
TGP-53	–	–	–	–	–	–	–	–	0.0	20.1	–	–	–	–
TGP-59	–	–	–	–	–	–	–	–	0.0	19.0	–	–	–	–
TGP-58	–	–	–	–	–	–	–	–	0.0	18.7	–	–	–	–
GP-14	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
TGP-87	–	–	–	–	–	–	–	–	0.0	19.1	–	–	–	–
TGP-88	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
TGP-69	–	–	–	–	–	–	–	–	0.0	20.0	–	–	–	–
TGP-90	–	–	–	–	–	–	–	–	0.0	19.8	–	–	–	–
GP-17	–	–	–	–	–	–	–	–	0.0	17.2	–	–	–	–
TGP-91	–	–	–	–	–	–	–	–	0.0	19.8	–	–	–	–
GP-18	–	–	–	–	–	–	–	–	0.0	18.4	–	–	–	–
TGP-73	–	–	–	–	–	–	–	–	0.0	20.0	–	–	–	–
TGP-74	–	–	–	–	–	–	–	–	0.0	18.3	–	–	–	–
TGP-84	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
TGP-75	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
TGP-85	–	–	–	–	–	–	–	–	0.0	19.9	–	–	–	–
TGP-72	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
TGP-86	–	–	–	–	–	–	–	–	0.0	18.3	–	–	–	–
TGP-32	–	–	–	–	–	–	–	–	0.0	18.7	–	–	–	–

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 20 to Feb 26, 2012						Week of:	Mar 05 to Mar 11, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	40	0.0	14.8	7.5	78	GV1-1	–	44	3.8	15.7	3.8	77
GV1-2	–	34	13.8	1.2	17	68	GV1-2	–	40	25.8	2.8	10	61
GV1-3	–	40	0.7	12.9	11	75	GV1-3	–	50	34.5	0.0	29	37
GV1-4	–	44	0.8	13.1	11	75	GV1-4	–	60	22.5	0.0	31	47
GV1-5	–	44	2.7	12.1	14	71	GV1-5	–	64	40.9	0.0	30	29
GV1-6	–	48	1.7	11.0	13	74	GV1-6	–	62	39.2	0.0	11	50
GV1-7	–	42	0.0	18.0	0.2	82	GV1-7	–	76	4.7	12.7	29	54
GV1-8	–	44	1.3	12.7	11	75	GV1-8	–	76	25.9	0.0	18	56
GV1-9	–	44	0.4	13.7	10	76	GV1-9	–	76	10.5	0.3	29	60
GV1-10X	–	50	5.8	3.1	21	70	**GV1-10X**	–	66	23.6	0.0	18	58
GV1-11	–	48	0.2	3.6	18	78	GV1-11	–	64	7.8	3.1	28	61
GV1-12	–	78	9.2	0.0	24	67	GV1-12	–	78	23.4	0.0	27	50
GV1-13	–	42	3.3	0.8	23	73	GV1-13	–	44	24.4	0.0	17	58
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	44	1.0	16.1	3.3	80	GV1b-1	–	76	0.0	16.2	0.0	84
GV1b-2	–	44	1.8	15.1	6.0	77	GV1b-2	–	48	0.0	13.4	4.1	83
GV1b-3	–	40	7.1	12.7	8.5	72	GV1b-3	–	80	3.7	13.5	5.4	77
GV1b-4	–	50	2.6	10.3	10	77	GV1b-4	–	70	0.6	11.5	13	75
GV1b-5	–	–	3.4	2.5	18	76	GV1b-5	–	–	4.0	11.0	13	72
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	54	1.7	17.8	18	63	GV2-1	–	78	2.6	16.1	4.0	77
GV2-2	–	60	0.2	19.4	19	61	GV2-2	–	80	0.0	18.0	0.8	81
GV2-3	–	64	0.1	18.6	19	62	GV2-3	–	76	1.6	11.9	5.7	81
GV2-4	–	74	1.3	15.3	15	68	GV2-4	–	78	4.1	12.2	6.5	77
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	64.2	0.0	35	1	GV3-1	–	–	52.0	0.0	27	21
GV3-2	–	–	74.6	0.0	34	0	GV3-2	–	–	58.4	0.8	29	0
GV3-3	–	–	0.6	18.2	3.1	80	GV3-3	–	–	0.3	14.1	4.7	81
GV3-4	–	56	0.3	10.2	11	79	GV3-4	–	60	0.3	14.7	4.8	80
GV3-5	–	–	4.0	8.2	14	78	GV3-5	–	–	1.5	10.3	8.8	79
GV3-6	–	–	2.8	1.8	18	77	GV3-6	–	–	2.0	4.1	14	80
GV3-7	–	–	0.3	5.8	10	84	GV3-7	–	–	0.1	13.3	5.7	81
GV3-8	–	–	2.3	2.3	14	81	GV3-8	–	–	0.2	1.6	13	85
GV3-9	–	–	6.6	3.1	14	76	GV3-9	–	–	4.5	4.5	12	79
GV3-10 X	–	–	0.7	3.2	13	83	**GV3-10 X**	–	–	1.0	4.4	11	84
GV3-11	–	–	1.8	1.4	18	79	GV3-11	–	–	7.2	2.7	13	77
GV3-12	–	–	1.3	0.4	18	80	GV3-12	–	–	1.1	3.8	13	82
GV3-13	–	–	8.6	0.0	21	70	GV3-13	–	–	10.0	0.8	18	71
GV3-14	–	–	24.6	0.0	25	50	GV3-14	–	–	25.7	0.0	20	54
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	70	1.6	0.3	17	81	GV4-C	–	76	1.1	0.4	14	85
GV4-B	–	–	0.8	1.6	16	82	GV4-B	–	–	0.7	1.7	13	85
GV4-A	–	–	2.2	15.6	3.3	79	GV4-A	–	–	0.0	18.2	2.8	79
GV4-1	–	–	6.8	4.1	17	72	GV4-1	–	–	5.2	3.7	12	79
GV4-2	–	–	29.9	0.3	28	42	GV4-2	–	–	26.5	1.5	21	51
GV4-3	–	–	5.5	10.0	11	74	GV4-3	–	–	2.3	13.9	8.3	76
GV4-4 X	–	–	0.0	17.8	0.5	82	**GV4-4 X**	–	–	0.0	20.1	0.0	80
GV4-5	–	–	21.2	0.7	23	55	GV4-5	–	–	10.9	1.2	17	71
GV4-6	–	–	2.1	8.6	11	78	GV4-6	–	–	0.8	14.3	6.7	78
GV4-7	–	–	25.1	2.6	26	48	GV4-7	–	–	17.8	6.4	16	60
LEG 5	–	–	–	–	–	–	**LEG 5**	–	–	–	–	–	–
GV5-1	–	78	0.2	9.9	10	80	GV5-1	–	80	0.0	12.8	5.4	82
GV5-2	–	–	0.3	10.4	10	79	GV5-2	–	–	0.6	12.2	6.3	81
GV5-3	–	–	2.5	10.6	11	76	GV5-3	–	–	2.3	7.5	8.5	82
GV5-4	–	–	0.0	11.8	12	76	GV5-4	–	–	0.1	10.8	8.9	82
GV5-5	–	–	0.0	6.2	6.2	88	GV5-5	–	–	3.2	8.7	8.2	80
GV5-6	–	–	0.0	10.6	11	78	GV5-6	–	–	0.3	14.1	6.1	80
GV5-7	–	–	0.0	14.2	14	72	GV5-7	–	–	0.9	15.1	5.3	79
GV5-8	–	–	1.1	8.7	8.7	82	GV5-8	–	–	0.0	17.9	2.4	80
GV5-9	–	–	7.9	2.9	2.9	86	GV5-9	–	–	0.0	19.3	1.2	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 20 to Feb 26, 2012						Week of:	Mar 05 to Mar 11, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	–	–	26.8	5.6	23	45	EW-1	–	–	18.4	6.0	17	59
EW-2	–	–	0.0	17.4	3.8	79	EW-2	–	–	0.3	2.4	10.0	87
EW-3	–	–	7.1	3.2	17	73	EW-3	–	–	15.8	2.5	16	66
EW-4	–	–	15.7	5.5	18	61	EW-4	–	–	31.8	0.0	25	43
EW-5	–	–	28.1	0.1	28	44	EW-5	–	–	40.7	0.0	27	32
EW-6	–	–	24.6	0.0	38	37	EW-6	–	–	28.1	0.0	22	50
EW-7	–	–	23.9	0.0	32	44	EW-7	–	–	33.4	0.0	25	42
EW-8	–	–	26.9	0.0	32	41	EW-8	–	–	39.5	0.0	28	33
EW-9	–	–	32.1	0.0	34	34	EW-9	–	–	40.0	0.0	28	32
EW-10	–	–	0.2	11.0	7.8	81	EW-10	–	–	0.2	11.7	5.7	82
EW-11	–	–	0.1	19.8	0.4	80	EW-11	–	–	0.0	20.2	0.1	80
EW-12	–	–	1.3	14.5	5.3	79	EW-12	–	–	1.9	13.9	4.8	79
SW1	–	–	37.5	0.0	37	26	SW1	–	–	38.2	0.0	26	36
SW2	–	–	40.7	0.0	40	19	SW2	–	–	38.9	0.0	27	34
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	3.4	5.9	19	72	NW1	–	–	18.4	0.0	31	53
NW2	–	–	31.5	0.0	34	35	NW2	–	–	42.1	0.0	40	18
NW3	–	–	30.3	0.0	34	36	NW3	–	–	49.8	0.0	42	8
NW4	–	–	11.4	0.0	28	61	NW4	–	–	8.0	0.0	17	75
NW5	–	–	5.3	1.8	23	70	NW5	–	–	5.1	0.0	17	78
NW6	–	–	27.2	0.0	38	35	NW6	–	–	16.5	0.8	21	62
NW7	–	–	63.4	0.0	41	0	NW7	–	–	50.3	0.0	45	4
NW8	–	–	5.4	0.0	22	73	NW8	–	–	5.8	0.0	11	83
WC1	–	–	–	–	–	–	WC1	–	–	–	–	–	–
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	-4.00+	–	–	–	–	FLARE 90	–	-4.00+	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume;
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/28/2012

Subject: LFG Monitoring Summary - Week of 03/19/12 - 03/25/12

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to 480 mins. ON and 960 to 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 24-25, 2012 with high temps of 63°F and mostly cloudy.
Vacuum readings were last taken on February 11, 2012
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/19/2012	--	--	6:30	11:30#	--	--	--	--	5.0
3/20/2012	--	--	--	--	--	--	--	--	0.0
3/21/2012	--	--	10:00*	--	--	2:30	--	--	4.5
3/22/2012	--	--	6:30	--	--	2:30	--	--	8.0
3/23/2012	6:30#	--	9:00	--	--	12:30	--	--	3.5
3/24/2012	--	--	6:30	--	--	12:30	--	--	6.0
3/25/2012	--	--	6:30	7:00#	--	--	--	--	0.5
								Total Hrs. =	27.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/19/2012	--	--	--	--	--
3/20/2012	--	--	--	--	--
3/21/2012	--	--	--	--	--
3/22/2012	--	--	--	--	--
3/23/2012	CPs 1-3, TGP/GP	12:30 - 2:30P	0.0	30.01 - 29.96	R
3/24/2012	CPs 4-5, TGP/GP, E&SW	10:00A - 1:00P	0.0	29.85 - 29.84	F
3/25/2012	GVs, S&EWs	3:30 - 5:00P	--	29.95	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	19-Mar		20-Mar		21-Mar		22-Mar		23-Mar		24-Mar		25-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-08	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.7	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a Landtec GA 90, calibrated to a standard at 15% CH4, 15% CO2 & 4% O2 by volume

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 05 to Mar 11, 2012						Week of:	Mar 19 to Mar 25, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	–	–	–	–	–	–
GV1-1	–	44	3.8	15.7	3.8	77	GV1-1	–	44	0.1	17.8	3.7	79
GV1-2	–	40	25.8	2.8	10	61	GV1-2	–	40	10.6	13.5	10	68
GV1-3	–	50	34.5	0.0	29	37	GV1-3	–	56	18.6	0.0	25	56
GV1-4	–	60	22.5	0.0	31	47	GV1-4	–	62	26.1	0.0	28	46
GV1-5	–	64	40.9	0.0	30	29	GV1-5	–	64	24.7	0.0	27	48
GV1-6	–	62	39.2	0.0	11	50	GV1-6	–	70	21.2	0.0	26	53
GV1-7	–	78	4.7	12.7	29	54	GV1-7	–	62	0.3	19.1	0.2	80
GV1-8	–	76	25.9	0.0	18	56	GV1-8	–	62	22.5	0.0	26	52
GV1-9	–	76	10.5	0.3	29	60	GV1-9	–	60	22.1	0.0	26	52
GV1-10X	–	66	23.6	0.0	18	58	**GV1-10X**	–	66	19.0	0.0	25	56
GV1-11	–	64	7.8	3.1	28	61	GV1-11	–	62	5.1	0.2	18	77
GV1-12	–	78	23.4	0.0	27	50	GV1-12	–	78	15.9	0.0	24	60
GV1-13	–	44	24.4	0.0	17	59	GV1-13	–	52	5.9	0.0	19	75
LEG 1b	–	–	–	–	–	–	**LEG 1b**	–	–	–	–	–	–
GV1b-1	–	76	0.0	18.2	0.0	84	GV1b-1	–	48	3.8	13.3	6.7	76
GV1b-2	–	48	0.0	13.4	4.1	83	GV1b-2	–	56	0.3	13.9	5.0	81
GV1b-3	–	80	3.7	13.5	5.4	77	GV1b-3	–	64	4.4	11.9	7.5	76
GV1b-4	–	70	0.6	11.5	13	75	GV1b-4	–	64	1.2	3.3	13	83
GV1b-5	–	–	4.0	11.0	13	72	GV1b-5	–	–	1.9	3.3	13	82
LEG 2	–	–	–	–	–	–	**LEG 2**	–	–	–	–	–	–
GV2-1	–	78	2.6	16.1	4.0	77	GV2-1	–	64	8.7	10.1	10	71
GV2-2	–	80	0.0	16.0	0.8	81	GV2-2	–	70	6.1	10.2	9.4	74
GV2-3	–	76	1.6	11.9	5.7	81	GV2-3	–	70	5.4	8.3	10	76
GV2-4	–	78	4.1	12.2	6.5	77	GV2-4	–	78	5.2	8.4	11	77
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
GV3-1	–	–	52.0	0.0	27	21	GV3-1	–	–	53.3	0.0	31	16
GV3-2	–	–	56.4	0.8	29	0	GV3-2	–	–	48.9	0.0	29	22
GV3-3	–	–	0.3	14.1	4.7	81	GV3-3	–	–	47.2	1.0	29	23
GV3-4	–	60	0.3	14.7	4.6	80	GV3-4	–	62	47.2	1.1	28	24
GV3-5	–	–	1.5	10.3	8.8	79	GV3-5	–	–	46.6	1.5	28	24
GV3-6	–	–	2.0	4.1	14	80	GV3-6	–	–	30.5	6.5	19	44
GV3-7	–	–	0.1	13.3	5.7	81	GV3-7	–	–	3.5	16.5	4.2	76
GV3-8	–	–	0.2	1.6	13	85	GV3-8	–	–	20.4	9.2	15	55
GV3-9	–	–	4.5	4.5	12	79	GV3-9	–	–	19.4	11.9	12	57
GV3-10 X	–	–	1.0	4.4	11	84	**GV3-10 X**	–	–	24.8	8.3	17	50
GV3-11	–	–	7.2	2.7	13	77	GV3-11	–	–	15.4	8.6	14	62
GV3-12	–	–	1.1	3.8	13	82	GV3-12	–	–	12.8	10.4	11	66
GV3-13	–	–	10.0	0.8	18	71	GV3-13	–	–	2.7	10.0	8.9	78
GV3-14	–	–	25.7	0.0	20	54	GV3-14	–	–	10.6	6.0	12	71
LEG 3	–	–	–	–	–	–	**LEG 3**	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	–	–	–	–	–	–
GV4-C	–	76	1.1	0.4	14	85	GV4-C	–	68	3.8	13.6	6.9	76
GV4-B	–	–	0.7	1.7	13	85	GV4-B	–	–	6.9	10.6	10	73
GV4-A	–	–	0.0	18.2	2.8	79	GV4-A	–	–	9.2	11.4	16	63
GV4-1	–	–	5.2	3.7	12	79	GV4-1	–	–	17.5	5.8	18	59
GV4-2	–	–	26.6	1.5	21	51	GV4-2	–	–	17.7	4.3	21	58
GV4-3	–	–	2.3	13.9	8.3	76	GV4-3	–	–	22.0	2.7	0.1	75
GV4-4 X	–	–	0.0	20.1	0.0	80	**GV4-4 X**	–	–	0.2	20.0	21	59
GV4-5	–	–	10.9	1.2	17	71	GV4-5	–	–	21.2	2.6	20	56
GV4-6	–	–	0.8	14.3	6.7	78	GV4-6	–	–	21.3	4.0	23	52
GV4-7	–	–	17.8	6.4	16	60	GV4-7	–	–	26.0	1.1	16	57
LEG 5	–	–	–	–	–	–	**LEG 6**	–	–	–	–	–	–
GV5-1	–	80	0.0	12.6	5.4	82	GV5-1	–	78	17.9	0.9	19	62
GV5-2	–	–	0.6	12.2	6.3	81	GV5-2	–	–	34.2	0.0	23	43
GV5-3	–	–	2.3	7.5	8.5	82	GV5-3	–	–	26.1	0.0	26	48
GV5-4	–	–	0.1	10.8	6.9	82	GV5-4	–	–	22.1	1.3	20	57
GV5-5	–	–	3.2	8.7	8.2	80	GV5-5	–	–	28.5	0.4	21	50
GV5-6	–	–	0.3	14.1	6.1	80	GV5-6	–	–	26.6	1.1	20	52
GV5-7	–	–	0.9	15.1	5.3	79	GV5-7	–	–	28.8	0.5	21	50
GV5-8	–	–	0.0	17.9	2.4	80	GV5-8	–	–	0.4	18.4	1.0	80
GV5-9	–	–	0.0	19.3	1.2	80	GV5-9	–	–	0.2	17.4	3.1	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES Landtec GA 90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 05 to Mar 11, 2012						Week of:	Mar 19 to Mar 25, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	18.4	6.0	17	59	EW-1	--	--	13.4	3.1	20	64
EW-2	--	--	0.3	2.4	10.0	87	EW-2	--	--	0.1	11.9	7.1	81
EW-3	--	--	15.8	2.5	16	66	EW-3	--	--	22.8	0.9	19	57
EW-4	--	--	31.8	0.0	25	43	EW-4	--	--	20.0	0.0	23	57
EW-5	--	--	40.7	0.0	27	32	EW-5	--	--	27.6	0.0	2.0	70
EW-6	--	--	28.1	0.0	22	50	EW-6	--	--	19.4	0.0	24	57
EW-7	--	--	33.4	0.0	25	42	EW-7	--	--	21.9	0.0	25	53
EW-8	--	--	39.5	0.0	28	33	EW-8	--	--	22.7	0.0	25	62
EW-9	--	--	40.0	0.0	28	32	EW-9	--	--	32.7	0.0	28	39
EW-10	--	--	0.2	11.7	5.7	82	EW-10	--	--	4.7	9.5	7.9	78
EW-11	--	--	0.0	20.2	0.1	80	EW-11	--	--	4.4	12.6	7.4	76
EW-12	--	--	1.9	13.9	4.8	79	EW-12	--	--	4.5	12.3	7.4	76
SW1	--	--	38.2	0.0	26	36	SW1	--	--	36.6	0.0	31	32
SW2	--	--	38.9	0.0	27	34	SW2	--	--	38.5	0.0	34	28
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	16.4	0.0	31	53	NW1	--	--	8.8	0.0	20	71
NW2	--	--	42.1	0.0	40	18	NW2	--	--	31.9	0.0	29	39
NW3	--	--	49.6	0.0	42	8	NW3	--	--	33.2	0.0	30	37
NW4	--	--	8.0	0.0	17	75	NW4	--	--	15.9	0.0	19	65
NW5	--	--	5.1	0.0	17	78	NW5	--	--	11.3	0.0	21	68
NW6	--	--	16.5	0.6	21	62	NW6	--	--	32.1	0.0	28	40
NW7	--	--	50.3	0.0	45	4	NW7	--	--	48.3	0.0	32	20
NW8	--	--	5.6	0.0	11	83	NW8	--	--	7.5	0.0	18	75
WC1	--	--	--	--	--	--	WC1	--	--	42.5	0.0	32	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a CES-Landtec GA-90 calibrated to 15% CH4, 15% CO2 & 4% O2 by volume.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

3098-7

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

May 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #207 – April 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for April 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #207 – April 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of April 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (May 2012)

- Develop Monthly Progress Report #207 summarizing activities in April 2012;
- Perform the second quarter 2012 combustible gas indicator (CGI) checks;
- Perform the annual flare inlet gas sampling; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (May 2012)

- May 10 - Anticipated submittal of the April 2012 MPR to U.S. EPA;
- May 15 - Perform 2nd quarter 2012 CGI checks; and,
- May 15 - Collect the annual flare inlet gas sample.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	04/10	U.S. EPA	Monthly Progress Report for the Month of March 2012; and,
dmi e-mail	04/25	U.S. EPA	Annual Flare Influent Gas Sampling Notice.

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/13/2012

Subject: LFG Monitoring Summary - Week of 04/02/12 - 04/08/12

Summary: All CPs remained in compliance this two week period.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 to 360 mins. ON and 1080 to 1140 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 7, 2012 with temps of 37° to 59°F and clear conditions.
Vacuum readings were last taken on April 7, 2012
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/2/2012	6:30#	–	8:30	9:00#	–	–	–	–	0.5
4/3/2012	–	–	8:30#	–	–	–	–	–	0.0
4/4/2012	–	–	5:00	–	–	11:00	–	–	6.0
4/5/2012	–	–	5:00	–	–	11:00	–	–	6.0
4/6/2012	5:00#	–	6:00	–	–	11:00	–	–	5.0
4/7/2012	5:00#	–	6:00	–	–	11:00	–	–	5.0
4/8/2012	–	–	5:00	–	–	11:00	–	–	6.0
								Total Hrs. =	28.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/2/2012	–	–	–	–	–
4/3/2012	–	–	–	–	–
4/4/2012	–	–	–	–	–
4/5/2012	–	–	–	–	–
4/6/2012	CPs 1-5, TGP/GP	1:30 - 4:30P	0.0	30.01 - 29.96	R
4/7/2012	TGP/GP, GVs, E&SW	9:00A - 1:00P	0.0	29.85 - 29.84	F
4/8/2012	–	–	–	–	–

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	2-Apr		3-Apr		4-Apr		5-Apr		6-Apr		7-Apr		8-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	–	–	–	–	–	–	–	–	0.0	18.8	–	–	–	–
CP1-2	–	–	–	–	–	–	–	–	0.0	18.3	–	–	–	–
CP1-3	–	–	–	–	–	–	–	–	0.0	18.2	–	–	–	–
CP1-4	–	–	–	–	–	–	–	–	0.0	18.4	–	–	–	–
CP1-5	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
CP1-7	–	–	–	–	–	–	–	–	0.0	17.7	–	–	–	–
CP1-9	–	–	–	–	–	–	–	–	0.0	17.1	–	–	–	–
CP1-11	–	–	–	–	–	–	–	–	0.0	16.0	–	–	–	–
CP1-13	–	–	–	–	–	–	–	–	0.0	15.7	–	–	–	–
GP-01 (for CP1-14)	–	–	–	–	–	–	–	–	0.0	15.8	–	–	–	–
GP-02 (for CP1b-1R)	–	–	–	–	–	–	–	–	0.0	17.1	–	–	–	–
CP1b-2R	–	–	–	–	–	–	–	–	0.0	19.6	–	–	–	–
CP1b-4R	–	–	–	–	–	–	–	–	0.0	19.6	–	–	–	–
CP1b-6R	–	–	–	–	–	–	–	–	0.0	19.8	–	–	–	–
TGP1b-E	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
TGP1b-A	–	–	–	–	–	–	–	–	0.0	18.4	–	–	–	–
TGP1b-F	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
TGP1b-B	–	–	–	–	–	–	–	–	0.0	14.8	–	–	–	–
TGP1b-G	–	–	–	–	–	–	–	–	0.0	17.7	–	–	–	–
TGP1b-C	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
TGP1b-H	–	–	–	–	–	–	–	–	0.0	14.7	–	–	–	–
TGP1b-D	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
GP-03	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
TGP-82	–	–	–	–	–	–	–	–	0.0	16.4	–	–	–	–
GP-04	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
TGP-83	–	–	–	–	–	–	–	–	0.0	14.8	–	–	–	–
CP2-1	–	–	–	–	–	–	–	–	0.0	17.7	–	–	–	–
CP2-2	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
CP2-4R	–	–	–	–	–	–	–	–	0.0	14.7	–	–	–	–
CP2-5R	–	–	–	–	–	–	–	–	0.0	20.2	–	–	–	–
CP-6R	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
CP2-7	–	–	–	–	–	–	–	–	0.0	18.7	–	–	–	–
CP2-9	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
TGP-06	–	–	–	–	–	–	–	–	0.0	18.1	–	–	–	–
TGP-East	–	–	–	–	–	–	–	–	0.0	18.6	–	–	–	–
TGP-Dads	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
CP3-1RR	–	–	–	–	–	–	–	–	0.0	18.7	–	–	–	–
CP3-2R	–	–	–	–	–	–	–	–	0.0	18.7	–	–	–	–
CP3-4R	–	–	–	–	–	–	–	–	0.0	19.2	–	–	–	–
CP3-5R	–	–	–	–	–	–	–	–	0.0	17.9	–	–	–	–
CP3-7R	–	–	–	–	–	–	–	–	0.0	16.8	–	–	–	–
CP3-8R	–	–	–	–	–	–	–	–	0.0	19.0	–	–	–	–
CP3-9	–	–	–	–	–	–	–	–	0.0	18.2	–	–	–	–
CP3-10R	–	–	–	–	–	–	–	–	0.0	19.8	–	–	–	–
CP3-12R	–	–	–	–	–	–	–	–	0.0	20.4	–	–	–	–
CP3-13R	–	–	–	–	–	–	–	–	0.0	20.3	–	–	–	–
CP3-14R	–	–	–	–	–	–	–	–	0.0	20.0	–	–	–	–
CP3-15R	–	–	–	–	–	–	–	–	0.0	20.3	–	–	–	–
TGP-89	–	–	–	–	–	–	–	–	0.0	19.3	–	–	–	–
CP4-A	–	–	–	–	–	–	–	–	0.0	20.0	–	–	–	–
CP4-B	–	–	–	–	–	–	–	–	0.0	15.1	–	–	–	–
CP4-C	–	–	–	–	–	–	–	–	0.0	18.4	–	–	–	–
CP4-1	–	–	–	–	–	–	–	–	0.0	9.6	–	–	–	–
CP4-2	–	–	–	–	–	–	–	–	0.0	18.9	–	–	–	–
CP4-3	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
CP4-4	–	–	–	–	–	–	–	–	0.0	19.4	–	–	–	–
CP4-6	–	–	–	–	–	–	–	–	0.0	20.1	–	–	–	–
CP5-1R	–	–	–	–	–	–	–	–	0.0	18.4	–	–	–	–
CP5-3R	–	–	–	–	–	–	–	–	0.0	16.8	–	–	–	–
CP5-4R	–	–	–	–	–	–	–	–	0.0	17.2	–	–	–	–
CP5-6	–	–	–	–	–	–	–	–	0.0	16.8	–	–	–	–
CP5-8	–	–	–	–	–	–	–	–	0.0	15.9	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	2-Apr		3-Apr		4-Apr		5-Apr		6-Apr		7-Apr		8-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-78	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	20.7	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	11.5	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--

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(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 19 to Mar 25, 2012						Week of:	Apr 02 to Apr 08, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	–	–	–	–	–	–	**LEG 1**	-3.72	–	–	–	–	–
GV1-1	–	44	0.1	17.6	3.7	79	GV1-1	–	40	0.6	3.6	17	79
GV1-2	–	40	10.8	13.5	10	66	GV1-2	–	38	17.2	5.1	18	60
GV1-3	–	56	18.6	0.0	25	56	GV1-3	–	38	12.1	1.8	21	65
GV1-4	–	62	26.1	0.0	28	46	GV1-4	–	40	15.7	0.1	25	59
GV1-5	–	64	24.7	0.0	27	48	GV1-5	–	44	16.6	0.1	23	58
GV1-6	–	70	21.2	0.0	26	53	GV1-6	–	44	18.0	0.0	24	58
GV1-7	–	62	0.3	19.1	0.2	80	GV1-7	–	38	0.2	17.5	1.0	81
GV1-8	–	62	22.5	0.0	26	52	GV1-8	–	42	7.6	3.9	19	70
GV1-9	–	60	22.1	0.0	26	52	GV1-9	–	40	4.9	0.5	19	76
GV1-10X	–	66	19.0	0.0	25	56	**GV1-10X**	–	40	6.4	3.4	18	72
GV1-11	–	62	5.1	0.2	18	77	GV1-11	–	42	8.2	2.2	18	72
GV1-12	–	78	15.8	0.0	24	60	GV1-12	–	38	11.3	3.5	18	67
GV1-13	–	52	5.9	0.0	19	75	GV1-13	–	36	4.6	3.8	18	76
LEG 1b	–	–	–	–	–	–	**LEG 1b**	-2.44	–	–	–	–	–
GV1b-1	–	48	3.8	13.3	6.7	76	GV1b-1	–	40	0.0	18.7	0.3	81
GV1b-2	–	56	0.3	13.9	5.0	81	GV1b-2	–	38	0.0	20.1	0.1	80
GV1b-3	–	64	4.4	11.9	7.5	76	GV1b-3	–	40	0.0	19.1	5.6	75
GV1b-4	–	64	1.2	3.3	13	83	GV1b-4	–	40	0.1	14.2	17	69
GV1b-5	–	–	1.9	3.3	13	82	GV1b-5	–	–	0.3	2.8	16	81
LEG 2	–	–	–	–	–	–	**LEG 2**	-0.51	–	–	–	–	–
GV2-1	–	64	8.7	10.1	10	71	GV2-1	–	60	2.2	16.3	4.9	77
GV2-2	–	70	6.1	10.2	9.4	74	GV2-2	–	66	0.3	15.8	5.1	79
GV2-3	–	70	5.4	8.3	10	76	GV2-3	–	70	1.5	9.1	9.1	80
GV2-4	–	76	5.2	6.4	11	77	GV2-4	–	82	1.6	9.3	9.3	80
LEG 3	–	–	–	–	–	–	**LEG 3**	-0.43	–	–	–	–	–
GV3-1	–	–	53.3	0.0	31	16	GV3-1	–	–	55.4	0.0	30	15
GV3-2	–	–	48.9	0.0	29	22	GV3-2	–	–	19.2	0.0	27	54
GV3-3	–	–	47.2	1.0	29	23	GV3-3	–	–	0.2	16.2	4.4	79
GV3-4	–	62	47.2	1.1	28	24	GV3-4	–	60	3.6	7.7	13	76
GV3-5	–	–	48.6	1.5	28	24	GV3-5	–	–	3.8	6.8	12	77
GV3-6	–	–	30.5	6.5	19	44	GV3-6	–	–	0.9	11.3	6.9	81
GV3-7	–	–	3.5	16.6	4.2	76	GV3-7	–	–	0.2	16.5	3.1	80
GV3-8	–	–	20.4	9.2	15	55	GV3-8	–	–	6.1	7.1	12	75
GV3-9	–	–	19.4	11.9	12	57	GV3-9	–	–	1.4	7.1	10	82
GV3-10 X	–	–	24.8	8.3	17	50	**GV3-10 X**	–	–	0.3	11.8	7.4	81
GV3-11	–	–	15.4	8.6	14	62	GV3-11	–	–	4.4	9.8	10	76
GV3-12	–	–	12.6	10.4	11	66	GV3-12	–	–	0.5	15.6	4.0	80
GV3-13	–	–	2.7	10.0	8.9	78	GV3-13	–	–	0.7	8.4	12	79
GV3-14	–	–	10.6	8.0	12	71	GV3-14	–	–	29.3	0.7	21	49
LEG 3	–	–	–	–	–	–	***LEG 3***	–	–	–	–	–	–
LEG 4	–	–	–	–	–	–	**LEG 4**	-0.55	–	–	–	–	–
GV4-C	–	66	3.8	13.6	6.9	76	GV4-C	–	70	1.3	0.0	15	84
GV4-B	–	–	8.9	10.6	10	73	GV4-B	–	–	1.3	1.3	14	83
GV4-A	–	–	9.2	11.4	16	63	GV4-A	–	–	0.1	17.4	0.4	82
GV4-1	–	–	17.5	5.6	18	59	GV4-1	–	–	2.2	14.1	5.3	78
GV4-2	–	–	17.7	4.3	21	58	GV4-2	–	–	4.0	2.8	19	74
GV4-3	–	–	22.0	2.7	0.1	75	GV4-3	–	–	4.0	8.2	11	77
GV4-4 X	–	–	0.2	20.0	21	59	**GV4-4 X**	–	–	0.0	19.5	0.3	80
GV4-5	–	–	21.2	2.6	20	56	GV4-5	–	–	12.1	5.6	16	66
GV4-6	–	–	21.3	4.0	23	52	GV4-6	–	–	1.0	10.1	9.1	80
GV4-7	–	–	26.0	1.1	16	57	GV4-7	–	–	11.8	0.8	20	67
LEG 5	–	–	–	–	–	–	**LEG 5**	-0.68	–	–	–	–	–
GV5-1	–	78	17.9	0.9	19	62	GV5-1	–	78	19.6	6.1	17	57
GV5-2	–	–	34.2	0.0	23	43	GV5-2	–	–	31.3	0.0	25	44
GV5-3	–	–	26.1	0.0	26	48	GV5-3	–	–	20.8	5.6	17	56
GV5-4	–	–	22.1	1.3	20	57	GV5-4	–	–	15.9	9.0	13	62
GV5-5	–	–	28.5	0.4	21	50	GV5-5	–	–	14.7	10.2	12	63
GV5-6	–	–	28.6	1.1	20	52	GV5-6	–	–	14.6	8.5	14	63
GV5-7	–	–	28.8	0.5	21	50	GV5-7	–	–	18.4	9.1	14	61
GV5-8	–	–	0.4	18.4	1.0	80	GV5-8	–	–	0.1	18.8	0.9	80
GV5-9	–	–	0.2	17.4	3.1	79	GV5-9	–	–	0.0	19.4	0.9	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 19 to Mar 25, 2012						Week of:	Apr 02 to Apr 08, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	13.4	3.1	20	64	EW-1	-2.17	--	7.8	4.1	13	75
EW-2	--	--	0.1	11.9	7.1	81	EW-2	-1.78	--	0.0	9.7	10.0	80
EW-3	--	--	22.8	0.9	19	57	EW-3	-0.86	--	11.8	3.9	17	67
EW-4	--	--	20.0	0.0	23	57	EW-4	--	--	15.2	0.0	21	64
EW-5	--	--	27.6	0.0	2.0	70	EW-5	--	--	29.4	0.0	26.0	45
EW-6	--	--	19.4	0.0	24	57	EW-6	--	--	23.9	0.0	24	52
EW-7	--	--	21.9	0.0	25	53	EW-7	--	--	22.5	0.0	24	54
EW-8	--	--	22.7	0.0	25	52	EW-8	--	--	23.8	0.0	24	52
EW-9	--	--	32.7	0.0	28	39	EW-9	--	--	31.7	0.0	27	41
EW-10	--	--	4.7	9.5	7.9	78	EW-10	-0.85	--	0.6	2.9	13.0	84
EW-11	--	--	4.4	12.8	7.4	76	EW-11	-2.20	--	0.2	17.2	0.8	82
EW-12	--	--	4.5	12.9	7.4	76	EW-12	-1.82	--	2.2	10.2	8.8	79
SW1	--	--	36.6	0.0	31	32	SW1	--	--	33.7	0.0	29	37
SW2	--	--	38.5	0.0	34	28	SW2	--	--	39.0	0.0	32	29
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.8	0.0	20	71	NW1	--	--	5.8	0.7	19	75
NW2	--	--	31.9	0.0	29	39	NW2	--	--	32.2	0.0	27	41
NW3	--	--	33.2	0.0	30	37	NW3	--	--	32.8	0.0	28	39
NW4	--	--	15.9	0.0	19	65	NW4	--	--	17.8	0.0	19	63
NW5	--	--	11.3	0.0	21	68	NW5	--	--	8.5	0.0	19	73
NW6	--	--	32.1	0.0	28	40	NW6	--	--	31.3	0.0	25	44
NW7	--	--	48.3	0.0	32	20	NW7	--	--	53.5	0.0	30	17
NW8	--	--	7.5	0.0	18	75	NW8	--	--	6.1	0.0	16	78
WC1	--	--	42.5	0.0	32	26	WC1	--	--	42.1	0.0	30	28
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	-4.00+	-4.00+	--	--	--	--	FLARE 90	-4.00+	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/28/2012

Subject: LFG Monitoring Summary - Week of 04/16/12 - 04/22/12

Summary: All CPs remained in compliance this two week period.
There were four (4) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to mins. ON and 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 21, 2012 with temps around 42°F and overcast conditions.
Vacuum readings were last taken on April 7, 2012
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/16/2012	6:30#	–	5:00	11:00	–	–	–	–	6.0
4/17/2012	–	–	5:00#	–	–	–	–	–	0.0
4/18/2012	–	–	–	–	–	–	–	–	0.0
4/19/2012	–	–	7:00	10:00#	–	–	–	–	3.0
4/20/2012	–	–	11:00	–	–	5:00	–	–	6.0
4/21/2012	5:00#	–	11:00	–	–	5:00	–	–	6.0
4/22/2012	–	–	11:00	–	–	5:00	–	–	6.0
								Total Hrs. =	27.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/16/2012	–	–	–	–	–
4/17/2012	–	–	–	–	–
4/18/2012	–	–	–	–	–
4/19/2012	–	–	–	–	–
4/20/2012	CPs 1-5, TGP/GP	11:00A - 4:00P	0.0	29.81 - 29.74	F
4/21/2012	TGP/GP, GVs, E&SW	9:00A - 1:00P	0.0	29.91 - 29.95	R
4/22/2012	–	–	–	–	–

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	16-Apr		17-Apr		18-Apr		19-Apr		20-Apr		21-Apr		22-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	11.1	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	11.5	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	14.0	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	9.4	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	16-Apr		17-Apr		18-Apr		19-Apr		20-Apr		21-Apr		22-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	12.7	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	11.0	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 02 to Apr 08, 2012						Week of:	Apr 16 to Apr 22, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-3.72	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	40	0.6	3.6	17	79	GV1-1	--	40	5.2	0.0	5.2	90
GV1-2	--	38	17.2	5.1	18	60	GV1-2	--	38	28.2	2.0	28	42
GV1-3	--	38	12.1	1.8	21	65	GV1-3	--	46	26.7	0.0	27	46
GV1-4	--	40	15.7	0.1	25	59	GV1-4	--	50	30.6	0.0	31	38
GV1-5	--	44	18.6	0.1	23	58	GV1-5	--	50	23.6	0.5	24	52
GV1-6	--	44	18.0	0.0	24	58	GV1-6	--	40	12.1	9.5	12	66
GV1-7	--	38	0.2	17.5	1.0	81	GV1-7	--	44	0.2	17.0	0.2	83
GV1-8	--	42	7.6	3.9	19	70	GV1-8	--	50	8.6	1.4	8.6	81
GV1-9	--	40	4.9	0.5	19	76	GV1-9	--	60	6.7	3.8	6.7	83
GV1-10X	--	40	6.4	3.4	18	72	**GV1-10X**	--	--	5.5	9.4	5.5	80
GV1-11	--	42	8.2	2.2	18	72	GV1-11	--	--	0.1	18.5	0.1	81
GV1-12	--	38	11.3	3.5	18	67	GV1-12	--	--	11.3	3.2	11	75
GV1-13	--	36	4.6	3.8	16	76	GV1-13	--	--	2.0	11.6	2.0	84
LEG 1b	-2.44	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	40	0.0	18.7	0.3	81	GV1b-1	--	--	1.1	14.4	5.6	78
GV1b-2	--	36	0.0	20.1	0.1	80	GV1b-2	--	--	4.3	9.5	12	74
GV1b-3	--	40	0.0	19.1	5.6	75	GV1b-3	--	--	4.2	12.4	8.0	75
GV1b-4	--	40	0.1	14.2	17	69	GV1b-4	--	--	0.3	12.8	8.7	80
GV1b-5	--	--	0.3	2.8	18	81	GV1b-5	--	58	0.3	19.1	1.4	79
LEG 2	-0.51	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	60	2.2	16.3	4.9	77	GV2-1	--	60	2.3	16.3	5.4	76
GV2-2	--	66	0.3	15.8	5.1	79	GV2-2	--	60	0.1	16.2	5.4	78
GV2-3	--	70	1.5	9.1	9.1	80	GV2-3	--	72	6.1	8.2	14	72
GV2-4	--	82	1.6	8.3	9.3	80	GV2-4	--	82	5.5	8.6	11	75
LEG 3	-0.43	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	55.4	0.0	30	15	GV3-1	--	--	57.0	0.0	31	12
GV3-2	--	--	19.2	0.0	27	54	GV3-2	--	--	36.6	3.7	23	37
GV3-3	--	--	0.2	16.2	4.4	79	GV3-3	--	--	0.9	13.5	6.5	79
GV3-4	--	80	3.6	7.7	13	76	GV3-4	--	58	8.7	4.3	16	71
GV3-5	--	--	3.6	6.8	12	77	GV3-5	--	--	5.6	3.5	13	78
GV3-6	--	--	0.9	11.3	6.9	81	GV3-6	--	--	3.3	2.1	15	80
GV3-7	--	--	0.2	16.5	3.1	80	GV3-7	--	--	0.1	8.7	9.0	82
GV3-8	--	--	6.1	7.1	12	75	GV3-8	--	--	0.0	4.3	12	84
GV3-9	--	--	1.4	7.1	10	82	GV3-9	--	--	6.6	4.8	13	76
GV3-10 X	--	--	0.3	11.8	7.4	81	**GV3-10 X**	--	--	0.2	7.8	10	82
GV3-11	--	--	4.4	9.8	10	76	GV3-11	--	--	0.2	6.0	13	81
GV3-12	--	--	0.5	15.8	4.0	80	GV3-12	--	--	0.0	9.3	9.4	81
GV3-13	--	--	0.7	8.4	12	79	GV3-13	--	--	3.9	3.0	17	76
GV3-14	--	--	29.3	0.7	21	49	GV3-14	--	--	22.4	2.5	18	57
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.55	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	70	1.3	0.0	15	84	GV4-C	--	70	1.3	0.0	16	83
GV4-B	--	--	1.3	1.3	14	83	GV4-B	--	--	1.1	0.3	15	84
GV4-A	--	--	0.1	17.4	0.4	82	GV4-A	--	--	0.1	19.3	0.3	80
GV4-1	--	--	2.2	14.1	5.3	78	GV4-1	--	--	13.2	5.2	16	66
GV4-2	--	--	4.0	2.8	19	74	GV4-2	--	--	15.8	2.5	21	61
GV4-3	--	--	4.0	8.2	11	77	GV4-3	--	--	6.1	7.6	12	74
GV4-4 X	--	--	0.0	19.5	0.3	80	**GV4-4 X**	--	--	0.0	19.0	0.4	81
GV4-5	--	--	12.1	5.8	16	66	GV4-5	--	--	23.1	2.1	23	52
GV4-6	--	--	1.0	10.1	9.1	80	GV4-6	--	--	5.4	6.9	11	77
GV4-7	--	--	11.8	0.8	20	67	GV4-7	--	--	25.4	0.0	23	52
LEG 5	-0.68	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	78	19.6	6.1	17	57	GV5-1	--	78	39.3	0.4	26	34
GV5-2	--	--	31.3	0.0	25	44	GV5-2	--	--	41.2	0.0	25	34
GV5-3	--	--	20.8	5.8	17	58	GV5-3	--	--	25.9	6.7	15	52
GV5-4	--	--	15.9	9.0	13	62	GV5-4	--	--	30.9	4.6	21	44
GV5-5	--	--	14.7	10.2	12	63	GV5-5	--	--	35.3	1.5	24	39
GV5-6	--	--	14.6	8.5	14	63	GV5-6	--	--	35.5	1.7	24	39
GV5-7	--	--	16.4	9.1	14	61	GV5-7	--	--	35.8	2.3	23	39
GV5-8	--	--	0.1	18.8	0.9	80	GV5-8	--	--	0.6	16.9	1.3	81
GV5-9	--	--	0.0	19.4	0.9	80	GV5-9	--	--	0.4	18.3	2.7	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 02 to Apr 08, 2012						Week of:	Apr 16 to Apr 22, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-2.17	–	7.8	4.1	13	75	EW-1	–	–	12.7	4.3	21	62
EW-2	-1.78	–	0.0	9.7	10.0	80	EW-2	–	–	0.0	11.6	9.1	79
EW-3	-0.86	–	11.8	3.9	17	67	EW-3	–	–	18.5	2.2	19	60
EW-4	–	–	15.2	0.0	21	64	EW-4	–	–	18.4	1.9	23	57
EW-5	–	–	29.4	0.0	26.0	45	EW-5	–	–	32.6	0.0	27	40
EW-6	–	–	23.9	0.0	24	52	EW-6	–	–	28.5	0.0	27	45
EW-7	–	–	22.5	0.0	24	54	EW-7	–	–	25.1	0.0	27	48
EW-8	–	–	23.8	0.0	24	52	EW-8	–	–	22.4	0.0	24	54
EW-9	–	–	31.7	0.0	27	41	EW-9	–	–	34.9	0.0	29	36
EW-10	-0.85	–	0.8	2.9	13.0	84	EW-10	–	–	0.7	6.3	10	83
EW-11	-2.20	–	0.2	17.2	0.8	82	EW-11	–	–	0.3	20.1	1.0	79
EW-12	-1.82	–	2.2	10.2	8.8	79	EW-12	–	–	2.6	10.3	9.4	78
SW1	–	–	33.7	0.0	29	37	SW1	–	–	37.1	0.0	31	32
SW2	–	–	39.0	0.0	32	29	SW2	–	–	38.5	0.0	33	29
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	5.8	0.7	19	75	NW1	–	–	11.7	0.7	22	66
NW2	–	–	32.2	0.0	27	41	NW2	–	–	37.8	0.0	30	32
NW3	–	–	32.8	0.0	28	39	NW3	–	–	36.6	0.0	31	33
NW4	–	–	17.8	0.0	19	63	NW4	–	–	23.7	0.0	23	53
NW5	–	–	8.5	0.0	19	73	NW5	–	–	7.5	10.3	8.5	74
NW6	–	–	31.3	0.0	25	44	NW6	–	–	37.9	0.0	33	28
NW7	–	–	53.5	0.0	30	17	NW7	–	–	37.7	0.0	33	29
NW8	–	–	6.1	0.0	18	76	NW8	–	–	8.9	0.0	21	70
WC1	–	–	42.1	0.0	30	28	WC1	–	–	42.6	0.0	31	26
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	-4.00+	-4.00+	–	–	–	–	FLARE 90	–	-4.00+	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

3098-1

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

June 8, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #208 – May 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for May 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #208 – May 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- The second quarter 2012 combustible gas indicator checks were performed on May 15, 2012;
- The annual flare inlet gas sample was collected on May 15, 2012; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of May 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (June 2012)

- Develop Monthly Progress Report #208 summarizing activities in May 2012;
- Receive the annual flare inlet gas sampling results; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (June 2012)

- June 10 - Anticipated submittal of the May 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	05/10	U.S. EPA	Monthly Progress Report for the Month of April 2012; and,

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/15/2012

Subject: LFG Monitoring Summary - Week of 04/30/12 - 05/06/12

Summary: All CPs remained in compliance this two week period.
There were two (2) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to mins. ON and 360 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 4, 2012 with high temps of 70 to 76°F and overcast conditions.
Vacuum readings were last taken on April 7, 2012
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/30/2012	--	--	--	--	--	--	--	--	0.0
5/1/2012	--	--	9:00	--	--	12:30	6:30#	--	3.5
5/2/2012	--	--	10:00	--	--	12:30	6:30	12:00	8.0
5/3/2012	0:00	0:30	6:30	--	--	12:30	6:30	12:00	12.0
5/4/2012	0:00	0:30	6:30	--	--	12:30	6:30	12:00	12.0
5/5/2012	0:00	0:30	6:30	--	--	12:30	6:30	12:00	12.0
5/6/2012	0:00	0:30	6:30#	--	--	--	--	--	0.5
								Total Hrs. =	48.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is set to EST plus 75 minutes.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/30/2012	--	--	--	--	--
5/1/2012	--	--	--	--	--
5/2/2012	--	--	--	--	--
5/3/2012	--	--	--	--	--
5/4/2012	CPs, TGP/GP, GVs, S&EWs	9:00A - 4:00 P	0.0	29.81 - 29.74	F
5/5/2012	--	--	--	--	--
5/6/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	30-Apr		1-May		2-May		3-May		4-May		5-May		6-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-Deds	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	30-Apr		1-May		2-May		3-May		4-May		5-May		6-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	13.5	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	10.3	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--

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(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 16 to Apr 22, 2012						Week of:	Apr 30 - May 06, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	40	5.2	0.0	5	90	GV1-1	--	68	1.9	17.3	4.1	77
GV1-2	--	36	28.2	2.0	28	42	GV1-2	--	68	16.8	9.8	14	59
GV1-3	--	46	26.7	0.0	27	46	GV1-3	--	70	22.5	0.0	26	52
GV1-4	--	50	30.6	0.0	31	38	GV1-4	--	70	28.5	0.0	26	46
GV1-5	--	50	23.6	0.6	24	52	GV1-5	--	72	18.0	0.1	24	58
GV1-6	--	40	12.1	9.5	12	66	GV1-6	--	70	9.1	5.0	17	69
GV1-7	--	44	0.2	17.0	0.2	83	GV1-7	--	72	0.1	19.8	0.2	80
GV1-8	--	50	8.6	1.4	9	81	GV1-8	--	74	8.1	0.0	21	71
GV1-9	--	60	6.7	3.8	7	83	GV1-9	--	72	7.1	0.3	24	69
GV1-10X	--	--	5.5	9.4	6	80	**GV1-10X**	--	70	8.0	1.5	19	72
GV1-11	--	--	0.1	18.5	0	81	GV1-11	--	72	11.3	1.0	19	69
GV1-12	--	--	11.3	3.2	11	75	GV1-12	--	--	11.2	1.2	19	69
GV1-13	--	--	2.0	11.6	2	84	GV1-13	--	--	5.2	0.0	19	76
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	1.1	14.4	5.6	79	GV1b-1	--	--	1.1	13.2	5.7	80
GV1b-2	--	--	4.3	9.5	12.0	74	GV1b-2	--	--	4.3	8.6	11	76
GV1b-3	--	--	4.2	12.4	8.0	75	GV1b-3	--	--	3.0	12.0	7.4	78
GV1b-4	--	--	0.3	12.8	7	80	GV1b-4	--	--	0.2	13.5	6.0	80
GV1b-5	--	58	0.3	19.1	1	79	GV1b-5	--	58	0.0	18.2	1.6	80
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	60	2.3	18.3	5.4	76	GV2-1	--	70	2.2	16.9	4.1	77
GV2-2	--	60	0.1	16.2	5.4	78	GV2-2	--	72	0.1	17.0	4.0	79
GV2-3	--	72	6.1	8.2	14.0	72	GV2-3	--	78	4.7	6.0	13	76
GV2-4	--	62	5.5	8.6	11.0	75	GV2-4	--	64	3.7	10.7	10	76
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	57.0	0.0	31	12	GV3-1	--	--	55.4	0.2	29	15
GV3-2	--	--	36.6	3.7	23	37	GV3-2	--	--	36.5	3.3	22	38
GV3-3	--	--	0.9	13.5	6.5	79	GV3-3	--	--	0.0	18.0	3.2	79
GV3-4	--	58	8.7	4.3	16	71	GV3-4	--	80	1.9	9.2	10	79
GV3-5	--	--	5.6	3.5	13	78	GV3-5	--	--	5.8	3.8	13	78
GV3-6	--	--	3.3	2.1	15.0	80	GV3-6	--	--	2.3	1.4	14	82
GV3-7	--	--	0.1	8.7	9.0	82	GV3-7	--	--	0.7	3.4	12	84
GV3-8	--	--	0.0	4.3	12	84	GV3-8	--	--	4.4	0.0	13	83
GV3-9	--	--	6.6	4.8	13	76	GV3-9	--	--	6.9	2.2	13	76
GV3-10 X	--	--	0.2	7.8	10.0	82	**GV3-10 X**	--	--	1.2	2.4	13	83
GV3-11	--	--	0.2	6.0	13	81	GV3-11	--	--	0.6	7.2	11	81
GV3-12	--	--	0.0	9.3	9.4	81	GV3-12	--	--	1.3	8.7	10	80
GV3-13	--	--	3.9	3.0	17	76	GV3-13	--	--	5.8	0.5	17	77
GV3-14	--	--	22.4	2.5	18	57	GV3-14	--	--	21.9	1.8	18	58
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	--	1.3	0.0	16	83	GV4-C	--	--	1.1	0.5	15	83
GV4-B	--	--	1.1	0.3	15	84	GV4-B	--	--	0.8	2.2	13	84
GV4-A	--	--	0.1	19.3	0.3	80	GV4-A	--	--	0.0	19.8	0.2	80
GV4-1	--	--	13.2	5.2	16.0	66	GV4-1	--	--	11.9	4.1	15	69
GV4-2	--	--	15.8	2.5	21	61	GV4-2	--	--	19.4	1.1	20	60
GV4-3	--	--	6.1	7.6	12	74	GV4-3	--	--	5.3	7.5	12	75
GV4-4 X	--	--	0.0	19.0	0.4	81	**GV4-4 X**	--	--	0.0	20.7	0.2	79
GV4-5	--	--	23.1	2.1	23	52	GV4-5	--	--	16.2	0.7	20	63
GV4-6	--	--	5.4	6.9	11.0	77	GV4-6	--	--	3.1	6.0	12	79
GV4-7	--	--	25.4	0.0	23	52	GV4-7	--	--	24.5	0.8	23	52
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	--	39.3	0.4	26	34	GV5-1	--	--	45.4	0.0	28	27
GV5-2	--	--	41.2	0.0	25	34	GV5-2	--	--	39.4	0.0	25	36
GV5-3	--	--	25.9	6.7	15	52	GV5-3	--	--	32.6	0.0	27	40
GV5-4	--	--	30.9	4.6	21	44	GV5-4	--	--	35.5	0.1	25	39
GV5-5	--	--	35.3	1.5	24	39	GV5-5	--	--	35.2	0.3	25	40
GV5-6	--	--	35.5	1.7	24	39	GV5-6	--	--	36.2	0.8	25	38
GV5-7	--	--	35.8	2.3	23	39	GV5-7	--	--	35.1	0.3	25	40
GV5-8	--	--	0.6	16.9	1.3	81	GV5-8	--	--	0.5	18.8	1.0	80
GV5-9	--	--	0.4	18.3	2.7	78	GV5-9	--	--	0.5	18.7	1.3	80

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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 16 to Apr 22, 2012						Week of:	Apr 30 - May 06, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-2.17	--	7.8	4.1	13	75	EW-1	--	--	8.5	10.0	13	71
EW-2	-1.78	--	0.0	9.7	10.0	80	EW-2	--	--	0.0	12.8	8.5	79
EW-3	-0.86	--	11.8	3.9	17	67	EW-3	--	--	16.1	3.6	17	63
EW-4	--	--	15.2	0.0	21	64	EW-4	--	--	22.5	0.0	22	56
EW-5	--	--	29.4	0.0	26.0	45	EW-5	--	--	24.3	0.0	22	54
EW-6	--	--	23.9	0.0	24	52	EW-6	--	--	25.6	0.0	24	50
EW-7	--	--	22.5	0.0	24	54	EW-7	--	--	23.8	0.0	23	53
EW-8	--	--	23.8	0.0	24	52	EW-8	--	--	27.2	0.0	25	48
EW-9	--	--	31.7	0.0	27	41	EW-9	--	--	36.8	0.0	28	37
EW-10	-0.85	--	0.6	2.9	13.0	84	EW-10	--	--	0.6	7.3	8.1	84
EW-11	-2.20	--	0.2	17.2	0.8	82	EW-11	--	--	0.3	19.8	1.0	79
EW-12	-1.82	--	2.2	10.2	8.8	79	EW-12	--	--	2.0	13.2	7.5	77
SW1	--	--	33.7	0.0	29	37	SW1	--	--	37.5	0.0	30	33
SW2	--	--	39.0	0.0	32	29	SW2	--	--	38.1	0.0	30	32
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	5.8	0.7	19	75	NW1	--	--	9.2	0.0	21	70
NW2	--	--	32.2	0.0	27	41	NW2	--	--	37.6	0.0	29	33
NW3	--	--	32.8	0.0	28	39	NW3	--	--	32.9	0.0	29	38
NW4	--	--	17.8	0.0	19	63	NW4	--	--	19.9	0.0	21	59
NW5	--	--	8.5	0.0	19	73	NW5	--	--	0.8	19.5	0.5	79
NW6	--	--	31.3	0.0	25	44	NW6	--	--	27.3	4.3	24	44
NW7	--	--	53.5	0.0	30	17	NW7	--	--	59.1	0.0	32	9
NW8	--	--	6.1	0.0	18	76	NW8	--	--	7.6	0.2	20	72
WC1	--	--	42.1	0.0	30	28	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	-4.00+	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

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(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/29/2012

Subject: LFG Monitoring Summary - Week of 05/14/12 - 05/20/12

Summary: All CPs remained in compliance this two week period.
There were two (2) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to mins. ON and 360 to 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 20, 2012 with high temps of 87 to 80°F and mostly cloudy conditions.
Vacuum readings were last taken on April 7, 2012
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/14/2012	5:00	11:00	--	--	5:00	11:00	11:00	12:00	7.0
5/15/2012	0:00	5:00	11:00	--	--	3:00	--	--	9.0
5/16/2012	--	--	8:30	--	--	12:00	--	--	3.5
5/17/2012	12:00#	--	7:00	--	--	1:30	--	--	6.5
5/18/2012	1:30	3:30#	--	--	--	--	--	--	2.0
5/19/2012	--	--	--	--	12:00	6:00	--	--	6.0
5/20/2012	--	--	--	--	12:00	6:00	--	--	6.0

Notes: # = Flare shut down during operation. Total Hrs. = 40.0

* = Flare reset to operate full time with propane.

@ = Flare reset to operate full time with methane.

+ = Other reason

Times represent Flare Clock which is currently about 80 minutes behind EST.

Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/14/2012	--	--	--	--	--
5/15/2012	--	--	--	--	--
5/16/2012	CPs, TGP/GPs	11:30A - 3:30P	0.0	29.08	S
5/17/2012	--	--	--	--	--
5/18/2012	--	--	--	--	--
5/19/2012	--	--	--	--	--
5/20/2012	GVs, S&EWs	6:00 - 8:30P	--	29.19 -29-16	F

Notes: CPs = Compliance Probes;

S&EW = Supplemental and Extraction Wells; and

Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.

Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%

Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6995, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 30 - May 06, 2012						Week of:	May 14 - May 20, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	68	1.9	17.3	4.1	77	GV1-1	--	80	13.5	9.9	14	63
GV1-2	--	68	16.8	9.8	14	59	GV1-2	--	78	27.2	3.0	29	41
GV1-3	--	70	22.5	0.0	26	52	GV1-3	--	82	23.9	0.0	27	49
GV1-4	--	70	28.5	0.0	26	46	GV1-4	--	82	29.3	0.0	27	44
GV1-5	--	72	18.0	0.1	24	58	GV1-5	--	78	19.8	0.0	25	55
GV1-6	--	70	9.1	5.0	17	69	GV1-6	--	78	13.8	0.8	23	62
GV1-7	--	72	0.1	19.8	0.2	80	GV1-7	--	76	0.2	19.2	0.4	80
GV1-8	--	74	8.1	0.0	21	71	GV1-8	--	82	7.2	0.5	21	71
GV1-9	--	72	7.1	0.3	24	69	GV1-9	--	82	9.1	1.1	21	69
GV1-10X	--	70	8.0	1.5	19	72	**GV1-10X**	--	76	9.0	1.1	20	70
GV1-11	--	72	11.3	1.0	19	69	GV1-11	--	76	11.1	1.5	20	67
GV1-12	--	--	11.2	1.2	19	69	GV1-12	--	--	12.9	2.2	20	65
GV1-13	--	--	5.2	0.0	19	76	GV1-13	--	--	5.7	0.0	20	74
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	1.1	13.2	5.7	80	GV1b-1	--	--	1.0	14.3	5.1	80
GV1b-2	--	--	4.3	8.6	11	76	GV1b-2	--	--	0.8	3.2	15	81
GV1b-3	--	--	3.0	12.0	7.4	78	GV1b-3	--	--	2.6	13.4	6.1	78
GV1b-4	--	--	0.2	13.5	6.0	80	GV1b-4	--	--	0.3	14.3	6.0	79
GV1b-5	--	58	0.0	18.2	1.6	80	GV1b-5	--	58	0.3	19.1	1.1	80
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	70	2.2	18.9	4.1	77	GV2-1	--	70	2.1	18.9	3.6	77
GV2-2	--	72	0.1	17.0	4.0	79	GV2-2	--	72	0.1	17.5	3.4	79
GV2-3	--	78	4.7	6.0	13	76	GV2-3	--	78	1.6	7.9	13	78
GV2-4	--	84	3.7	10.7	10	76	GV2-4	--	84	2.2	10.6	9.1	78
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	55.4	0.2	29	15	GV3-1	--	--	58.3	0.0	30	14
GV3-2	--	--	36.5	3.3	22	38	GV3-2	--	--	33.1	4.0	22	41
GV3-3	--	--	0.0	18.0	3.2	79	GV3-3	--	--	0.3	17.5	3.5	79
GV3-4	--	80	1.9	9.2	10	79	GV3-4	--	80	1.9	9.0	10	79
GV3-5	--	--	5.6	3.8	13	78	GV3-5	--	--	5.4	5.1	14	76
GV3-6	--	--	2.3	1.4	14	82	GV3-6	--	--	2.6	1.9	14	82
GV3-7	--	--	0.7	3.4	12	84	GV3-7	--	--	0.9	3.3	11	85
GV3-8	--	--	4.4	0.0	13	83	GV3-8	--	--	3.1	1.3	13	83
GV3-9	--	--	8.9	2.2	13	78	GV3-9	--	--	7.8	3.7	13	76
GV3-10 X	--	--	1.2	2.4	13	83	**GV3-10 X**	--	--	0.3	3.9	13	83
GV3-11	--	--	0.6	7.2	11	81	GV3-11	--	--	2.2	7.9	11	79
GV3-12	--	--	1.3	8.7	10	80	GV3-12	--	--	1.8	7.7	10	81
GV3-13	--	--	5.8	0.5	17	77	GV3-13	--	--	6.4	1.5	17	75
GV3-14	--	--	21.9	1.8	18	58	GV3-14	--	--	22.2	1.1	19	58
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	--	1.1	0.5	15	83	GV4-C	--	--	1.2	2.6	14	82
GV4-B	--	--	0.8	2.2	13	84	GV4-B	--	--	0.8	0.0	15	84
GV4-A	--	--	0.0	19.8	0.2	80	GV4-A	--	--	0.4	19.2	0.5	80
GV4-1	--	--	11.9	4.1	15	69	GV4-1	--	--	10.7	5.9	14	69
GV4-2	--	--	19.4	1.1	20	60	GV4-2	--	--	16.6	8.0	20	55
GV4-3	--	--	5.3	7.5	12	75	GV4-3	--	--	4.0	8.5	11	77
GV4-4 X	--	--	0.0	20.7	0.2	79	**GV4-4 X**	--	--	0.1	19.8	0.2	80
GV4-5	--	--	16.2	0.7	20	63	GV4-5	--	--	16.7	0.9	21	61
GV4-6	--	--	3.1	8.0	12	79	GV4-6	--	--	1.7	9.7	9.0	80
GV4-7	--	--	24.5	0.8	23	52	GV4-7	--	--	23.2	1.1	23	53
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	--	45.4	0.0	28	27	GV5-1	--	--	46.3	0.0	30	24
GV5-2	--	--	39.4	0.0	25	36	GV5-2	--	--	42.3	0.0	28	32
GV5-3	--	--	32.8	0.0	27	40	GV5-3	--	--	33.8	0.0	26	40
GV5-4	--	--	35.5	0.1	25	39	GV5-4	--	--	37.2	0.0	27	36
GV5-5	--	--	35.2	0.3	25	40	GV5-5	--	--	36.7	0.0	27	36
GV5-6	--	--	36.2	0.8	25	38	GV5-6	--	--	38.7	0.0	27	34
GV5-7	--	--	35.1	0.3	25	40	GV5-7	--	--	37.7	0.0	27	35
GV5-8	--	--	0.5	18.6	1.0	80	GV5-8	--	--	0.4	19.5	0.3	80
GV5-9	--	--	0.5	18.7	1.3	80	GV5-9	--	--	0.2	20.3	0.1	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 30 - May 06, 2012						Week of:	May 14 - May 20, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-2.17	--	7.8	4.1	13	75	EW-1	--	--	5.4	10.5	14	70
EW-2	-1.78	--	0.0	9.7	10	80	EW-2	--	--	0.1	13.1	15	72
EW-3	-0.65	--	11.8	3.9	17	67	EW-3	--	--	13.9	5.3	0.5	80
EW-4	--	--	15.2	0.0	21	64	EW-4	--	--	32.9	0.0	21	46
EW-5	--	--	29.4	0.0	26	45	EW-5	--	--	44.1	0.0	25	31
EW-6	--	--	23.9	0.0	24	52	EW-6	--	--	26.3	0.0	21	53
EW-7	--	--	22.5	0.0	24	54	EW-7	--	--	21.7	0.0	22	56
EW-8	--	--	23.8	0.0	24	52	EW-8	--	--	24.9	0.0	26	49
EW-9	--	--	31.7	0.0	27	41	EW-9	--	--	24.7	0.0	25	50
EW-10	-0.65	--	0.6	2.9	13.0	84	EW-10	--	--	0.6	7.7	8.1	84
EW-11	-2.20	--	0.2	17.2	0.8	82	EW-11	--	--	0.3	19.7	1.0	79
EW-12	-1.82	--	2.2	10.2	8.8	79	EW-12	--	--	1.3	14.0	6.5	78
SW1	--	--	33.7	0.0	29	37	SW1	--	--	37.5	0.0	30	33
SW2	--	--	39.0	0.0	32	29	SW2	--	--	38.1	0.0	30	32
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	5.8	0.7	19	75	NW1	--	--	7.4	1.2	20	71
NW2	--	--	32.2	0.0	27	41	NW2	--	--	37.2	0.0	30	33
NW3	--	--	32.8	0.0	28	39	NW3	--	--	32.5	0.0	30	38
NW4	--	--	17.8	0.0	19	63	NW4	--	--	19.5	0.1	22	58
NW5	--	--	8.5	0.0	19	73	NW5	--	--	2.0	17.5	2.5	78
NW6	--	--	31.3	0.0	25	44	NW6	--	--	30.7	0.0	30	39
NW7	--	--	53.5	0.0	30	17	NW7	--	--	60.6	0.0	34	5
NW8	--	--	6.1	0.0	18	76	NW8	--	--	8.3	0.0	20	72
WC1	--	--	42.1	0.0	30	28	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	-4.00+	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

July 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #209 – June 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for June 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #209 – June 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of June 2012 are presented in Attachment A of this report.

- On May 15, 2012 the VRAC's contractor (SCS Engineers) performed the annual LGAS influent sampling event. The three summa canister samples were sent to a laboratory (TestAmerica) for Method 25C (non-methane organic compounds/NMOC) and Method 3C (primary gases) analysis. The results (provided as Attachment B to this report) were compared to similar sampling and analyses performed in May 2000, prior to the full scale stack test, and May 2011, the last inlet sampling test. The 2012 sampling results are summarized in the table below:

Sample Date / Test Method	May 15, 2012		
	25C NMOC (ppmc)* (Note 1)	3C CH4 (% vol.)	3C O2 (% vol.)
Run #1	128	11	10
Run #2	120	10	10
Run #3	139	11	10
Average	129	11	10

* ppmc = parts per million reported as Carbon

E. Site Data (Continued)

Note: (1) Method 25C normally requires a NMOC correction for high levels of nitrogen in the sample to adjust for the presence of air. Since the purpose of this test is to evaluate the actual gas being burned in the LGAS flare, the nitrogen correction is not applicable in this case. Historically, SCS has either requested that the lab not make the correction or reported both the corrected and uncorrected NMOC results. Last year, the TestAmerica (TA) lab started using a new computer system that automatically corrects the NMOC results for nitrogen. The NMOC results reported in the lab result summary is therefore not comparable to the results prior to last year. The raw, uncorrected NMOC results are found on pages 139, 150, and 161 of the Analytical Results data package in the Method 25C detail section. The NMOC result, not corrected for nitrogen, is the raw NMOC result multiplied by the sample NMOC dilution factor. The above NMOC results represent the comparable uncorrected NMOC concentrations in the sampled gas.

The average actual NMOC content of the gas being collected by the LGAS in 2012 and sent to the flare is less than ten percent of the amount measured in year 2000 (an average of 1,676 ppmc of NMOC). Compared to the samples taken last year, the NMOC is about half of the 2011 result, consistent with the level of methane in the gas being lower in 2012 compared to the 2011 sampling.

F. Planned Activities for the Next Reporting Period (July 2012)

- Develop Monthly Progress Report #209 summarizing activities in June 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (July 2012)

- July 10 - Anticipated submittal of the June 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	06/08	U.S. EPA	Monthly Progress Report for the Month of May 2012

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/20/2012

Subject: LFG Monitoring Summary - Week of 05/28/12 - 06/03/12

Summary: All CPs remained in compliance this two week period.
There were five (5) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to mins. ON and 360 to 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 3, 2012 with temps of 77 to 72°F and scattered clouds.
Vacuum readings were last taken on June 3, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON"-Hours
5/28/2012	5:30	7:00#	--	--	--	--	--	--	1.5
5/29/2012	--	--	--	--	5:30#	--	--	--	0.0
5/30/2012	5:30	6:00#	7:00	11:30	--	--	5:30	11:30	11.0
5/31/2012	5:30	--	--	11:30	--	--	5:30	11:30	12.0
6/1/2012	5:30	9:00#	--	--	--	--	--	--	3.5
6/2/2012	--	--	11:00	11:30#	--	--	--	--	0.5
6/3/2012	--	--	--	--	5:00	11:00	--	--	6.0
								Total Hrs. =	34.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/28/2012	--	--	--	--	--
5/29/2012	--	--	--	--	--
5/30/2012	--	--	--	--	--
5/31/2012	--	--	--	--	--
6/1/2012	CPs, TGP/GPs	12:00 - 4:00P	--	29.65 - 29.71	R
6/2/2012	--	--	--	--	--
6/3/2012	GVs, S&EWs	5:30 - 8:30P	--	29.80 - 29.81	R

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

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VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-May		29-May		30-May		31-May		1-Jun		2-Jun		3-Jun	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-B2	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-B3	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.7	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-B9	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	12.7	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	28-May		29-May		30-May		31-May		1-Jun		2-Jun		3-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	13.5	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	10.8	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	14.9	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 14 - May 20, 2012						Week of:	May 28 - Jun 3, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.92	--	--	--	--	--
GV1-1	--	80	13.5	9.9	14	63	GV1-1	--	58	9.9	0.5	23	67
GV1-2	--	78	27.2	3.0	29	41	GV1-2	--	48	31.3	0.9	29	39
GV1-3	--	82	23.9	0.0	27	49	GV1-3	--	--	29.7	0.0	30	40
GV1-4	--	82	29.3	0.0	27	44	GV1-4	--	58	32.9	0.0	33	34
GV1-5	--	78	19.8	0.0	25	55	GV1-5	--	--	23.0	0.0	28	49
GV1-6	--	78	13.8	0.8	23	62	GV1-6	--	--	21.8	0.0	28	50
GV1-7	--	76	0.2	19.2	0.4	80	GV1-7	--	--	0.4	16.9	23.0	60
GV1-8	--	82	7.2	0.5	21	71	GV1-8	--	70	6.3	0.4	23	70
GV1-9	--	82	9.1	1.1	21	69	GV1-9	--	--	7.3	0.0	23	70
GV1-10X	--	76	9.0	1.1	20	70	**GV1-10X**	--	--	7.5	0.2	23	69
GV1-11	--	76	11.1	1.5	20	67	GV1-11	--	--	9.5	1.3	23	66
GV1-12	--	--	12.9	2.2	20	65	GV1-12	--	--	13.0	0.8	23	63
GV1-13	--	--	5.7	0.0	20	74	GV1-13	--	--	5.5	0.0	22	73
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.25	--	--	--	--	--
GV1b-1	--	--	1.0	14.3	5.1	80	GV1b-1	--	--	0.5	13.6	6.3	80
GV1b-2	--	--	0.8	3.2	15	81	GV1b-2	--	--	0.8	11.2	8.9	79
GV1b-3	--	--	2.6	13.4	6.1	78	GV1b-3	--	--	0.9	16.1	6.7	76
GV1b-4	--	--	0.3	14.3	6.0	79	GV1b-4	--	--	0.1	11.6	8.2	80
GV1b-5	--	58	0.3	19.1	1.1	80	GV1b-5	--	60	0.1	17.9	1.6	80
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.20	--	--	--	--	--
GV2-1	--	70	2.1	16.9	3.6	77	GV2-1	--	70	1.0	18.3	3.8	79
GV2-2	--	72	0.1	17.5	3.4	79	GV2-2	--	76	0.0	18.2	1.5	80
GV2-3	--	78	1.6	7.9	13	78	GV2-3	--	80	0.0	11.5	8.7	80
GV2-4	--	84	2.2	10.6	9.1	78	GV2-4	--	80	0.6	17.1	2.5	80
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.13	--	--	--	--	--
GV3-1	--	--	56.3	0.0	30	14	GV3-1	--	--	44.8	3.0	26	26
GV3-2	--	--	33.1	4.0	22	41	GV3-2	--	--	19.6	9.3	18	53
GV3-3	--	--	0.3	17.5	3.5	79	GV3-3	--	--	0.7	13.2	7.3	78
GV3-4	--	80	1.9	9.0	10	79	GV3-4	--	80	0.5	13.8	7.9	78
GV3-5	--	--	5.4	5.1	14	76	GV3-5	--	--	3.7	5.7	18	73
GV3-6	--	--	2.6	1.9	14	82	GV3-6	--	--	1.3	4.2	14	81
GV3-7	--	--	0.9	3.3	11	85	GV3-7	--	--	0.2	5.2	12	83
GV3-8	--	--	3.1	1.3	13	83	GV3-8	--	--	0.7	3.2	14	82
GV3-9	--	--	7.8	3.7	13	76	GV3-9	--	--	4.5	4.7	13	78
GV3-10 X	--	--	0.3	3.9	13	83	**GV3-10 X**	--	--	0.1	8.2	11	81
GV3-11	--	--	2.2	7.9	11	79	GV3-11	--	--	0.9	7.4	13	79
GV3-12	--	--	1.8	7.7	10	81	GV3-12	--	--	0.8	13.4	6.3	80
GV3-13	--	--	6.4	1.5	17	75	GV3-13	--	--	0.3	8.9	12	79
GV3-14	--	--	22.2	1.1	19	58	GV3-14	--	--	17.4	8.9	14	62
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.22	--	--	--	--	--
GV4-C	--	--	1.2	2.6	14	82	GV4-C	--	68	1.0	4.1	14	81
GV4-B	--	--	0.8	0.0	15	84	GV4-B	--	--	0.1	19.6	0.3	80
GV4-A	--	--	0.4	19.2	0.5	80	GV4-A	--	--	0.0	19.8	0.1	80
GV4-1	--	--	10.7	5.9	14	69	GV4-1	--	--	7.6	6.7	12	74
GV4-2	--	--	16.6	8.0	20	55	GV4-2	--	--	10.9	4.1	17	68
GV4-3	--	--	4.0	8.5	11	77	GV4-3	--	--	0.4	17.8	1.9	80
GV4-4 X	--	--	0.1	19.8	0.2	80	**GV4-4 X**	--	--	0.0	19.1	0.8	80
GV4-5	--	--	16.7	0.9	21	61	GV4-5	--	--	0.9	17.1	2.3	80
GV4-6	--	--	1.7	8.7	9.0	80	GV4-6	--	--	0.8	15.0	4.8	79
GV4-7	--	--	23.2	1.1	23	53	GV4-7	--	--	12.5	2.8	19	66
LEG 6	--	--	--	--	--	--	**LEG 6**	-0.25	--	--	--	--	--
GV5-1	--	--	46.3	0.0	30	24	GV5-1	--	66	32.5	0.0	22	46
GV5-2	--	--	42.3	0.0	26	32	GV5-2	--	--	40.0	0.0	26	34
GV5-3	--	--	33.8	0.0	26	40	GV5-3	--	--	30.7	0.6	26	43
GV5-4	--	--	37.2	0.0	27	36	GV5-4	--	--	37.0	0.0	29	34
GV5-5	--	--	38.7	0.0	27	36	GV5-5	--	--	39.2	0.0	29	32
GV5-6	--	--	38.7	0.0	27	34	GV5-6	--	--	40.4	0.0	29	31
GV5-7	--	--	37.7	0.0	27	35	GV5-7	--	--	41.0	0.0	29	30
GV5-8	--	--	0.4	19.5	0.3	80	GV5-8	--	--	0.3	19.1	1.0	80
GV5-9	--	--	0.2	20.3	0.1	79	GV5-9	--	--	0.1	18.3	0.6	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 14 - May 20, 2012						Week of:	May 28 - Jun 3, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	5.4	10.5	14	70	EW-1	-0.82	--	6.4	8.8	15	70
EW-2	--	--	0.1	13.1	15	72	EW-2	-0.56	--	0.1	11.2	8.6	80
EW-3	--	--	13.9	5.3	0.5	80	EW-3	-0.31	--	0.0	19.8	0.1	80
EW-4	--	--	32.9	0.0	21	46	EW-4	--	--	20.5	0.3	23	56
EW-5	--	--	44.1	0.0	25	31	EW-5	--	--	32.8	0.0	28	39
EW-6	--	--	26.3	0.0	21	53	EW-6	--	--	28.3	0.0	24	48
EW-7	--	--	21.7	0.0	22	56	EW-7	--	--	25.2	0.0	24	51
EW-8	--	--	24.9	0.0	26	49	EW-8	--	--	27.2	0.0	26	47
EW-9	--	--	24.7	0.0	25	50	EW-9	--	--	36.2	0.0	29	35
EW-10	--	--	0.6	7.7	8.1	84	EW-10	-0.19	--	0.2	10.2	7.7	82
EW-11	--	--	0.3	19.7	1.0	79	EW-11	-0.67	--	0.3	18.7	1.3	80
EW-12	--	--	1.3	14.0	6.5	78	EW-12	-0.65	--	0.5	15.8	4.3	79
SW1	--	--	37.5	0.0	30	33	SW1	--	--	28.4	0.0	27	45
SW2	--	--	38.1	0.0	30	32	SW2	--	--	28.9	0.0	29	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	7.4	1.2	20	71	NW1	--	--	11.2	0.0	23	66
NW2	--	--	37.2	0.0	30	33	NW2	--	--	38.7	0.0	32	29
NW3	--	--	32.5	0.0	30	38	NW3	--	--	38.0	0.0	32	32
NW4	--	--	19.5	0.1	22	58	NW4	--	--	19.6	0.0	24	56
NW5	--	--	2.0	17.5	2.5	78	NW5	--	--	3.9	2.8	6.9	86
NW6	--	--	30.7	0.0	30	39	NW6	--	--	40.0	0.0	35	25
NW7	--	--	60.6	0.0	34	5	NW7	--	--	61.7	0.0	37	1
NW8	--	--	8.3	0.0	20	72	NW8	--	--	9.6	0.0	22	68
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE-90	--	4.00+	--	--	--	--	FLARE-90	--	4.00+	--	--	--	--

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(8). Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/25/2012

Subject: LFG Monitoring Summary - Week of 06/11/12 - 06/17/12

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flames failure due to low methane or other issues.
Flare operating cycles were 360 to mins. ON and 360 to 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 17, 2012 with high temps of 80°F and mostly cloudy conditions.
Vacuum readings were last taken on June 3, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/11/2012	--	--	--	--	2:30	6:00#	--	--	3.5
6/12/2012	--	--	--	--	3:00	4:00#	--	--	1.0
6/13/2012	--	--	--	--	--	--	--	--	0.0
6/14/2012	--	--	--	--	2:30	3:30	--	--	1.0
6/15/2012	--	--	--	--	--	--	--	--	0.0
6/16/2012	--	--	--	--	12:00	3:30	9:30	12:00	6.0
6/17/2012	0:00	3:30	9:30	--	--	3:30	9:30#	--	9.5
								Total Hrs. =	21.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/11/2012	--	--	--	--	--
6/12/2012	--	--	--	--	--
6/13/2012	--	--	--	--	--
6/14/2012	--	--	--	--	--
6/15/2012	--	--	--	--	--
6/16/2012	CPs, TGP/GPs	2:00 -6:00P	--	30.12 - 30.06	F
6/17/2012	GVs, S&EWs	1:00 - 4:30P	-	29.92 - 29.87	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	11-Jun		12-Jun		13-Jun		14-Jun		15-Jun		16-Jun		17-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	15.5	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	10.9	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face** Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	11-Jun		12-Jun		13-Jun		14-Jun		15-Jun		16-Jun		17-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	12.1	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.7	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 28 - Jun 3, 2012						Week of:	Jun 11 - Jun 17, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.92	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	58	9.9	0.5	23	67	GV1-1	--	60	4.4	14.8	7.7	73
GV1-2	--	48	31.3	0.9	29	39	GV1-2	--	62	27.8	2.2	25	45
GV1-3	--	--	29.7	0.0	30	40	GV1-3	--	76	33.1	0.0	30	37
GV1-4	--	58	32.9	0.0	33	34	GV1-4	--	58	33.9	0.0	29	37
GV1-5	--	--	23.0	0.0	28	49	GV1-5	--	--	26.3	0.0	28	46
GV1-6	--	--	21.8	0.0	28	50	GV1-6	--	--	21.6	0.0	27	51
GV1-7	--	--	0.4	16.9	23.0	60	GV1-7	--	--	0.4	18.9	1.7	79
GV1-8	--	70	6.3	0.4	23	70	GV1-8	--	--	4.4	5.8	15	75
GV1-9	--	--	7.3	0.0	23	70	GV1-9	--	--	7.8	4.8	17	71
GV1-10X	--	--	7.5	0.2	23	69	**GV1-10X**	--	--	7.0	1.3	21	71
GV1-11	--	--	9.5	1.3	23	66	GV1-11	--	--	7.1	1.7	21	70
GV1-12	--	--	13.0	0.9	23	63	GV1-12	--	--	11.2	2.3	21	66
GV1-13	--	--	5.5	0.0	22	73	GV1-13	--	--	6.9	0.0	22	71
LEG 1b	-1.25	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.5	13.6	6.3	80	GV1b-1	--	--	0.6	14.6	6.3	79
GV1b-2	--	--	0.8	11.2	8.9	79	GV1b-2	--	--	4.1	3.3	18	75
GV1b-3	--	--	0.9	16.1	6.7	76	GV1b-3	--	--	0.9	8.1	12	79
GV1b-4	--	--	0.1	11.6	8.2	80	GV1b-4	--	--	0.2	13.4	7.7	79
GV1b-5	--	60	0.1	17.9	1.6	80	GV1b-5	--	62	0.3	16.8	3.2	80
LEG 2	-0.20	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	70	1.0	16.3	3.8	79	GV2-1	--	--	1.5	16.6	4.4	78
GV2-2	--	76	0.0	18.2	1.5	80	GV2-2	--	80	0.2	14.0	5.2	81
GV2-3	--	80	0.0	11.5	8.7	80	GV2-3	--	80	0.2	11.1	10	79
GV2-4	--	80	0.6	17.1	2.5	80	GV2-4	--	84	1.8	5.9	13	78
LEG 3	-0.13	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	44.8	3.0	28	26	GV3-1	--	--	56.2	0.0	31	13
GV3-2	--	--	19.6	9.3	18	53	GV3-2	--	--	46.3	0.4	29	24
GV3-3	--	--	0.7	13.2	7.3	79	GV3-3	--	--	0.5	17.2	4.1	78
GV3-4	--	80	0.5	13.9	7.9	78	GV3-4	--	76	3.2	7.6	13	76
GV3-5	--	--	3.7	5.7	18	73	GV3-5	--	--	5.7	5.1	15	74
GV3-6	--	--	1.3	4.2	14	81	GV3-6	--	--	2.8	3.4	13	81
GV3-7	--	--	0.2	5.2	12	83	GV3-7	--	--	0.8	1.1	15	83
GV3-8	--	--	0.7	3.2	14	82	GV3-8	--	--	3.2	0.0	15	82
GV3-9	--	--	4.5	4.7	13	78	GV3-9	--	--	5.4	4.0	13	78
GV3-10 X	--	--	0.1	8.2	11	81	**GV3-10 X**	--	--	0.2	3.0	16	81
GV3-11	--	--	0.9	7.4	13	79	GV3-11	--	--	2.4	1.9	18	78
GV3-12	--	--	0.8	13.4	6.3	80	GV3-12	--	--	0.8	1.2	18	80
GV3-13	--	--	0.3	8.9	12	79	GV3-13	--	--	6.4	0.0	19	75
GV3-14	--	--	17.4	6.9	14	62	GV3-14	--	--	19.3	0.3	20	60
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.22	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	66	1.0	4.1	14	81	GV4-C	--	80	1.1	2.1	16	81
GV4-B	--	--	0.1	19.6	0.3	80	GV4-B	--	--	1.0	1.3	15	83
GV4-A	--	--	0.0	19.8	0.1	80	GV4-A	--	--	0.7	9.7	16	74
GV4-1	--	--	7.6	6.7	12	74	GV4-1	--	--	11.6	3.5	16	69
GV4-2	--	--	10.9	4.1	17	68	GV4-2	--	--	11.3	0.1	21	68
GV4-3	--	--	0.4	17.8	1.9	80	GV4-3	--	--	3.8	9.0	12	75
GV4-4 X	--	--	0.0	19.1	0.8	80	**GV4-4 X**	--	--	0.1	19.0	1.1	80
GV4-5	--	--	0.9	17.1	2.3	80	GV4-5	--	--	15.2	0.5	21	63
GV4-6	--	--	0.8	15.0	4.8	79	GV4-6	--	--	19.9	8.8	11	60
GV4-7	--	--	12.5	2.8	19	66	GV4-7	--	--	28.2	0.4	25	48
LEG 5	-0.25	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	66	32.5	0.0	22	46	GV5-1	--	80	31.5	0.0	32	37
GV5-2	--	--	40.0	0.0	26	34	GV5-2	--	--	29.0	0.0	29	42
GV5-3	--	--	30.7	0.6	26	43	GV5-3	--	--	27.9	0.0	28	44
GV5-4	--	--	37.0	0.0	29	34	GV5-4	--	--	28.4	0.0	28	44
GV5-5	--	--	39.2	0.0	29	32	GV5-5	--	--	28.8	0.0	29	42
GV5-6	--	--	40.4	0.0	29	31	GV5-6	--	--	28.7	0.0	29	42
GV5-7	--	--	41.0	0.0	29	30	GV5-7	--	--	28.4	0.0	28	44
GV5-8	--	--	0.3	19.1	1.0	80	GV5-8	--	--	2.1	17.8	2.1	78
GV5-9	--	--	0.1	18.3	0.6	81	GV5-9	--	--	1.5	19.0	1.5	78

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 28 - Jun 3, 2012						Week of:	Jun 11 - Jun 17, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.82	--	6.4	8.8	15	70	EW-1	--	--	5.4	9.2	14	71
EW-2	-0.58	--	0.1	11.2	8.8	80	EW-2		--	0.0	13.3	8.9	78
EW-3	-0.31	--	0.0	19.8	0.1	80	EW-3	-	--	15.7	2.8	20	62
EW-4	--	--	20.5	0.3	23	56	EW-4	--	--	24.1	0.0	23	53
EW-5	--	--	32.8	0.0	28	39	EW-5	--	--	33.7	0.0	28	38
EW-6	--	--	28.3	0.0	24	48	EW-6	--	--	24.0	0.0	24	52
EW-7	--	--	25.2	0.0	24	51	EW-7	--	--	24.4	0.0	24	52
EW-8	--	--	27.2	0.0	26	47	EW-8	--	--	28.2	0.0	27	45
EW-9	--	--	36.2	0.0	29	35	EW-9	--	--	37.7	0.0	30	32
EW-10	-0.19	--	0.2	10.2	7.7	82	EW-10	--	--	0.5	9.0	8.2	82
EW-11	-0.87	--	0.3	18.7	1.3	80	EW-11	--	--	0.3	19.6	1.1	79
EW-12	-0.65	--	0.5	15.8	4.3	79	EW-12	--	--	0.3	17.4	3.4	79
SW1	--	--	28.4	0.0	27	45	SW1	--	--	28.4	0.5	21	49
SW2	--	--	28.9	0.0	29	42	SW2	--	--	31.6	0.0	30	38
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	11.2	0.0	23	66	NW1	--	--	10.2	0.6	22	67
NW2	--	--	38.7	0.0	32	29	NW2	--	--	38.8	0.0	32	29
NW3	--	--	36.0	0.0	32	32	NW3	--	--	39.5	0.0	33	28
NW4	--	--	19.6	0.0	24	56	NW4	--	--	19.6	0.0	24	56
NW5	--	--	3.9	2.6	6.9	66	NW5	--	--	11.3	9.1	12	68
NW6	--	--	40.0	0.0	35	25	NW6	--	--	41.3	0.0	35	24
NW7	--	--	61.7	0.0	37	1	NW7	--	--	61.2	0.0	38	1
NW8	--	--	9.6	0.0	22	68	NW8	--	--	9.1	0.0	22	69
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

ATTACHMENT B

(Annual LGAS Influent Sampling Results)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 200-10847-1

SDG Number: 200-10847

Job Description: Valleycrest Stack

For:
SCS Engineers
2060 Reading Road
Suite 200
Cincinnati, OH 45202-1497

Attention: Gary Saylor

Approved for release.
Don C Dawicki
Customer Service Manager
5/31/2012 9:32 AM

Don C Dawicki
Customer Service Manager
don.dawicki@testamericainc.com
05/31/2012

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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CASE NARRATIVE

Client: SCS Engineers

Project: Valleycrest Stack

Report Number: 200-10847-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/17/2012; the samples arrived in good condition.

Sample VLF #1 051512 lists only the start time on the container label. Sample VLF #2 051512 lists an time of 1332. Sample VLF #3 051512 lists no time on the container label. Samples logged in per the COC.

NON-METHANE ORGANIC CARBON

Samples VLF #1 051512, VLF #2 051512 and VLF #3 051512 were analyzed for Non-Methane Organic Carbon in accordance with EPA Method 25C. The samples were analyzed on 05/23/2012.

The final NMOC results presented in this submittal are corrected for Nitrogen content. The raw uncorrected concentrations are presented in the raw data associated with each sample and are listed below as well.

VLF #1 051512 - 130 PPMC
VLF #2 051512 - 120 PPMC
VLF #3 051512 - 140 PPMC

No difficulties were encountered during the NMOC analyses.

All quality control parameters were within the acceptance limits.

FIXED GASES

Samples VLF #1 051512, VLF #2 051512 and VLF #3 051512 were analyzed for Fixed Gases in accordance with EPA Method 3C. The samples were analyzed on 05/23/2012.

No difficulties were encountered during the Fixed Gases analyses.

All quality control parameters were within the acceptance limits.

AIR - GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Analysis Batch Number: 38726

Lab Sample ID: IC 200-38726/2 Client Sample ID:

Date Analyzed: 05/15/12 13:09 Lab File ID: IC1051513A.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.88	Baseline event	mrv	

Lab Sample ID: ICRT 200-38726/3 Client Sample ID:

Date Analyzed: 05/15/12 13:59 Lab File ID: ICRT051512A.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.88	Baseline event	mrv	

Lab Sample ID: IC 200-38726/4 Client Sample ID:

Date Analyzed: 05/15/12 14:50 Lab File ID: IC3051512A.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.88	Baseline event	mrv	

Lab Sample ID: ICV 200-38726/5 Client Sample ID:

Date Analyzed: 05/15/12 15:53 Lab File ID: ICV051512A.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.88	Baseline event	mrv	

AIR - GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Analysis Batch Number: 39213

Lab Sample ID: CCV 200-39213/1 Client Sample ID:

Date Analyzed: 05/23/12 09:36 Lab File ID: 25CCCV052312A.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.88	Baseline event	mrv	

Lab Sample ID: LCS 200-39213/2 Client Sample ID:

Date Analyzed: 05/23/12 10:31 Lab File ID: 25CLCS052312A.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.88	Baseline event	mrv	

Lab Sample ID: 200-10847-1 Client Sample ID: VLF #1 051512

Date Analyzed: 05/23/12 13:10 Lab File ID: 200-10847-A-1D.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.97	Baseline event		

Lab Sample ID: 200-10847-2 Client Sample ID: VLF #2 051512

Date Analyzed: 05/23/12 13:58 Lab File ID: 200-10847-A-2D.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.98	Baseline event	mrv	

Lab Sample ID: 200-10847-3 Client Sample ID: VLF #3 051512

Date Analyzed: 05/23/12 14:46 Lab File ID: 200-10847-A-3D.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.97	Baseline event	mrv	

AIR - GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Analysis Batch Number: 39213

Lab Sample ID: CCVC 200-39213/8 Client Sample ID:

Date Analyzed: 05/24/12 07:26 Lab File ID: 25CCCVC052312A.d-avg GC Column: Carbo/Unibead ID: 2(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
NMOC as Carbon	9.89	Baseline event	mrv	

AIR - GC VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Analysis Batch Number: 24788

Lab Sample ID: IC 200-24788/1 Client Sample ID:

Date Analyzed: 09/06/11 09:30 Lab File ID: IC1B.d-avg GC Column: CTR-1 ID: 3.175(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Oxygen	3.82	Baseline event	pd	
Methane	6.60	Baseline event	pd	

Lab Sample ID: IC 200-24788/2 Client Sample ID:

Date Analyzed: 09/06/11 10:35 Lab File ID: IC2C.d-avg GC Column: CTR-1 ID: 3.175(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon dioxide	1.71	Baseline event	pd	

SAMPLE SUMMARY

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-10847-1	VLF #1 051512	Air	05/15/2012 1317	05/17/2012 1015
200-10847-2	VLF #2 051512	Air	05/15/2012 1404	05/17/2012 1015
200-10847-3	VLF #3 051512	Air	05/15/2012 1444	05/17/2012 1015

EXECUTIVE SUMMARY - Detections

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
200-10847-1	**VLF #1 051512**					
NMOC as Carbon		720		10	ppm-C	EPA 25C
Carbon dioxide		12		0.085	% v/v	EPA 3C
Methane		11		0.068	% v/v	EPA 3C
Nitrogen		62		0.85	% v/v	EPA 3C
Oxygen		10		0.068	% v/v	EPA 3C
200-10847-2	**VLF #2 051512**					
NMOC as Carbon		660		10	ppm-C	EPA 25C
Carbon dioxide		11		0.087	% v/v	EPA 3C
Methane		10		0.069	% v/v	EPA 3C
Nitrogen		62		0.87	% v/v	EPA 3C
Oxygen		10		0.069	% v/v	EPA 3C
200-10847-3	**VLF #3 051512**					
NMOC as Carbon		840		10	ppm-C	EPA 25C
Carbon dioxide		12		0.087	% v/v	EPA 3C
Methane		11		0.069	% v/v	EPA 3C
Nitrogen		63		0.87	% v/v	EPA 3C
Oxygen		10		0.069	% v/v	EPA 3C

METHOD SUMMARY

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Description	Lab Location	Method	Preparation Method
Matrix Air			
Nonmethane Organic Compounds (NMOC)	TAL BUR	EPA EPA 25C	
Collection via Summa Canister	TAL BUR		Summa Canister
Fixed Gases from Stationary Sources	TAL BUR	EPA EPA 3C	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Method	Analyst	Analyst ID
EPA EPA 25C	Veilleux, Michael R	MRV
EPA EPA 3C	Veilleux, Michael R	MRV

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Client Sample ID: **VLF #1 051512**

Lab Sample ID: 200-10847-1
Client Matrix: Air

Date Sampled: 05/15/2012 1317
Date Received: 05/17/2012 1015

EPA 25C Nonmethane Organic Compounds (NMOC)

Analysis Method:	EPA 25C	Analysis Batch:	200-39213	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-10847-A-1D.d-av
Dilution:	1.7			Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1310			Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1310			Injection Volume:	2 mL

Analyte	Result (ppm-C)	Qualifier	RL	RL
NMOC as Carbon	720		10	10

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Client Sample ID: **VLF #2 051512**

Lab Sample ID: 200-10847-2
Client Matrix: Air

Date Sampled: 05/15/2012 1404
Date Received: 05/17/2012 1015

EPA 25C Nonmethane Organic Compounds (NMOC)

Analysis Method:	EPA 25C	Analysis Batch:	200-39213	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-10847-A-2D.d-av
Dilution:	1.73			Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1358			Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1358			Injection Volume:	2 mL

Analyte	Result (ppm-C)	Qualifier	RL	RL
NMOC as Carbon	660		10	10

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Client Sample ID: **VLF #3 051512**

Lab Sample ID: 200-10847-3
Client Matrix: Air

Date Sampled: 05/15/2012 1444
Date Received: 05/17/2012 1015

EPA 25C Nonmethane Organic Compounds (NMOC)

Analysis Method:	EPA 25C	Analysis Batch:	200-39213	Instrument ID:	0001.I
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-10847-A-3D.d-av
Dilution:	1.73			Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1446			Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1446			Injection Volume:	2 mL

Analyte	Result (ppm-C)	Qualifier	RL	RL
NMOC as Carbon	840		10	10

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Client Sample ID: **VLF #1 051512**

Lab Sample ID: 200-10847-1
Client Matrix: Air

Date Sampled: 05/15/2012 1317
Date Received: 05/17/2012 1015

EPA 3C Fixed Gases from Stationary Sources

Analysis Method:	EPA 3C	Analysis Batch:	200-39214	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-10847-A-1D.d-av
Dilution:	1.7			Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1310			Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1310			Injection Volume:	2 mL

Analyte	Result (% v/v)	Qualifier	RL	RL
Carbon dioxide	12		0.085	0.085
Methane	11		0.068	0.068
Nitrogen	62		0.85	0.85
Oxygen	10		0.068	0.068

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Client Sample ID: **VLF #2 051512**

Lab Sample ID: 200-10847-2
Client Matrix: Air

Date Sampled: 05/15/2012 1404
Date Received: 05/17/2012 1015

EPA 3C Fixed Gases from Stationary Sources

Analysis Method:	EPA 3C	Analysis Batch:	200-39214	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-10847-A-2D.d-av
Dilution:	1.73			Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1358			Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1358			Injection Volume:	2 mL

Analyte	Result (% v/v)	Qualifier	RL	RL
Carbon dioxide	11		0.087	0.087
Methane	10		0.069	0.069
Nitrogen	62		0.87	0.87
Oxygen	10		0.069	0.069

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Client Sample ID: **VLF #3 051512**

Lab Sample ID: 200-10847-3
Client Matrix: Air

Date Sampled: 05/15/2012 1444
Date Received: 05/17/2012 1015

EPA 3C Fixed Gases from Stationary Sources

Analysis Method:	EPA 3C	Analysis Batch:	200-39214	Instrument ID:	0001.i
Prep Method:	Summa Canister	Prep Batch:	N/A	Lab File ID:	200-10847-A-3D.d-av
Dilution:	1.73			Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1446			Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1446			Injection Volume:	2 mL

Analyte	Result (% v/v)	Qualifier	RL	RL
Carbon dioxide	12		0.087	0.087
Methane	11		0.069	0.069
Nitrogen	63		0.87	0.87
Oxygen	10		0.069	0.069

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Method Blank - Batch: 200-39213

Method: EPA 25C
Preparation: Summa Canister

Lab Sample ID:	MB 200-39213/3	Analysis Batch:	200-39213	Instrument ID:	0001.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	MB052312A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1125	Units:	ppm-C	Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1125			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
NMOC as Carbon	6.0	U	6.0	6.0

Lab Control Sample - Batch: 200-39213

Method: EPA 25C
Preparation: Summa Canister

Lab Sample ID:	LCS 200-39213/2	Analysis Batch:	200-39213	Instrument ID:	0001.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	25CLCS052312A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1031	Units:	ppm-C	Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1031			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
NMOC as Carbon	750	688	92	70 - 130	

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Method Blank - Batch: 200-39214

Method: EPA 3C
Preparation: Summa Canister

Lab Sample ID:	MB 200-39214/3	Analysis Batch:	200-39214	Instrument ID:	0001.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	MB052312A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 1125	Units:	% v/v	Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 1125			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Carbon dioxide	0.050	U	0.050	0.050
Methane	0.040	U	0.040	0.040
Nitrogen	0.50	U	0.50	0.50
Oxygen	0.040	U	0.040	0.040

Lab Control Sample - Batch: 200-39214

Method: EPA 3C
Preparation: Summa Canister

Lab Sample ID:	LCS 200-39214/2	Analysis Batch:	200-39214	Instrument ID:	0001.i
Client Matrix:	Air	Prep Batch:	N/A	Lab File ID:	3CLCS052312A.d-avg
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	05/23/2012 0857	Units:	% v/v	Final Weight/Volume:	2 mL
Prep Date:	05/23/2012 0857			Injection Volume:	2 mL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Carbon dioxide	5.00	4.95	99	70 - 130	
Methane	4.00	3.72	93	70 - 130	
Nitrogen	5.00	4.66	93	70 - 130	
Oxygen	4.00	3.49	87	70 - 130	

DATA REPORTING QUALIFIERS

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

Lab Section	Qualifier	Description
Air - GC VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: SCS Engineers

Job Number: 200-10847-1
Sdg Number: 200-10847

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC VOA					
Analysis Batch:200-39213					
LCS 200-39213/2	Lab Control Sample	T	Air	EPA 25C	
MB 200-39213/3	Method Blank	T	Air	EPA 25C	
200-10847-1	VLF #1 051512	T	Air	EPA 25C	
200-10847-2	VLF #2 051512	T	Air	EPA 25C	
200-10847-3	VLF #3 051512	T	Air	EPA 25C	
Analysis Batch:200-39214					
LCS 200-39214/2	Lab Control Sample	T	Air	EPA 3C	
MB 200-39214/3	Method Blank	T	Air	EPA 3C	
200-10847-1	VLF #1 051512	T	Air	EPA 3C	
200-10847-2	VLF #2 051512	T	Air	EPA 3C	
200-10847-3	VLF #3 051512	T	Air	EPA 3C	

Report Basis
T = Total

Client: SCS Engineers

Job Number: 200-10847-1
SDG: 200-10847

Laboratory Chronicle

Lab ID: 200-10847-1 **Client ID:** VLF #1 051512

Sample Date/Time: 05/15/2012 13:17 Received Date/Time: 05/17/2012 10:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-10847-A-1		200-39213		05/23/2012 13:10	1.7	TAL BUR	MRV
A:EPA 25C	200-10847-A-1		200-39213		05/23/2012 13:10	1.7	TAL BUR	MRV
P:Summa Canister	200-10847-A-1		200-39214		05/23/2012 13:10	1.7	TAL BUR	MRV
A:EPA 3C	200-10847-A-1		200-39214		05/23/2012 13:10	1.7	TAL BUR	MRV

Lab ID: 200-10847-2 **Client ID:** VLF #2 051512

Sample Date/Time: 05/15/2012 14:04 Received Date/Time: 05/17/2012 10:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-10847-A-2		200-39213		05/23/2012 13:58	1.73	TAL BUR	MRV
A:EPA 25C	200-10847-A-2		200-39213		05/23/2012 13:58	1.73	TAL BUR	MRV
P:Summa Canister	200-10847-A-2		200-39214		05/23/2012 13:58	1.73	TAL BUR	MRV
A:EPA 3C	200-10847-A-2		200-39214		05/23/2012 13:58	1.73	TAL BUR	MRV

Lab ID: 200-10847-3 **Client ID:** VLF #3 051512

Sample Date/Time: 05/15/2012 14:44 Received Date/Time: 05/17/2012 10:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	200-10847-A-3		200-39213		05/23/2012 14:46	1.73	TAL BUR	MRV
A:EPA 25C	200-10847-A-3		200-39213		05/23/2012 14:46	1.73	TAL BUR	MRV
P:Summa Canister	200-10847-A-3		200-39214		05/23/2012 14:46	1.73	TAL BUR	MRV
A:EPA 3C	200-10847-A-3		200-39214		05/23/2012 14:46	1.73	TAL BUR	MRV

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	MB 200-39213/3		200-39213		05/23/2012 11:25	1	TAL BUR	MRV
A:EPA 25C	MB 200-39213/3		200-39213		05/23/2012 11:25	1	TAL BUR	MRV
P:Summa Canister	MB 200-39214/3		200-39214		05/23/2012 11:25	1	TAL BUR	MRV
A:EPA 3C	MB 200-39214/3		200-39214		05/23/2012 11:25	1	TAL BUR	MRV

Client: SCS Engineers

Job Number: 200-10847-1
SDG: 200-10847

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:Summa Canister	LCS 200-39213/2		200-39213		05/23/2012 10:31	1	TAL BUR	MRV
A:EPA 25C	LCS 200-39213/2		200-39213		05/23/2012 10:31	1	TAL BUR	MRV
P:Summa Canister	LCS 200-39214/2		200-39214		05/23/2012 08:57	1	TAL BUR	MRV
A:EPA 3C	LCS 200-39214/2		200-39214		05/23/2012 08:57	1	TAL BUR	MRV

Lab References:
TAL BUR = TestAmerica Burlington

Certification Summary

Client: SCS Engineers
Project/Site: Valleycrest Stack

TestAmerica Job ID: 200-10847-1
SDG: 200-10847

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Burlington	ACLASS	DoD ELAP		ADE-1492
TestAmerica Burlington	Connecticut	State Program	1	PH-0751
TestAmerica Burlington	DE Haz. Subst. Cleanup Act	State Program	3	NA
TestAmerica Burlington	Florida	NELAC	4	E87467
TestAmerica Burlington	Louisiana	NELAC	6	176292
TestAmerica Burlington	Maine	State Program	1	VT00008
TestAmerica Burlington	Minnesota	NELAC	5	050-999-436
TestAmerica Burlington	New Hampshire	NELAC	1	200810
TestAmerica Burlington	New Jersey	NELAC	2	VT972
TestAmerica Burlington	New York	NELAC	2	10391
TestAmerica Burlington	Pennsylvania	NELAC	3	68-00489
TestAmerica Burlington	Rhode Island	State Program	1	LAO00298
TestAmerica Burlington	USDA	Federal		P330-11-00093
TestAmerica Burlington	Vermont	State Program	1	VT-4000
TestAmerica Burlington	Virginia	NELAC	3	460209

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method EPA 3C

Fixed Gases from Stationary Sources by Method EPA - 3C

FORM III
AIR - GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Matrix: Air Level: Low Lab File ID: 3CLCS052312A.d-avg

Lab ID: LCS 200-39214/2 Client ID:

COMPOUND	SPIKE ADDED (% v/v)	LCS CONCENTRATION (% v/v)	LCS % REC	QC LIMITS REC	#
Carbon dioxide	5.00	4.95	99	70-130	
Methane	4.00	3.72	93	70-130	
Nitrogen	5.00	4.66	93	70-130	
Oxygen	4.00	3.49	87	70-130	

Column to be used to flag recovery and RPD values

FORM III EPA 3C

FORM IV
AIR - GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab File ID: MB052312A.d-avg Lab Sample ID: MB 200-39214/3

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: 0001.i Date Analyzed: 05/23/2012 11:25

GC Column: CTR-1 ID: 3.175(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-39214/2	3CLCS052312 A.d-avg	05/23/2012 08:57
VLF #1 051512	200-10847-1	200-10847-A -1D.d-avg	05/23/2012 13:10
VLF #2 051512	200-10847-2	200-10847-A -2D.d-avg	05/23/2012 13:58
VLF #3 051512	200-10847-3	200-10847-A -3D.d-avg	05/23/2012 14:46

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: VLF #1 051512 Lab Sample ID: 200-10847-1

Matrix: Air Lab File ID: 200-10847-A-1D.d-avg

Analysis Method: EPA 3C Date Collected: 05/15/2012 13:17

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1.7

Soil Extract Vol.: GC Column: ID:

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39214 Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	12		0.085	0.085
74-82-8	Methane	11		0.068	0.068
7727-37-9	Nitrogen	62		0.85	0.85
7782-44-7	Oxygen	10		0.068	0.068

TestAmerica Burlington

Lab Sample Id: 200-10847-1
Client Smp ID: VLF #1 051512
Inj Date : 23-MAY-2012 13:10
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-10847-A-1,1.70
Misc Info : 200-10847-A-1
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1
Dil Factor: 1.70000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	FINAL (% v/v)
1 Carbon Dioxide	1.718	1.719	-0.001	2357145	6.93661	12
2 Oxygen	3.815	3.832	-0.017	2192921	5.85963	10
3 Nitrogen	4.701	4.759	-0.058	13917946	36.2995	62
4 Methane	6.505	6.568	-0.063	1946691	6.37046	11

TestAmerica Burlington

Lab Sample Id: 200-10847-1
Client Smp ID: VLF #1 051512
Inj Date : 23-MAY-2012 13:26
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-10847-A-1,1.70
Misc Info : 200-10847-A-1
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1
Dil Factor: 1.70000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	FINAL (% v/v)
1 Carbon Dioxide	1.715	1.719	-0.004	2356937	6.93600	12
2 Oxygen	3.806	3.832	-0.026	2200320	5.87940	10
3 Nitrogen	4.694	4.759	-0.065	14029221	36.5897	62
4 Methane	6.505	6.568	-0.063	1967769	6.43943	11

Processing 3C data for files:
v:\200-10847-a-1d.txt
v:\200-10847-a-1e.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	2357145	2356937	2357041	0.01
Oxygen	2192921	2200320	2196620.5	0.34
Nitrogen	13917946	14029221	13973583.5	0.8
Methane	1946691	1967769	1957230	1.08

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	6.94	6.94	6.94	0.01
Oxygen	5.86	5.88	5.87	0.34
Nitrogen	36.3	36.59	36.44	0.8
Methane	6.37	6.44	6.4	1.08

Processing 25C data for files:
w:\200-10847-a-1d.txt
w:\200-10847-a-1e.txt
w:\200-10847-a-1f.txt

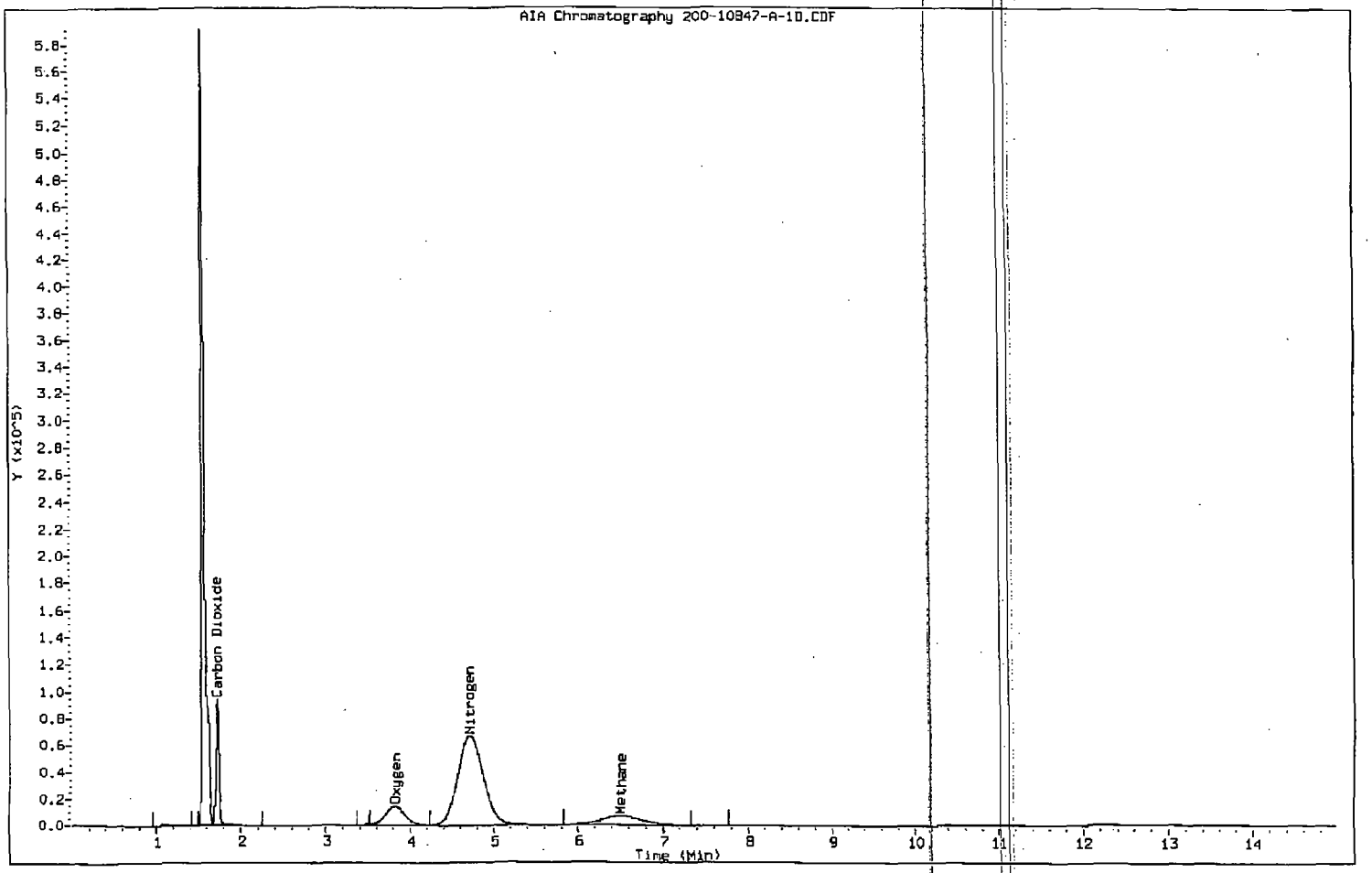
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	98035	96756	95441	96744	1.34

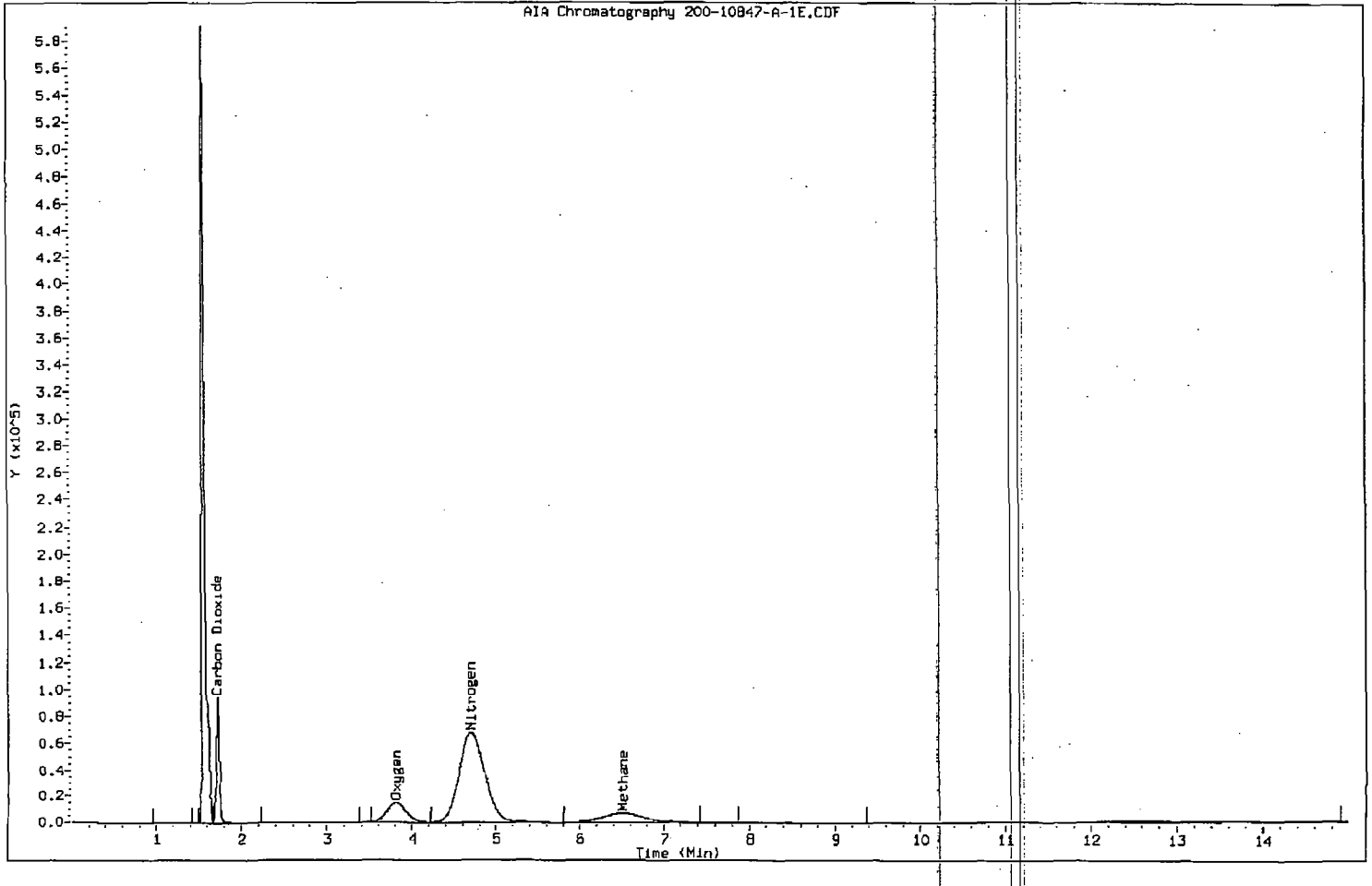
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	76.2	75.2	74.18	75.19	1.34

NMOC Correction
Found Raw N2 Result = 36.44 % and NMOC = 75.19 ppm-C
N2 dilution factor = 1.7
N2 Result = Raw N2 * Dil. Fac.61.948 %
Found Raw NMOC Result = 75.19 ppm-C
NMOC dilution factor = 1.7
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 425.07 ppm-C
Corrected NMOC result * Dil. Fac.= 722.619 ppm-C

Data File:	200-10847-A-1D.d	Date:	23-MAY-2012 13:10
Client ID:	VLF #1 051512	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-10847-A-1,1.70		
Lab Sample ID:	200-10847-1		



Data File:	200-10847-A-1E.d	Date:	23-MAY-2012 13:26
Client ID:	VLF #1 051512	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-10847-A-1,1.70		
Lab Sample ID:	200-10847-1		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: VLF #2 051512 | Lab Sample ID: 200-10847-2

Matrix: Air | Lab File ID: 200-10847-A-2D.d-avg

Analysis Method: EPA 3C | Date Collected: 05/15/2012 14:04

Sample wt/vol: 2(mL) | Date Analyzed: 05/23/2012 13:58

Soil Aliquot Vol: | Dilution Factor: 1.73

Soil Extract Vol.: | GC Column: | ID:

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 39214 | Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	11		0.087	0.087
74-82-8	Methane	10		0.069	0.069
7727-37-9	Nitrogen	62		0.87	0.87
7782-44-7	Oxygen	10		0.069	0.069

TestAmerica Burlington

Lab Sample Id: 200-10847-2
Client Smp ID: VLF #2 051512
Inj Date : 23-MAY-2012 13:58
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-10847-A-2,1.73
Misc Info : 200-10847-A-2
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	FINAL (% v/v)
1 Carbon Dioxide	1.715	1.719	-0.004	2186243	6.43368	11
2 Oxygen	3.807	3.832	-0.025	2206493	5.89590	10
3 Nitrogen	4.689	4.759	-0.070	13653257	35.6091	62
4 Methane	6.491	6.568	-0.077	1808218	5.91731	10

TestAmerica Burlington

Lab Sample Id: 200-10847-2
Client Smp ID: VLF #2 051512
Inj Date : 23-MAY-2012 14:14
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-10847-A-2,1.73
Misc Info : 200-10847-A-2
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.715	1.719	-0.004	2175555	6.40223	11
2 Oxygen	3.804	3.832	-0.028	2216712	5.92320	10
3 Nitrogen	4.691	4.759	-0.068	13679876	35.6786	62
4 Methane	6.501	6.568	-0.067	1807964	5.91648	10

Processing 3C data for files:
v:\200-10847-a-2d.txt
v:\200-10847-a-2e.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	2186243	2175555	2180899	0.49
Oxygen	2206493	2216712	2211602.5	0.46
Nitrogen	13653257	13679876	13666566.5	0.19
Methane	1808218	1807964	1808091	0.01

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	6.43	6.4	6.42	0.49
Oxygen	5.9	5.92	5.91	0.46
Nitrogen	35.61	35.68	35.64	0.19
Methane	5.92	5.92	5.92	0.01

Processing 25C data for files:
w:\200-10847-a-2d.txt
w:\200-10847-a-2e.txt
w:\200-10847-a-2f.txt

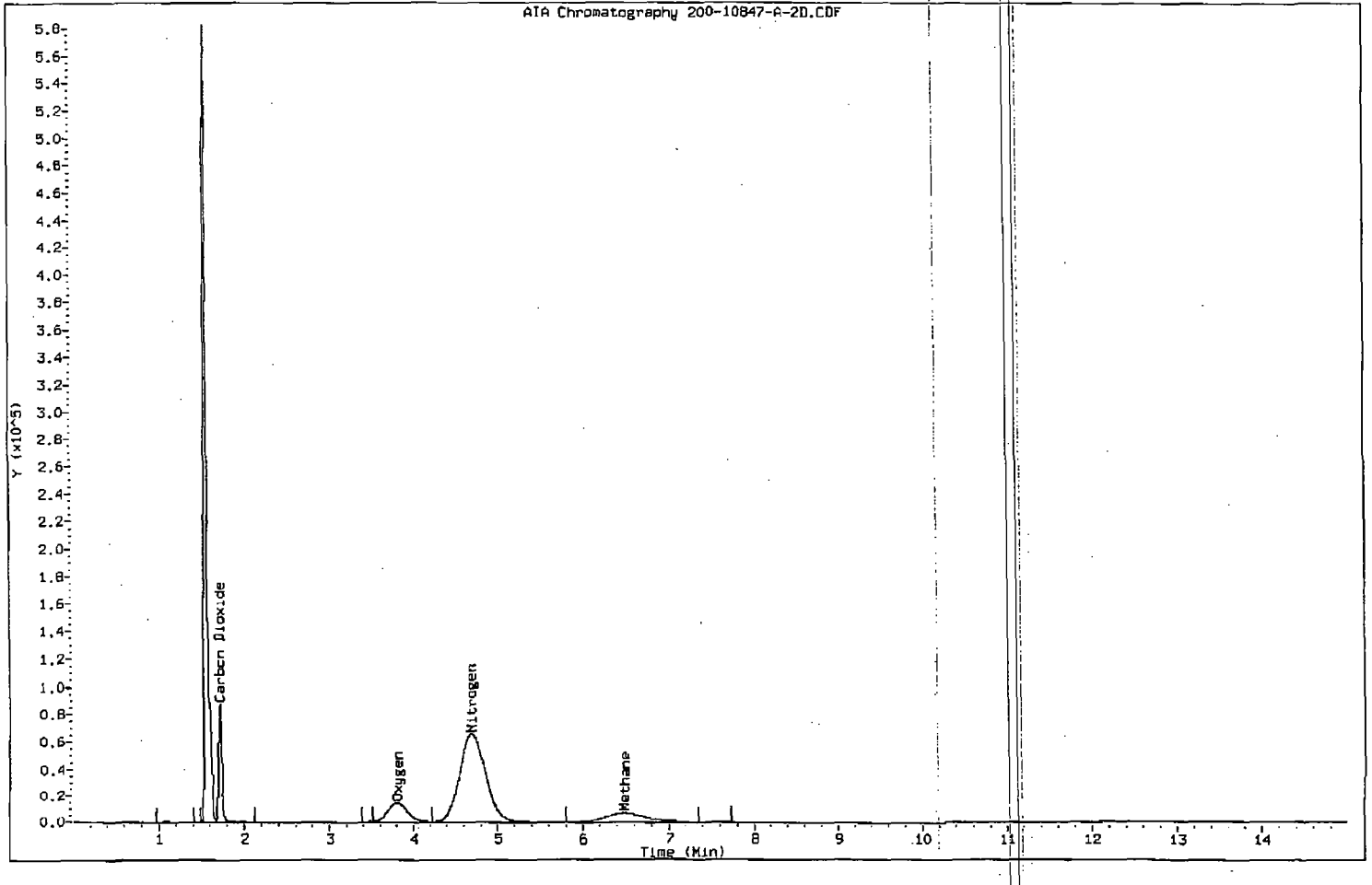
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	87277	90760	89370	89135.67	1.97

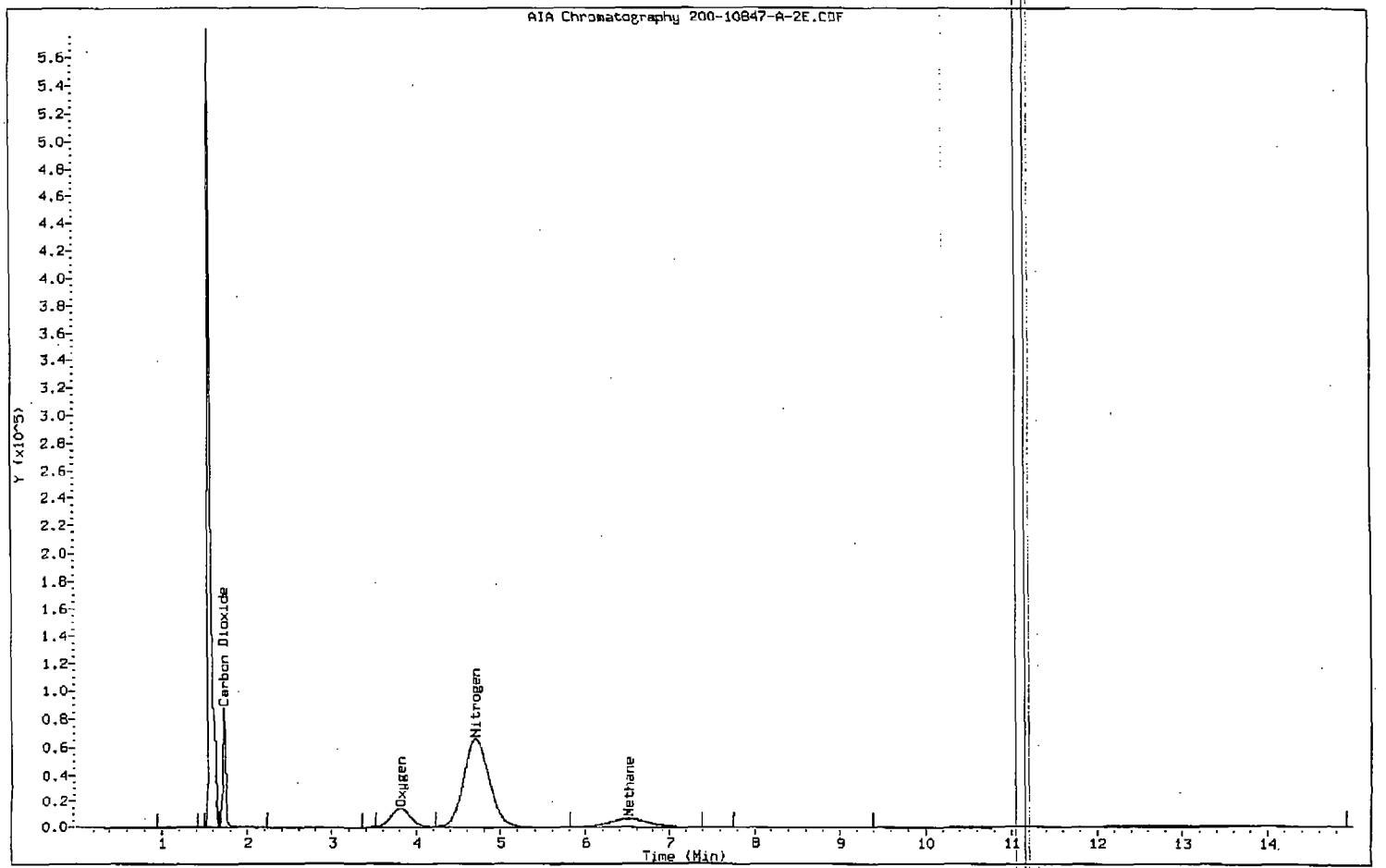
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	67.84	70.54	69.46	69.28	1.97

---------- NMOC Correction----------
Found Raw N2 Result = 35.64 % and NMOC = 69.28 ppm-C
N2 dilution factor = 1.73
N2 Result = Raw N2 * Dil. Fac.61.6572 %
Found Raw NMOC Result = 69.28 ppm-C
NMOC dilution factor = 1.73
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 383.61 ppm-C
Corrected NMOC result * Dil. Fac.= 663.6453 ppm-C

Data File:	200-10847-A-2D.d	Date:	23-MAY-2012 13:58
Client ID:	VLF #2 051512	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-10847-A-2,1.73		
Lab Sample ID:	200-10847-2		



Data File:	200-10847-A-2E.d	Date:	23-MAY-2012 14:14
Client ID:	VLF #2 051512	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-10847-A-2,1.73		
Lab Sample ID:	200-10847-2		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: VLF #3 051512 | Lab Sample ID: 200-10847-3

Matrix: Air | Lab File ID: 200-10847-A-3D.d-avg

Analysis Method: EPA 3C | Date Collected: 05/15/2012 14:44

Sample wt/vol: 2(mL) | Date Analyzed: 05/23/2012 14:46

Soil Aliquot Vol: | Dilution Factor: 1.73

Soil Extract Vol.: | GC Column: | ID:

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 39214 | Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	12		0.087	0.087
74-82-8	Methane	11		0.069	0.069
7727-37-9	Nitrogen	63		0.87	0.87
7782-44-7	Oxygen	10		0.069	0.069

TestAmerica Burlington

Lab Sample Id: 200-10847-3
Client Smp ID: VLF #3 051512
Inj Date : 23-MAY-2012 14:46
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-10847-A-3,1.73
Misc Info : 200-10847-A-3
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	FINAL (% v/v)
1 Carbon Dioxide	1.717	1.719	-0.002	2278550	6.70532	12
2 Oxygen	3.802	3.832	-0.030	2235295	5.97286	10
3 Nitrogen	4.688	4.759	-0.071	13922432	36.3112	63
4 Methane	6.498	6.568	-0.070	1852648	6.06271	10

TestAmerica Burlington

Lab Sample Id: 200-10847-3
Client Smp ID: VLF #3 051512
Inj Date : 23-MAY-2012 15:01
Operator : MRV Inst ID: 0001_3.i
Smp Info : 200-10847-A-3,1.73
Misc Info : 200-10847-A-3
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.716	1.719	-0.003	2281475	6.71393	12
2 Oxygen	3.809	3.832	-0.023	2242817	5.99296	10
3 Nitrogen	4.697	4.759	-0.062	13953550	36.3923	63
4 Methane	6.511	6.568	-0.057	1873594	6.13125	11

Processing 3C data for files:
v:\200-10847-a-3d.txt
v:\200-10847-a-3e.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	2278550	2281475	2280012.5	0.13
Oxygen	2235295	2242817	2239056	0.34
Nitrogen	13922432	13953550	13937991	0.22
Methane	1852648	1873594	1863121	1.12

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	6.71	6.71	6.71	0.13
Oxygen	5.97	5.99	5.98	0.34
Nitrogen	36.31	36.39	36.35	0.22
Methane	6.06	6.13	6.1	1.12

Processing 25C data for files:
w:\200-10847-a-3d.txt
w:\200-10847-a-3e.txt
w:\200-10847-a-3f.txt

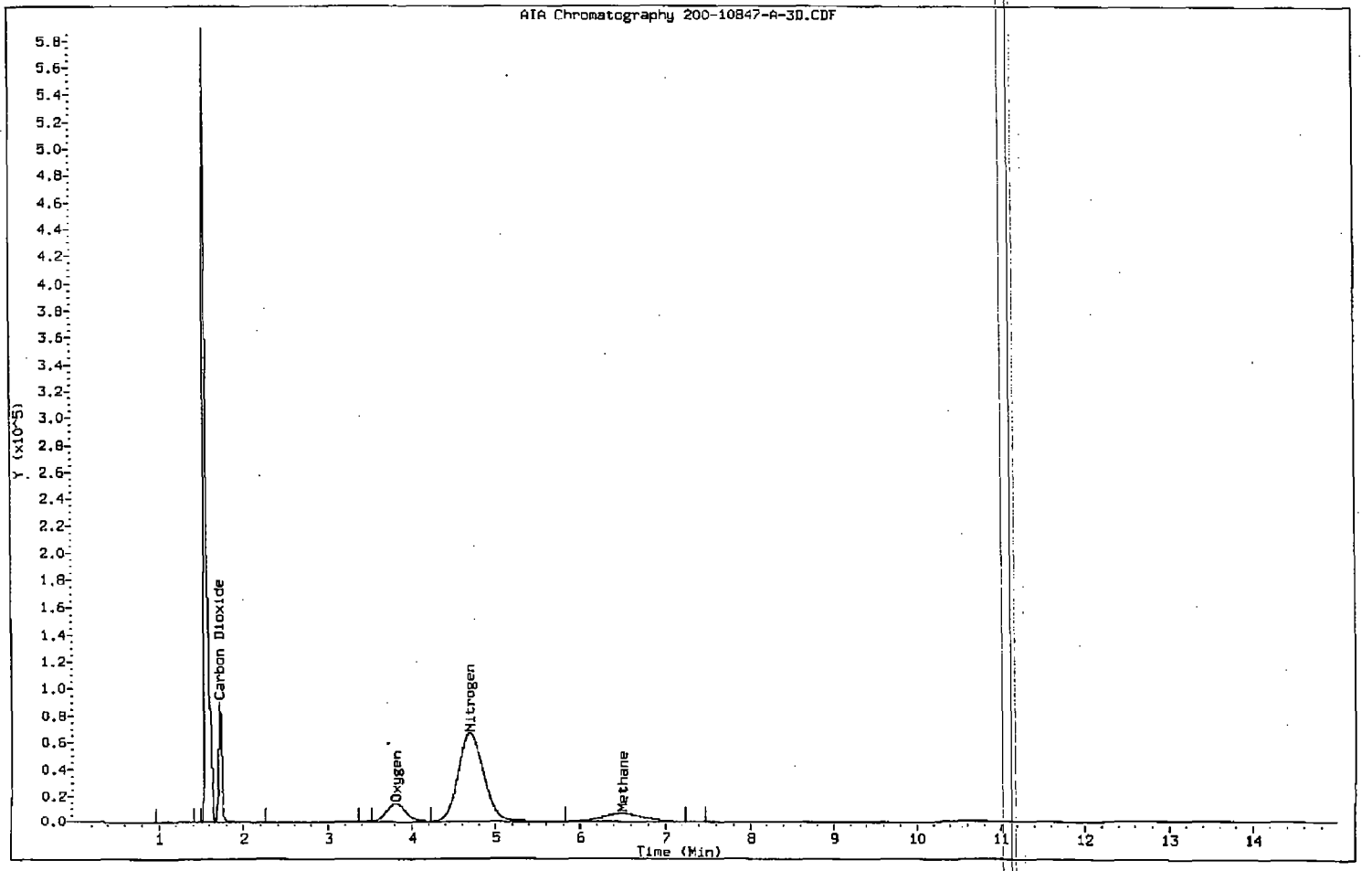
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	104610	103284	103264	103719.33	0.74

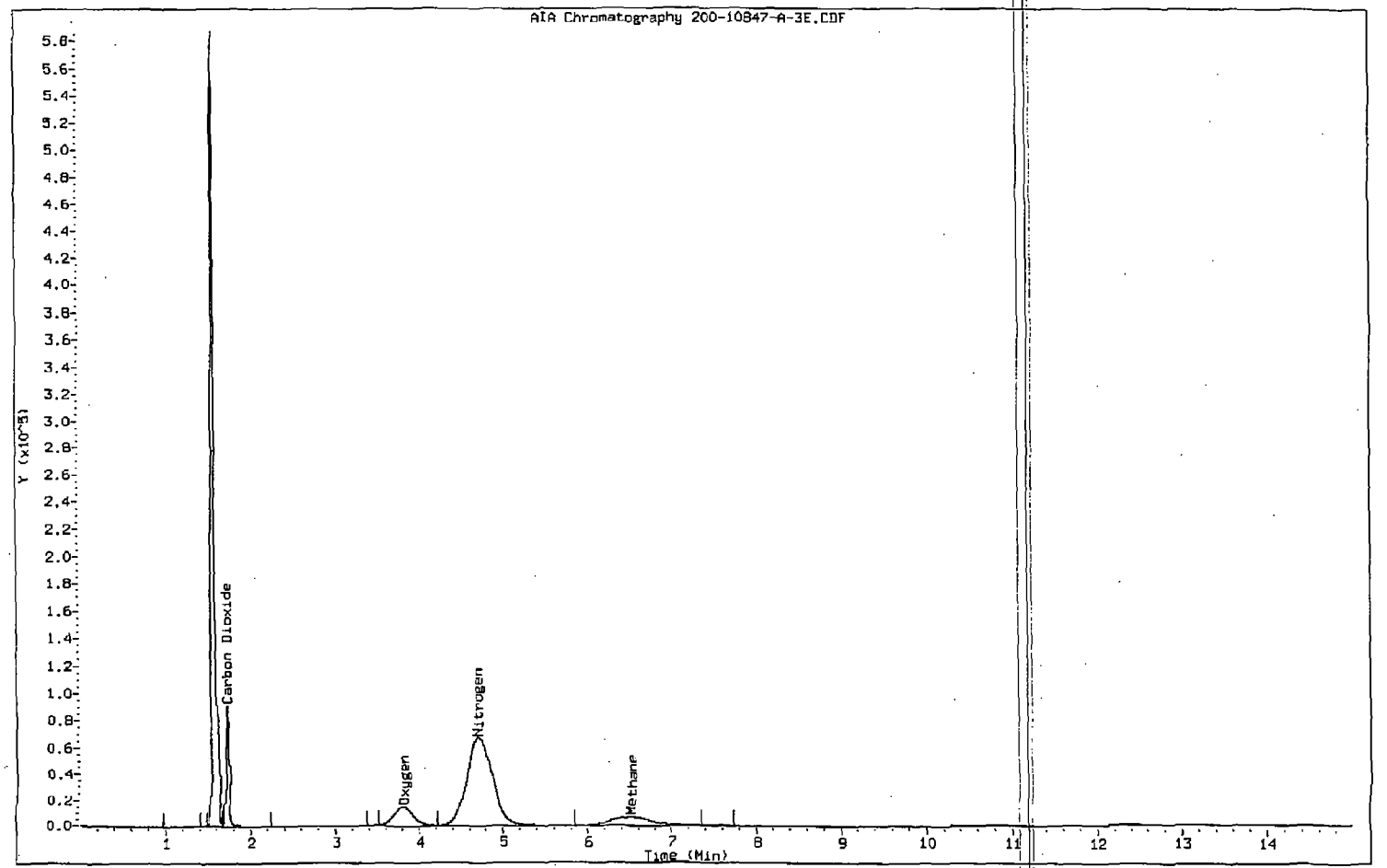
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	81.31	80.28	80.26	80.61	0.74

---------- NMOC Correction----------
Found Raw N2 Result = 36.35 % and NMOC = 80.61 ppm-C
N2 dilution factor = 1.73
N2 Result = Raw N2 * Dil. Fac.62.8855 %
Found Raw NMOC Result = 80.61 ppm-C
NMOC dilution factor = 1.73
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 488.41 ppm-C
Corrected NMOC result * Dil. Fac.= 844.9493 ppm-C

Data File:	200-10847-A-3D.d	Date:	23-MAY-2012 14:46
Client ID:	VLF #3 051512	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-10847-A-3,1.73		
Lab Sample ID:	200-10847-3		



Data File:	200-10847-A-3E.d	Date:	23-MAY-2012 15:01
Client ID:	VLF #3 051512	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	200-10847-A-3,1.73		
Lab Sample ID:	200-10847-3		



FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1 Analy Batch No.: 24788

SDG No.: 200-10847

Instrument ID: 0001.i GC Column: CTR-1 ID: 3.175(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 09:30 Calibration End Date: 09/06/2011 15:51 Calibration ID: 9771

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-24788/1	IC1B.d-avg
Level 2	IC 200-24788/2	IC2C.d-avg
Level 3	IC 200-24788/3	IC3A.d-avg
Level 4	ICRT 200-24788/4	IC4A.d-avg
Level 5	IC 200-24788/7	IC7A.d-avg
Level 6	IC 200-24788/8	IC8A.d-avg
Level 7	IC 200-24788/5	IC5A.d-avg
Level 8	IC 200-24788/6	IC6A.d-avg

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
Carbon dioxide	1.721	1.712	1.726	1.725	+++++	+++++	+++++	1.687			1.219 - 2.219	1.071
Oxygen	3.823	3.800	3.849	3.847	+++++	+++++	3.831	+++++			3.332 - 4.332	2.394
Nitrogen	+++++	4.720	4.792	4.787	4.714	+++++	4.735	+++++			4.259 - 5.259	2.968
Methane	6.595	6.519	6.621	6.611	+++++	6.472	+++++	+++++			6.068 - 7.068	4.102

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10847-1 Analy Batch No.: 24788

SDG No.: 200-10847

Instrument ID: 0001.i GC Column: CTR-1 ID: 3.175(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 09:30 Calibration End Date: 09/06/2011 15:51 Calibration ID: 9771

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-24788/1	IC1	IC1B.d-avg
Level 2	IC 200-24788/2	IC2	IC2C.d-avg
Level 3	IC 200-24788/3	IC3	IC3A.d-avg
Level 4	ICRT 200-24788/4	IC4	IC4A.d-avg
Level 5	IC 200-24788/7	IC7	IC7A.d-avg
Level 6	IC 200-24788/8	IC8	IC8A.d-avg
Level 7	IC 200-24788/5	IC5	IC5A.d-avg
Level 8	IC 200-24788/6	IC6	IC6A.d-avg

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Carbon dioxide	337060 +++++	373083 +++++	328399 +++++	339391 321128	Ave		339812.161				5.7		20.0			
Oxygen	505775 +++++	369181 +++++	322186 344227	329841 +++++	Ave		374242.089				19.1		20.0			
Nitrogen	+++++ 363203	460224 +++++	370448 362627	360599 +++++	Ave		383420.127				10.6		20.0			
Methane	326088 +++++	324115 308469	280800 +++++	288435 +++++	Ave		305581.158				6.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10847-1 Analy Batch No.: 24788

SDG No.: 200-10847

Instrument ID: 0001.i GC Column: CTR-1 ID: 3.175(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/06/2011 09:30 Calibration End Date: 09/06/2011 15:51 Calibration ID: 9771

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-24788/1	IC1B.d-avg
Level 2	IC 200-24788/2	IC2C.d-avg
Level 3	IC 200-24788/3	IC3A.d-avg
Level 4	ICRT 200-24788/4	IC4A.d-avg
Level 5	IC 200-24788/7	IC7A.d-avg
Level 6	IC 200-24788/8	IC8A.d-avg
Level 7	IC 200-24788/5	IC5A.d-avg
Level 8	IC 200-24788/6	IC6A.d-avg

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (% V/V)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbon dioxide	Ave	16853 +++++	186542 +++++	820998 32112810	1696954	+++++	0.0500 +++++	0.500 +++++	2.50 100	5.00	+++++
Oxygen	Ave	20231 +++++	147673 7573001	644372 +++++	1319365	+++++	0.0400 +++++	0.400 22.0	2.00 +++++	4.00	+++++
Nitrogen	Ave	+++++ +++++	230112 28284940	926120 +++++	1802995	36320251	+++++ +++++	0.500 78.0	2.50 +++++	5.00	100
Methane	Ave	13044 30846892	129646 +++++	561599 +++++	1153740	+++++	0.0400 100	0.400 +++++	2.00 +++++	4.00	+++++

Curve Type Legend:
Ave = Average

Processing 3C data for files:
v:\ic1b.txt
v:\ic1c.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	16811	16895	16853	0.5
Oxygen	20392	20070	20231	1.59
Nitrogen	0	0	0	0
Methane	12999	13088	13043.5	0.68

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0.05	0.05	0.05	0.5
Oxygen	0.05	0.05	0.05	1.59
Nitrogen	0	0	0	0
Methane	0.04	0.04	0.04	0.68

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC1B.d
Lab Smp Id: IC1 Client Smp ID: IC1
Inj Date : 06-SEP-2011 09:30
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC1,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 09:46 Cal File: IC1C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.720	1.719	0.001	16811	0.05000	0.049(a)
2 Oxygen	3.823	3.832	-0.009	20392	0.04000	0.054(M)
3 Nitrogen	Compound Not Detected.					
4 Methane	6.595	6.568	0.027	12999	0.04000	0.043(M)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC1C.d
Lab Smp Id: IC1 Client Smp ID: IC1
Inj Date : 06-SEP-2011 09:46
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC1,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 09:46 Cal File: IC1C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

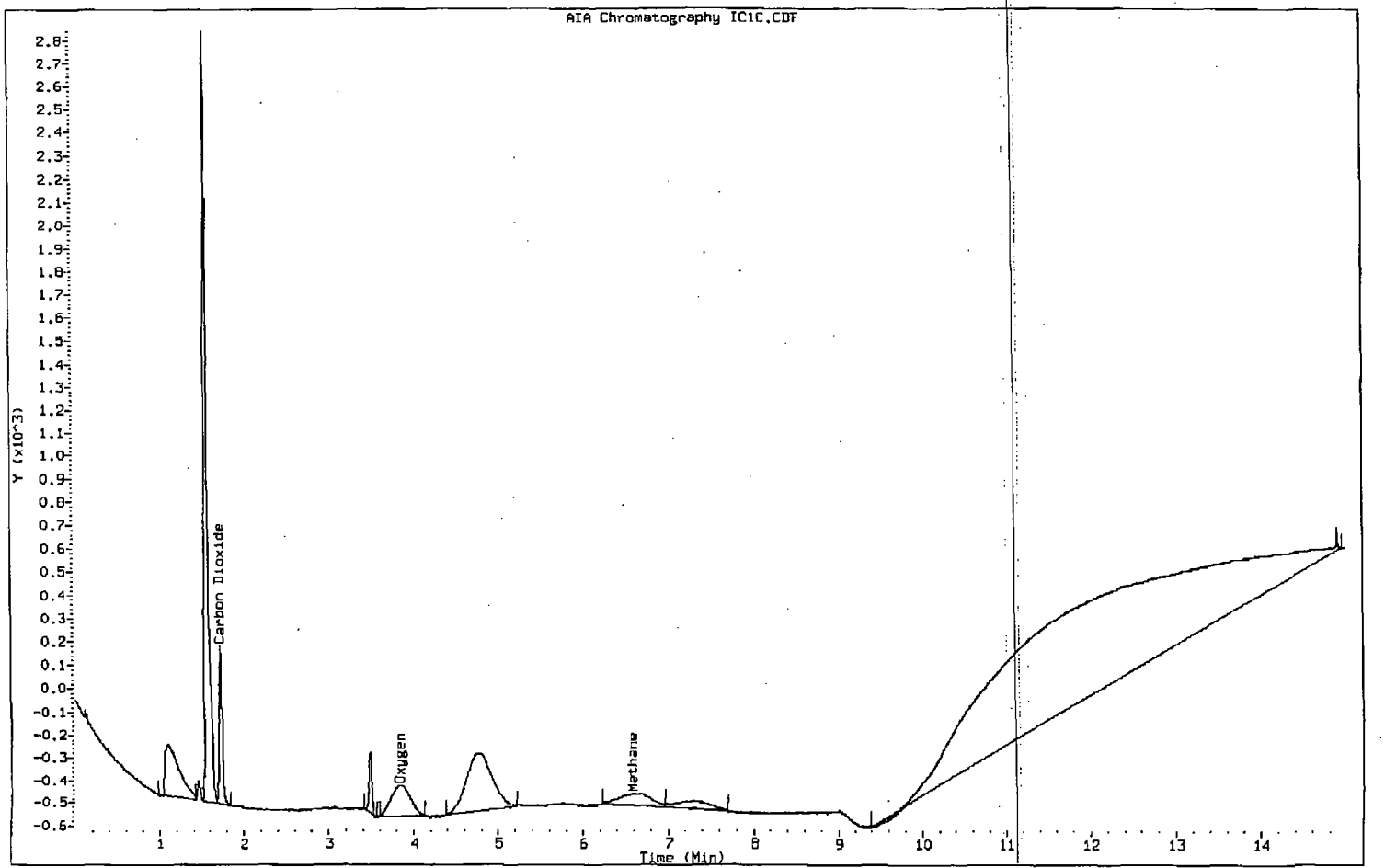
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.720	1.719	0.001	16895	0.05000	0.050
2 Oxygen	3.825	3.832	-0.007	20070	0.04000	0.054(M)
3 Nitrogen	Compound Not Detected.					
4 Methane	6.577	6.568	0.009	13088	0.04000	0.043(M)

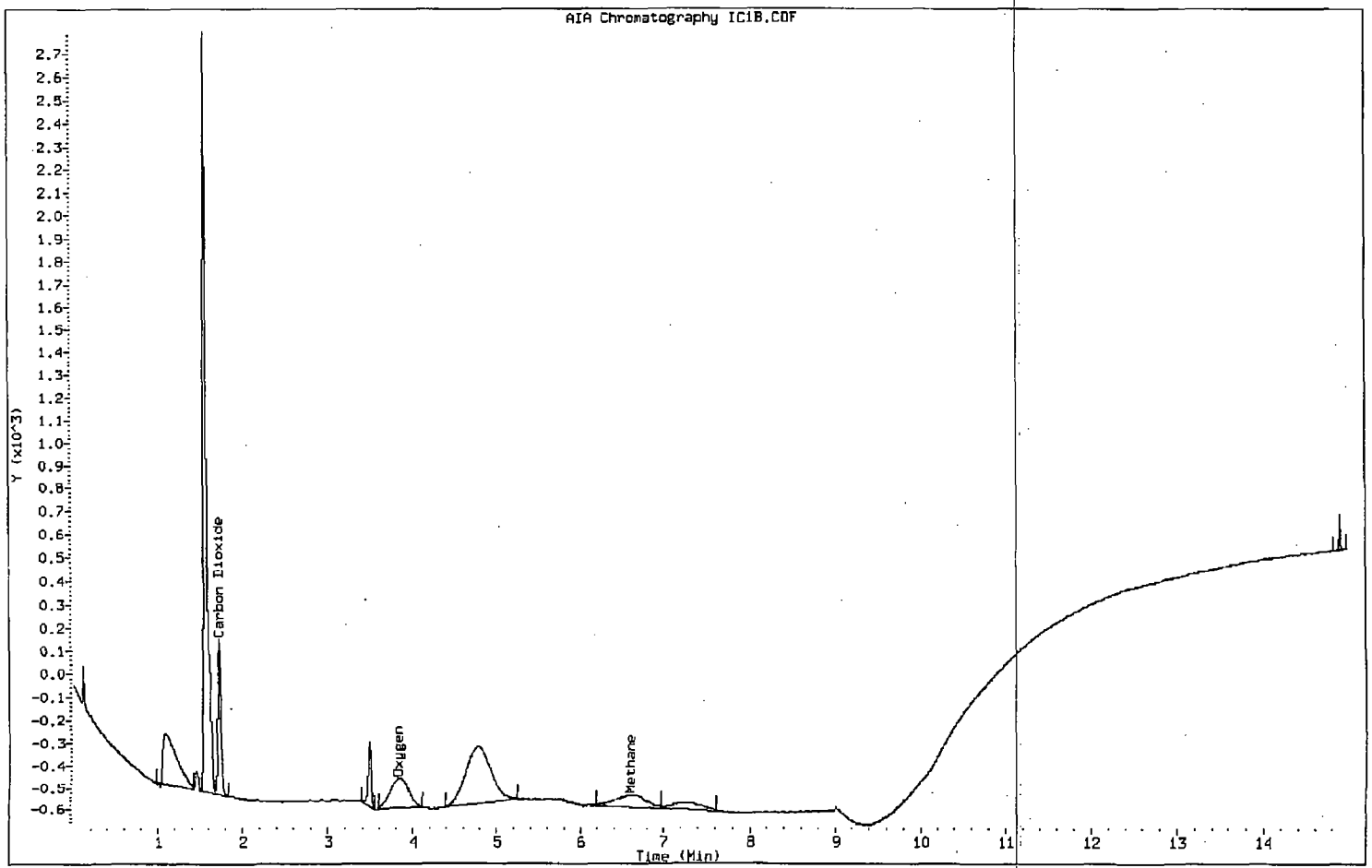
QC Flag Legend

M - Compound response manually integrated.

Data File:	IC1C.d	Date:	06-SEP-2011 09:46
Client ID:	IC1	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC1,1		
Lab Sample ID:	IC1		



Data File:	IC1B.d	Date:	06-SEP-2011 09:30
Client ID:	IC1	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC1,1		
Lab Sample ID:	IC1		



Manual Integration Report

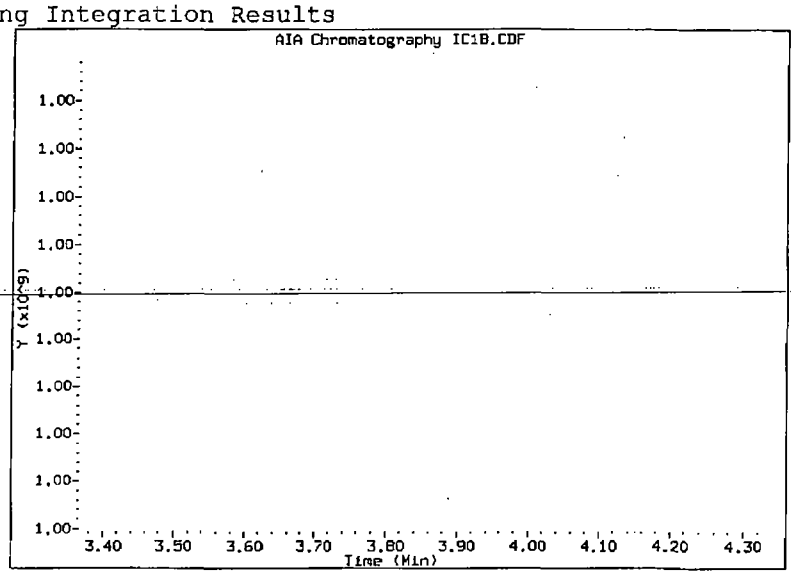
Data File: IC1B.d
Lab Sample ID: IC1
Inj. Date and Time: 06-SEP-2011 09:30
Instrument ID: 0001_3.i
Client ID: IC1
Compound: 2 Oxygen
CAS #: 7782-44-7
Report Date: 09/07/2011

RT: 3.84 Processing Integration Results

Response: 21514

Amount: 0.057487

Conc: 0.057000



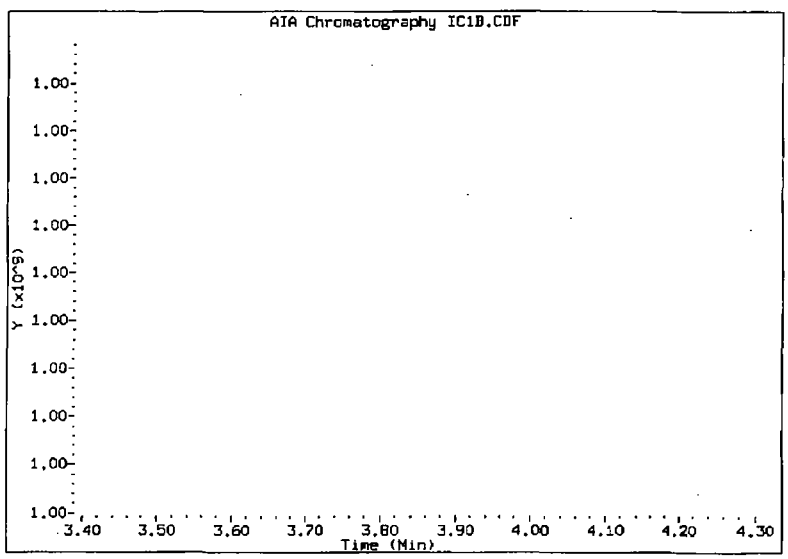
Manual Integration Results

RT: 3.82

Response: 20392

Amount: 0.054489

Conc: 0.054000



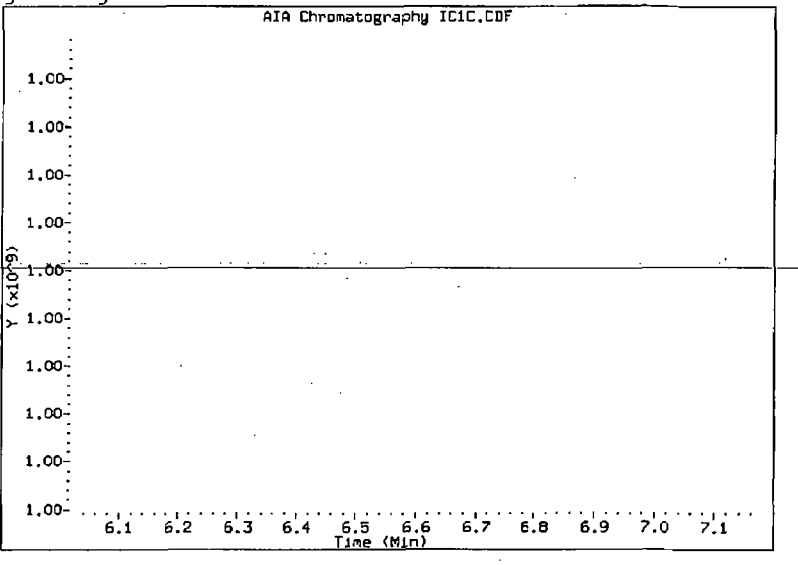
File Uploaded By: pd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: IC1C.d
Lab Sample ID: IC1
Inj. Date and Time: 06-SEP-2011 09:46
Instrument ID: 0001_3.i
Client ID: IC1
Compound: 4 Methane
CAS #: 74-82-8
Report Date: 09/07/2011

Processing Integration Results

Not Detected



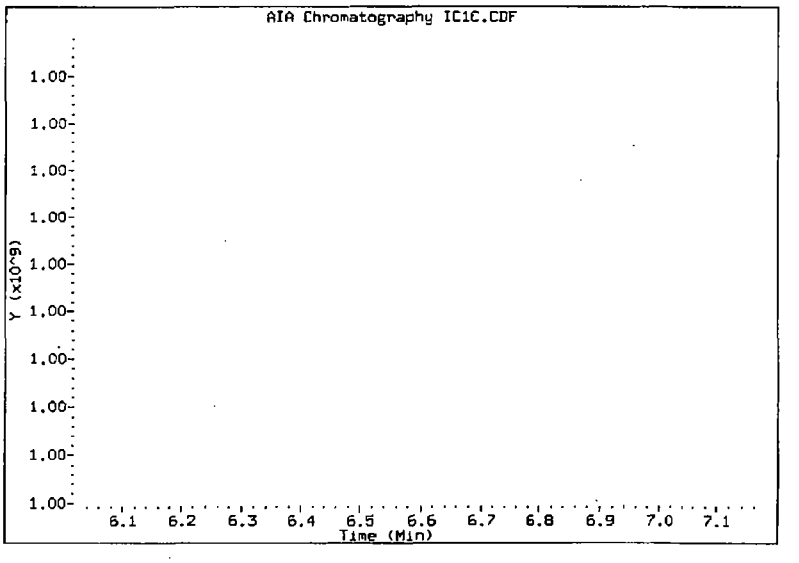
Manual Integration Results

RT: 6.58

Response: 13088

Amount: 0.042830

Conc: 0.043000



File Uploaded By: pd
Manual Integration Reason: Baseline event

Manual Integration Report

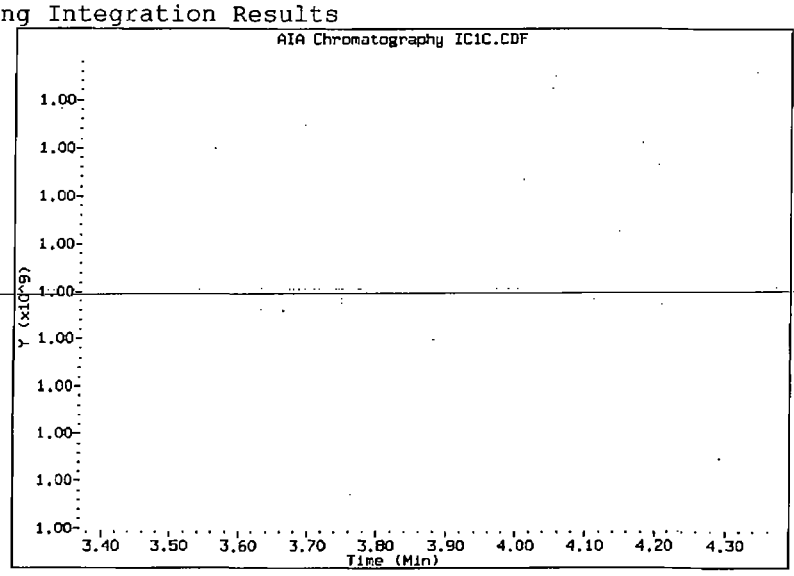
Data File: IC1C.d
Lab Sample ID: IC1
Inj. Date and Time: 06-SEP-2011 09:46
Instrument ID: 0001_3.i
Client ID: IC1
Compound: 2 Oxygen
CAS #: 7782-44-7
Report Date: 09/07/2011

RT: 3.84 Processing Integration Results

Response: 21952

Amount: 0.058657

Conc: 0.059000



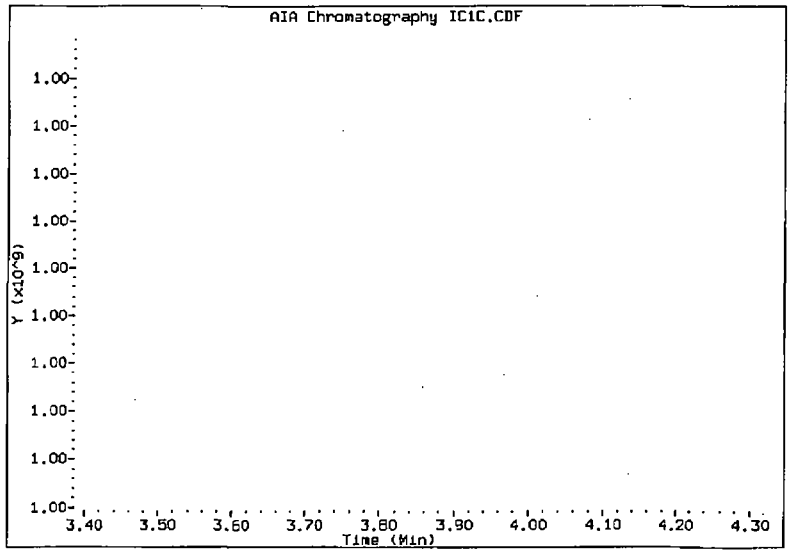
Manual Integration Results

RT: 3.83

Response: 20070

Amount: 0.053628

Conc: 0.054000



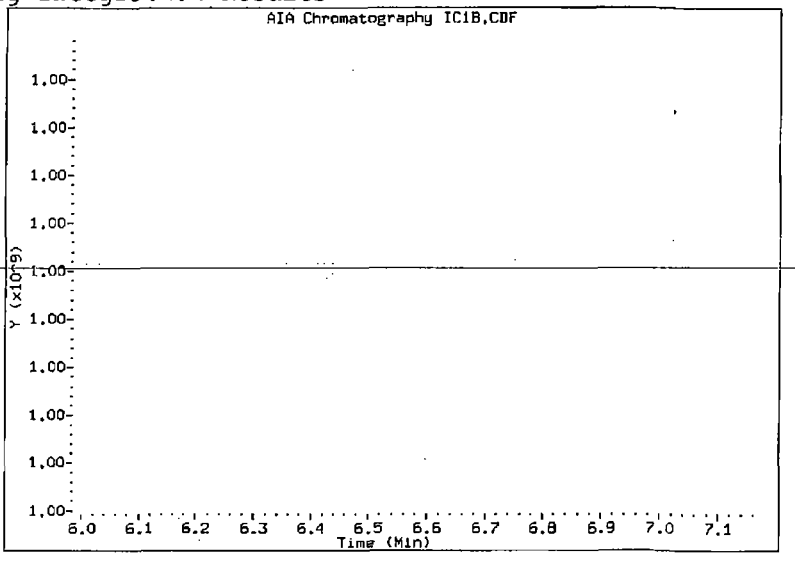
File Uploaded By: pd
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: IC1B.d
Lab Sample ID: IC1
Inj. Date and Time: 06-SEP-2011 09:30
Instrument ID: 0001_3.i
Client ID: IC1
Compound: 4 Methane
CAS #: 74-82-8
Report Date: 09/07/2011

Processing Integration Results

Not Detected



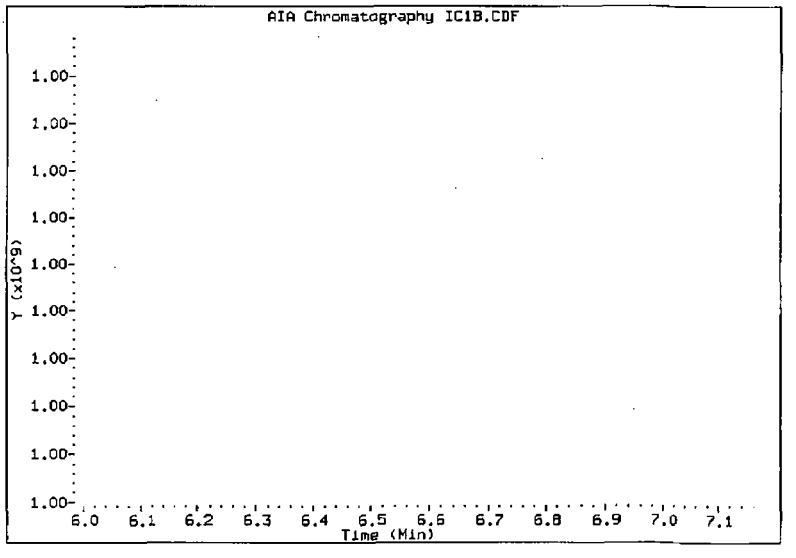
Manual Integration Results

RT: 6.59

Response: 12999

Amount: 0.042539

Conc: 0.043000



File Uploaded By: pd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC2D.d
Lab Smp Id: IC2 Client Smp ID: IC2
Inj Date : 06-SEP-2011 11:10
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC2,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 11:10 Cal File: IC2D.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.724	1.719	0.005	190971	0.50000	0.56
2 Oxygen	3.841	3.832	0.009	149484	0.40000	0.40
3 Nitrogen	4.781	4.759	0.022	230232	0.50000	0.60
4 Methane	6.608	6.568	0.040	129828	0.40000	0.42

Processing 3C data for files:
v:\ic2c.txt
v:\ic2d.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	182112	190971	186541.5	4.75
Oxygen	145861	149484	147672.5	2.45
Nitrogen	229992	230232	230112	0.1
Methane	129464	129828	129646	0.28

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0.54	0.56	0.55	4.75
Oxygen	0.39	0.4	0.39	2.45
Nitrogen	0.6	0.6	0.6	0.1
Methane	0.42	0.42	0.42	0.28

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC2C.d
Lab Smp Id: IC2 Client Smp ID: IC2
Inj Date : 06-SEP-2011 10:35
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC2,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 11:10 Cal File: IC2D.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

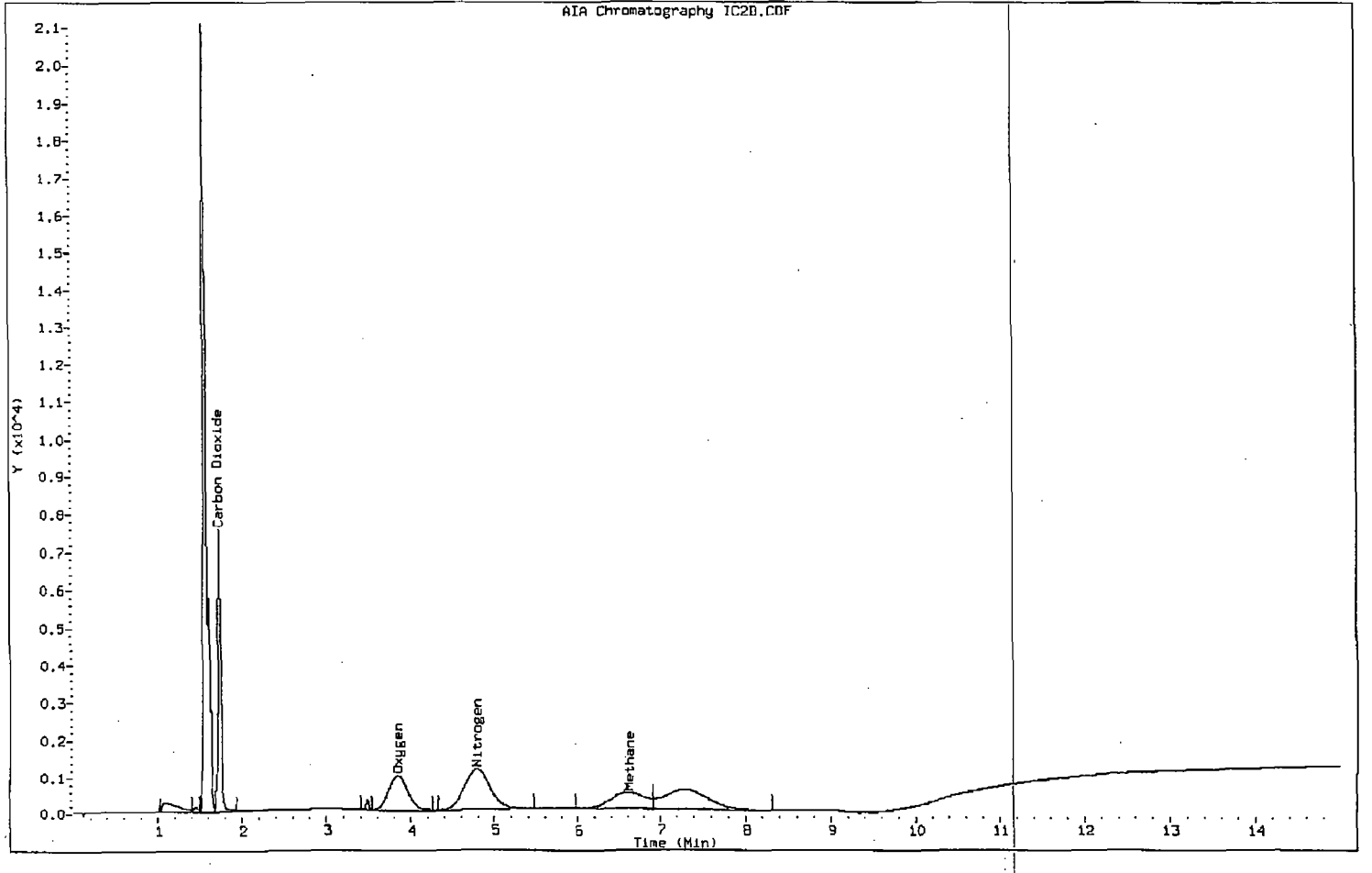
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.712	1.719	-0.007	182112	0.50000	0.54(M)
2 Oxygen	3.800	3.832	-0.032	145861	0.40000	0.39
3 Nitrogen	4.720	4.759	-0.039	229992	0.50000	0.60
4 Methane	6.519	6.568	-0.049	129464	0.40000	0.42

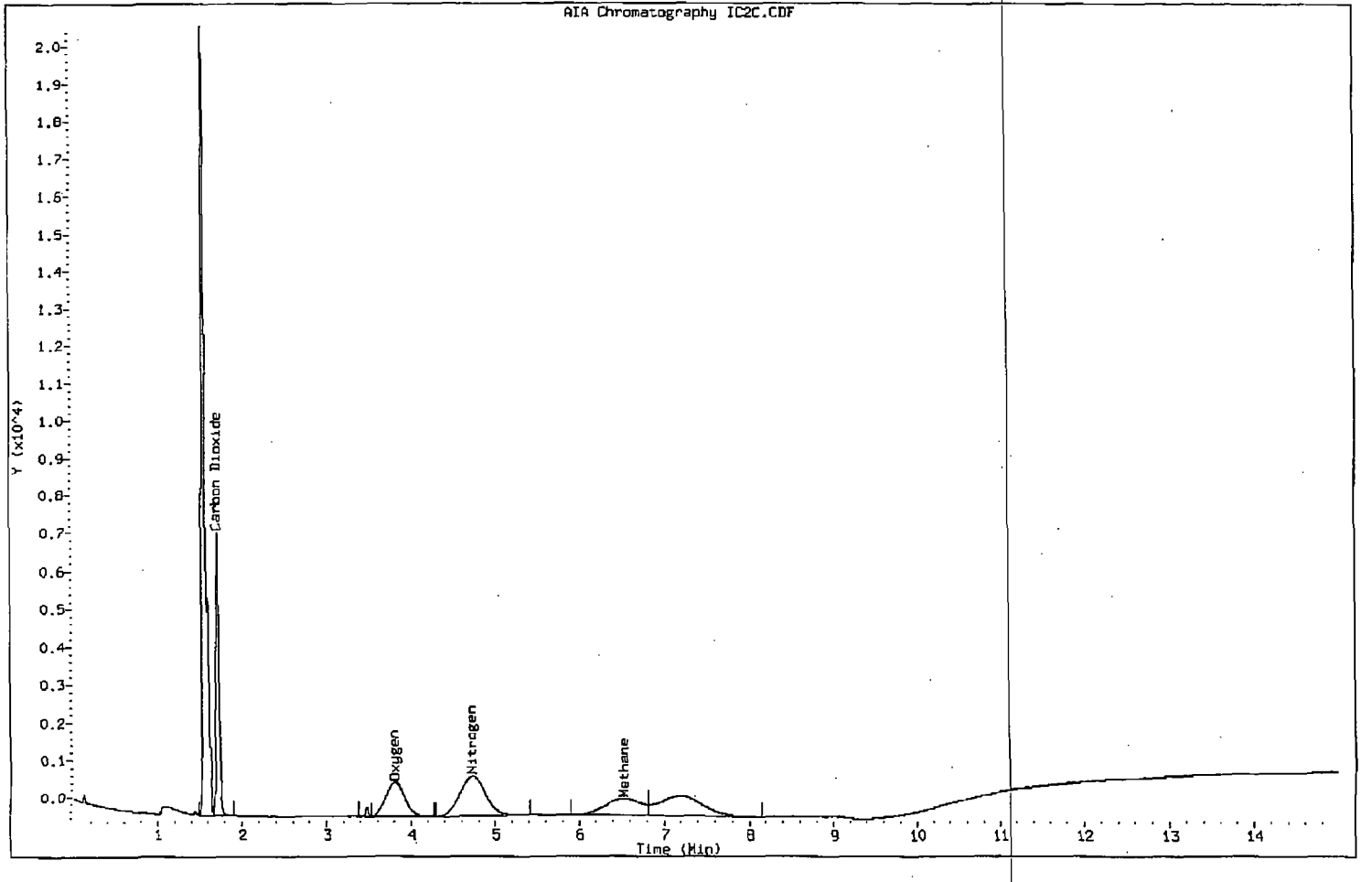
QC Flag Legend

M - Compound response manually integrated.

Data File:	IC2D.d	Date:	06-SEP-2011 11:10
Client ID:	IC2	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC2,1		
Lab Sample ID:	IC2		



Data File:	IC2C.d	Date:	06-SEP-2011 10:35
Client ID:	IC2	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC2,1		
Lab Sample ID:	IC2		



Manual Integration Report

Data File: IC2C.d
Lab Sample ID: IC2
Inj. Date and Time: 06-SEP-2011 10:35
Instrument ID: 0001_3.i
Client ID: IC2
Compound: 1 Carbon Dioxide
CAS #: 124-38-9
Report Date: 09/07/2011

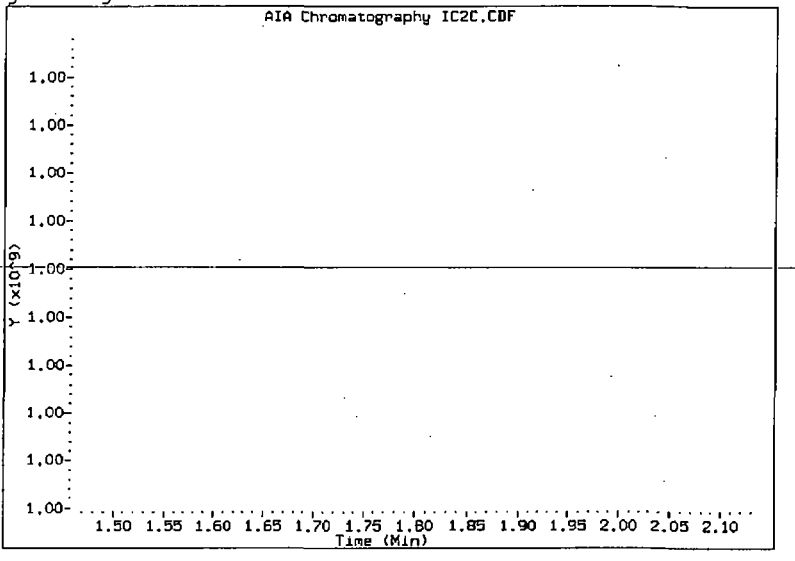
Processing Integration Results

RT: 1.71

Response: 180425

Amount: 0.530957

Conc: 0.530000



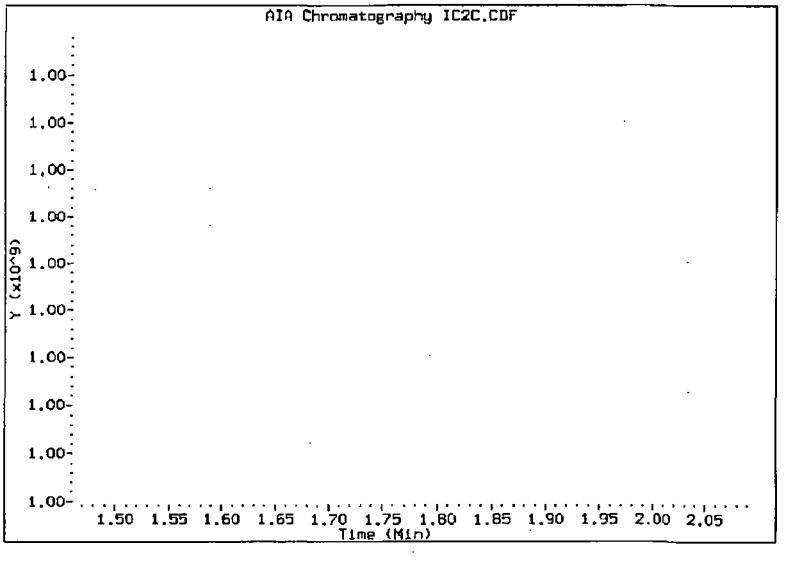
Manual Integration Results

RT: 1.71

Response: 182112

Amount: 0.535920

Conc: 0.540000



File Uploaded By: pd
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC3B.d
Lab Smp Id: IC3 Client Smp ID: IC3
Inj Date : 06-SEP-2011 11:47
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC3,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 11:47 Cal File: IC3B.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.718	1.719	-0.001	816538	2.50000	2.4
2 Oxygen	3.826	3.832	-0.006	643201	2.00000	1.7
3 Nitrogen	4.753	4.759	-0.006	921415	2.50000	2.4
4 Methane	6.567	6.568	-0.001	561632	2.00000	1.8

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC3A.d
Lab Smp Id: IC3 Client Smp ID: IC3
Inj Date : 06-SEP-2011 11:31
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC3,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 11:47 Cal File: IC3B.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.726	1.719	0.007	825457	2.50000	2.4
2 Oxygen	3.849	3.832	0.017	645542	2.00000	1.7
3 Nitrogen	4.792	4.759	0.033	930824	2.50000	2.4
4 Methane	6.621	6.568	0.053	561566	2.00000	1.8

Processing 3C data for files:
v:\ic3a.txt
v:\ic3b.txt

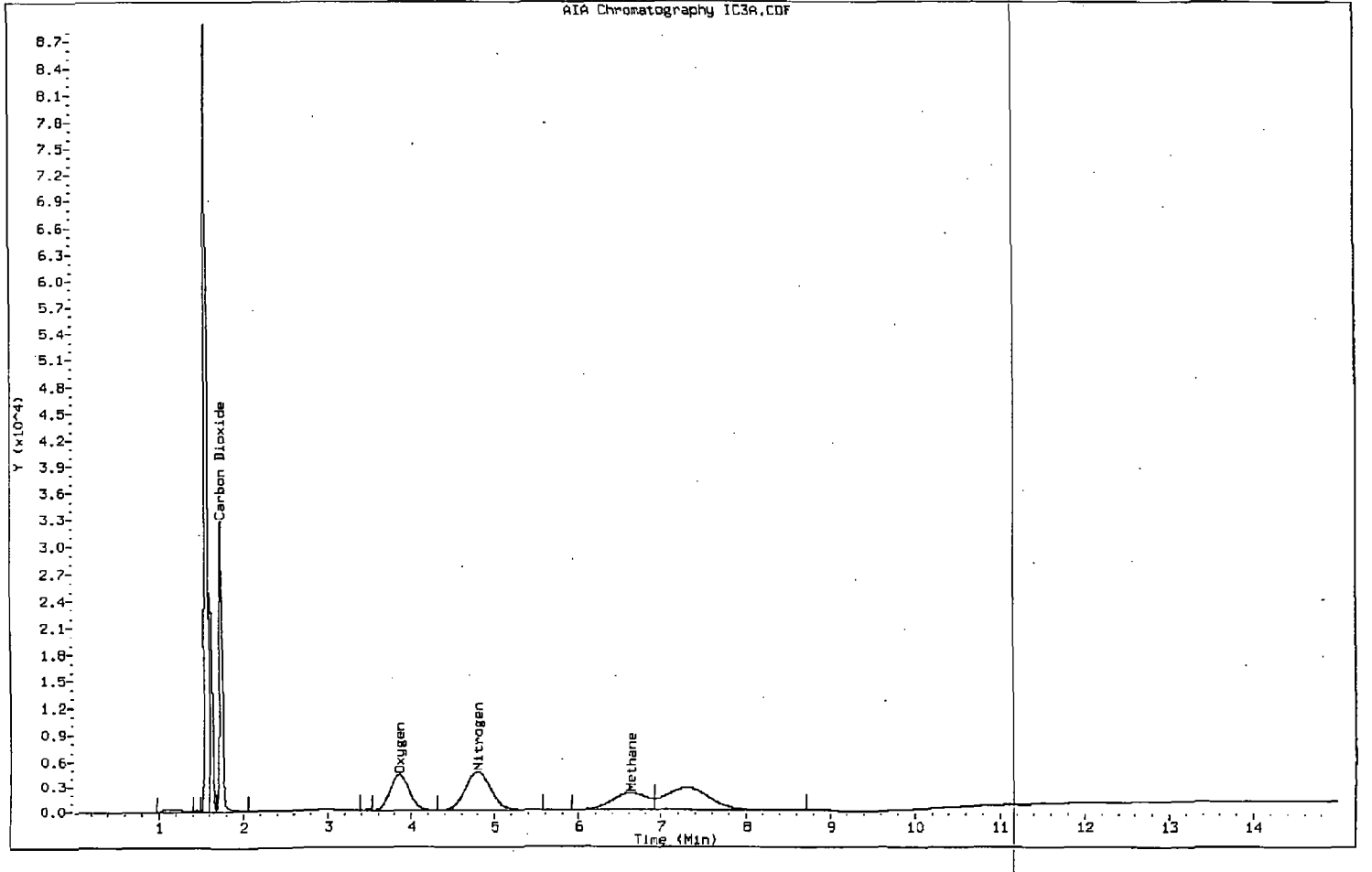
Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	825457	816538	820997.5	1.09
Oxygen	645542	643201	644371.5	0.36
Nitrogen	930824	921415	926119.5	1.02
Methane	561566	561632	561599	0.01

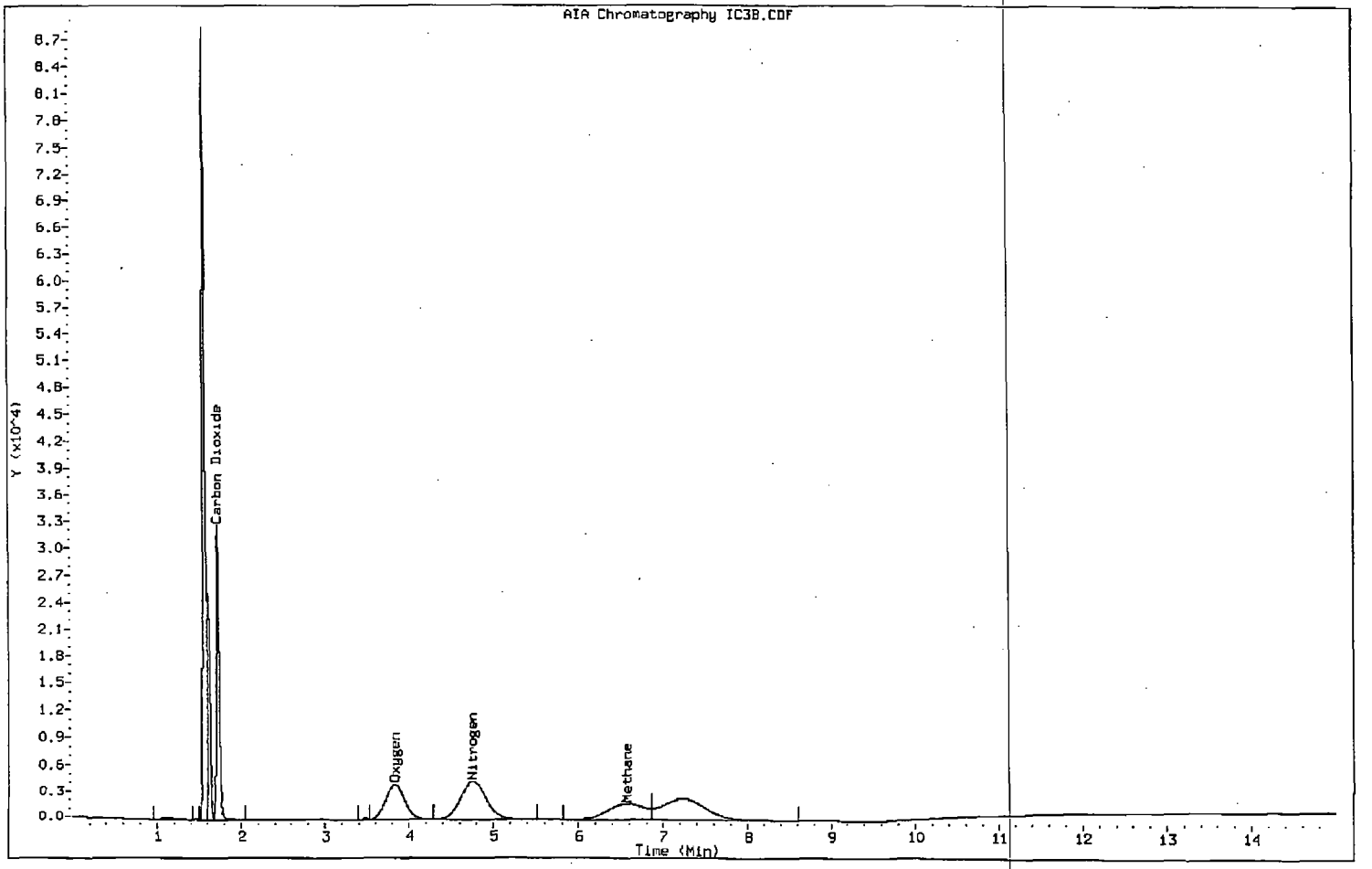
Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	2.43	2.4	2.42	1.09
Oxygen	1.72	1.72	1.72	0.36
Nitrogen	2.43	2.4	2.42	1.02
Methane	1.84	1.84	1.84	0.01

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	IC3A.d	Date:	06-SEP-2011 11:31
Client ID:	IC3	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC3,1		
Lab Sample ID:	IC3		



Data File:	IC3B.d	Date:	06-SEP-2011 11:47
Client ID:	IC3	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC3,1		
Lab Sample ID:	IC3		



Processing 3C data for files:
v:\ic4a.txt
v:\ic4b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1700389	1693518	1696953.5	0.4
Oxygen	1309741	1328988	1319364.5	1.46
Nitrogen	1795516	1810473	1802994.5	0.83
Methane	1153641	1153838	1153739.5	0.02

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5	4.98	4.99	0.4
Oxygen	3.5	3.55	3.53	1.46
Nitrogen	4.68	4.72	4.7	0.83
Methane	3.78	3.78	3.78	0.02

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC4B.d
Lab Smp Id: IC4 Client Smp ID: IC4
Inj Date : 06-SEP-2011 12:44
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC4,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 12:44 Cal File: IC4B.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.719	1.719	0.000	1693518	5.00000	5.0
2 Oxygen	3.832	3.832	0.000	1328988	4.00000	3.6
3 Nitrogen	4.759	4.759	0.000	1810473	5.00000	4.7
4 Methane	6.568	6.568	0.000	1153838	4.00000	3.8

TestAmerica Burlington

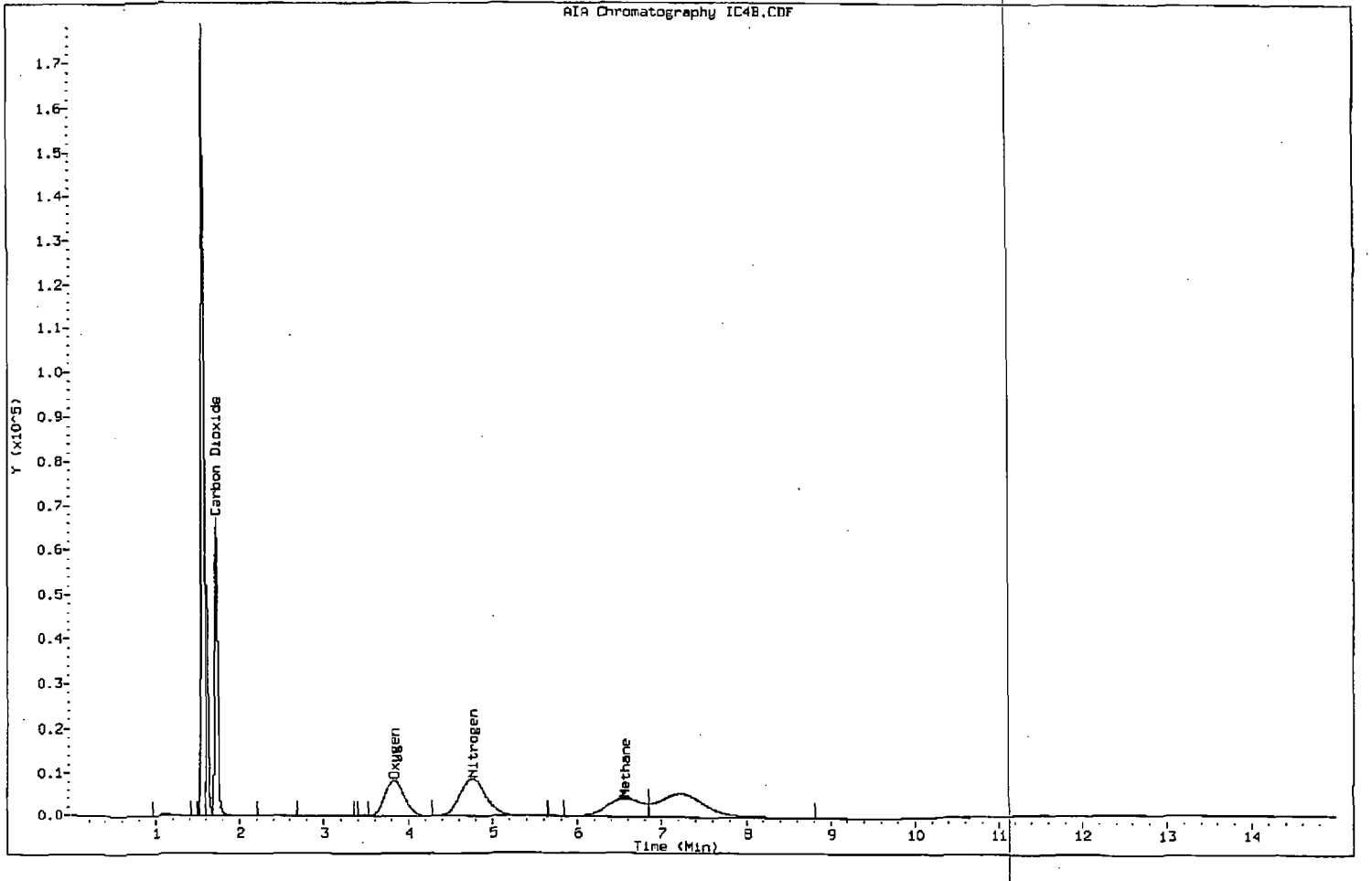
Data file : /var/chem/0001_3.i/06SEP113C.b/IC4A.d
Lab Smp Id: IC4 Client Smp ID: IC4
Inj Date : 06-SEP-2011 12:28
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC4,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 12:44 Cal File: IC4B.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

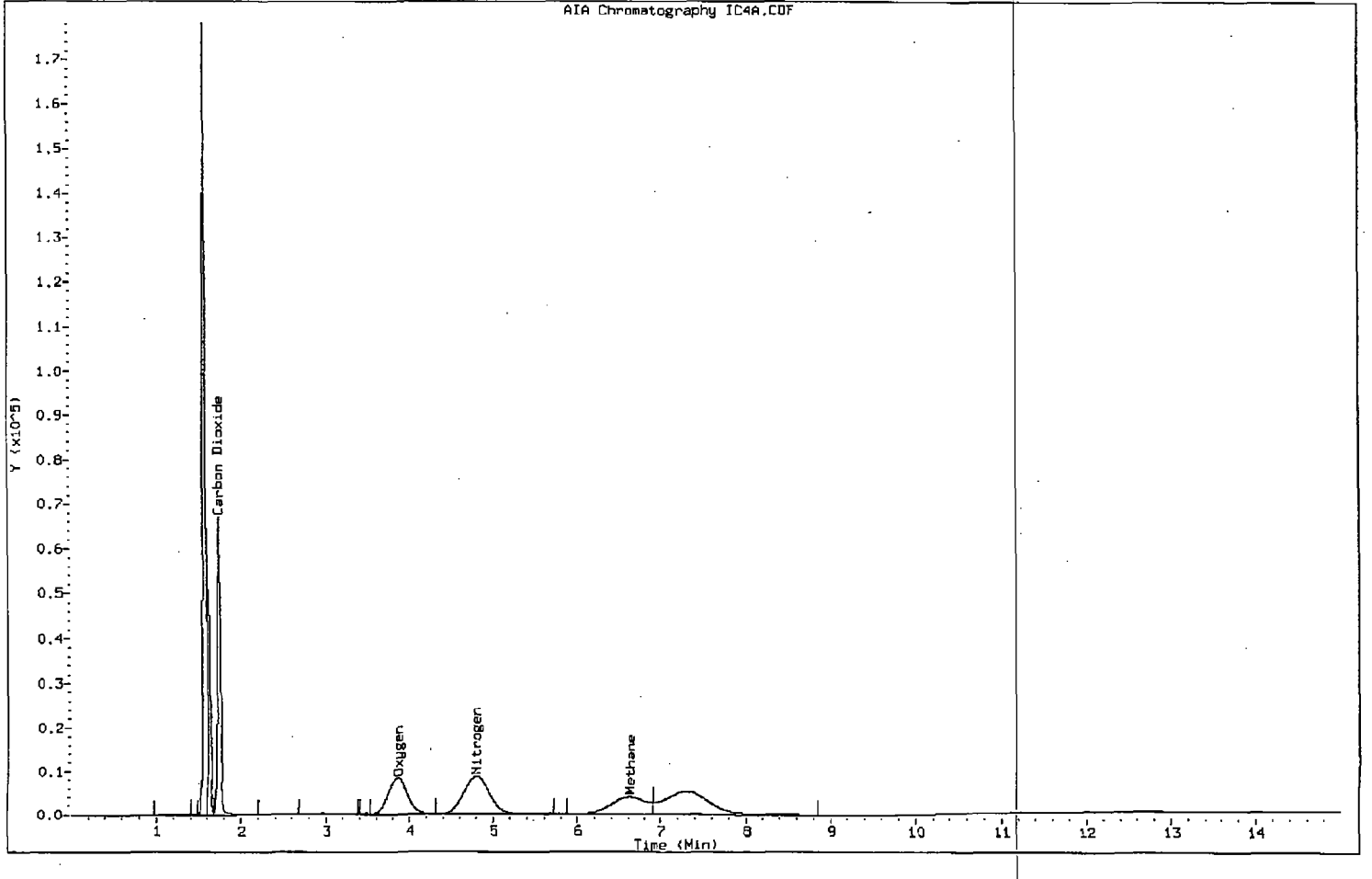
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.725	1.719	0.006	1700389	5.00000	5.0
2 Oxygen	3.847	3.832	0.015	1309741	4.00000	3.5
3 Nitrogen	4.787	4.759	0.028	1795516	5.00000	4.7
4 Methane	6.611	6.568	0.043	1153641	4.00000	3.8

Data File:	IC4B.d	Date:	06-SEP-2011 12:44
Client ID:	IC4	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC4,1		
Lab Sample ID:	IC4		



Data File:	IC4A.d	Date:	06-SEP-2011 12:28
Client ID:	IC4	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC4,1		
Lab Sample ID:	IC4		



TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC5B.d
Lab Smp Id: IC5 Client Smp ID: IC5
Inj Date : 06-SEP-2011 13:35
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC5,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 13:35 Cal File: IC5B.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	3.808	3.832	-0.024	7617426	22.0000	20
3 Nitrogen	4.698	4.759	-0.061	28416986	78.0000	74
4 Methane	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC5A.d
Lab Smp Id: IC5 Client Smp ID: IC5
Inj Date : 06-SEP-2011 13:19
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC5,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 13:35 Cal File: IC5B.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	3.831	3.832	-0.001	7528576	22.0000	20
3 Nitrogen	4.735	4.759	-0.024	28152893	78.0000	73
4 Methane	Compound Not Detected.					

Processing 3C data for files:
v:\ic5a.txt
v:\ic5b.txt

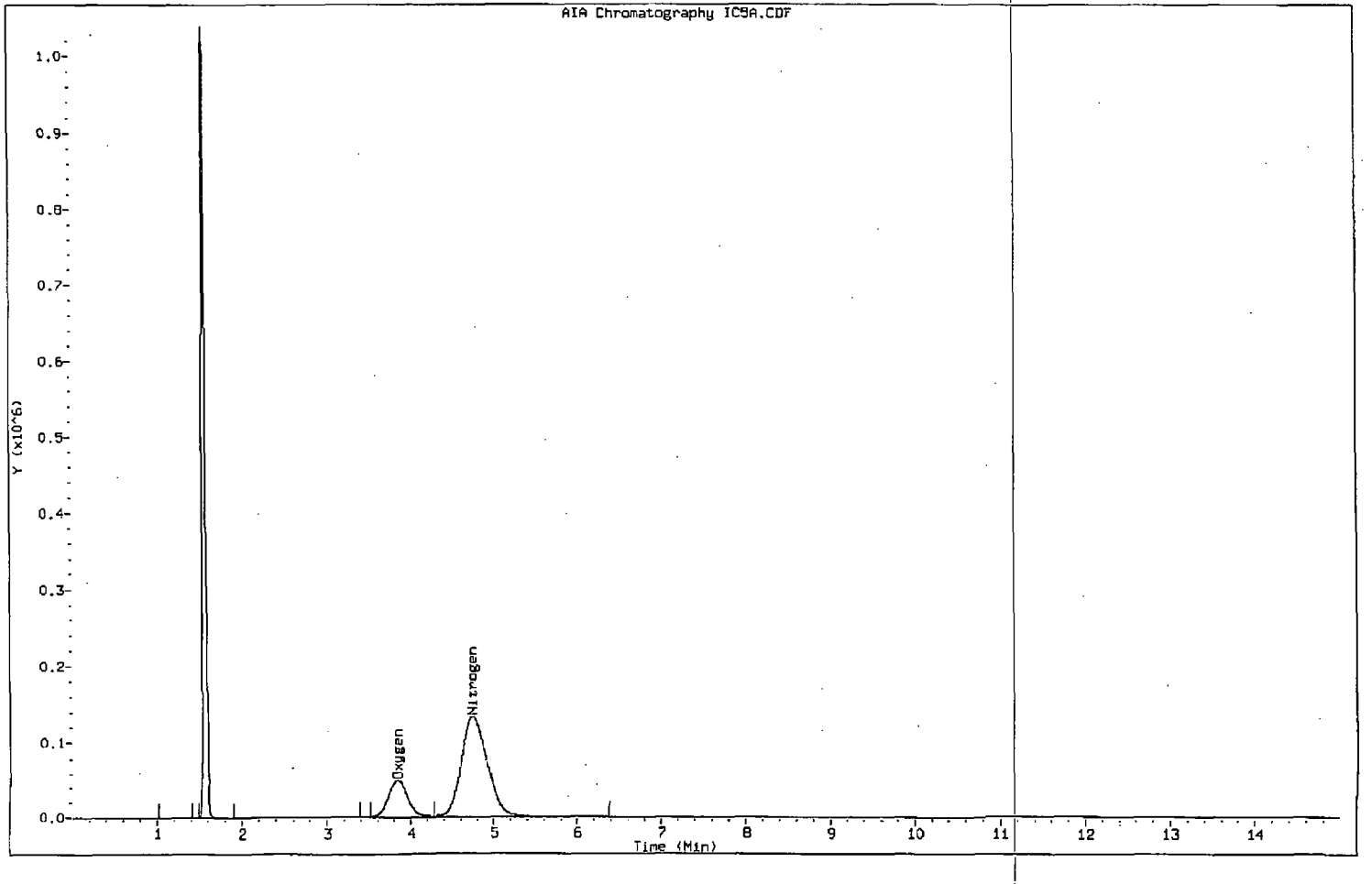
Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	0	0	0	0
Oxygen	7528576	7617426	7573001	1.17
Nitrogen	28152893	28416986	28284939.5	0.93
Methane	0	0	0	0

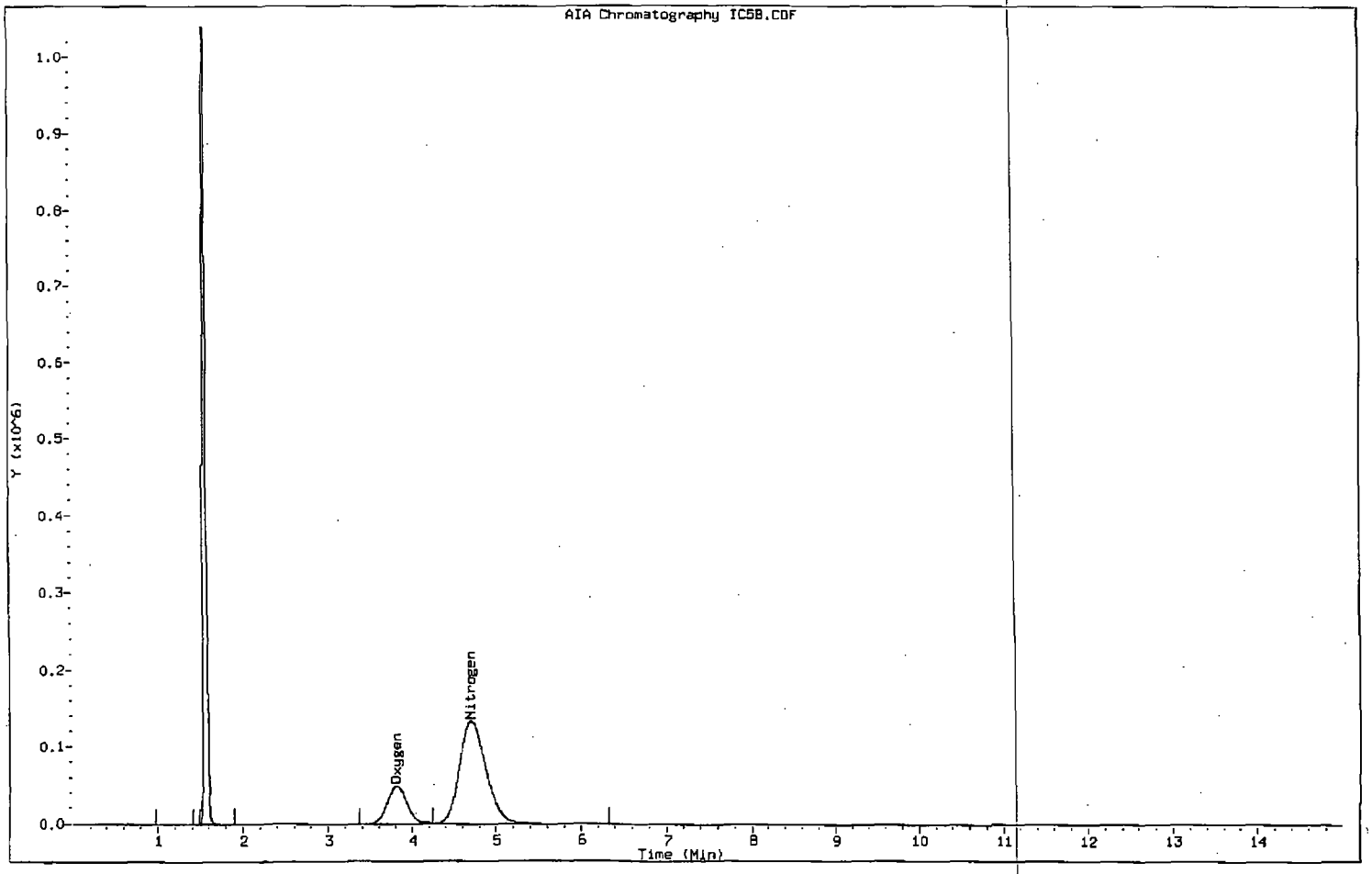
Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0	0	0	0
Oxygen	20.12	20.35	20.24	1.17
Nitrogen	73.43	74.11	73.77	0.93
Methane	0	0	0	0

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	IC5A.d	Date:	06-SEP-2011 13:19
Client ID:	IC5	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC5,1		
Lab Sample ID:	IC5		



Data File:	IC5B.d	Date:	06-SEP-2011 13:35
Client ID:	IC5	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC5,1		
Lab Sample ID:	IC5		



TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC6A.d
Lab Smp Id: IC6 Client Smp ID: IC6
Inj Date : 06-SEP-2011 14:24
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC6,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 14:40 Cal File: IC6B.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.687	1.719	-0.032	32051751	100.000	94
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					

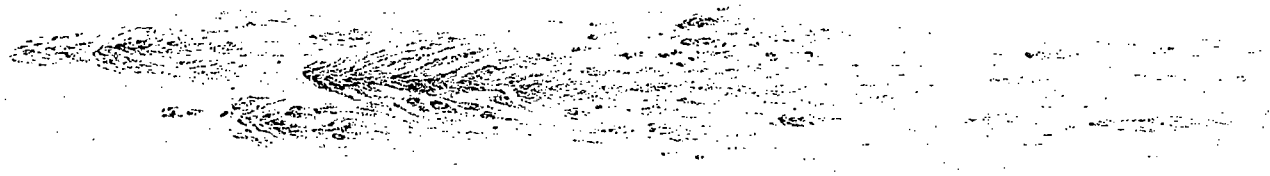
Processing 3C data for files:
v:\ic6a.txt
v:\ic6b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	32051751	32173870	32112810.5	0.38
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	94.32	94.68	94.5	0.38
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied



TestAmerica Burlington

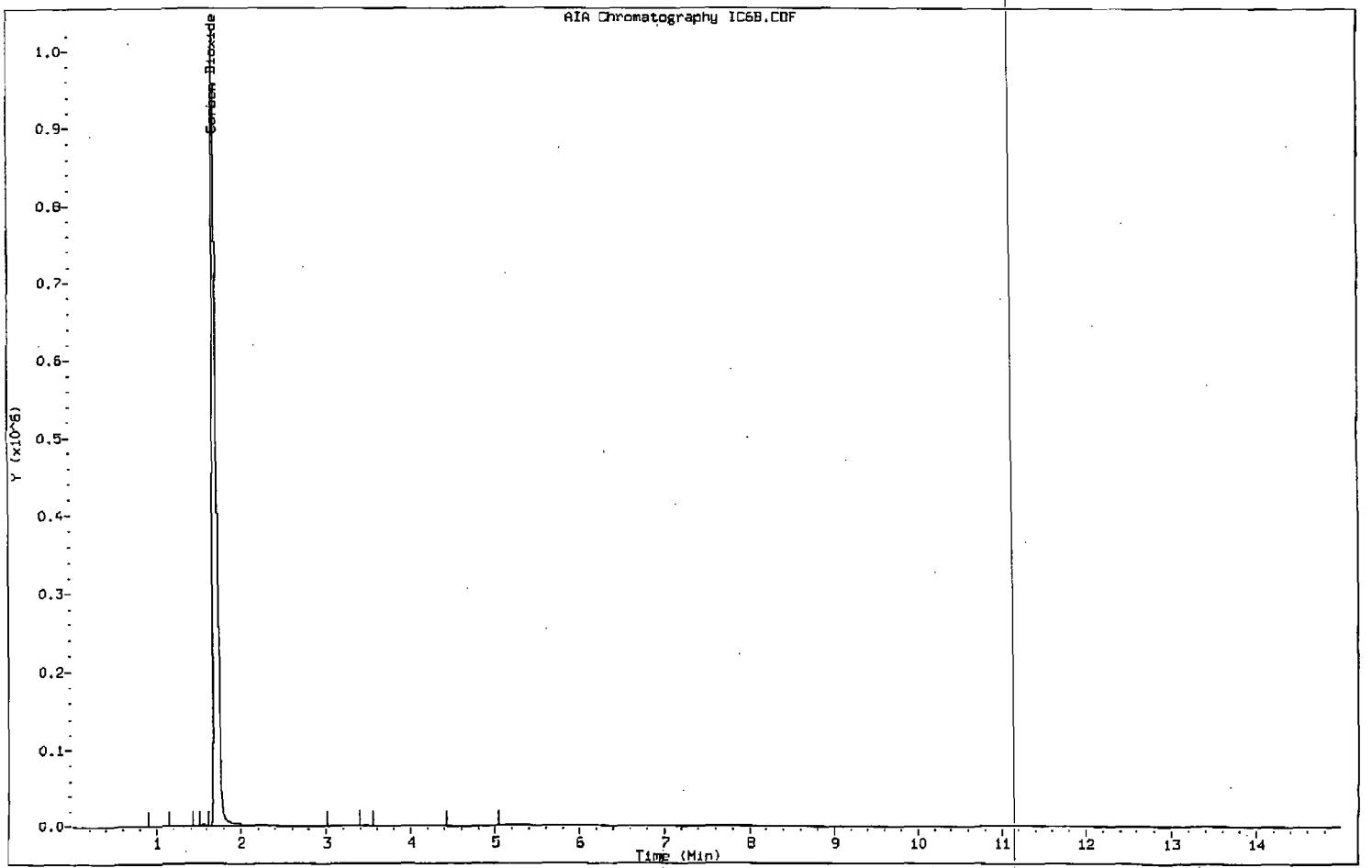
Data file : /var/chem/0001_3.i/06SEP113C.b/IC6B.d
Lab Smp Id: IC6 Client Smp ID: IC6
Inj Date : 06-SEP-2011 14:40
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC6,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 14:40 Cal File: IC6B.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

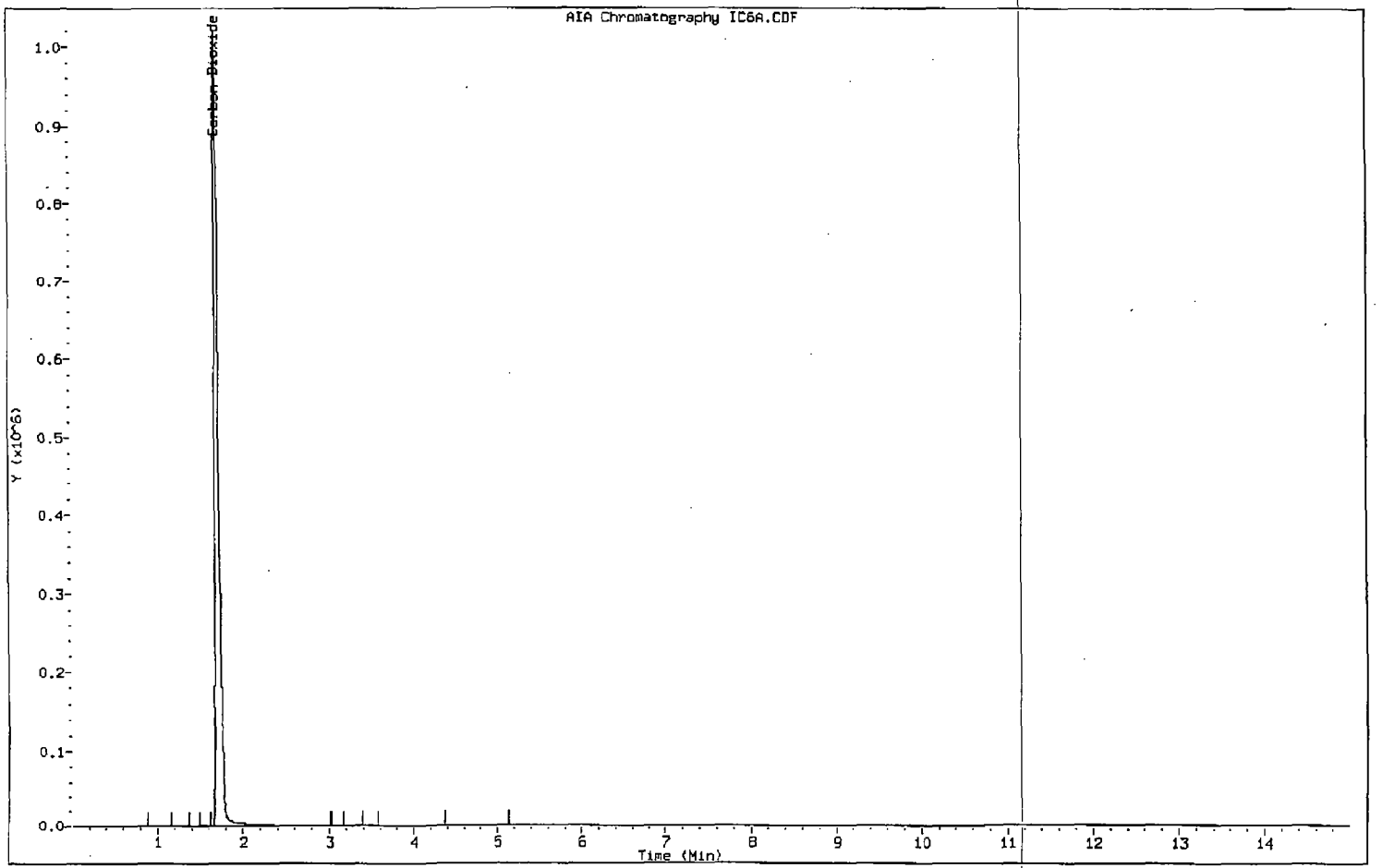
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.684	1.719	-0.035	32173870	100.000	95
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					

Data File:	IC6B.d	Date:	06-SEP-2011 14:40
Client ID:	IC6	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC6,1		
Lab Sample ID:	IC6		



Data File:	IC6A.d	Date:	06-SEP-2011 14:24
Client ID:	IC6	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC6,1		
Lab Sample ID:	IC6		



TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC7B.d
Lab Smp Id: IC7 Client Smp ID: IC7
Inj Date : 06-SEP-2011 15:19
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC7,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 15:19 Cal File: IC7B.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	4.688	4.759	-0.071	36454135	100.000	95
4 Methane	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC7A.d
Lab Smp Id: IC7 Client Smp ID: IC7
Inj Date : 06-SEP-2011 15:03
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC7,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 15:19 Cal File: IC7B.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	4.714	4.759	-0.045	36186366	100.000	94
4 Methane	Compound Not Detected.					

Processing 3C data for files:
v:\ic7a.txt
v:\ic7b.txt

Raw Results - Fixed Gases

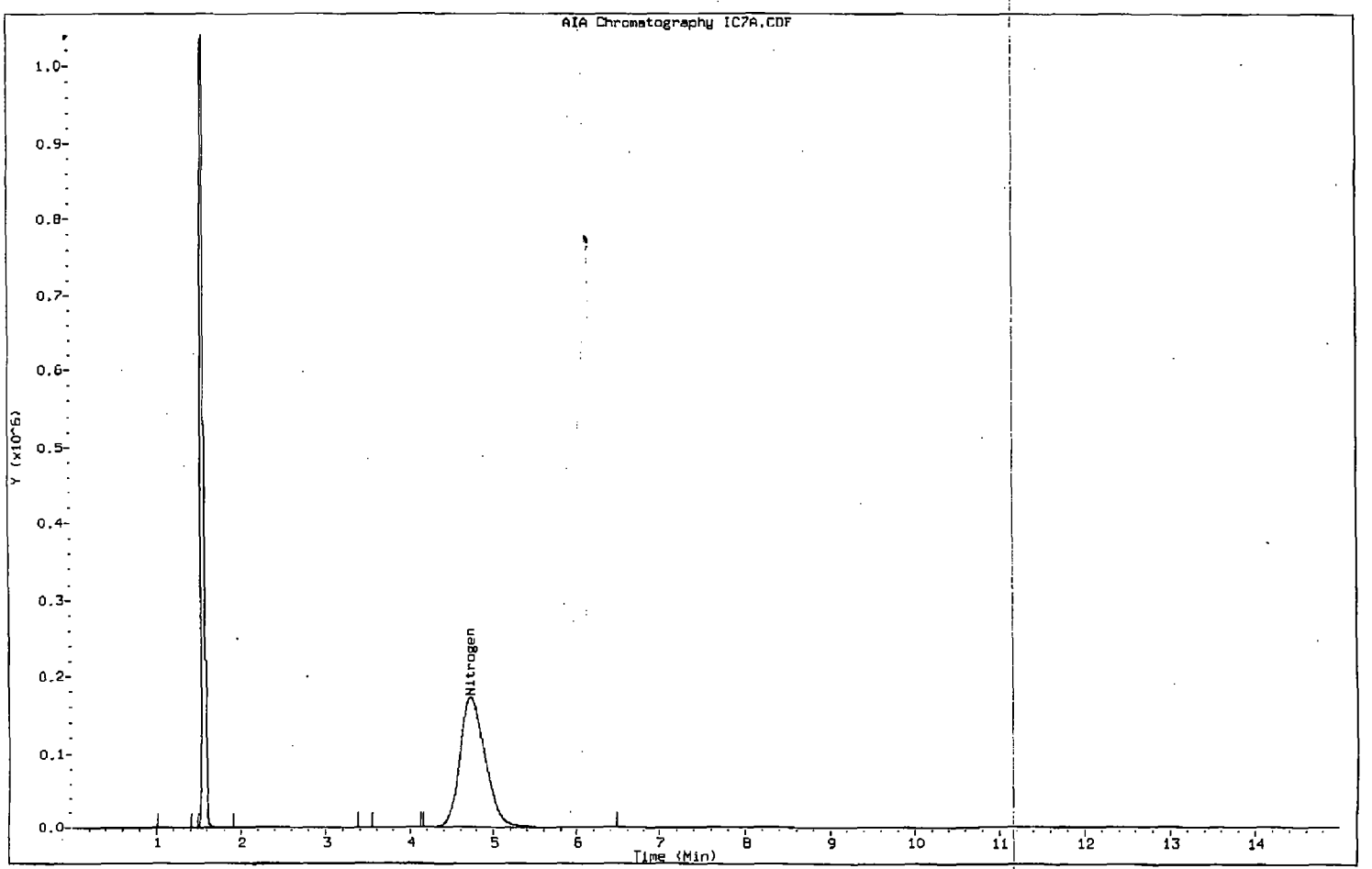
Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	36186366	36454135	36320250.5	0.74
Methane	0	0	0	0

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	94.38	95.08	94.73	0.74
Methane	0	0	0	0

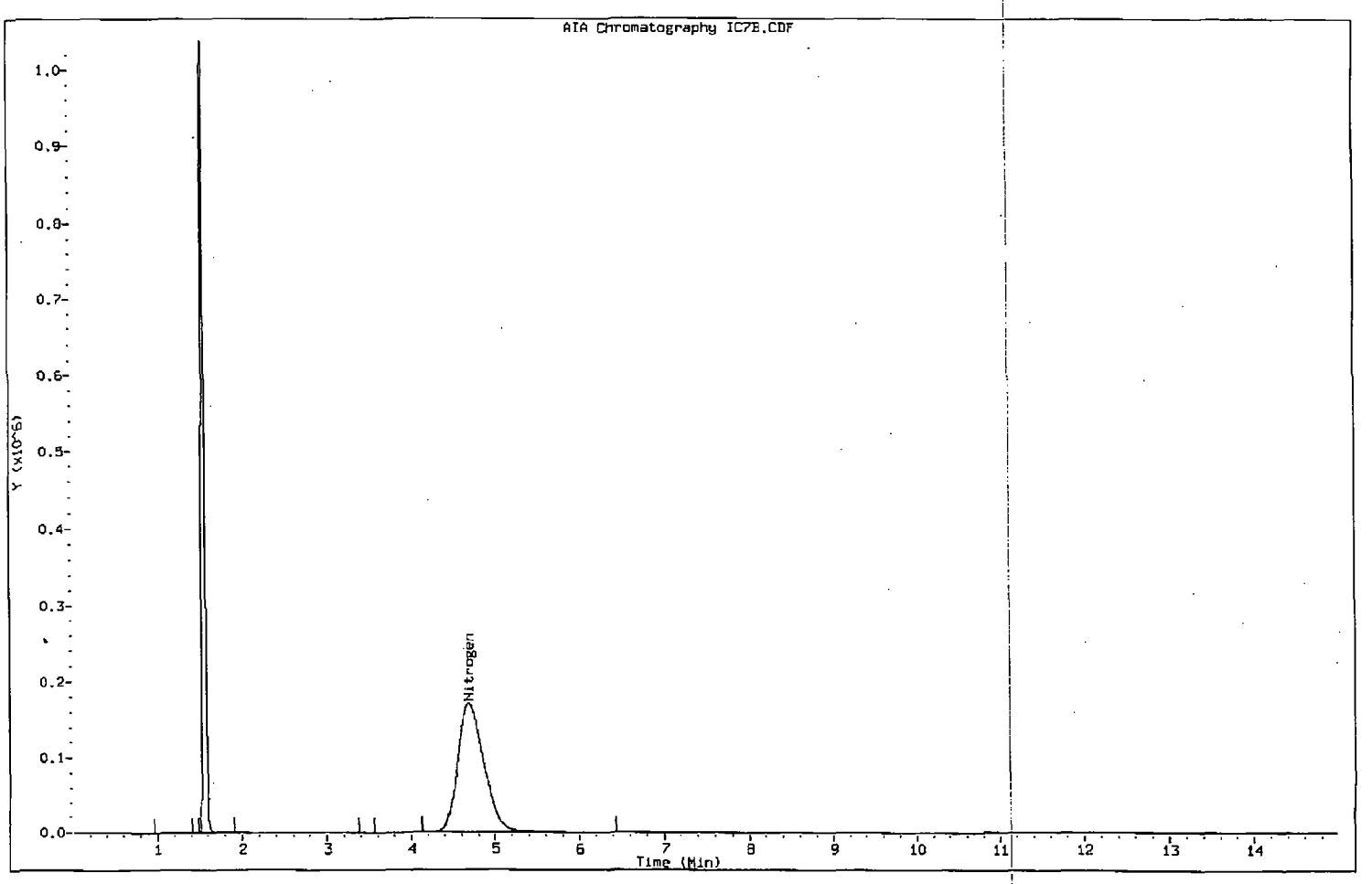
NMOC Correction

NMOC correction not requested, NMOC correction not applied

Data File:	IC7A.d	Date:	06-SEP-2011 15:03
Client ID:	IC7	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC7,1		
Lab Sample ID:	IC7		



Data File:	IC7B.d	Date:	06-SEP-2011 15:19
Client ID:	IC7	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC7,1		
Lab Sample ID:	IC7		



TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC8A.d
Lab Smp Id: IC8 Client Smp ID: IC8
Inj Date : 06-SEP-2011 15:51
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC8,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Deteeted.					
4 Methane	6.472	6.568	-0.096	30632022	100.000	100(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/IC8B.d
Lab Smp Id: IC8 Client Smp ID: IC8
Inj Date : 06-SEP-2011 16:07
Operator : PAD Inst ID: 0001_3.i
Smp Info : IC8,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	6.441	6.568	-0.127	31061761	100.000	100(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Processing 3C data for files:
v:\ic8a.txt
v:\ic8b.txt

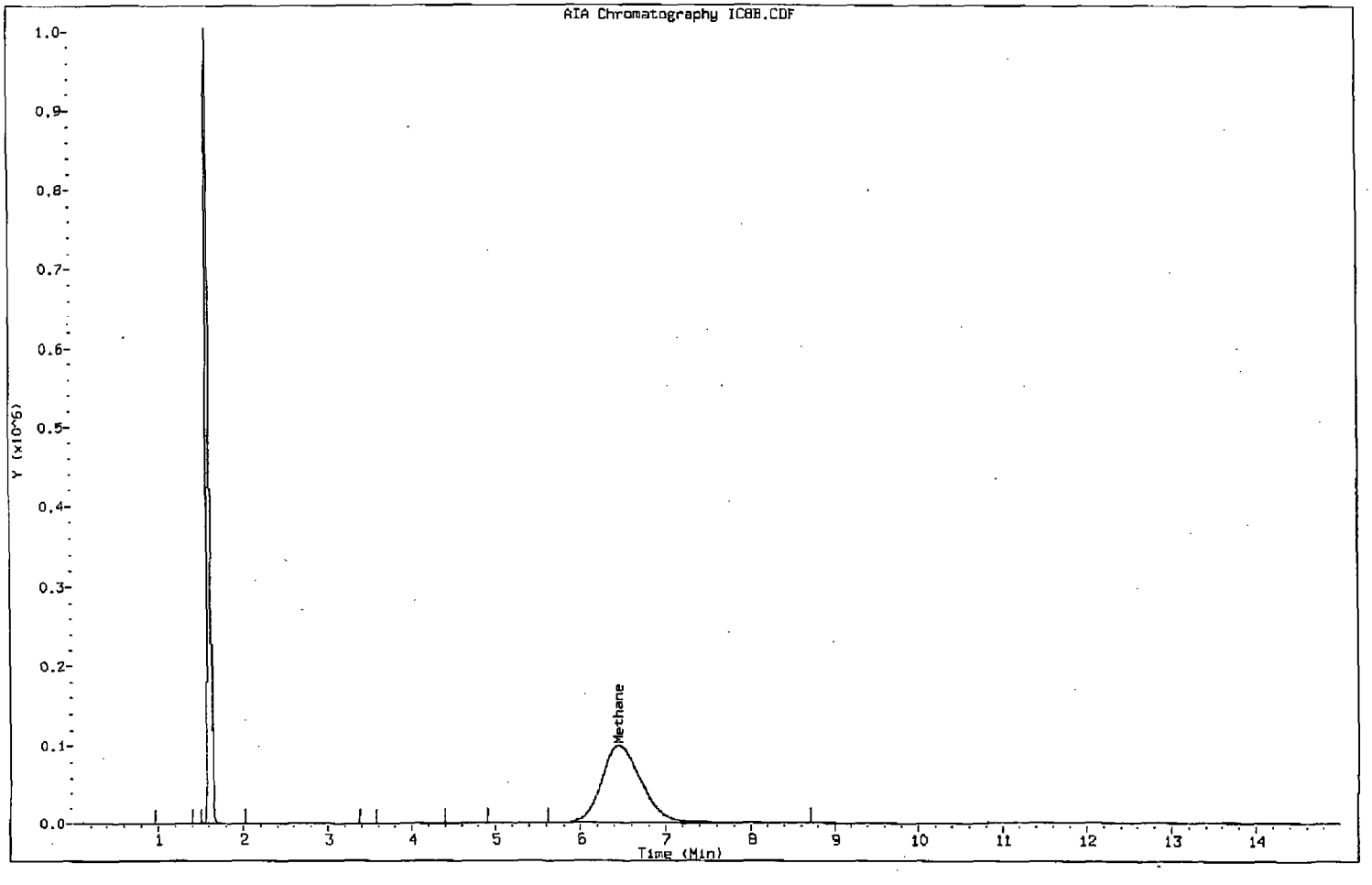
Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	30632022	31061761	30846891.5	1.39

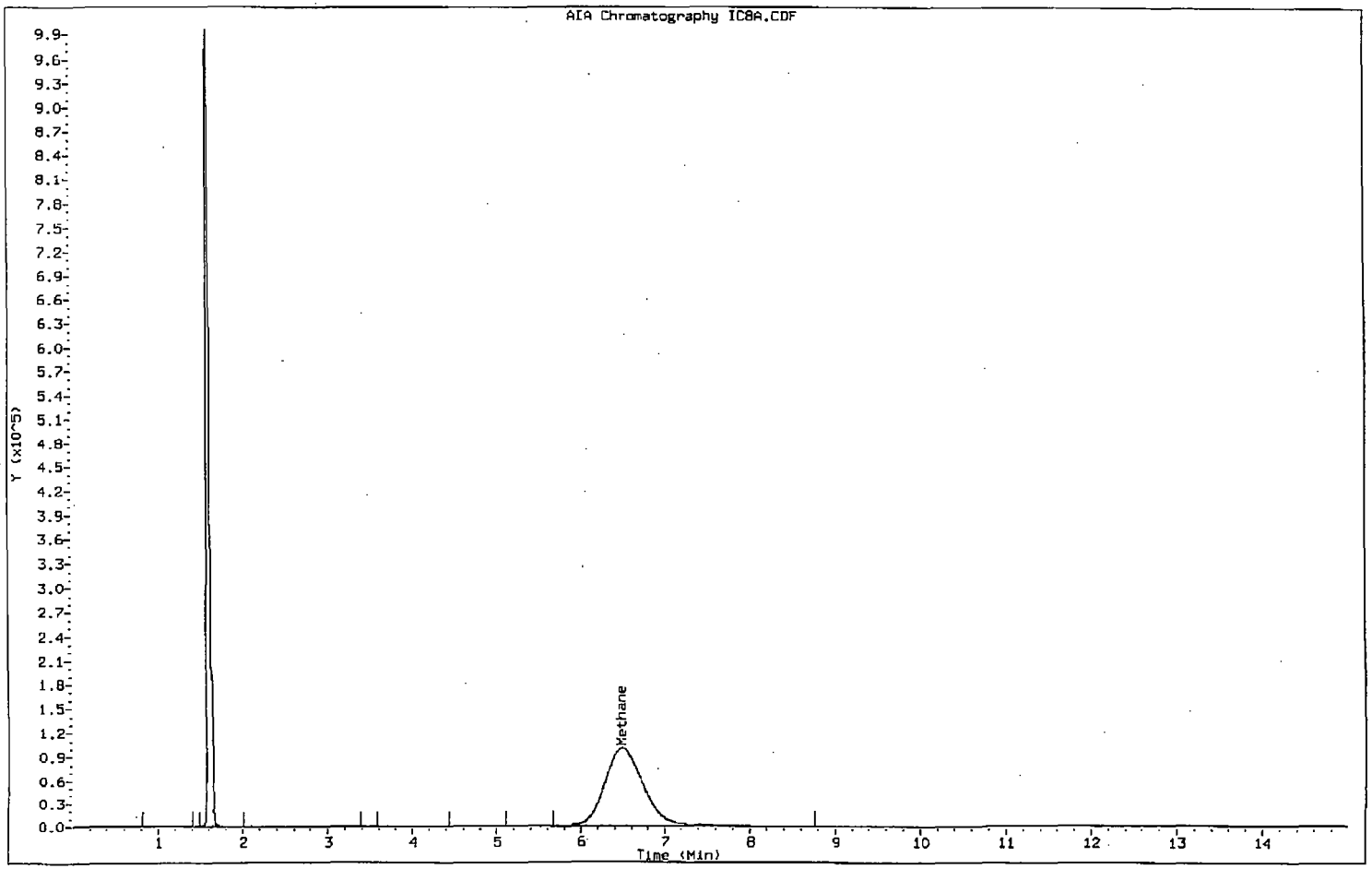
Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	100.24	101.65	100.95	1.39

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	IC8B.d	Date:	06-SEP-2011 16:07
Client ID:	IC8	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC8,1		
Lab Sample ID:	IC8		



Data File:	IC8A.d	Date:	06-SEP-2011 15:51
Client ID:	IC8	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	IC8,1		
Lab Sample ID:	IC8		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab Sample ID: ICV 200-24788/9 Calibration Date: 09/07/2011 08:42

Instrument ID: 0001.i Calib Start Date: 09/06/2011 09:30

GC Column: CTR-1 ID: 3.18(mm) Calib End Date: 09/06/2011 15:51

Lab File ID: ICVA.d-avg Conc. Units: % v/v Heated Purge: (Y/N) N

EPA Sample No.: ICV

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon dioxide	Ave	339812	340826		5.01	5.00	0.3	
Oxygen	Ave	374242	330385		3.53	4.00	-11.7	
Nitrogen	Ave	383420	361876		4.72	5.00	-5.6	
Methane	Ave	305581	287307		3.76	4.00	-6.0	

TestAmerica Burlington

Data file : /var/chem/0001_3.i/06SEP113C.b/ICVA.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 07-SEP-2011 08:42
Operator : PAD Inst ID: 0001_3.i
Smp Info : ICV,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	FINAL (% v/v)
1 Carbon Dioxide	1.722	1.719	0.003	1711304	5.03603	5.0
2 Oxygen	3.849	3.832	0.017	1317782	3.52120	3.5
3 Nitrogen	4.790	4.759	0.031	1807398	4.71398	4.7
4 Methane	6.611	6.568	0.043	1141947	3.73697	3.7

Processing 3C data for files:
v:\icva.txt
v:\icvb.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1711304	1696954	1704129	0.84
Oxygen	1317782	1325299	1321540.5	0.57
Nitrogen	1807398	1811359	1809378.5	0.22
Methane	1141947	1156512	1149229.5	1.27

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	5.04	4.99	5.01	0.84
Oxygen	3.52	3.54	3.53	0.57
Nitrogen	4.71	4.72	4.72	0.22
Methane	3.74	3.78	3.76	1.27

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

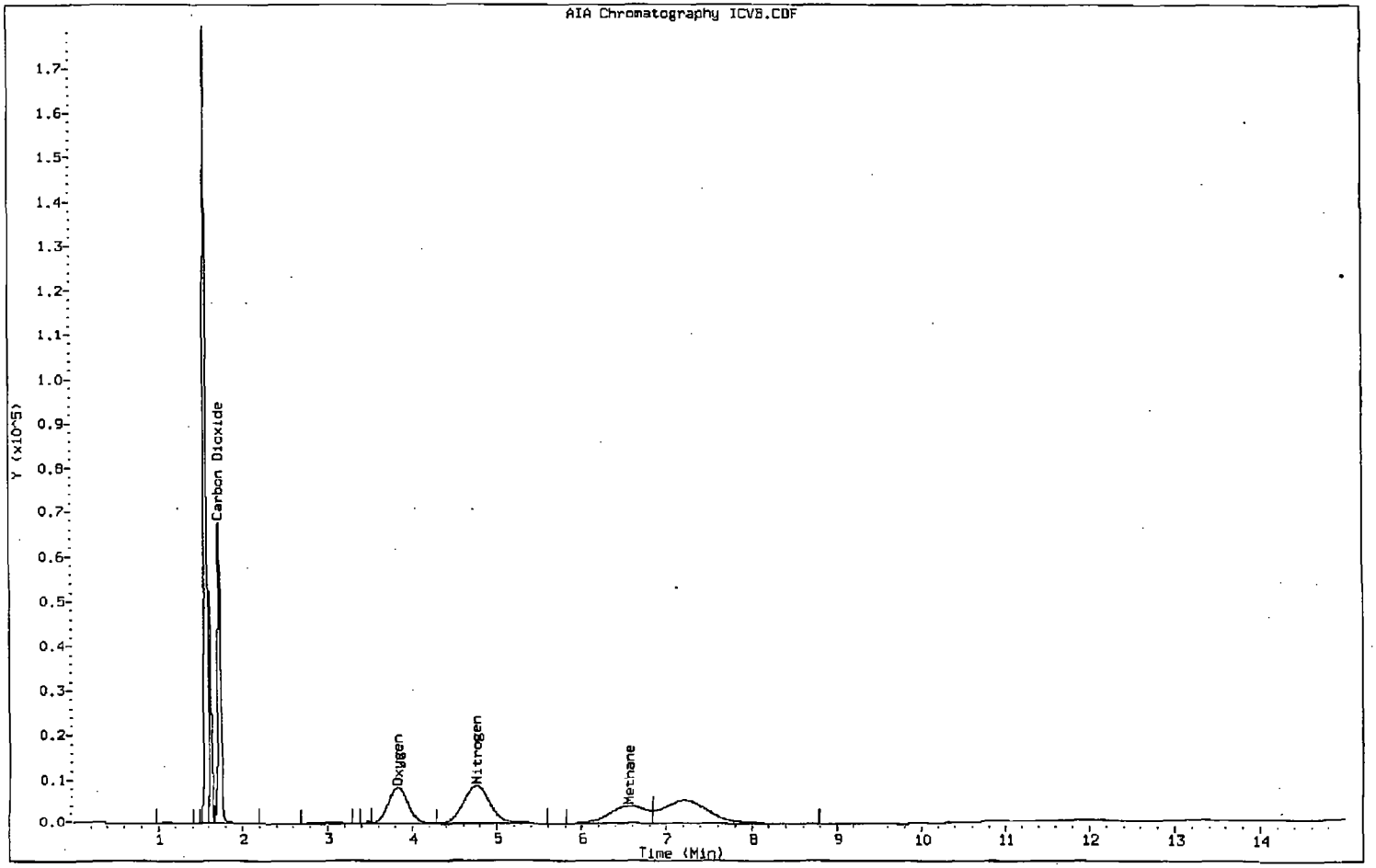
Data file : /var/chem/0001_3.i/06SEP113C.b/ICVB.d
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 07-SEP-2011 08:58
Operator : PAD Inst ID: 0001_3.i
Smp Info : ICV,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/06SEP113C.b/3C_ASTM2t.m
Meth Date : 07-Sep-2011 09:42 pd Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

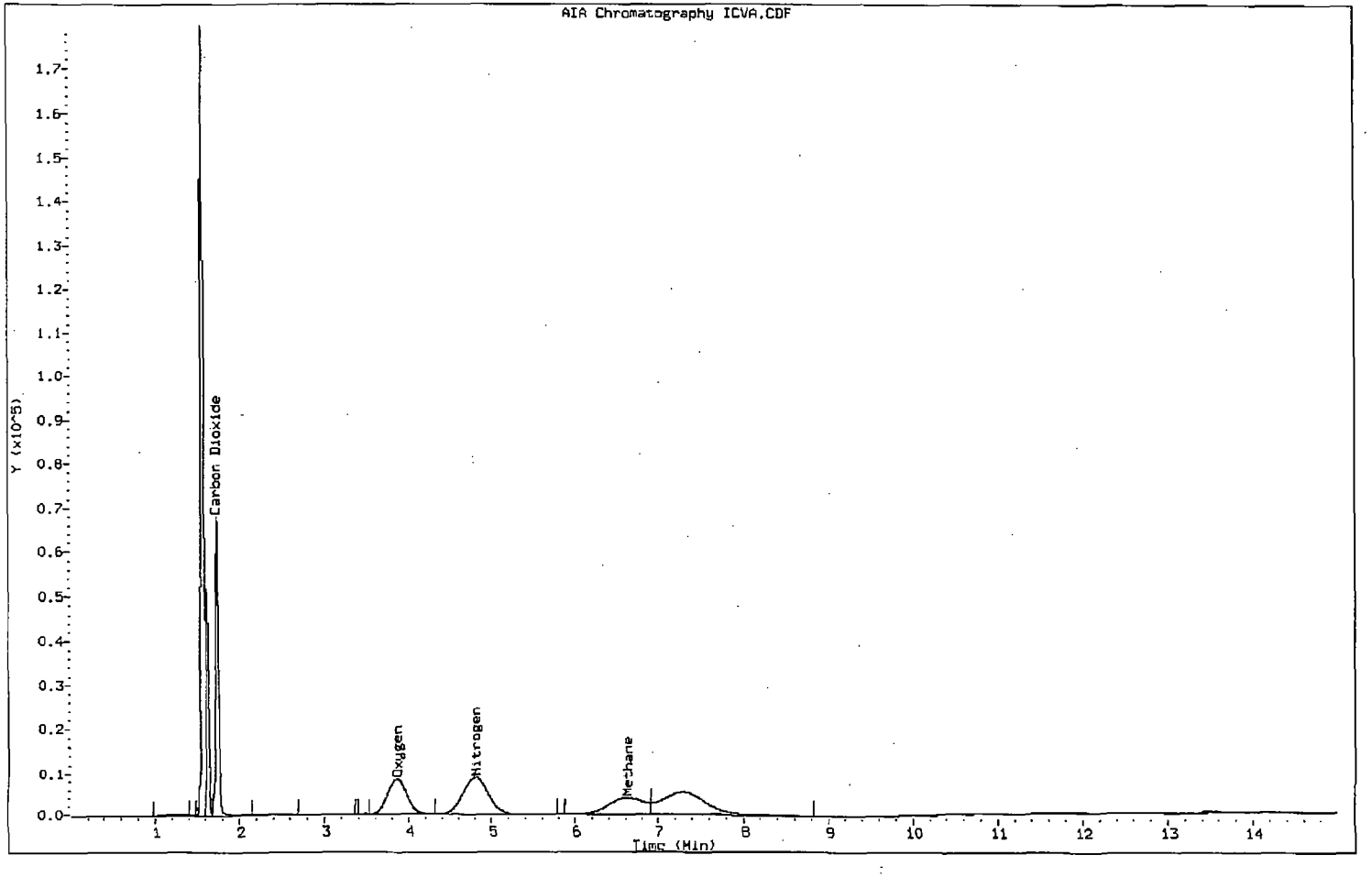
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	FINAL (% v/v)
1 Carbon Dioxide	1.716	1.719	-0.003	1696954	4.99380	5.0
2 Oxygen	3.822	3.832	-0.010	1325299	3.54129	3.5
3 Nitrogen	4.746	4.759	-0.013	1811359	4.72421	4.7
4 Methane	6.556	6.568	-0.012	1156512	3.78463	3.8

Data File:	ICVB.d	Date:	07-SEP-2011 08:58
Client ID:	ICV	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	ICV,1		
Lab Sample ID:	ICV		



Data File:	ICVA.d	Date:	07-SEP-2011 08:42
Client ID:	ICV	Instrument:	0001_3.i
Operator:	PAD	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	ICV,1		
Lab Sample ID:	ICV		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab Sample ID: CCV 200-39214/1 Calibration Date: 05/23/2012 08:18

Instrument ID: 0001.i Calib Start Date: 09/06/2011 09:30

GC Column: CTR-1 ID: 3.18(mm) Calib End Date: 09/06/2011 15:51

Lab File ID: 3CCCV052312A.d-avg Conc. Units: % v/v Heated Purge: (Y/N) N

EPA Sample No.: 3CCCV052312

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon dioxide	Ave	339812	335100		4.93	5.00	-1.4	20.0
Oxygen	Ave	374242	324833		3.47	4.00	-13.2	20.0
Nitrogen	Ave	383420	356172		4.64	5.00	-7.1	20.0
Methane	Ave	305581	281935		3.69	4.00	-7.7	20.0

TestAmerica Burlington

Data file : /var/chem/0001_3.i/23MAY123C.b/3CCCV052312A.d
Lab Smp Id: 3CCCV052312 Client Smp ID: 3CCCV052312
Inj Date : 23-MAY-2012 08:18
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCV052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (% v/v)	ON-COL (% v/v)
1 Carbon Dioxide	1.724	1.719	0.005	1687097	5.00000	5.0
2 Oxygen	3.836	3.832	0.004	1299311	4.00000	3.5
3 Nitrogen	4.758	4.759	-0.001	1781204	5.00000	4.6
4 Methane	6.573	6.568	0.005	1133020	4.00000	3.7

TestAmerica Burlington

Data file : /var/chem/0001_3.i/23MAY123C.b/3CCCV052312B.d
Lab Smp Id: 3CCCV052312 Client Smp ID: 3CCCV052312
Inj Date : 23-MAY-2012 08:34
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCV052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.715	1.719	-0.004	1663902	5.00000	4.9
2 Oxygen	3.809	3.832	-0.023	1299350	4.00000	3.5
3 Nitrogen	4.715	4.759	-0.044	1780514	5.00000	4.6
4 Methane	6.514	6.568	-0.054	1122463	4.00000	3.7

Processing 3C data for files:
v:\3cccv052312a.txt
v:\3cccv052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1687097	1663902	1675499.5	1.38
Oxygen	1299311	1299350	1299330.5	0
Nitrogen	1781204	1780514	1780859	0.04
Methane	1133020	1122463	1127741.5	0.94

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	4.96	4.9	4.93	1.38
Oxygen	3.47	3.47	3.47	0
Nitrogen	4.65	4.64	4.64	0.04
Methane	3.71	3.67	3.69	0.94

Processing 25C data for files:
w:\25cccv052312a.txt
w:\25cccv052312b.txt
w:\25cccv052312c.txt

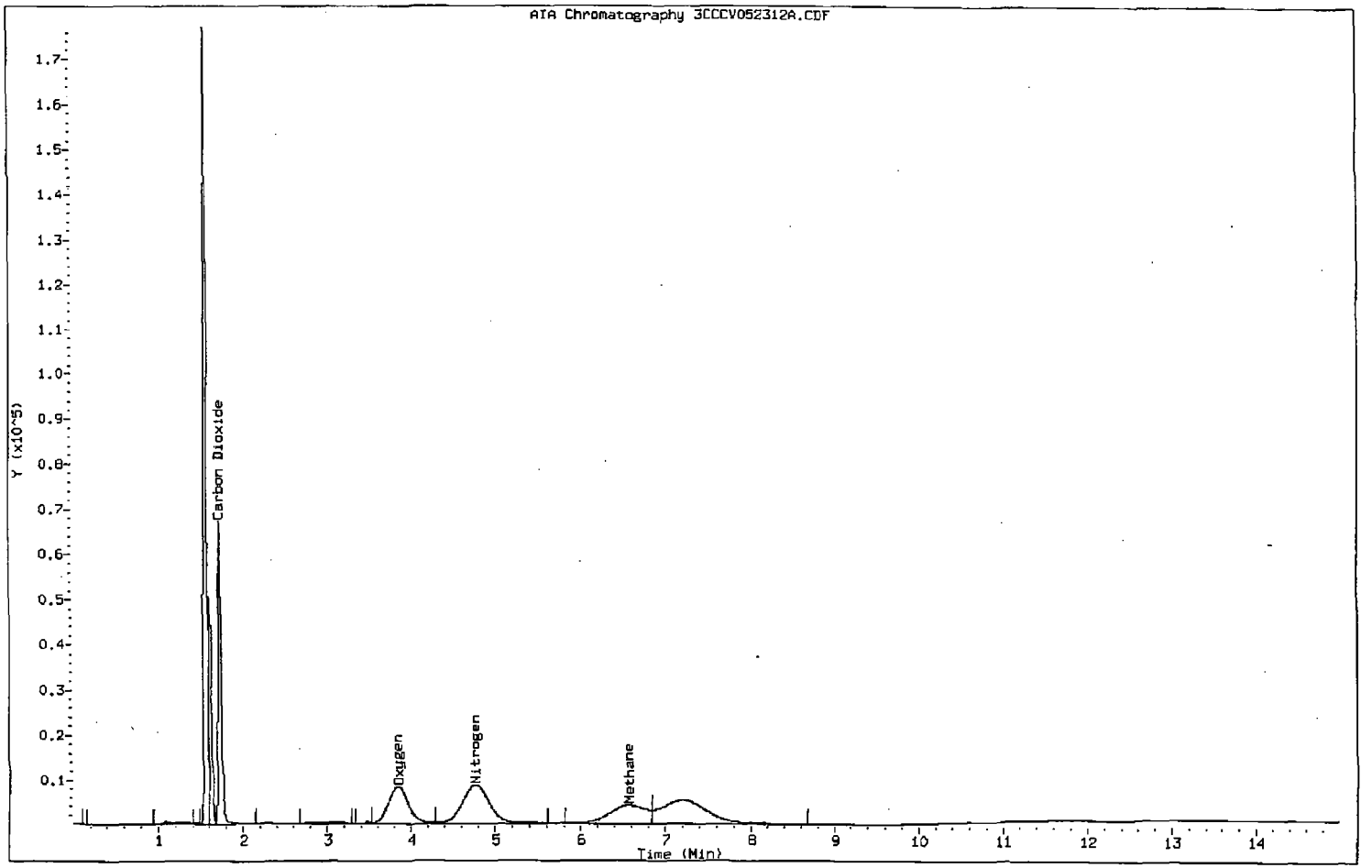
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	941710	966923	972531	960388	1.71

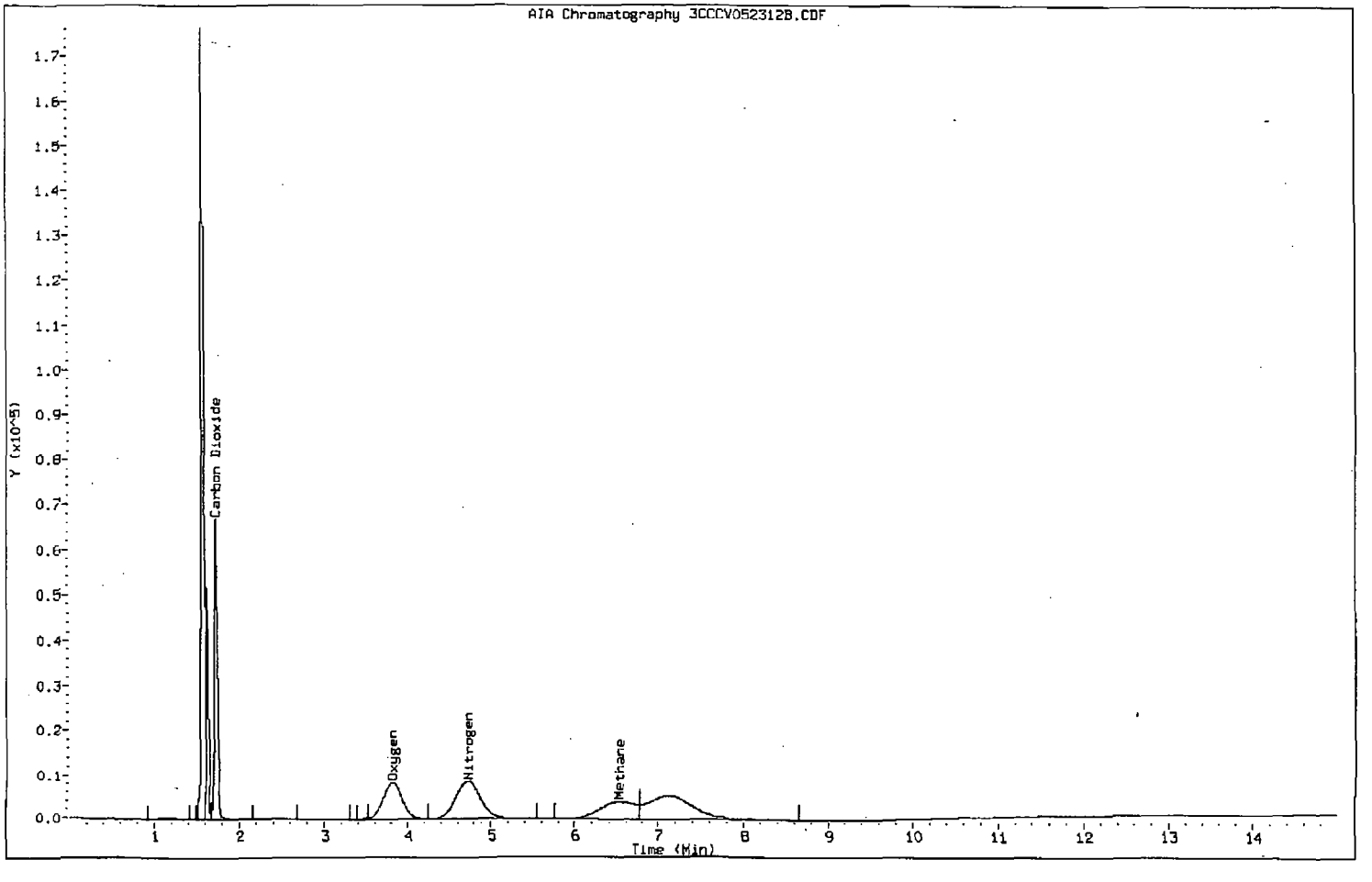
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	731.93	751.53	755.89	746.45	1.71

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	3CCCV052312A.d	Date:	23-MAY-2012 08:18
Client ID:	3CCCV052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCV052312,1		
Lab Sample ID:	3CCCV052312		



Data File:	3CCCV052312B.d	Date:	23-MAY-2012 08:34
Client ID:	3CCCV052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCV052312,1		
Lab Sample ID:	3CCCV052312		



FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab Sample ID: CCVC 200-39214/8 Calibration Date: 05/24/2012 06:48

Instrument ID: 0001.i Calib Start Date: 09/06/2011 09:30

GC Column: CTR-1 ID: 3.18(mm) Calib End Date: 09/06/2011 15:51

Lab File ID: 3CCCVC052312A.d-avg Conc. Units: % v/v Heated Purge: (Y/N) N

EPA Sample No.: 3CCCVC052312

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon dioxide	Ave	339812	337760		4.97	5.00	-0.6	20.0
Oxygen	Ave	374242	326832		3.49	4.00	-12.7	20.0
Nitrogen	Ave	383420	358668		4.68	5.00	-6.5	20.0
Methane	Ave	305581	284927		3.73	4.00	-6.8	20.0

Processing 3C data for files:
v:\3cccvc052312a.txt
v:\3cccvc052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1695737	1681862	1688799.5	0.82
Oxygen	1302562	1312091	1307326.5	0.73
Nitrogen	1784890	1801790	1793340	0.94
Methane	1136466	1142948	1139707	0.57

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	4.99	4.95	4.97	0.82
Oxygen	3.48	3.51	3.49	0.73
Nitrogen	4.66	4.7	4.68	0.94
Methane	3.72	3.74	3.73	0.57

Processing 25C data for files:
w:\25cccvc052312a.txt
w:\25cccvc052312b.txt
w:\25cccvc052312c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	921738	954426	964533	946899	2.36

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	716.41	741.82	749.67	735.97	2.36

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_3.i/23MAY123C.b/3CCCVC052312B.d
Lab Smp Id: 3CCCVC052312 Client Smp ID: 3CCCVC052312
Inj Date : 24-MAY-2012 07:04
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCVC052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (% v/v)	AMOUNTS ON-COL (% v/v)
1 Carbon Dioxide	1.717	1.719	-0.002	1681862	5.00000	4.9
2 Oxygen	3.817	3.832	-0.015	1312091	4.00000	3.5
3 Nitrogen	4.725	4.759	-0.034	1801790	5.00000	4.7
4 Methane	6.528	6.568	-0.040	1142948	4.00000	3.7

TestAmerica Burlington

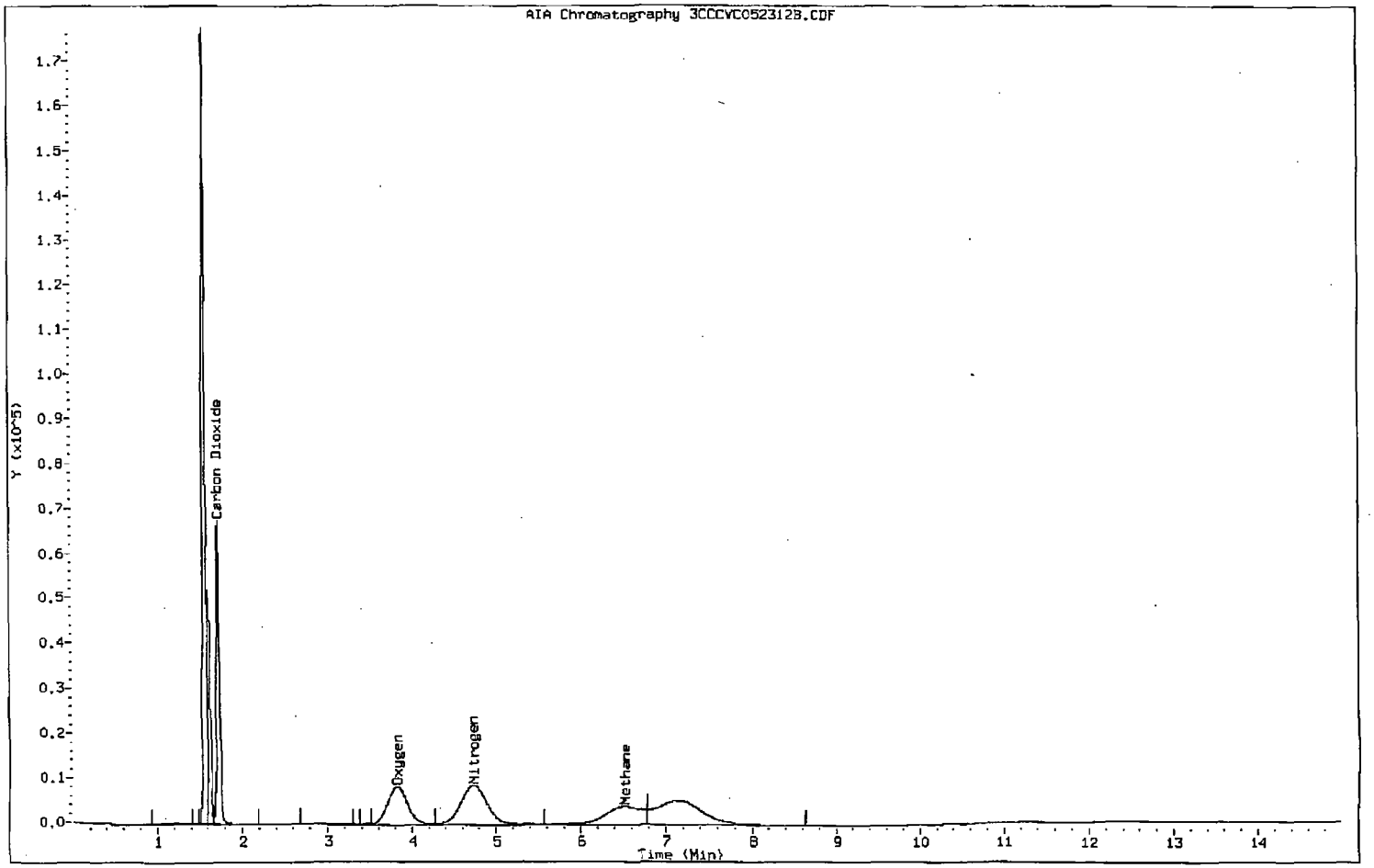
Data file : /var/chem/0001_3.i/23MAY123C.b/3CCCVC052312A.d
Lab Smp Id: 3CCCVC052312 Client Smp ID: 3CCCVC052312
Inj Date : 24-MAY-2012 06:48
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CCCVC052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

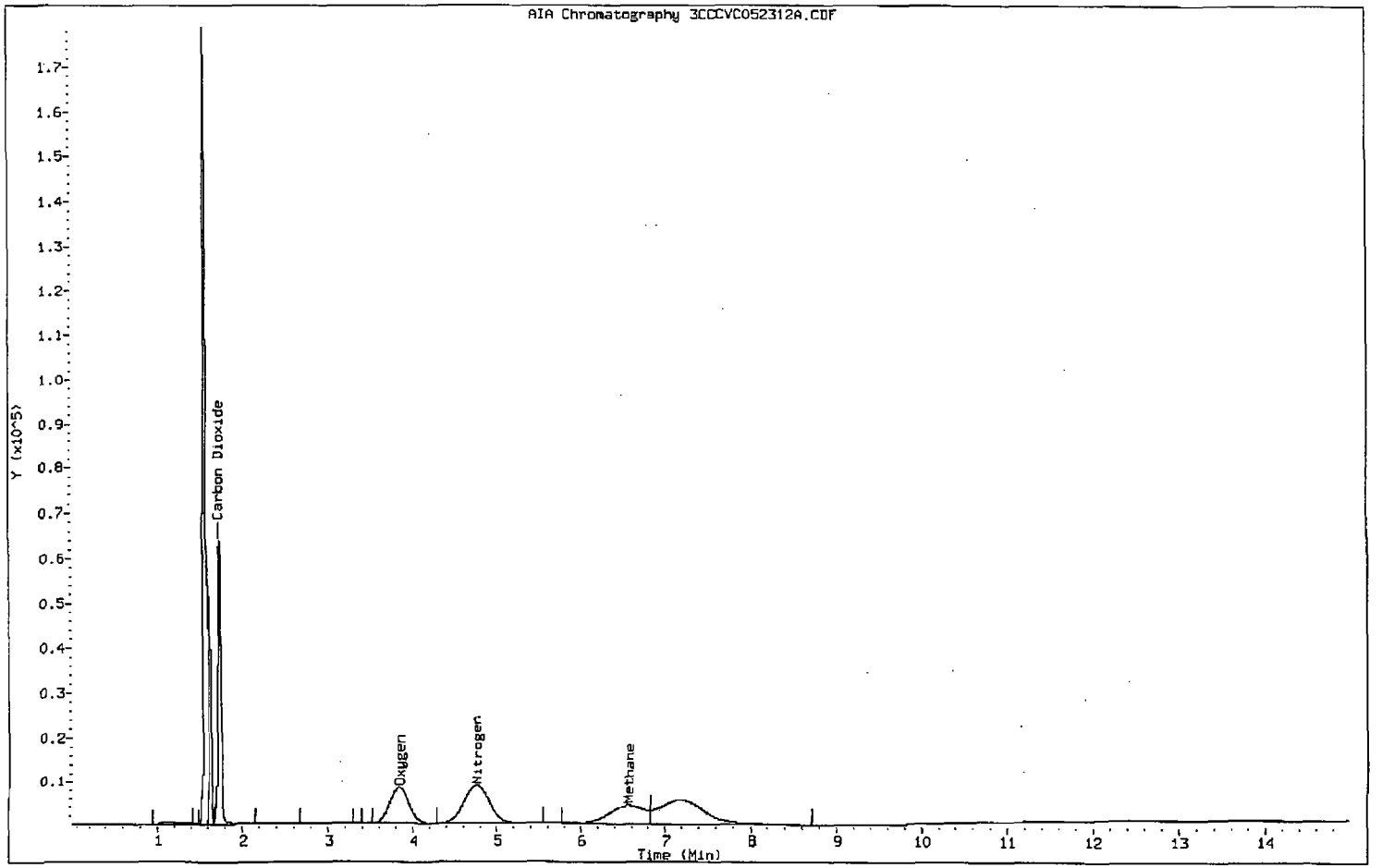
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(% v/v)	(% v/v)
1 Carbon Dioxide	1.719	1.719	0.000	1695737	5.00000	5.0
2 Oxygen	3.827	3.832	-0.005	1302562	4.00000	3.5
3 Nitrogen	4.747	4.759	-0.012	1784890	5.00000	4.7
4 Methane	6.554	6.568	-0.014	1136466	4.00000	3.7

Data File:	3CCCVC052312B.d	Date:	24-MAY-2012 07:04
Client ID:	3CCCVC052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCVC052312,1		
Lab Sample ID:	3CCCVC052312		



Data File:	3CCCVC052312A.d	Date:	24-MAY-2012 06:48
Client ID:	3CCCVC052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CCCVC052312,1		
Lab Sample ID:	3CCCVC052312		



FORM I

AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: Lab Sample ID: MB 200-39214/3

Matrix: Air Lab File ID: MB052312A.d-avg

Analysis Method: EPA 3C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 11:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ID:

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39214 Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	0.050	U	0.050	0.050
74-82-8	Methane	0.040	U	0.040	0.040
7727-37-9	Nitrogen	0.50	U	0.50	0.50
7782-44-7	Oxygen	0.040	U	0.040	0.040

TestAmerica Burlington

Data file : /var/chem/0001_3.i/23MAY123C.b/MB052312A.d
Lab Smp Id: MB052312 Client Smp ID: MB052312
Inj Date : 23-MAY-2012 11:25
Operator : MRV Inst ID: 0001_3.i
Smp Info : MB052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_3.i/23MAY123C.b/MB052312B.d
Lab Smp Id: MB052312 Client Smp ID: MB052312
Inj Date : 23-MAY-2012 11:41
Operator : MRV Inst ID: 0001_3.i
Smp Info : MB052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	Compound Not Detected.					
2 Oxygen	Compound Not Detected.					
3 Nitrogen	Compound Not Detected.					
4 Methane	Compound Not Detected.					

Processing 3C data for files:
v:\mb052312a.txt
v:\mb052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Processing 25C data for files:
w:\mb052312a.txt
w:\mb052312b.txt
w:\mb052312c.txt

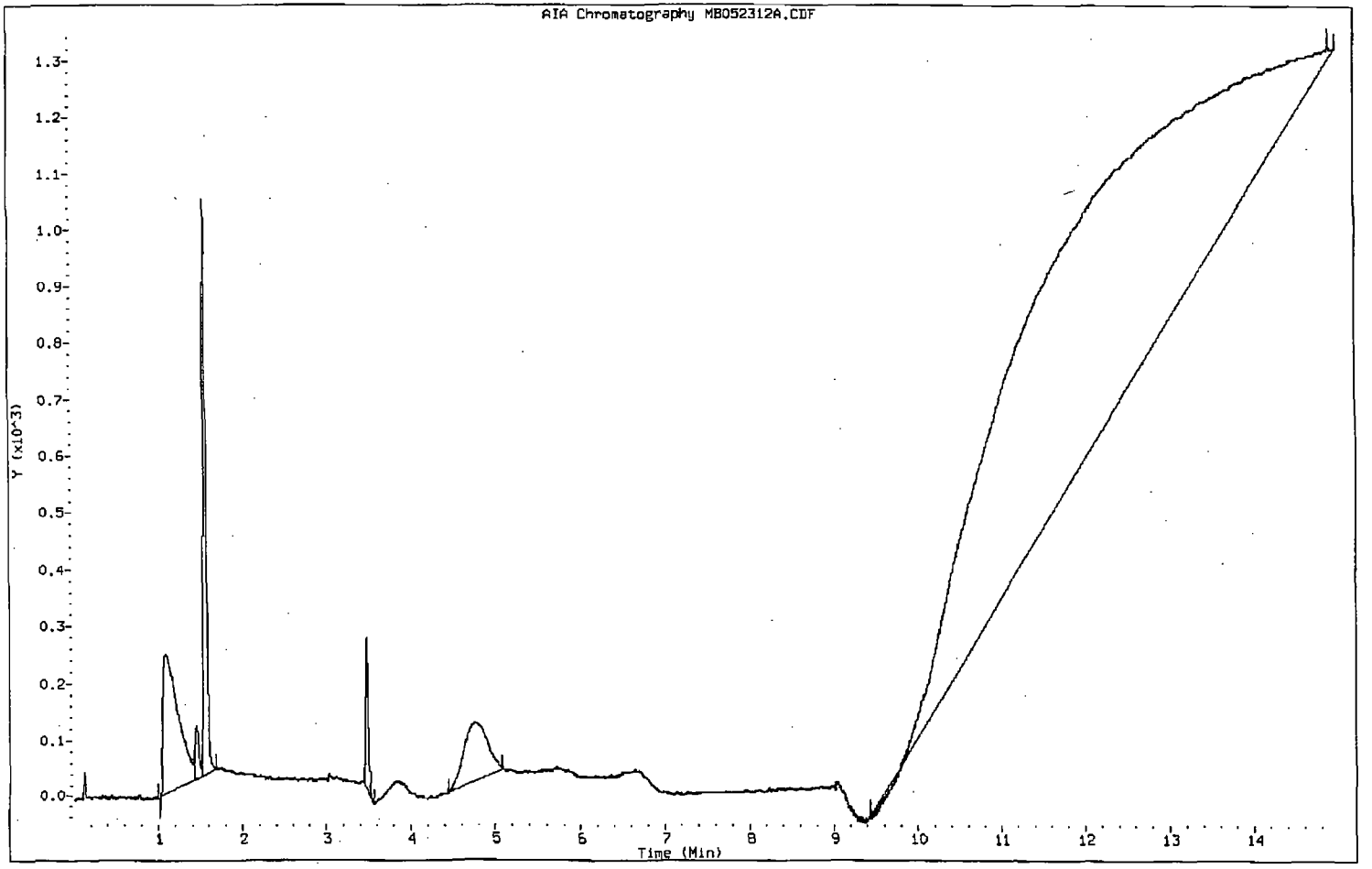
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	0	0	0	0	0

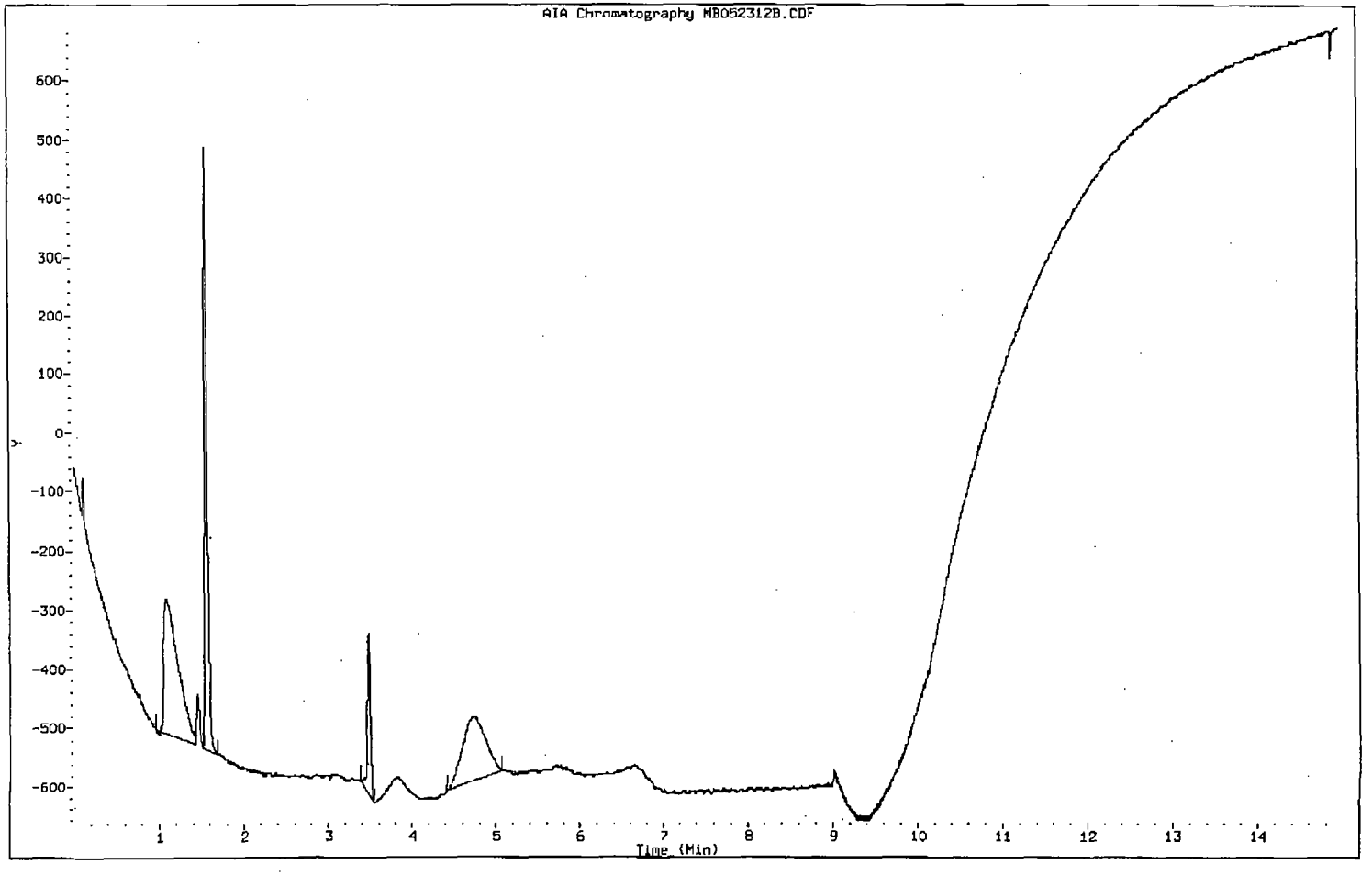
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	0	0	0	0	0

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	MB052312A.d	Date:	23-MAY-2012 11:25
Client ID:	MB052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	MB052312,1		
Lab Sample ID:	MB052312		



Data File:	MB052312B.d	Date:	23-MAY-2012 11:41
Client ID:	MB052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	MB052312,1		
Lab Sample ID:	MB052312		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: Lab Sample ID: LCS 200-39214/2

Matrix: Air Lab File ID: 3CLCS052312A.d-avg

Analysis Method: EPA 3C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 08:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ID:

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39214 Units: % v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
124-38-9	Carbon dioxide	4.95		0.050	0.050
74-82-8	Methane	3.72		0.040	0.040
7727-37-9	Nitrogen	4.66		0.50	0.50
7782-44-7	Oxygen	3.49		0.040	0.040

TestAmerica Burlington

Data file : /var/chem/0001_3.i/23MAY123C.b/3CLCS052312A.d
Lab Smp Id: 3CLCS052312 Client Smp ID: 3CLCS052312
Inj Date : 23-MAY-2012 08:57
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CLCS052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.725	1.719	0.006	1686710	4.96365	5.0
2 Oxygen	3.838	3.832	0.006	1300839	3.47593	3.5
3 Nitrogen	4.761	4.759	0.002	1783740	4.65218	4.7
4 Methane	6.575	6.568	0.007	1134301	3.71195	3.7

TestAmerica Burlington

Data file : /var/chem/0001_3.i/23MAY123C.b/3CLCS052312B.d
Lab Smp Id: 3CLCS052312 Client Smp ID: 3CLCS052312
Inj Date : 23-MAY-2012 09:13
Operator : MRV Inst ID: 0001_3.i
Smp Info : 3CLCS052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_3.i/23MAY123C.b/3C_ASTM2t.m
Meth Date : 24-May-2012 10:06 mrv Quant Type: ESTD
Cal Date : 06-SEP-2011 16:07 Cal File: IC8B.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: CDONM.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (% v/v)	CONCENTRATIONS FINAL (% v/v)
1 Carbon Dioxide	1.715	1.719	-0.004	1678624	4.93986	4.9
2 Oxygen	3.810	3.832	-0.022	1308869	3.49739	3.5
3 Nitrogen	4.715	4.759	-0.044	1792276	4.67444	4.7
4 Methane	6.515	6.568	-0.053	1136985	3.72073	3.7

Processing 3C data for files:
v:\3clcs052312a.txt
v:\3clcs052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1686710	1678624	1682667	0.48
Oxygen	1300839	1308869	1304854	0.62
Nitrogen	1783740	1792276	1788008	0.48
Methane	1134301	1136985	1135643	0.24

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	4.96	4.94	4.95	0.48
Oxygen	3.48	3.5	3.49	0.62
Nitrogen	4.65	4.67	4.66	0.48
Methane	3.71	3.72	3.72	0.24

Processing 25C data for files:
w:\25clcs052312a.txt
w:\25clcs052312b.txt
w:\25clcs052312c.txt

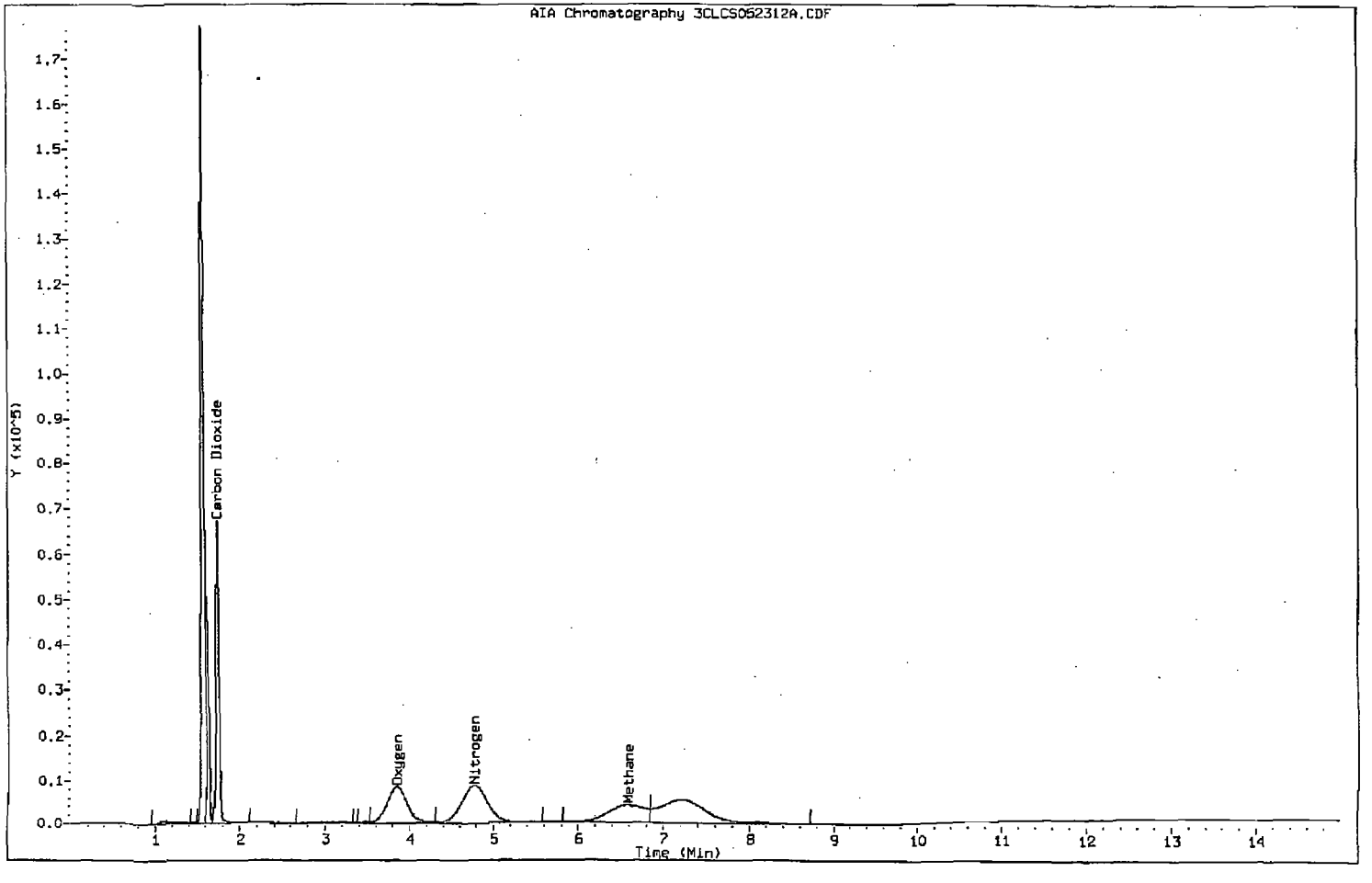
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	866237	891632	898261	885376.67	1.91

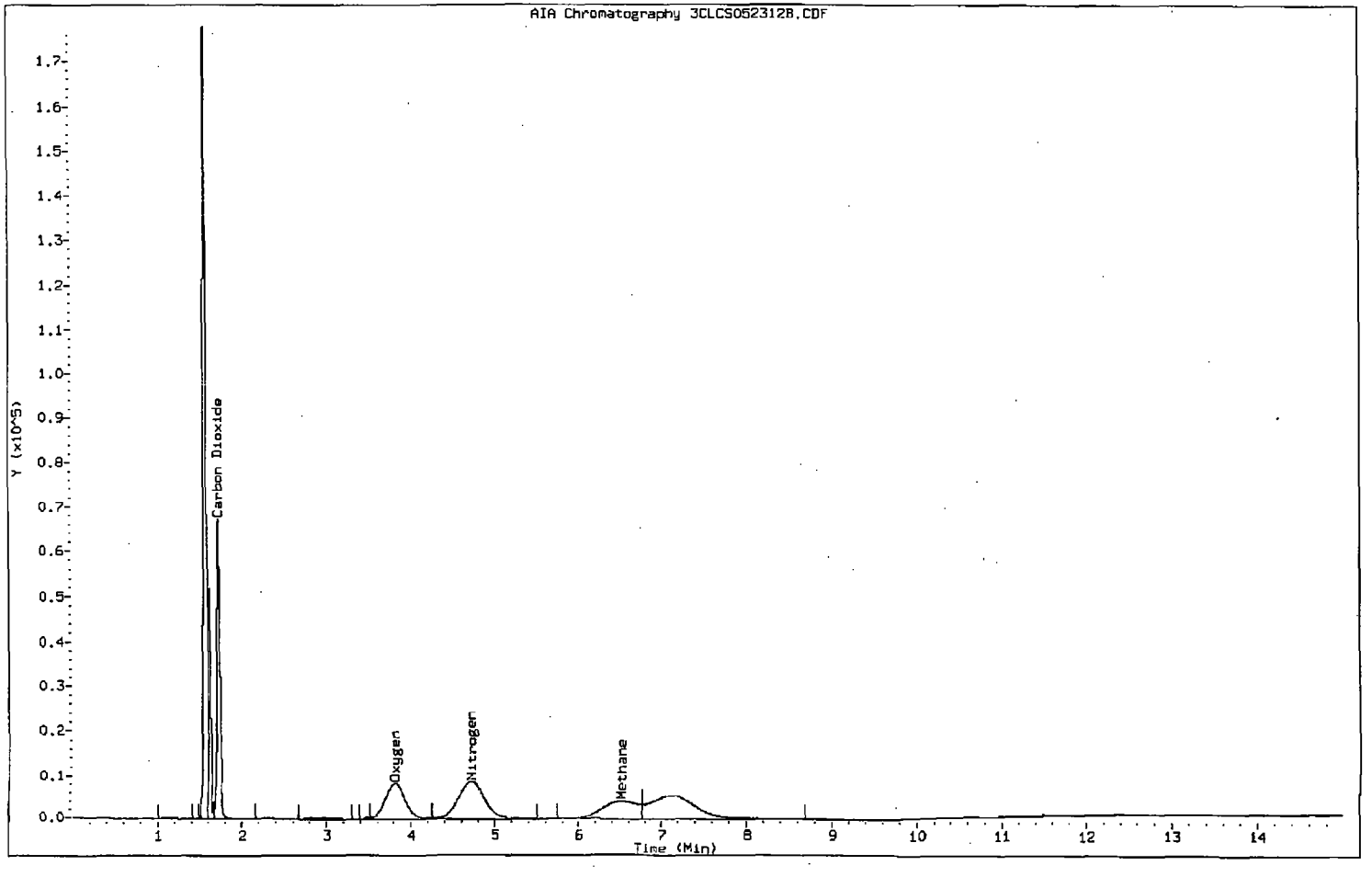
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	673.27	693.01	698.16	688.15	1.91

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

Data File:	3CLCS052312A.d	Date:	23-MAY-2012 08:57
Client ID:	3CLCS052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CLCS052312,1		
Lab Sample ID:	3CLCS052312		



Data File:	3CLCS052312B.d	Date:	23-MAY-2012 09:13
Client ID:	3CLCS052312	Instrument:	0001_3.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	CTR-1	Diameter:	3.18
Stationary Phase:	CTR-1		
Sample Info:	3CLCS052312,1		
Lab Sample ID:	3CLCS052312		



AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	26JAN12NMOC	26JAN12NMOC	01/26/12	1110	01/27/12	1110	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	~~06SEP12 3C~~ MA	1/26/12					CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
1022	1BL4 [illegible] A				4	NA		✓		MPU	
1038	| B				|	|		✓		|	
1054	| C				|	|		✓		|	
1110	IC1 A				5	|		✓		|	283008
1125	| B				|	|		✓		|	|
1141	| C				|	|		✓		|	|
1157	ICRT A				6	|		✓		|	282991
1213	| B				|	|		✓		|	|
1229	| C				|	|		✓		|	|
1295	IC3 A				7	|		✓		|	282970
1301	| B				|	|		✓		|	|
1316	| C				|	|		✓		|	|
1353	ICV A				8	|		✓		|	283009
1408	| B				|	|		✓		|	|
1424	| C				|	|		✓		|	|

MW
1/26/12

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	15MAY12NMOC	23MAY12NMOC	05/23/12	0936	05/24/12	0936	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	06SEP11 3C	23MAY12 3C	05/23/12	0818	05/24/12	0818	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0818	3CCCV052312A				2	NA			✓	MRW	220428
0834	⊥ B				⊥	⊥			✓	⊥	⊥
0857	3CLCS052312A				2	⊥			✓	⊥	220426
0913	⊥ B				⊥	⊥			✓	⊥	⊥
0936	25CCCV052312A				9	⊥		✓		⊥	~~335806~~ 335805
0951	⊥ B				⊥	⊥		✓		⊥	MRW 5/25/12
1007	⊥ C				⊥	⊥		✓		⊥	⊥
1038	25CLCS052312A				10	⊥		✓		⊥	335809
1047	⊥ B				⊥	⊥		✓		⊥	⊥
1103	⊥ C				⊥	⊥		✓		⊥	⊥
1128	MB052312 A				16	⊥		✓	✓	⊥	
1141	⊥ B				⊥	⊥		✓	✓	⊥	
1156	⊥ C				⊥	⊥		✓	—	⊥	
1223	200-10846-A1	D OHSL-TIER11-C2012		5043	5	1.68		✓	✓	⊥	use D,E for 3C
1239	⊥	E ⊥		⊥	⊥	⊥		✓	✓	⊥	⊥
1255	⊥	F ⊥		⊥	⊥	⊥		✓	—	⊥	⊥
1310	200-10847-A1	D VLF#1 05/5/12		5087	6	1.70		✓	✓	⊥	Use D,E for 3C
1326	⊥	E ⊥		⊥	⊥	⊥		✓	✓	⊥	⊥
1342	⊥	F ⊥		⊥	⊥	⊥		✓	—	⊥	⊥
1358	⊥ A2	D VLF#2 5/5/12		3411	7	1.73		✓	✓	⊥	Use D,E for 3C
1414	⊥	E ⊥		⊥	⊥	⊥		✓	✓	⊥	⊥
1430	⊥	F ⊥		⊥	⊥	⊥		✓	—	⊥	⊥
1446	⊥ A-3	D VLF#3 05/5/12		4307	8	1.73		✓	✓	⊥	Use D,E for 3C
1501	⊥	E ⊥		⊥	⊥	⊥		✓	✓	⊥	⊥
1517	⊥	F ⊥		⊥	⊥	⊥		✓	—	⊥	⊥
0648	3CCCVC052312 A				2	NA			✓	⊥	220428
0704	⊥ B				⊥	⊥			✓	⊥	⊥
0726	25CCCVC052312A				9	⊥		✓		⊥	335806

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	15MAY12NMOC	23MAY12NMOC	05/23/12	0936	05/24/12	0936	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	08SEP11 3C	23MAY12 3C	05/23/12	0814	05/24/12	0818	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability
0742	25CCUC052312-B				9			✓		MW	335805
0758	1 C				1			✓		1	1

MW 5/24/12

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Start Date: 09/06/2011 09:30

Analysis Batch Number: 24788 End Date: 09/07/2011 08:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 200-24788/1		09/06/2011 09:30	1	IC1B.d-avg	CTR-1 3.175(mm)
IC 200-24788/2		09/06/2011 10:35	1	IC2C.d-avg	CTR-1 3.175(mm)
IC 200-24788/3		09/06/2011 11:31	1	IC3A.d-avg	CTR-1 3.175(mm)
ICRT 200-24788/4		09/06/2011 12:28	1	IC4A.d-avg	CTR-1 3.175(mm)
IC 200-24788/5		09/06/2011 13:19	1	IC5A.d-avg	CTR-1 3.175(mm)
IC 200-24788/6		09/06/2011 14:24	1	IC6A.d-avg	CTR-1 3.175(mm)
IC 200-24788/7		09/06/2011 15:03	1	IC7A.d-avg	CTR-1 3.175(mm)
IC 200-24788/8		09/06/2011 15:51	1	IC8A.d-avg	CTR-1 3.175(mm)
ICV 200-24788/9		09/07/2011 08:42	1	ICVA.d-avg	CTR-1 3.175(mm)

AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Start Date: 05/23/2012 08:18

Analysis Batch Number: 39214 End Date: 05/24/2012 06:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 200-39214/1		05/23/2012 08:18	1	3CCCV052312A.d-avg	CTR-1 3.175(mm)
LCS 200-39214/2		05/23/2012 08:57	1	3CLCS052312A.d-avg	CTR-1 3.175(mm)
MB 200-39214/3		05/23/2012 11:25	1	MB052312A.d-avg	CTR-1 3.175(mm)
ZZZZZ		05/23/2012 12:23	1.68		CTR-1 3.175(mm)
200-10847-1	VLF #1 051512	05/23/2012 13:10	1.7	200-10847-A-1D.d-avg	CTR-1 3.175(mm)
200-10847-2	VLF #2 051512	05/23/2012 13:58	1.73	200-10847-A-2D.d-avg	CTR-1 3.175(mm)
200-10847-3	VLF #3 051512	05/23/2012 14:46	1.73	200-10847-A-3D.d-avg	CTR-1 3.175(mm)
CCVC 200-39214/8		05/24/2012 06:48	1	3CCCVC052312A.d-avg	CTR-1 3.175(mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
SCSENV	10847	5/18/12	0840	29.6	22	G1	SL

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	N	A	Grabs
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID		Comments
1	5087	-5.9	N	N/A	N/A	3399	CKTD	Grabs
2	3411	-6.4	↓	↓	↓	4235	↓	↓
3	4307	-6.2	↓	↓	↓	3399	↓	↓

SL 5/18/12

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # N/A

Summa Canister Dilution Worksheet

Client: SCS Engineers

TestAmerica Job ID: 200-10847-1
Client: 200-10847

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-10847-1	6	-5.8	0.81	4.84	5.5	1.37	8.24	1.70	1.70	05/22/12 11:29	Veilleux, Michael R
200-10847-2	6	-6.2	0.79	4.76	5.5	1.37	8.24	1.73	1.73	05/22/12 11:29	Veilleux, Michael R
200-10847-3	6	-6.1	0.80	4.78	5.5	1.37	8.24	1.73	1.73	05/22/12 11:30	Veilleux, Michael R

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Method EPA 25C

Nonmethane Organic Compounds (NMOC) by Method EPA_25C

FORM III
AIR - GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Matrix: Air Level: Low Lab File ID: 25CLCS052312A.d-avg

Lab ID: LCS 200-39213/2 Client ID:

COMPOUND	SPIKE ADDED (ppm-C)	LCS CONCENTRATION (ppm-C)	LCS % REC	QC LIMITS REC	#
NMOC as Carbon	750	688	92	70-130	

Column to be used to flag recovery and RPD values

FORM III EPA 25C

FORM IV
AIR - GC VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab File ID: MB052312A.d-avg Lab Sample ID: MB 200-39213/3

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: 0001.i Date Analyzed: 05/23/2012 11:25

GC Column: Carbo/Unibeads ID: 2 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-39213/2	25CLCS052312A.d-avg	05/23/2012 10:31
VLF #1 051512	200-10847-1	200-10847-A-1D.d-avg	05/23/2012 13:10
VLF #2 051512	200-10847-2	200-10847-A-2D.d-avg	05/23/2012 13:58
VLF #3 051512	200-10847-3	200-10847-A-3D.d-avg	05/23/2012 14:46

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: VLF #1 051512 Lab Sample ID: 200-10847-1

Matrix: Air Lab File ID: 200-10847-A-1D.d-avg

Analysis Method: EPA 25C Date Collected: 05/15/2012 13:17

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 13:10

Soil Aliquot Vol: Dilution Factor: 1.7

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39213 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	720		10	10

TestAmerica Burlington

Lab Sample Id: 200-10847-1
Client Smp ID: VLF #1 051512
Inj Date : 23-MAY-2012 13:10
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-1,1.70
Misc Info : 200-10847-A-1
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.70000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.965	9.877	0.088	98035	76.1967	130(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-10847-1
Client Smp ID: VLF #1 051512
Inj Date : 23-MAY-2012 13:26
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-1,1.70
Misc Info : 200-10847-A-1
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.70000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.970	9.877	0.093	96756	75.2026	130(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-10847-1
Client Smp ID: VLF #1 051512
Inj Date : 23-MAY-2012 13:42
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-1,1.70
Misc Info : 200-10847-A-1
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.70000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.970	9.877	0.093	95441	74.1805	130(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\200-10847-a-1d.txt
v:\200-10847-a-1e.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	2357145	2356937	2357041	0.01
Oxygen	2192921	2200320	2196620.5	0.34
Nitrogen	13917946	14029221	13973583.5	0.8
Methane	1946691	1967769	1957230	1.08

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	6.94	6.94	6.94	0.01
Oxygen	5.86	5.88	5.87	0.34
Nitrogen	36.3	36.59	36.44	0.8
Methane	6.37	6.44	6.4	1.08

Processing 25C data for files:
w:\200-10847-a-1d.txt
w:\200-10847-a-1e.txt
w:\200-10847-a-1f.txt

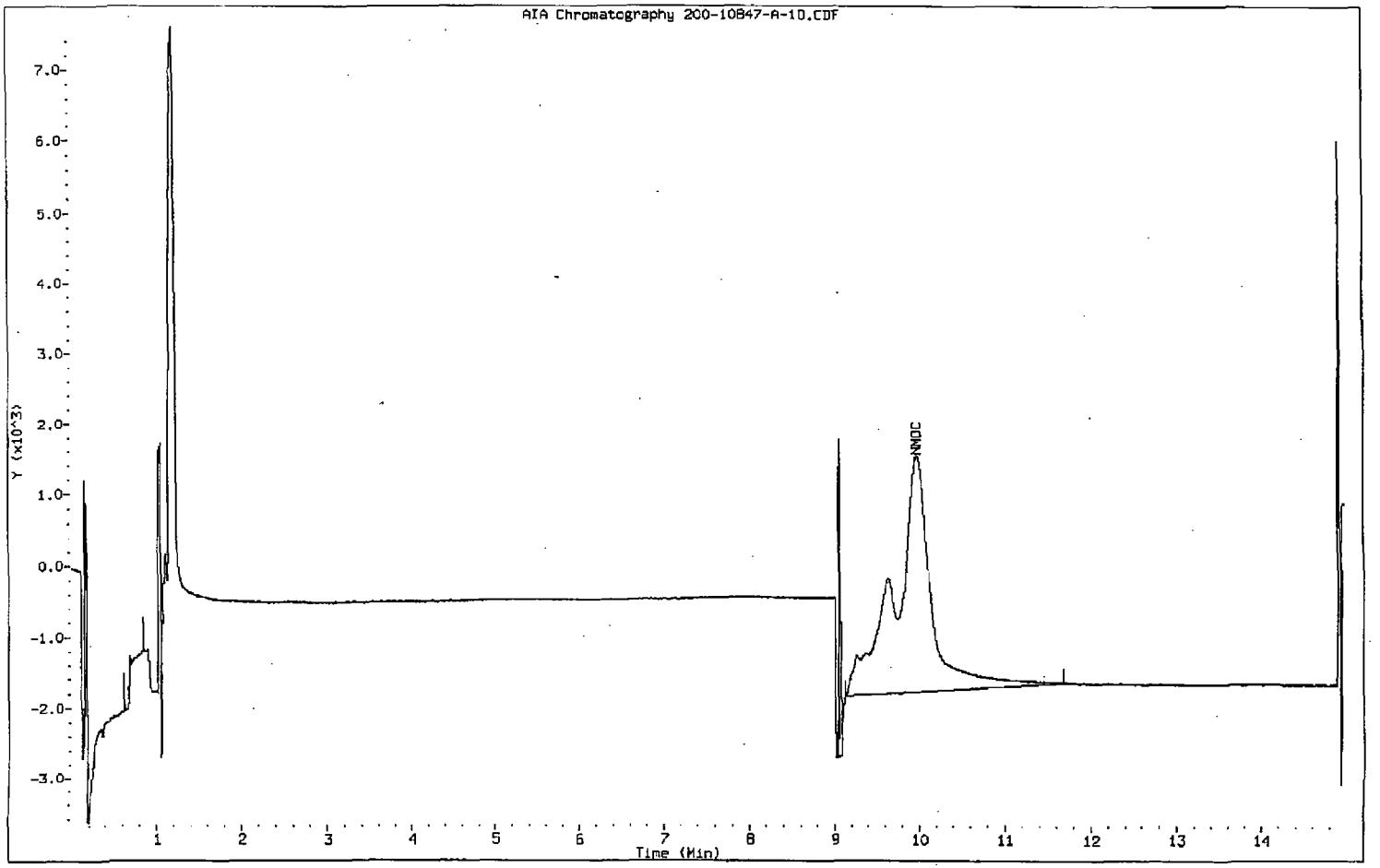
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	98035	96756	95441	96744	1.34

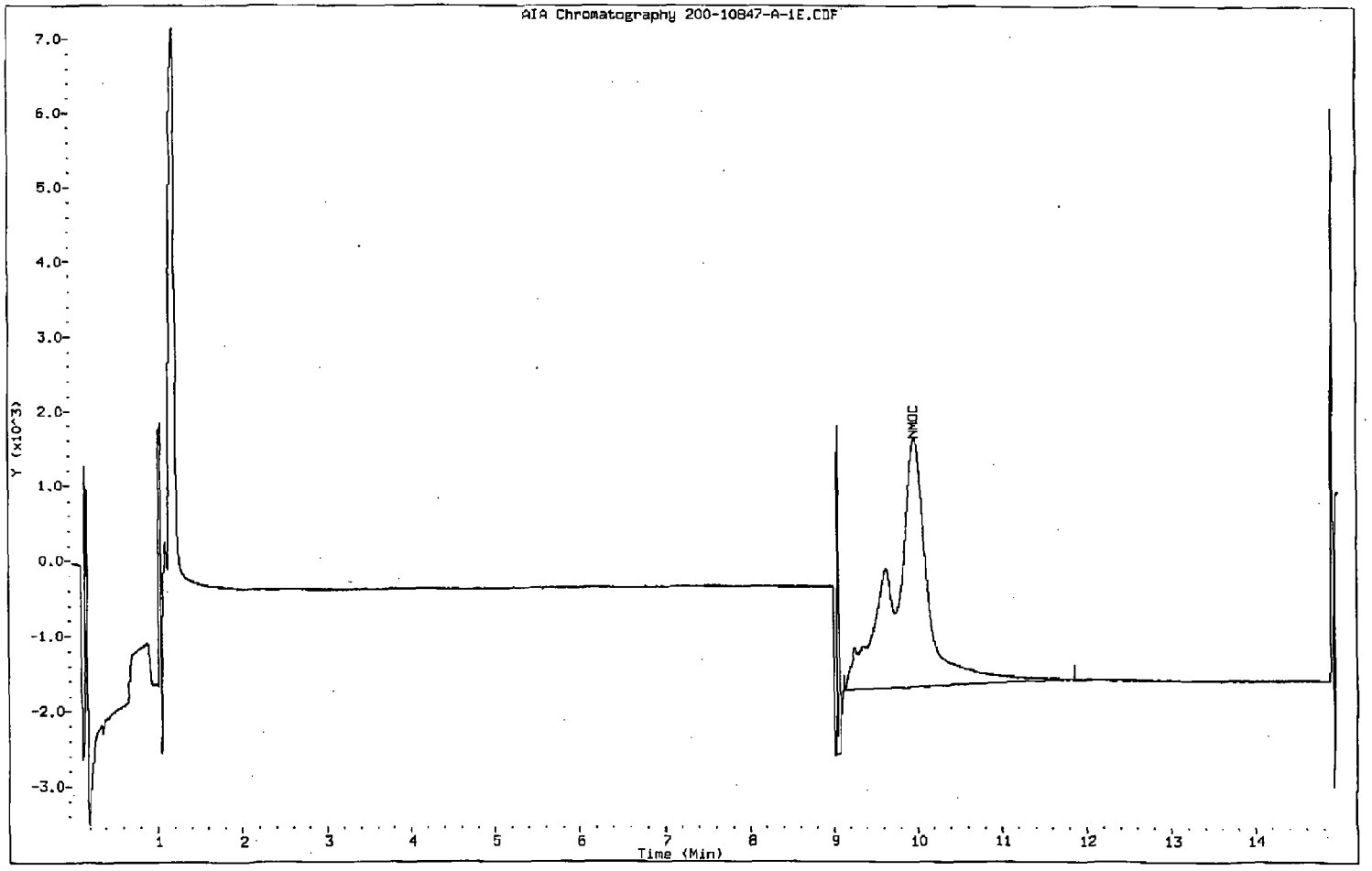
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	76.2	75.2	74.18	75.19	1.34

---------- NMOC Correction----------
Found Raw N2 Result = 36.44 % and NMOC = 75.19 ppm-C
N2 dilution factor = 1.7
N2 Result = Raw N2 * Dil. Fac.61.948 %
Found Raw NMOC Result = 75.19 ppm-C
NMOC dilution factor = 1.7
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 425.07 ppm-C
Corrected NMOC result * Dil. Fac.= 722.619 ppm-C

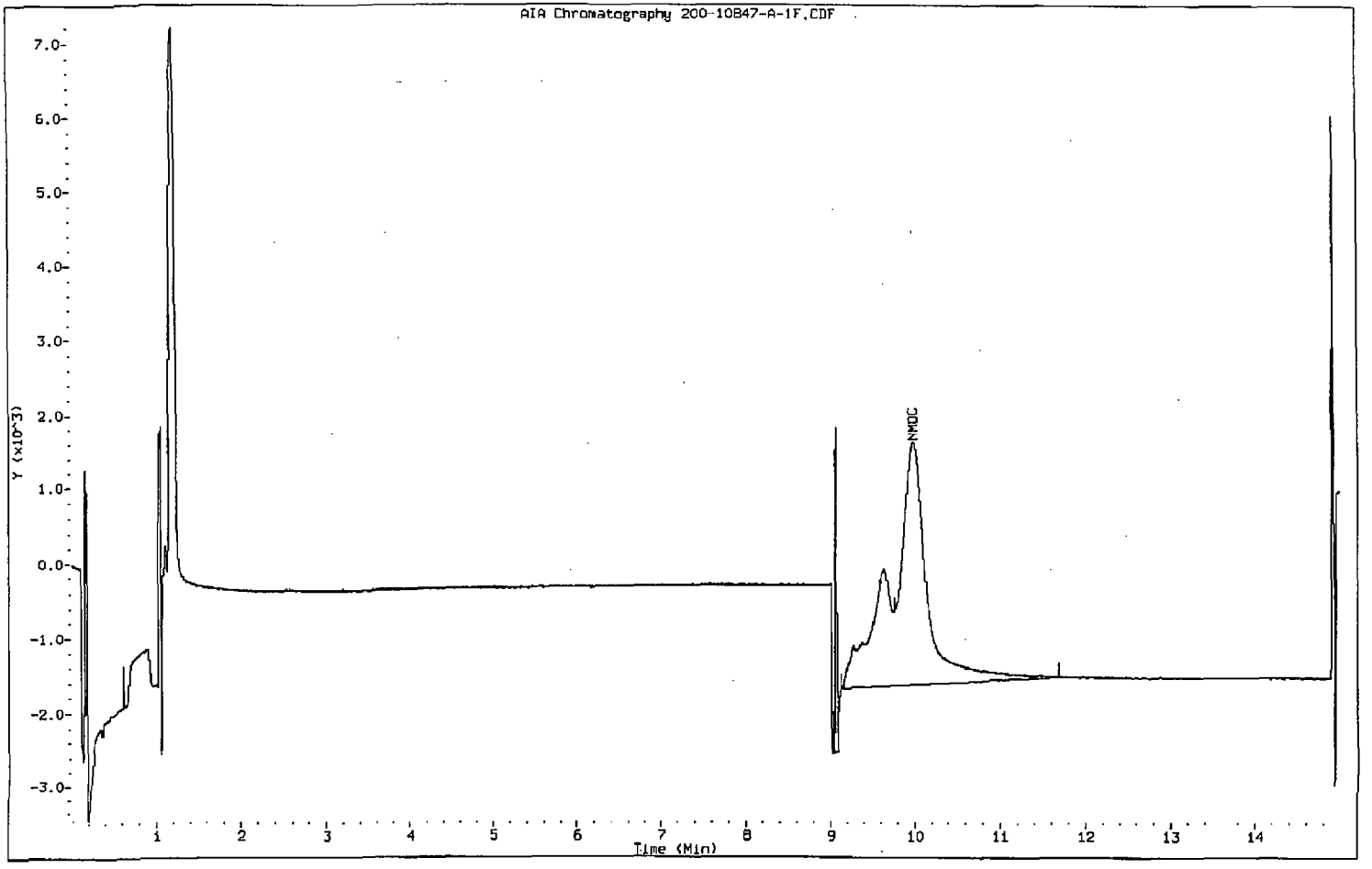
Data File:	200-10847-A-1D.d	Date:	23-MAY-2012 13:10
Client ID:	VLF #1 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-1,1.70		
Lab Sample ID:	200-10847-1		



Data File:	200-10847-A-1E.d	Date:	23-MAY-2012 13:26
Client ID:	VLF #1 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-1,1.70		
Lab Sample ID:	200-10847-1		



Data File:	200-10847-A-1F.d	Date:	23-MAY-2012 13:42
Client ID:	VLF #1 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-1,1.70		
Lab Sample ID:	200-10847-1		



Manual Integration Report

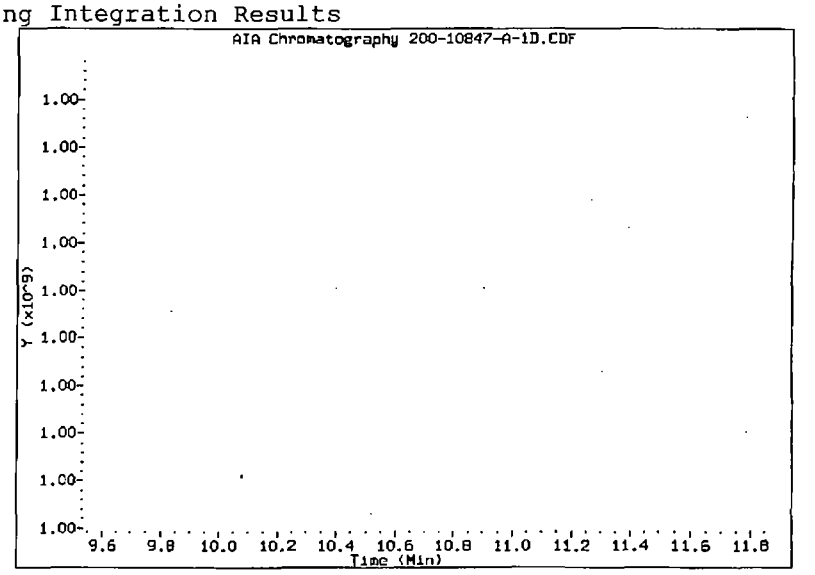
Data File: 200-10847-A-1D.d
Lab Sample ID: 200-10847-1
Inj. Date and Time: 23-MAY-2012 13:10
Instrument ID: 0001_2.i
Client ID: VLF #1 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

RT: 9.96 Processing Integration Results

Response: 105651

Amount: 82.12

Conc: 82.00



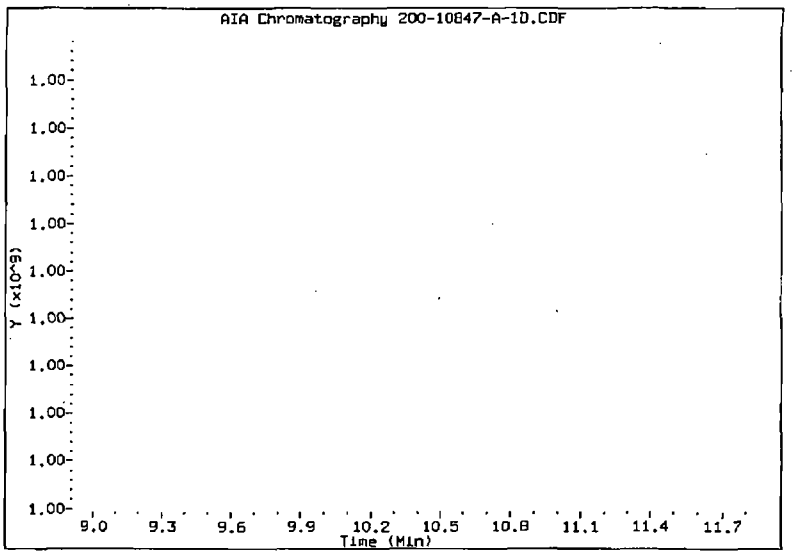
Manual Integration Results

RT: 9.96

Response: 98035

Amount: 76.20

Conc: 130.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-10847-A-1E.d
Lab Sample ID: 200-10847-1
Inj. Date and Time: 23-MAY-2012 13:26
Instrument ID: 0001_2.i
Client ID: VLF #1 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

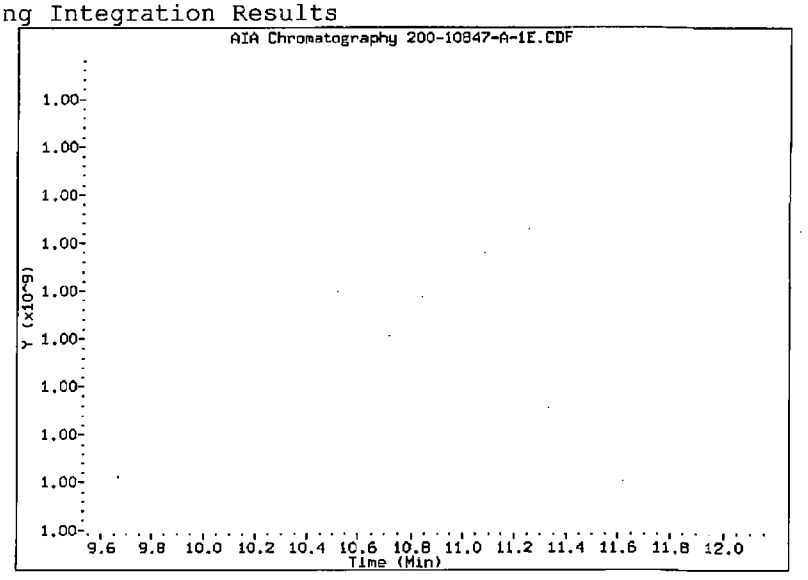
RT: 9.97

Processing Integration Results

Response: 113450

Amount: 88.18

Conc: 88.00



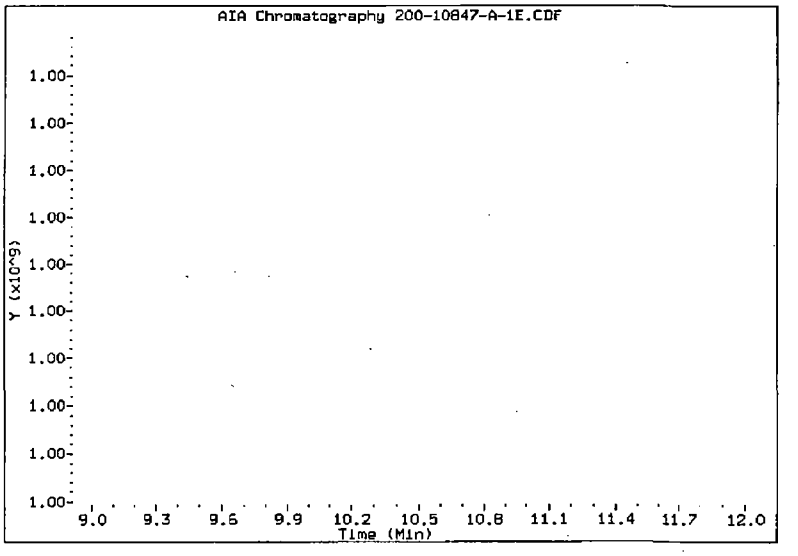
Manual Integration Results

RT: 9.97

Response: 96756

Amount: 75.20

Conc: 130.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-10847-A-1F.d
Lab Sample ID: 200-10847-1
Inj. Date and Time: 23-MAY-2012 13:42
Instrument ID: 0001_2.i
Client ID: VLF #1 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

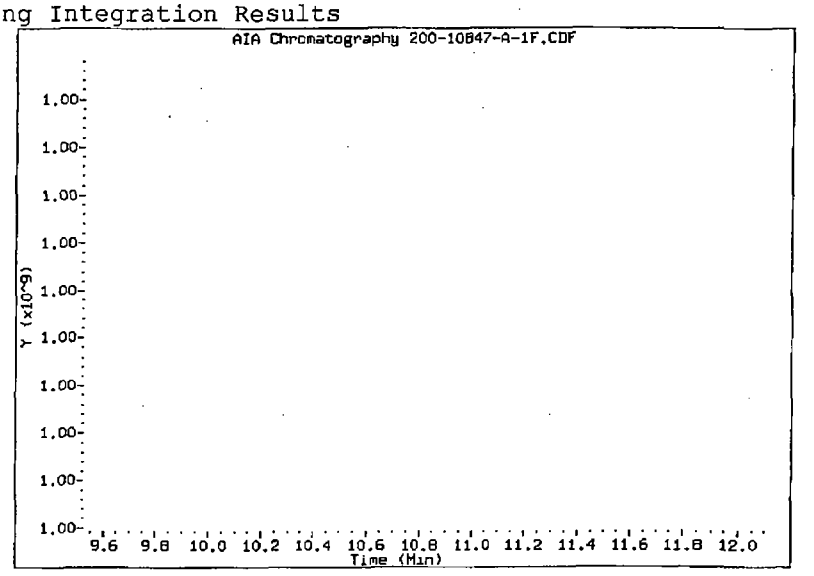
RT: 9.97

Processing Integration Results

Response: 112464

Amount: 87.41

Conc: 87.00



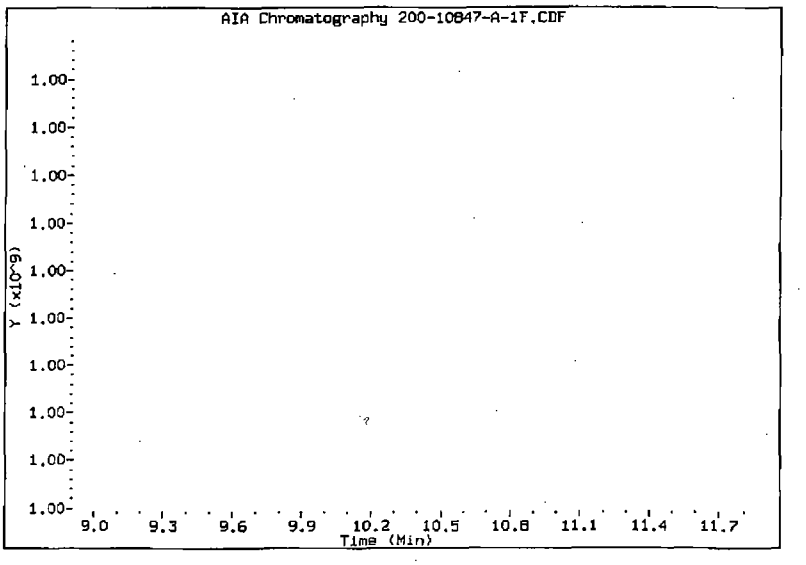
Manual Integration Results

RT: 9.97

Response: 95441

Amount: 74.18

Conc: 130.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: VLF #2 051512 Lab Sample ID: 200-10847-2

Matrix: Air Lab File ID: 200-10847-A-2D.d-avg

Analysis Method: EPA 25C Date Collected: 05/15/2012 14:04

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 13:58

Soil Aliquot Vol: Dilution Factor: 1.73

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39213 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	660		10	10

TestAmerica Burlington

Lab Sample Id: 200-10847-2
Client Smp ID: VLF #2 051512
Inj Date : 23-MAY-2012 13:58
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-2,1.73
Misc Info : 200-10847-A-2
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.977	9.877	0.100	87277	67.8351	120(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-10847-2
Client Smp ID: VLF #2 051512
Inj Date : 23-MAY-2012 14:14
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-2,1.73
Misc Info : 200-10847-A-2
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.972	9.877	0.095	90760	70.5423	120(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-10847-2
Client Smp ID: VLF #2 051512
Inj Date : 23-MAY-2012 14:30
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-2,1.73
Misc Info : 200-10847-A-2
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.970	9.877	0.093	89370	69.4619	120 (M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\200-10847-a-2d.txt
v:\200-10847-a-2e.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	2186243	2175555	2180899	0.49
Oxygen	2206493	2216712	2211602.5	0.46
Nitrogen	13653257	13679876	13666566.5	0.19
Methane	1808218	1807964	1808091	0.01

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	6.43	6.4	6.42	0.49
Oxygen	5.9	5.92	5.91	0.46
Nitrogen	35.61	35.68	35.64	0.19
Methane	5.92	5.92	5.92	0.01

Processing 25C data for files:
w:\200-10847-a-2d.txt
w:\200-10847-a-2e.txt
w:\200-10847-a-2f.txt

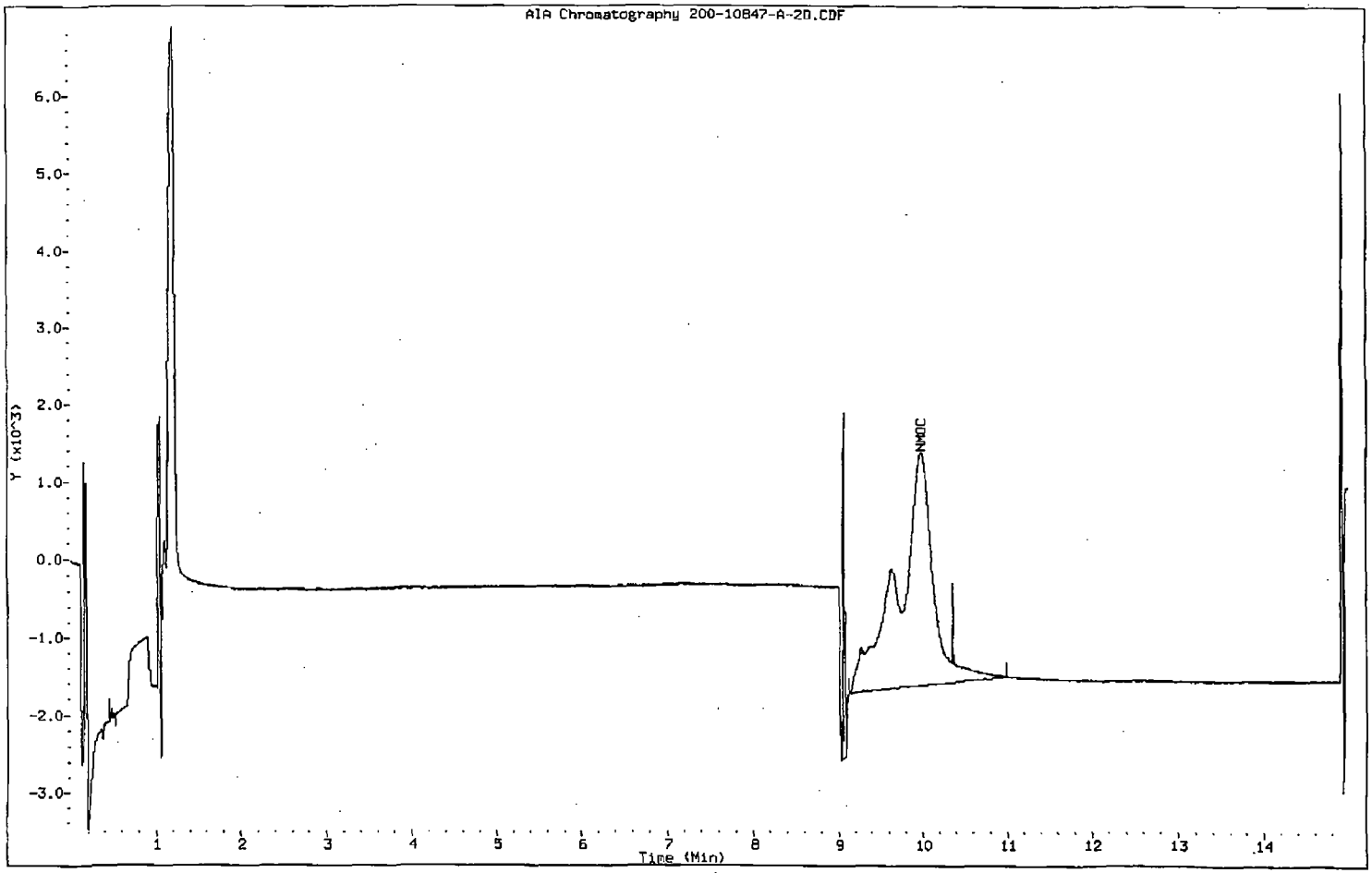
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	87277	90760	89370	89135.67	1.97

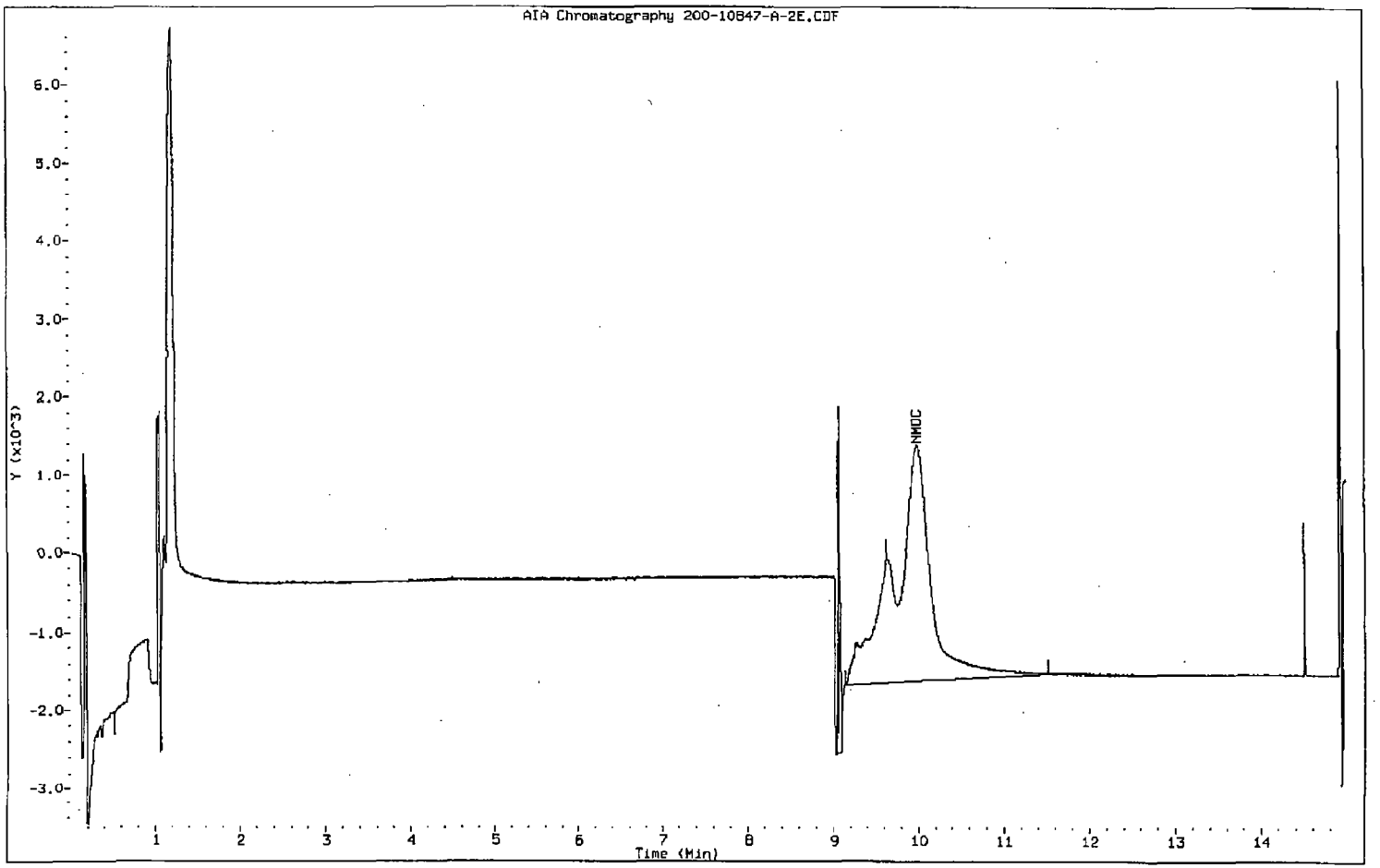
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	67.84	70.54	69.46	69.28	1.97

---------- NMOC Correction----------
Found Raw N2 Result = 35.64 % and NMOC = 69.28 ppm-C
N2 dilution factor = 1.73
N2 Result = Raw N2 * Dil. Fac.61.6572 %
Found Raw NMOC Result = 69.28 ppm-C
NMOC dilution factor = 1.73
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 383.61 ppm-C
Corrected NMOC result * Dil. Fac.= 663.6453 ppm-C

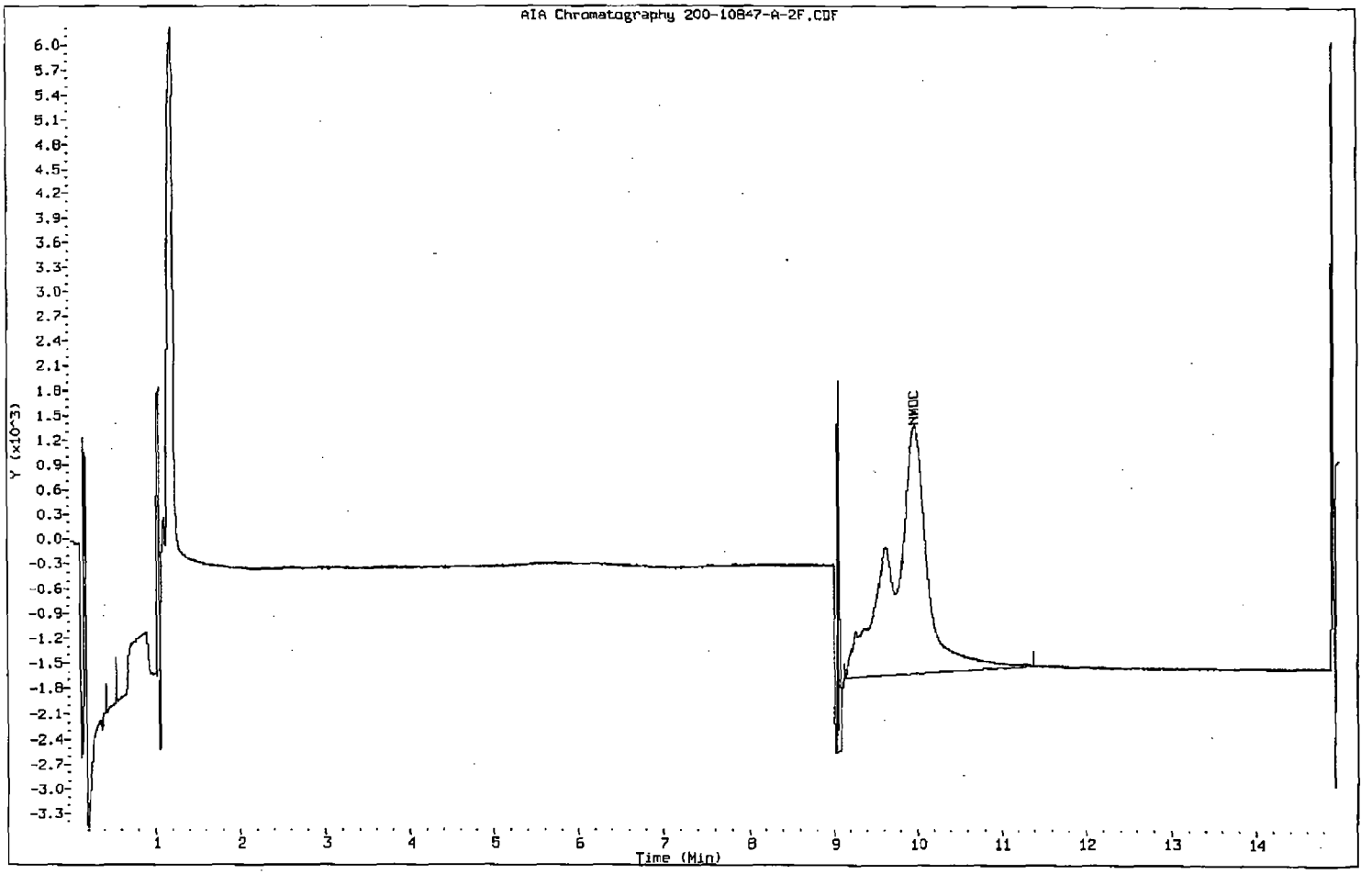
Data File:	200-10847-A-2D.d	Date:	23-MAY-2012 13:58
Client ID:	VLF #2 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-2,1.73		
Lab Sample ID:	200-10847-2		



Data File:	200-10847-A-2E.d	Date:	23-MAY-2012 14:14
Client ID:	VLF #2 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-2,1.73		
Lab Sample ID:	200-10847-2		



Data File:	200-10847-A-2F.d	Date:	23-MAY-2012 14:30
Client ID:	VLF #2 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-2,1.73		
Lab Sample ID:	200-10847-2		



Manual Integration Report

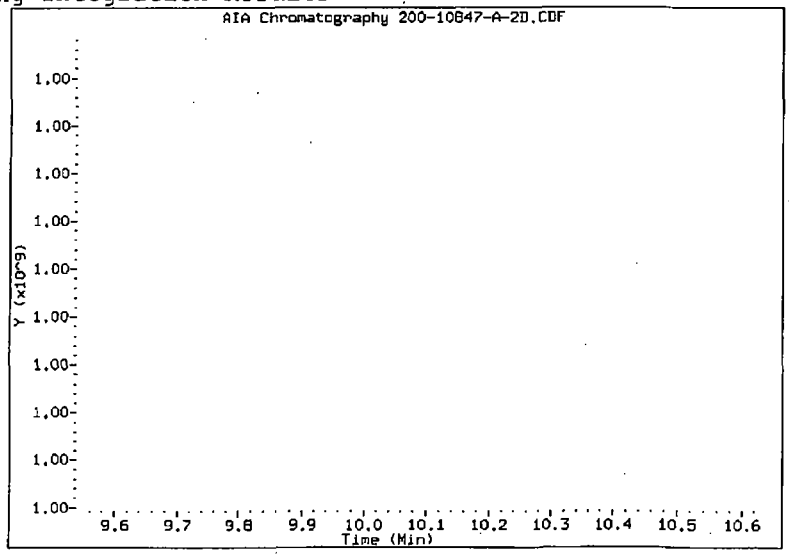
Data File: 200-10847-A-2D.d
Lab Sample ID: 200-10847-2
Inj. Date and Time: 23-MAY-2012 13:58
Instrument ID: 0001_2.i
Client ID: VLF #2 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

RT: 9.98 Processing Integration Results

Response: 58322

Amount: 45.33

Conc: 45.00



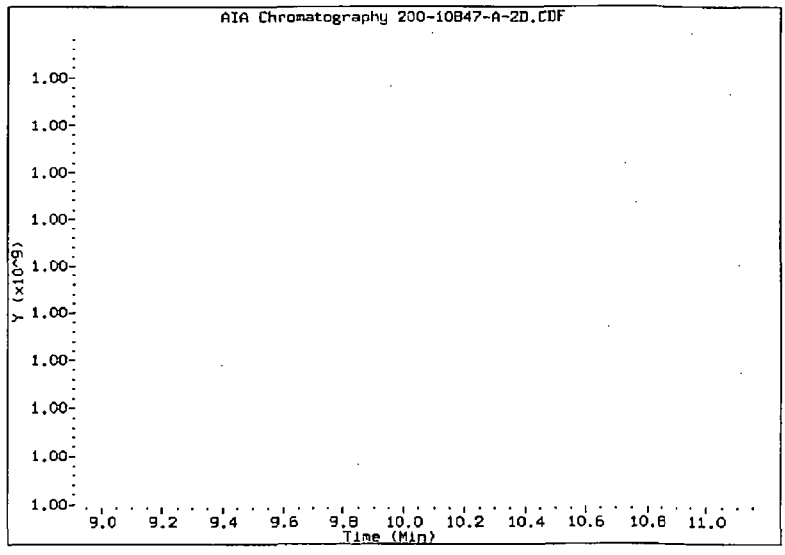
Manual Integration Results

RT: 9.98

Response: 87277

Amount: 67.84

Conc: 120.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-10847-A-2E.d
Lab Sample ID: 200-10847-2
Inj. Date and Time: 23-MAY-2012 14:14
Instrument ID: 0001_2.i
Client ID: VLF #2 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

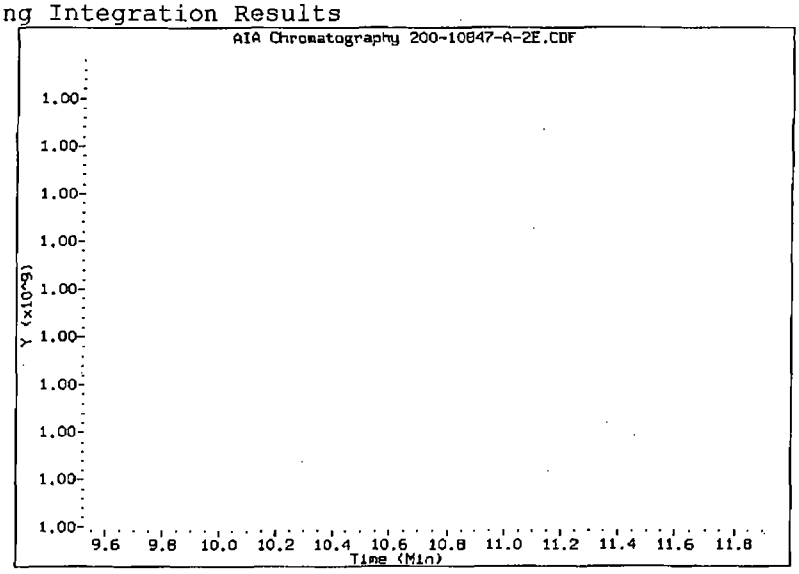
Processing Integration Results

RT: 9.97

Response: 102895

Amount: 79.97

Conc: 80.00



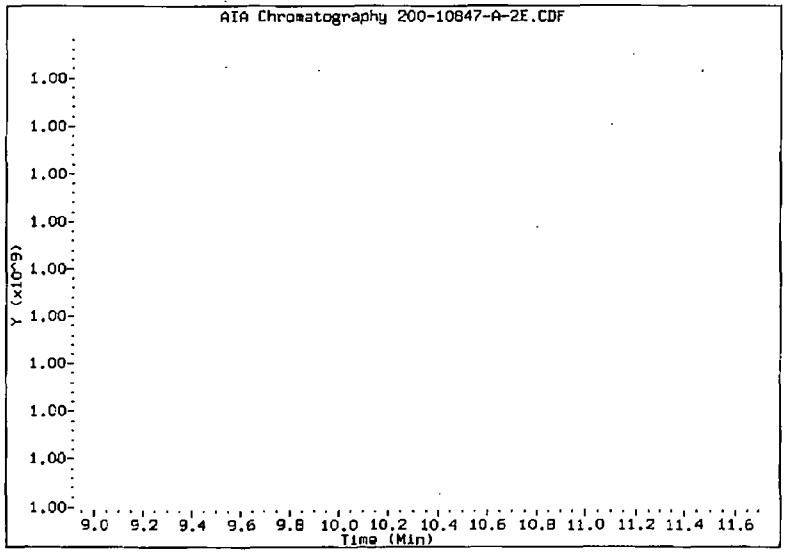
Manual Integration Results

RT: 9.97

Response: 90760

Amount: 70.54

Conc: 120.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 200-10847-A-2F.d
Lab Sample ID: 200-10847-2
Inj. Date and Time: 23-MAY-2012 14:30
Instrument ID: 0001_2.i
Client ID: VLF #2 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

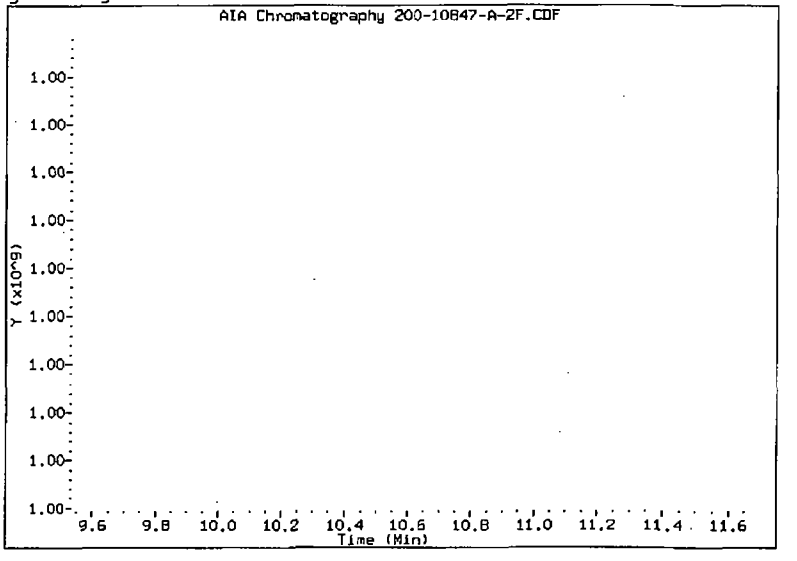
RT: 9.97

Processing Integration Results

Response: 94502

Amount: 73.45

Conc: 73.00



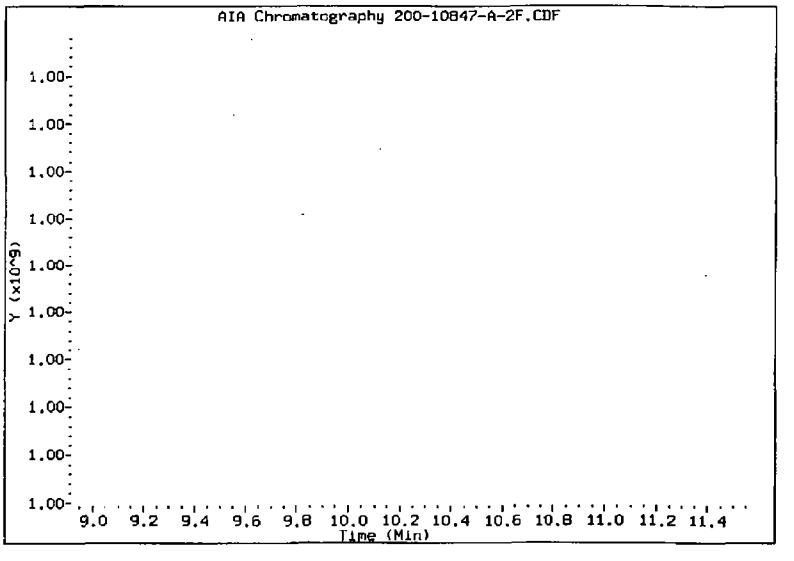
Manual Integration Results

RT: 9.97

Response: 89370

Amount: 69.46

Conc: 120.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM I

AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: VLF #3 051512 Lab Sample ID: 200-10847-3

Matrix: Air Lab File ID: 200-10847-A-3D.d-avg

Analysis Method: EPA 25C Date Collected: 05/15/2012 14:44

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 14:46

Soil Aliquot Vol: Dilution Factor: 1.73

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39213 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	840		10	10

TestAmerica Burlington

Lab Sample Id: 200-10847-3
Client Smp ID: VLF #3 051512
Inj Date : 23-MAY-2012 14:46
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-3,1.73
Misc Info : 200-10847-A-3
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.973	9.877	0.096	104610	81.3070	140(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-10847-3
Client Smp ID: VLF #3 051512
Inj Date : 23-MAY-2012 15:01
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-3,1.73
Misc Info : 200-10847-A-3
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.973	9.877	0.096	103284	80.2764	140 (M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Lab Sample Id: 200-10847-3
Client Smp ID: VLF #3 051512
Inj Date : 23-MAY-2012 15:17
Operator : MRV Inst ID: 0001_2.i
Smp Info : 200-10847-A-3,1.73
Misc Info : 200-10847-A-3
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:27 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1
Dil Factor: 1.73000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.973	9.877	0.096	103264	80.2609	140(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\200-10847-a-3d.txt
v:\200-10847-a-3e.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	2278550	2281475	2280012.5	0.13
Oxygen	2235295	2242817	2239056	0.34
Nitrogen	13922432	13953550	13937991	0.22
Methane	1852648	1873594	1863121	1.12

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	6.71	6.71	6.71	0.13
Oxygen	5.97	5.99	5.98	0.34
Nitrogen	36.31	36.39	36.35	0.22
Methane	6.06	6.13	6.1	1.12

Processing 25C data for files:
w:\200-10847-a-3d.txt
w:\200-10847-a-3e.txt
w:\200-10847-a-3f.txt

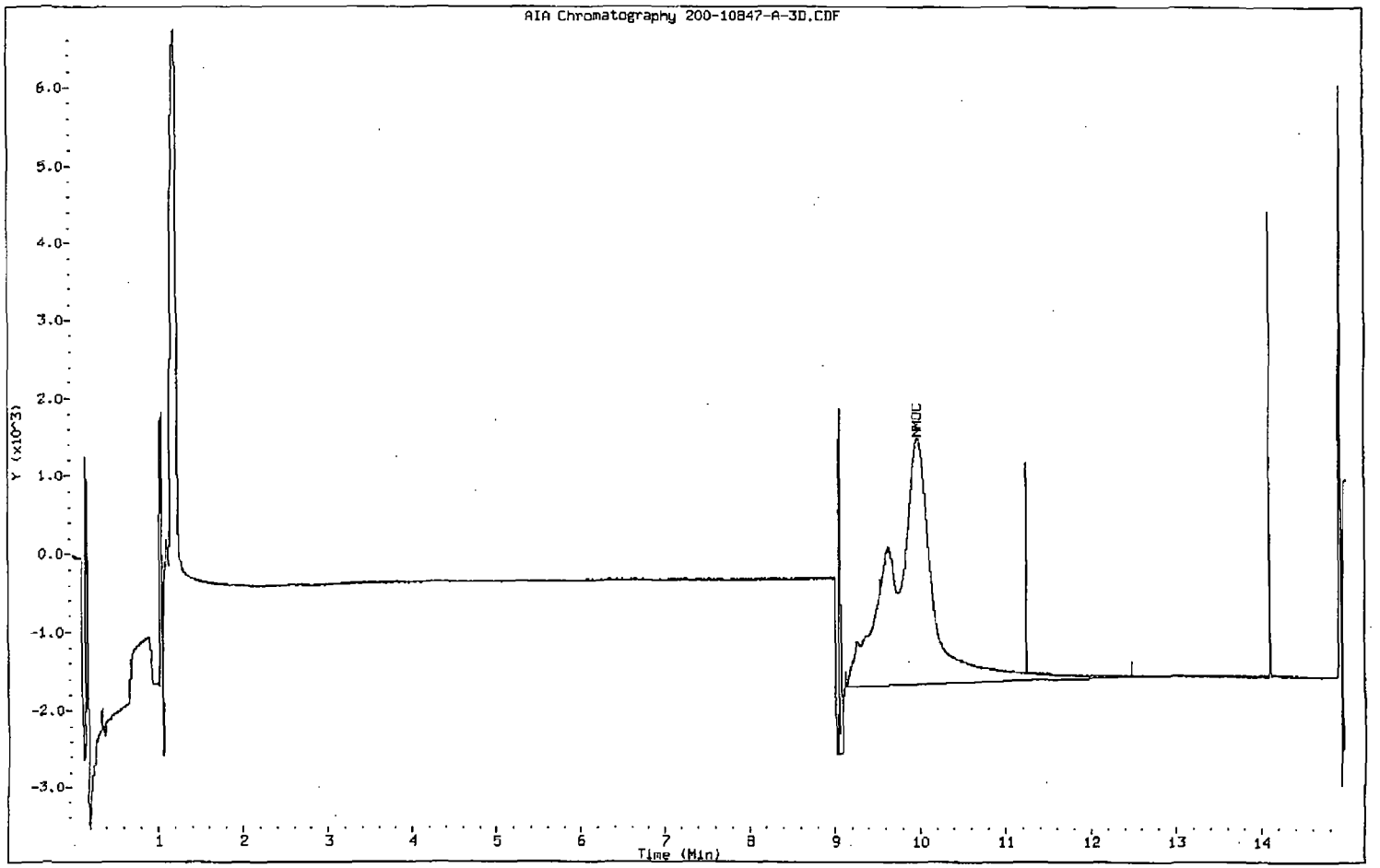
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	104610	103284	103264	103719.33	0.74

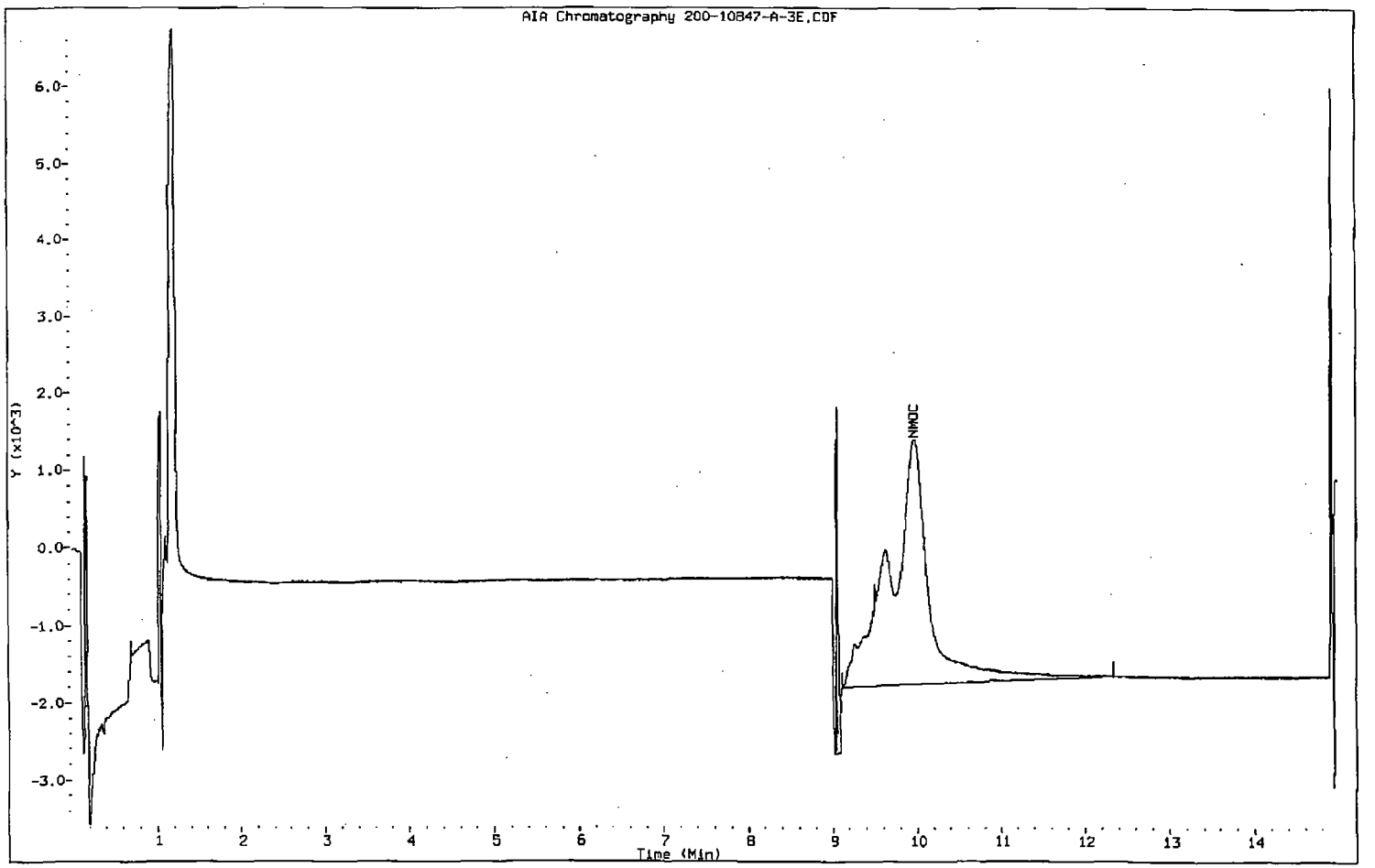
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	81.31	80.28	80.26	80.61	0.74

---------- NMOC Correction----------
Found Raw N2 Result = 36.35 % and NMOC = 80.61 ppm-C
N2 dilution factor = 1.73
N2 Result = Raw N2 * Dil. Fac.62.8855 %
Found Raw NMOC Result = 80.61 ppm-C
NMOC dilution factor = 1.73
Temperature = 27.5 C
Pressure = 29.42 in
Water Vapor Pressure = 27.46 mm-Hg
Corrected Raw NMOC = 488.41 ppm-C
Corrected NMOC result * Dil. Fac.= 844.9493 ppm-C

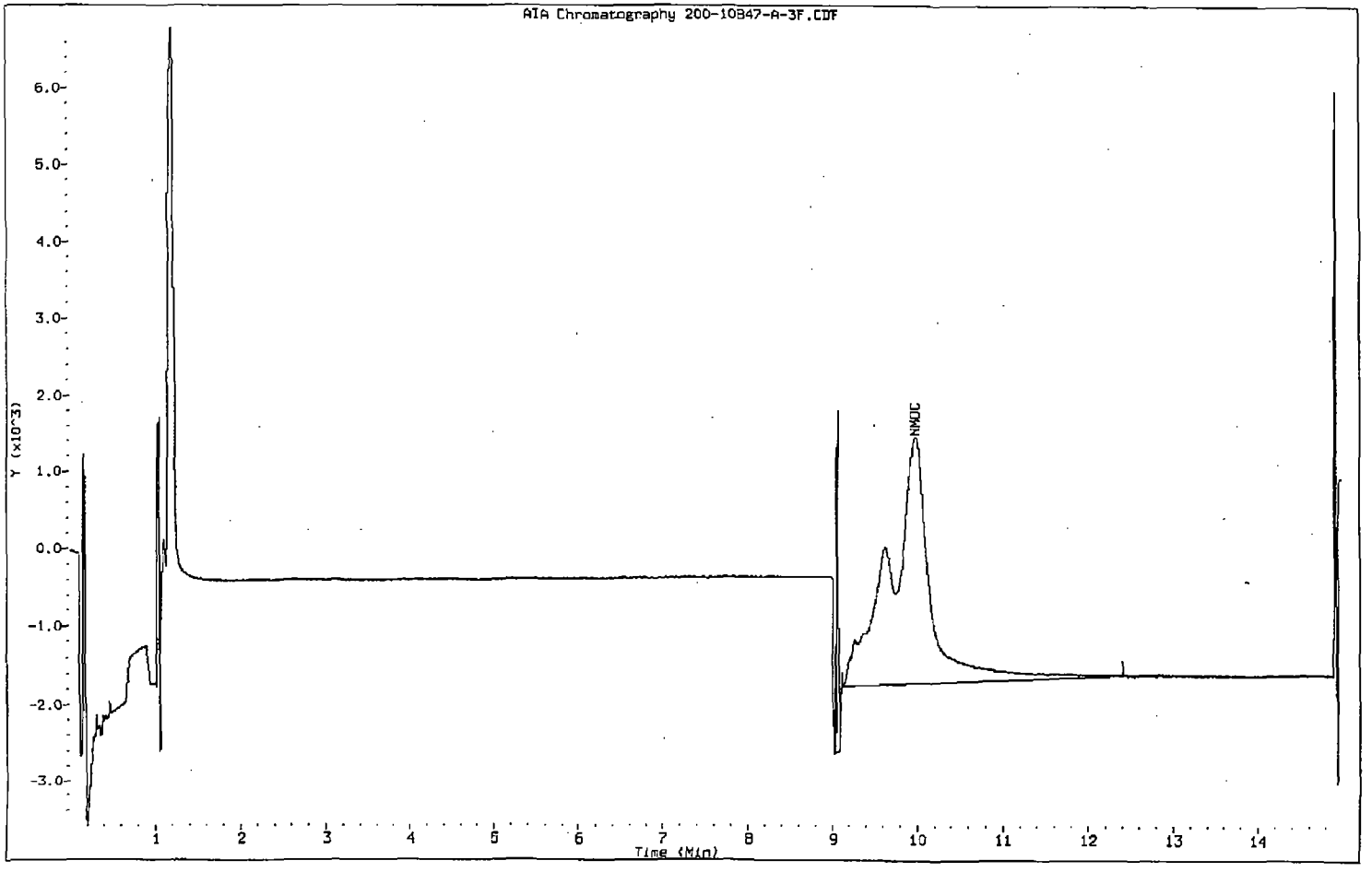
Data File:	200-10847-A-3D.d	Date:	23-MAY-2012 14:46
Client ID:	VLF #3 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-3,1.73		
Lab Sample ID:	200-10847-3		



Data File:	200-10847-A-3E.d	Date:	23-MAY-2012 15:01
Client ID:	VLF #3 051512	Instrument:	0001 2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-3,1.73		
Lab Sample ID:	200-10847-3		



Data File:	200-10847-A-3F.d	Date:	23-MAY-2012 15:17
Client ID:	VLF #3 051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	200-10847-A-3,1.73		
Lab Sample ID:	200-10847-3		



Manual Integration Report

Data File: 200-10847-A-3D.d
Lab Sample ID: 200-10847-3
Inj. Date and Time: 23-MAY-2012 14:46
Instrument ID: 0001_2.i
Client ID: VLF #3 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

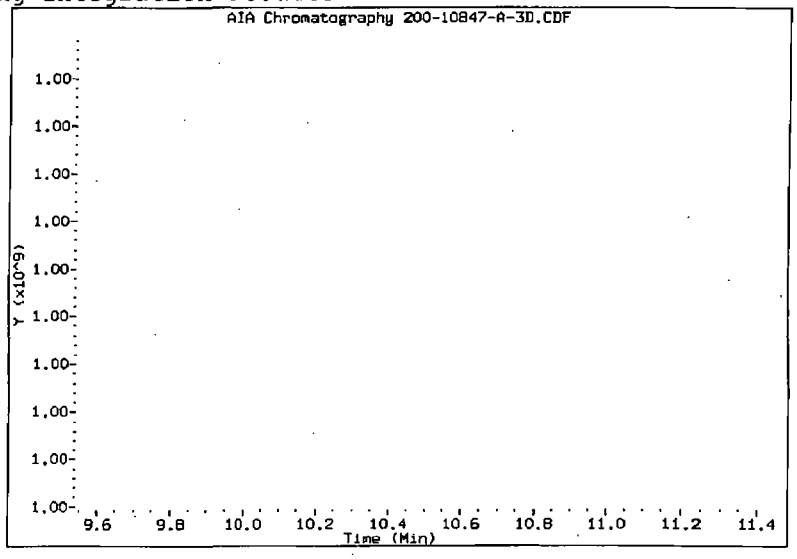
RT: 9.97

Processing Integration Results

Response: 113198

Amount: 87.98

Conc: 88.00



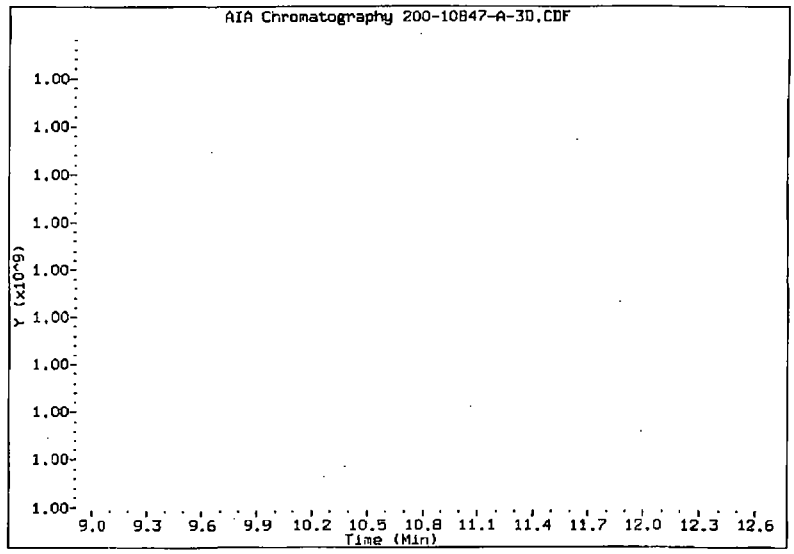
Manual Integration Results

RT: 9.97

Response: 104610

Amount: 81.31

Conc: 140.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

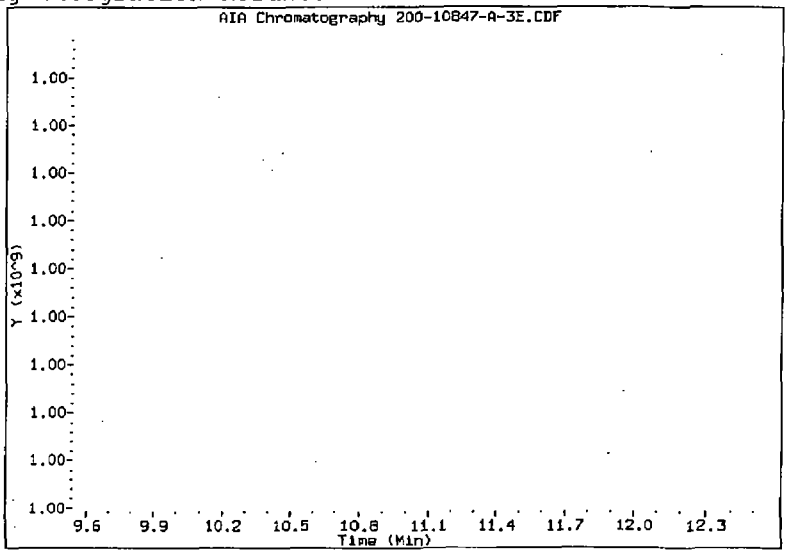
Data File: 200-10847-A-3E.d
Lab Sample ID: 200-10847-3
Inj. Date and Time: 23-MAY-2012 15:01
Instrument ID: 0001_2.i
Client ID: VLF #3 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

RT: 9.97 Processing Integration Results

Response: 122977

Amount: 95.58

Conc: 96.00



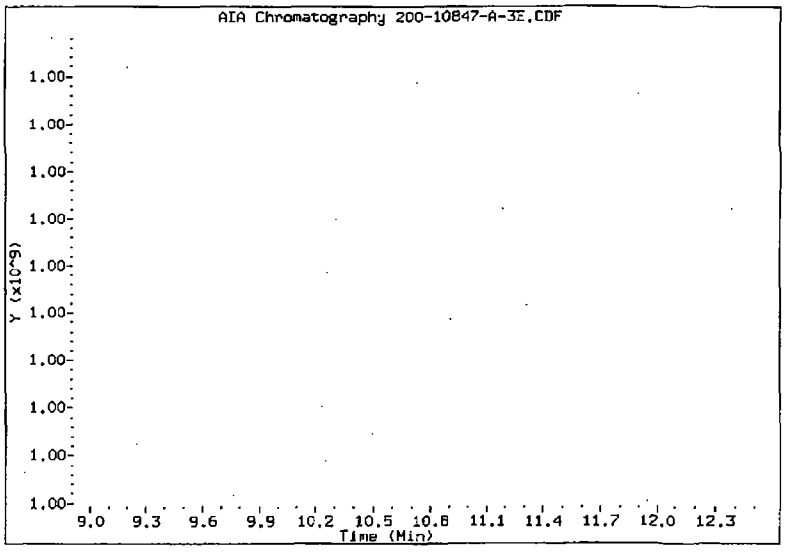
Manual Integration Results

RT: 9.97

Response: 103284

Amount: 80.28

Conc: 140.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

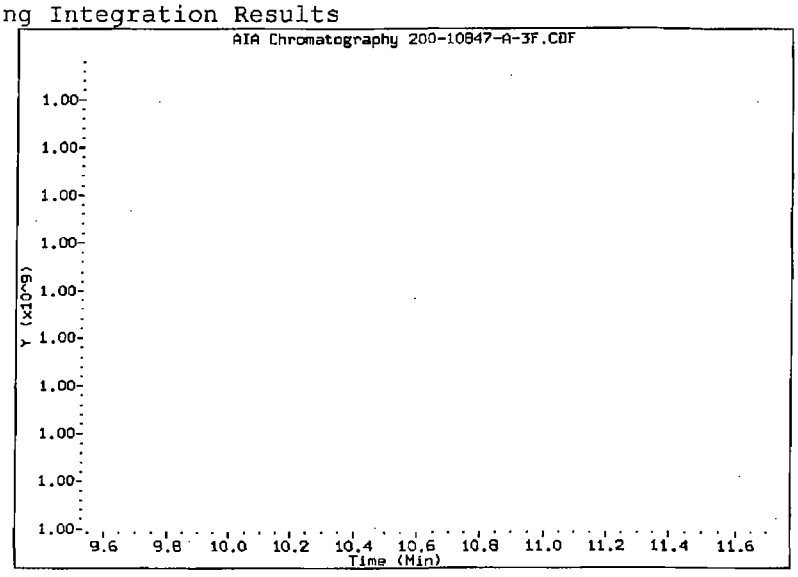
Data File: 200-10847-A-3F.d
Lab Sample ID: 200-10847-3
Inj. Date and Time: 23-MAY-2012 15:17
Instrument ID: 0001_2.i
Client ID: VLF #3 051512
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

RT: 9.97 Processing Integration Results

Response: 98783

Amount: 76.78

Conc: 77.00



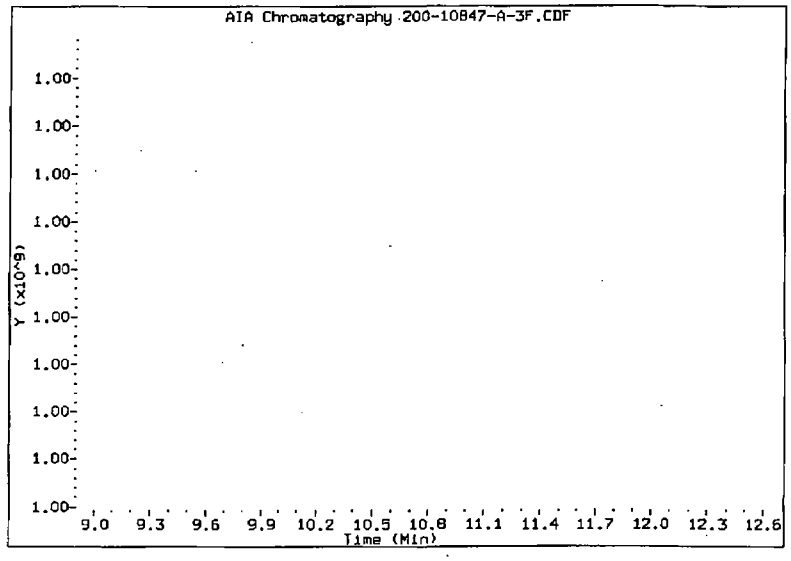
Manual Integration Results

RT: 9.97

Response: 103264

Amount: 80.26

Conc: 140.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10847-1 Analy Batch No.: 38726

SDG No.: 200-10847

Instrument ID: 0001.i GC Column: Carbo/Unibe ID: 2(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 13:09 Calibration End Date: 05/15/2012 14:50 Calibration ID: 15373

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-38726/2	IC1051513A.d-avg
Level 2	ICRT 200-38726/3	ICRT051512A.d-avg
Level 3	IC 200-38726/4	IC3051512A.d-avg

ANALYTE	LVL 1	LVL 2	LVL 3								RT WINDOW	AVG RT
NMOC as Carbon	9.877	9.880	9.877								9.377 - 10.377	9.878

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10847-1 Analy Batch No.: 38726

SDG No.: 200-10847

Instrument ID: 0001.i GC Column: Carbo/Unibe ID: 2(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 13:09 Calibration End Date: 05/15/2012 14:50 Calibration ID: 15373

Calibration Files:

LEVEL:	LAB SAMPLE ID:	EPA SAMPLE NO:	LAB FILE ID:
Level 1	IC 200-38726/2	IC1051513	IC1051513A.d-avg
Level 2	ICRT 200-38726/3	ICRT051512	ICRT051512A.d-avg
Level 3	IC 200-38726/4	IC3051512	IC3051512A.d-avg

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3			B	M1	M2								
NMOC as Carbon	1457.2	1287.3	1115.3		Ave		1286.60460				11.6		15.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
AIR - GC VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10847-1 Analy Batch No.: 38726

SDG No.: 200-10847

Instrument ID: 0001.i GC Column: Carbo/Unibe ID: 2(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2012 13:09 Calibration End Date: 05/15/2012 14:50 Calibration ID: 15373

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-38726/2	IC1051513A.d-avg
Level 2	ICRT 200-38726/3	ICRT051512A.d-avg
Level 3	IC 200-38726/4	IC3051512A.d-avg

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (PPM-C)				
		LVL 1	LVL 2	LVL 3			LVL 1	LVL 2	LVL 3		
NMOC as Carbon	Ave	8743	965486	2007598			6.00	750	1800		

Curve Type Legend:
Ave = Average

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/IC1051513A.d
Lab Smp Id: IC1051513 Client Smp ID: IC1051513
Inj Date : 15-MAY-2012 13:09
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC1051513,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 13:09 Cal File: IC1051513A.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.877	9.877	0.000	8504	6.00000	6.0(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/IC1051513B.d
Lab Smp Id: IC1051513 Client Smp ID: IC1051513
Inj Date : 15-MAY-2012 13:25
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC1051513,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 13:25 Cal File: IC1051513B.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.702	9.877	-0.175	8928	6.00000	6.1(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/IC1051513C.d
Lab Smp Id: IC1051513 Client Smp ID: IC1051513
Inj Date : 15-MAY-2012 13:41
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC1051513,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 13:41 Cal File: IC1051513C.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ppm-C)	AMOUNTS ON-COL (ppm-C)
1 NMOC	10.032	9.877	0.155	8797	6.00000	6.0(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 25C data for files:
w:\ic1051513a.txt
w:\ic1051513b.txt
w:\ic1051513c.txt

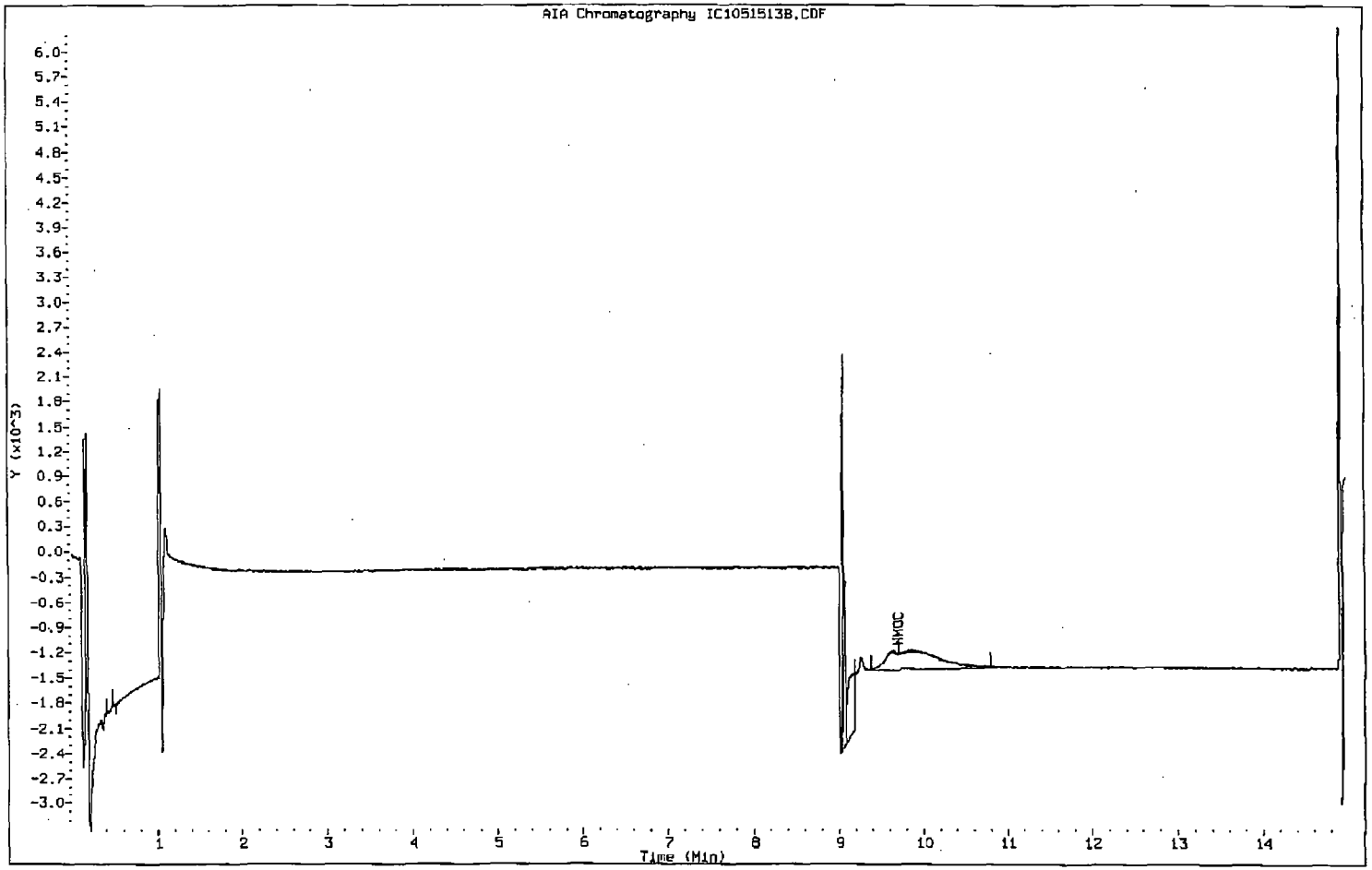
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	8504	8928	8797	8743	1.25

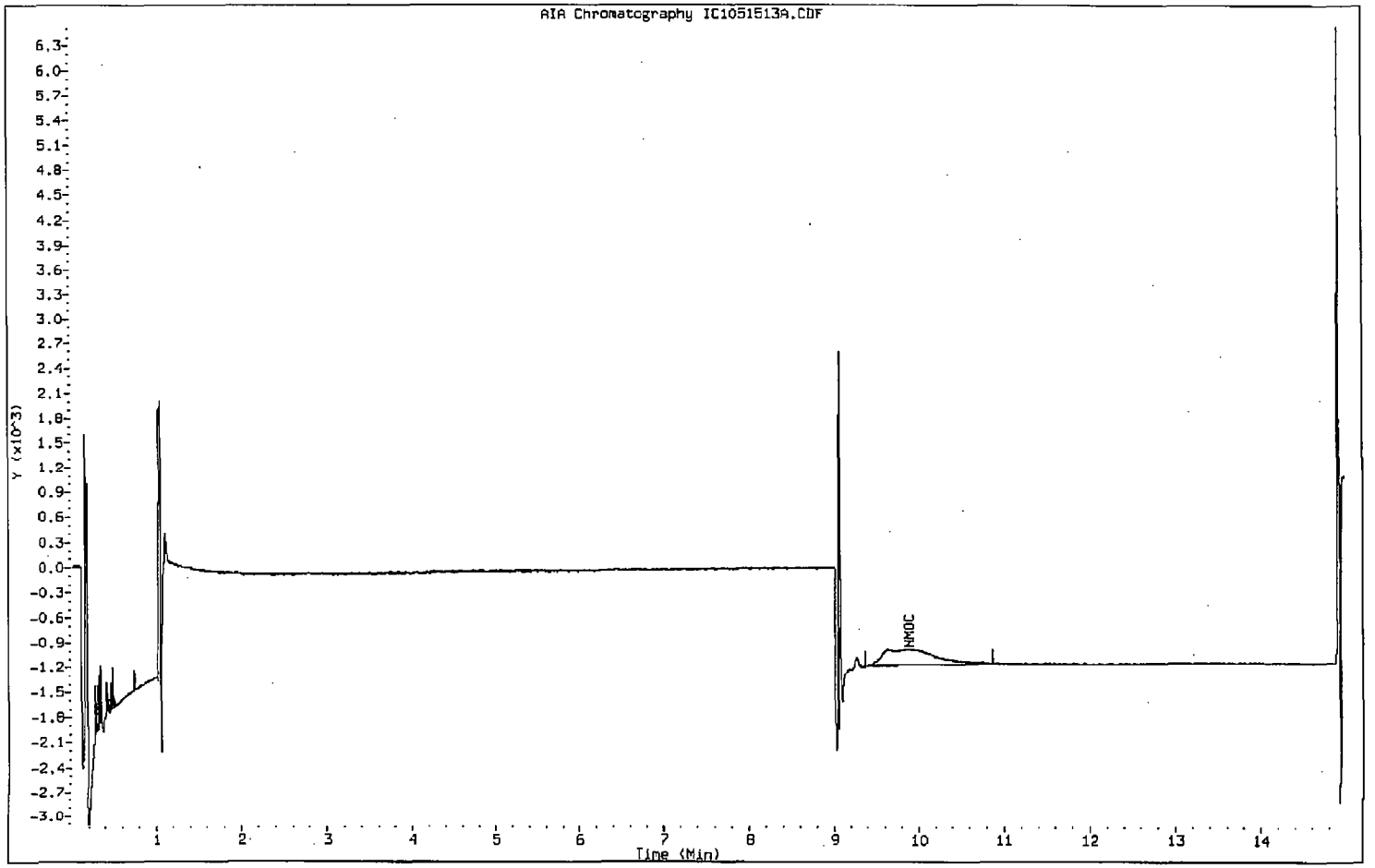
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	6	6.15	6.04	6.06	1.25

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

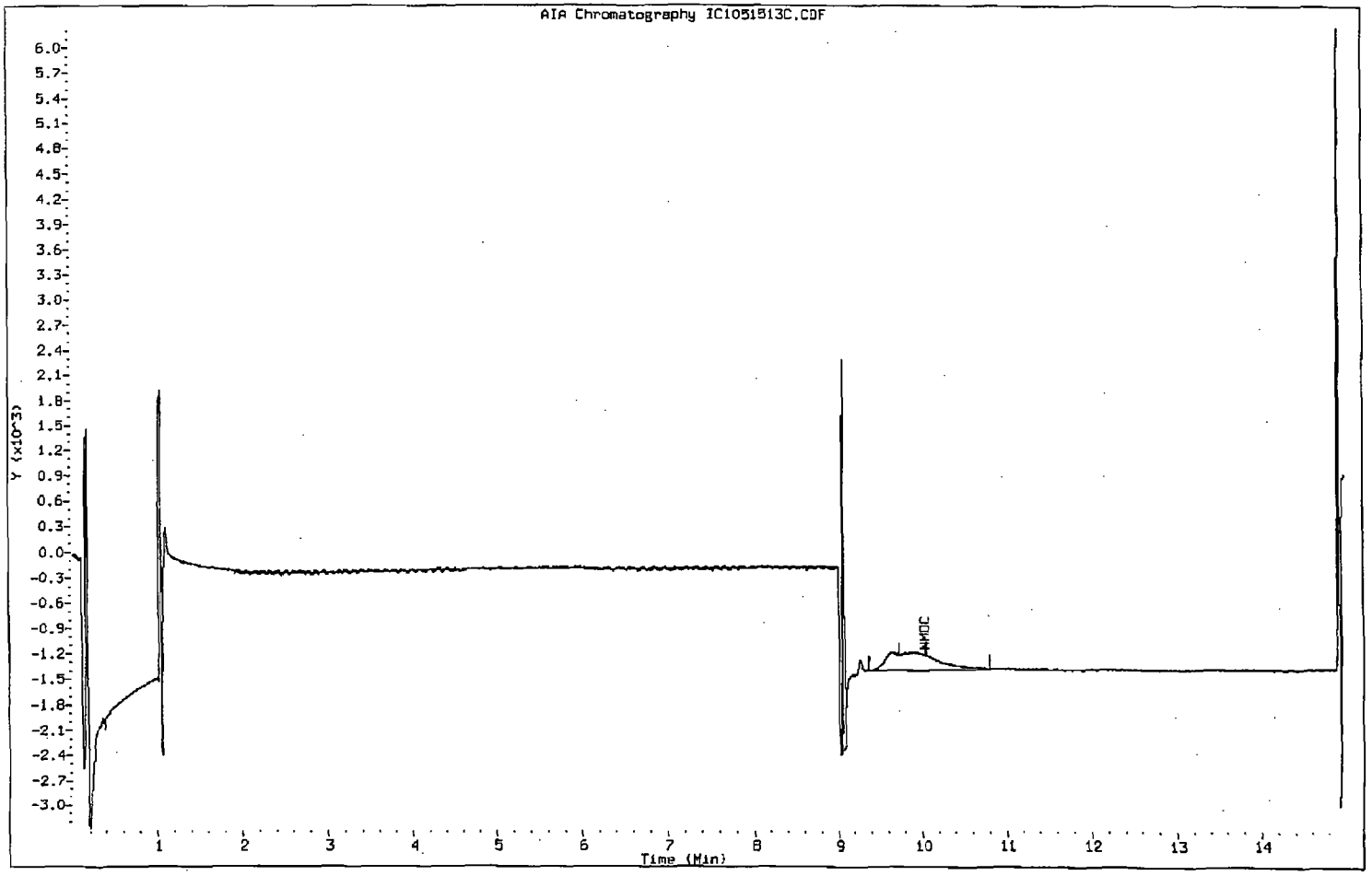
Data File:	IC1051513B.d	Date:	15-MAY-2012 13:25
Client ID:	IC1051513	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC1051513,1		
Lab Sample ID:	IC1051513		



Data File:	IC1051513A.d	Date:	15-MAY-2012 13:09
Client ID:	IC1051513	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC1051513,1		
Lab Sample ID:	IC1051513		



Data File:	IC1051513C.d	Date:	15-MAY-2012 13:41
Client ID:	IC1051513	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC1051513,1		
Lab Sample ID:	IC1051513		



Manual Integration Report

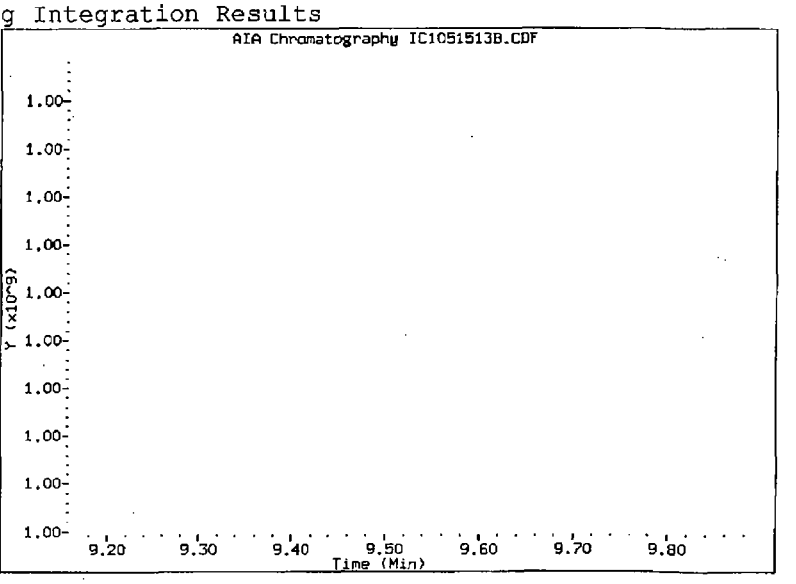
Data File: IC1051513B.d
Lab Sample ID: IC1051513
Inj. Date and Time: 15-MAY-2012 13:25
Instrument ID: 0001_2.i
Client ID: IC1051513
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

RT: 9.64 Processing Integration Results

Response: 4206

Amount: 3.27

Conc: 3.30



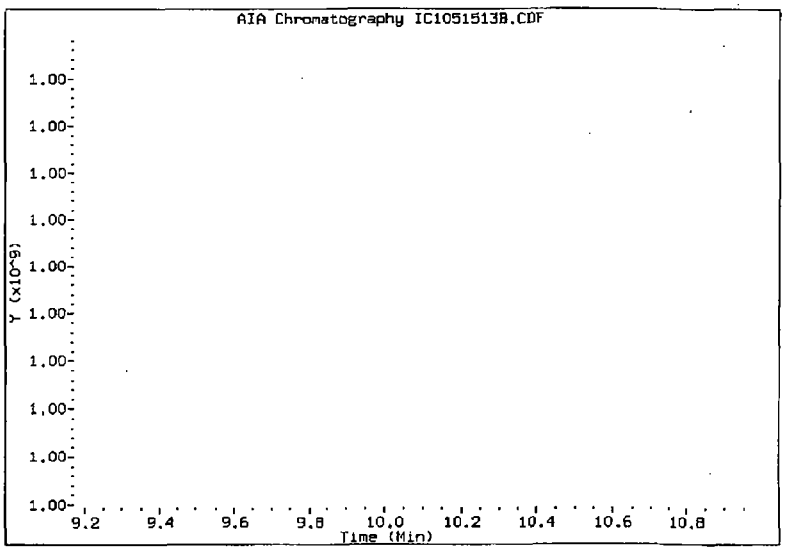
Manual Integration Results

RT: 9.70

Response: 8928

Amount: 6.15

Conc: 6.10



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

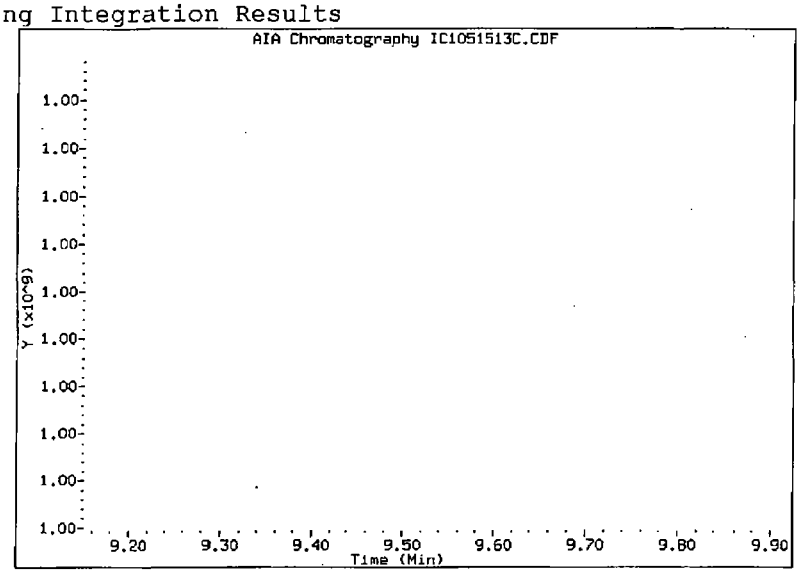
Data File: IC1051513C.d
Lab Sample ID: IC1051513
Inj. Date and Time: 15-MAY-2012 13:41
Instrument ID: 0001_2.i
Client ID: IC1051513
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

RT: 9.64 Processing Integration Results

Response: 4712

Amount: 3.66

Conc: 3.70



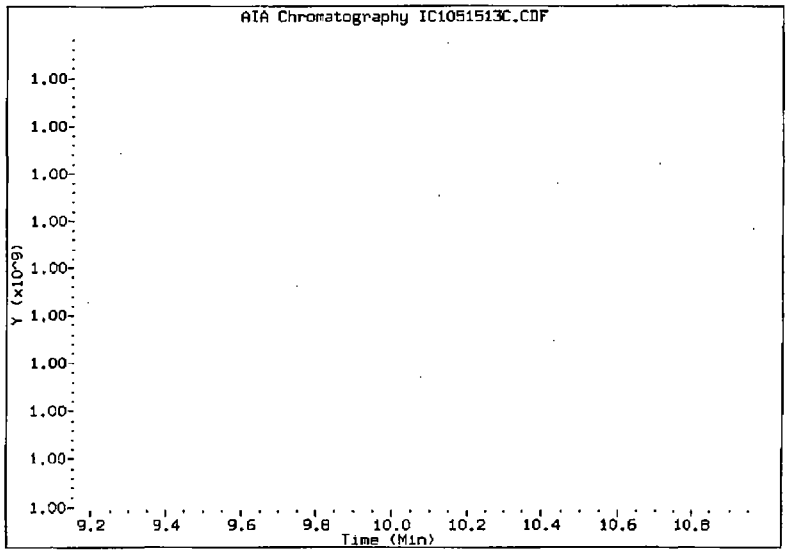
Manual Integration Results

RT: 10.03

Response: 8797

Amount: 6.04

Conc: 6.00



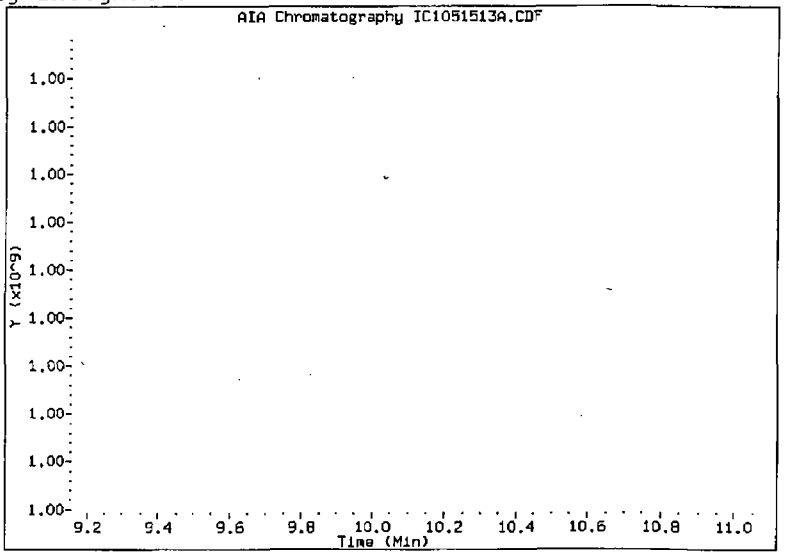
File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: IC1051513A.d
Lab Sample ID: IC1051513
Inj. Date and Time: 15-MAY-2012 13:09
Instrument ID: 0001_2.i
Client ID: IC1051513
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

Processing Integration Results

Not Detected



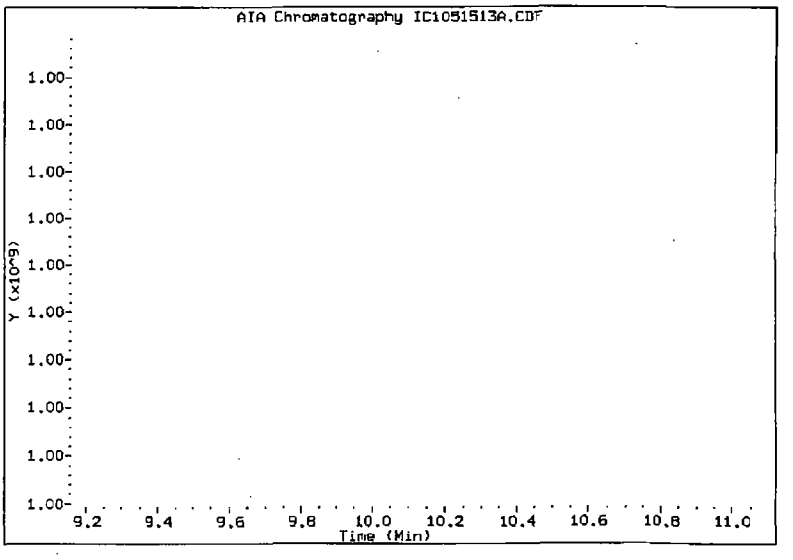
Manual Integration Results

RT: 9.88

Response: 8504

Amount: 6.00

Conc: 6.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/ICRT051512A.d
Lab Smp Id: ICRT051512 Client Smp ID: ICRT051512
Inj Date : 15-MAY-2012 13:59
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICRT051512,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 13:59 Cal File: ICRT051512A.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.880	9.877	0.003	967021	750.000	680(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/ICRT051512C.d
Lab Smp Id: ICRT051512 Client Smp ID: ICRT051512
Inj Date : 15-MAY-2012 14:32
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICRT051512,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 14:32 Cal File: ICRT051512C.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.877	9.877	0.000	959284	750.000	700 (M)

QC Flag Legend

M - Compound response manually integrated.

Processing 25C data for files:
w:\icrt051512a.txt
w:\icrt051512b.txt
w:\icrt051512c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	967021	970154	959284	965486.33	1.25

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	683.3	697.51	699.06	693.29	1.25

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/ICRT051512B.d
Lab Smp Id: ICRT051512 Client Smp ID: ICRT051512
Inj Date : 15-MAY-2012 14:15
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICRT051512,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 14:15 Cal File: ICRT051512B.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

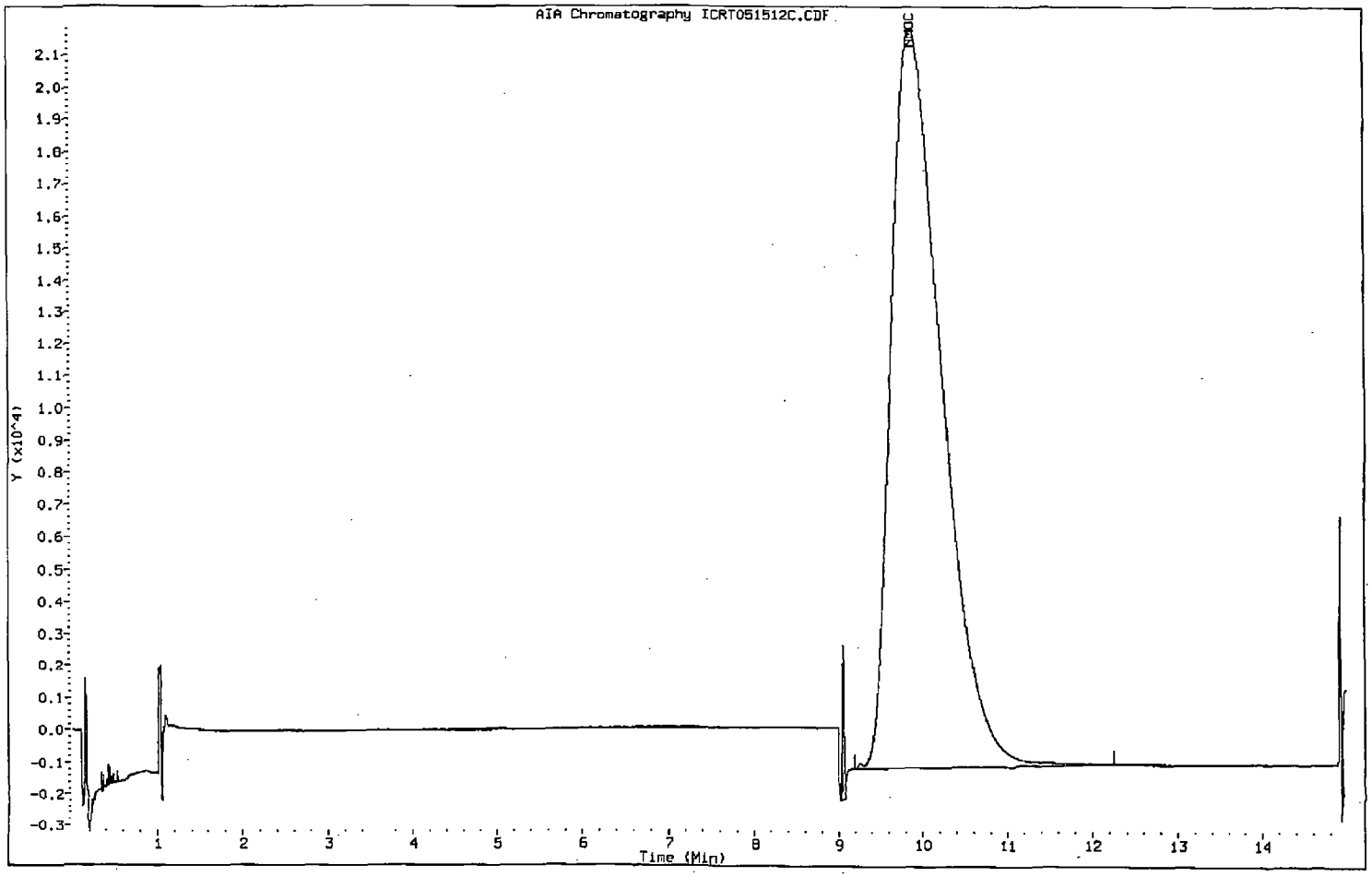
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ppm-C)	AMOUNTS ON-COL (ppm-C)
1 NMOC	9.885	9.877	0.008	970154	750.000	700(M)

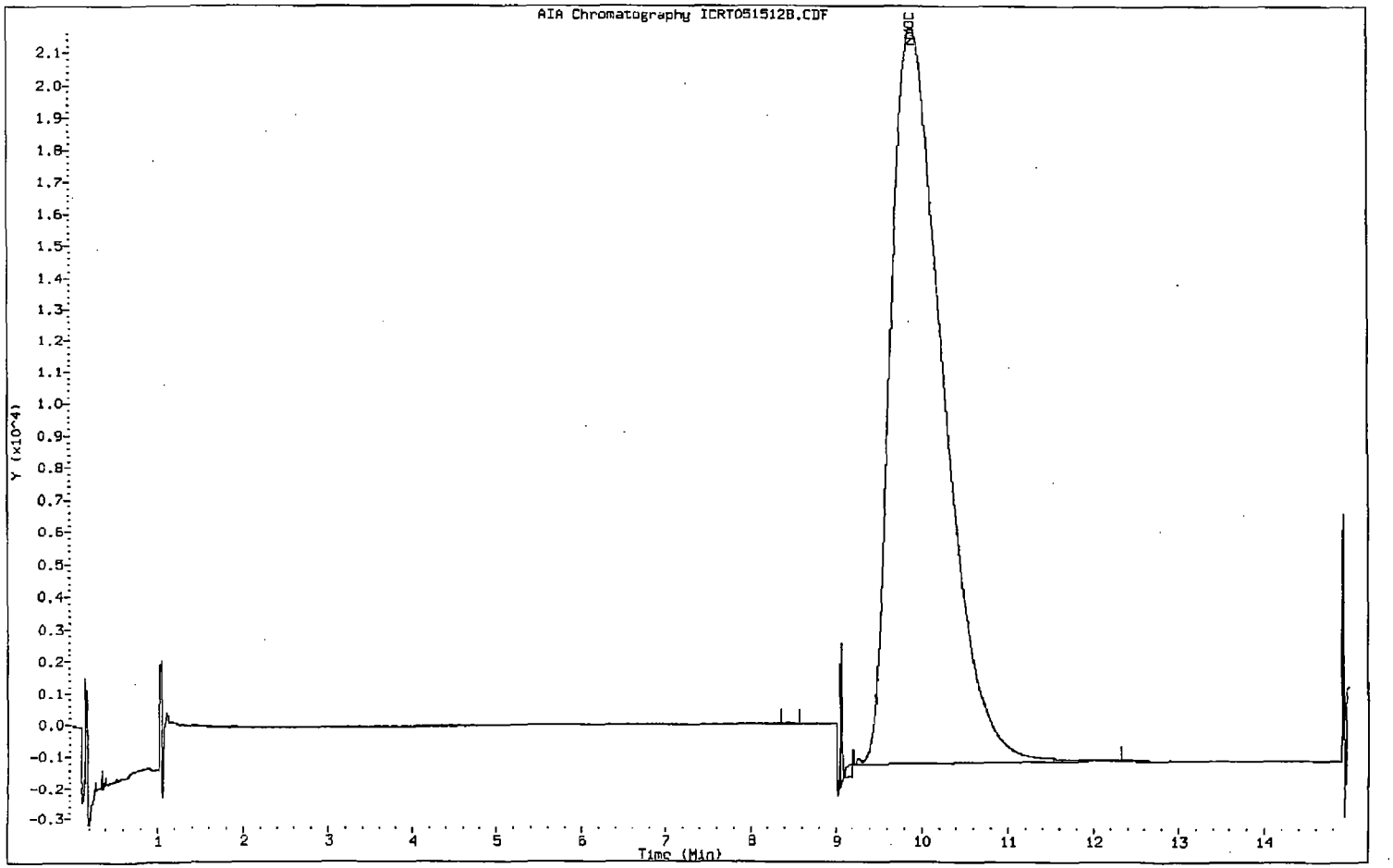
QC Flag Legend

M - Compound response manually integrated.

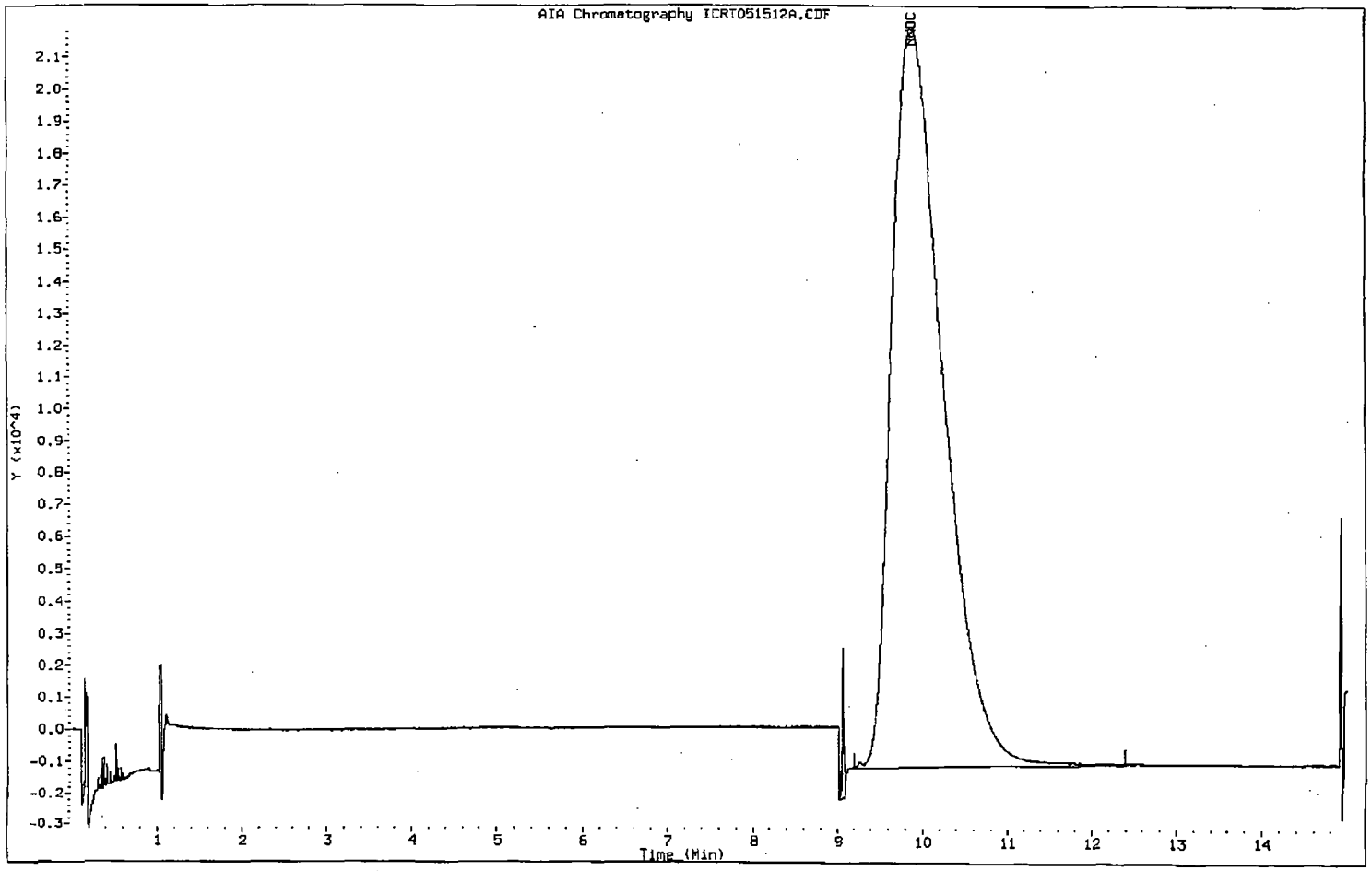
Data File:	ICRT051512C.d	Date:	15-MAY-2012 14:32
Client ID:	ICRT051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICRT051512,1		
Lab Sample ID:	ICRT051512		



Data File:	ICRT051512B.d	Date:	15-MAY-2012 14:15
Client ID:	ICRT051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICRT051512,1		
Lab Sample ID:	ICRT051512		



Data File:	ICRT051512A.d	Date:	15-MAY-2012 13:59
Client ID:	ICRT051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICRT051512,1		
Lab Sample ID:	ICRT051512		



Manual Integration Report

Data File: ICRT051512A.d
Lab Sample ID: ICRT051512
Inj. Date and Time: 15-MAY-2012 13:59
Instrument ID: 0001_2.i
Client ID: ICRT051512
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

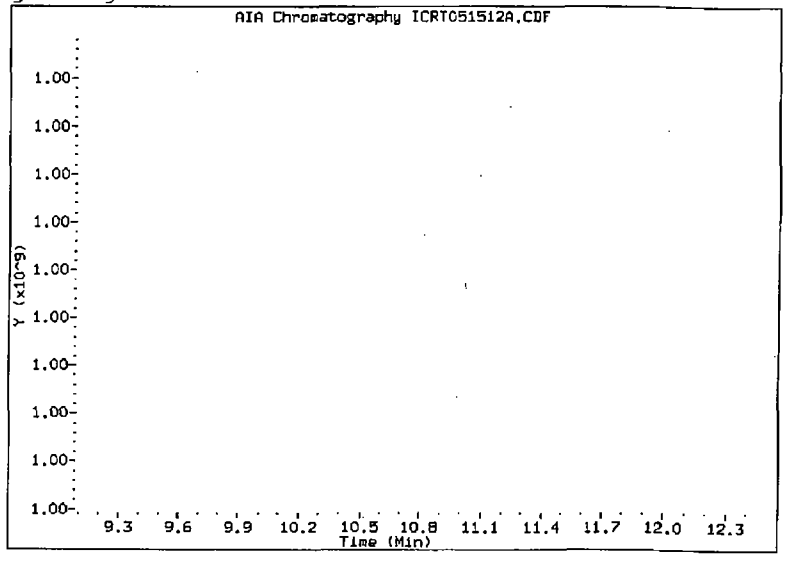
RT: 9.88

Response: 1042583

Amount: 810.34

Conc: 810.00

Processing Integration Results



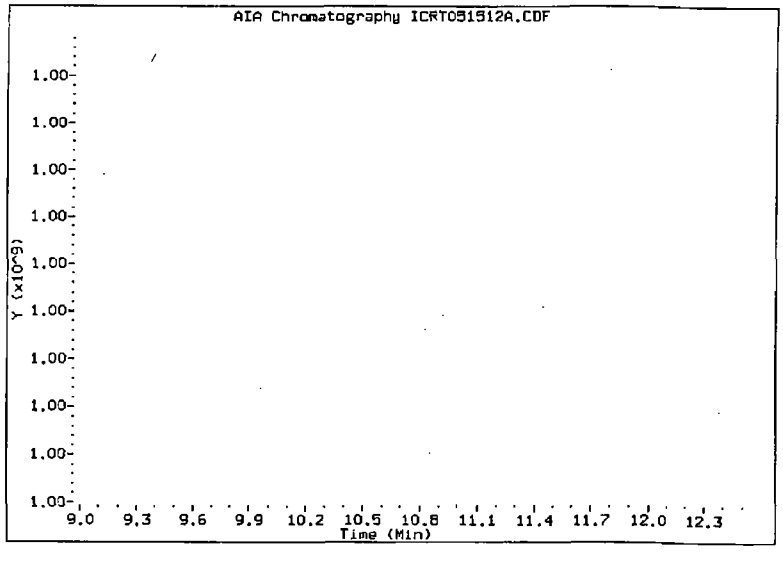
Manual Integration Results

RT: 9.88

Response: 967021

Amount: 683.30

Conc: 680.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ICRT051512C.d
Lab Sample ID: ICRT051512
Inj. Date and Time: 15-MAY-2012 14:32
Instrument ID: 0001_2.i
Client ID: ICRT051512
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

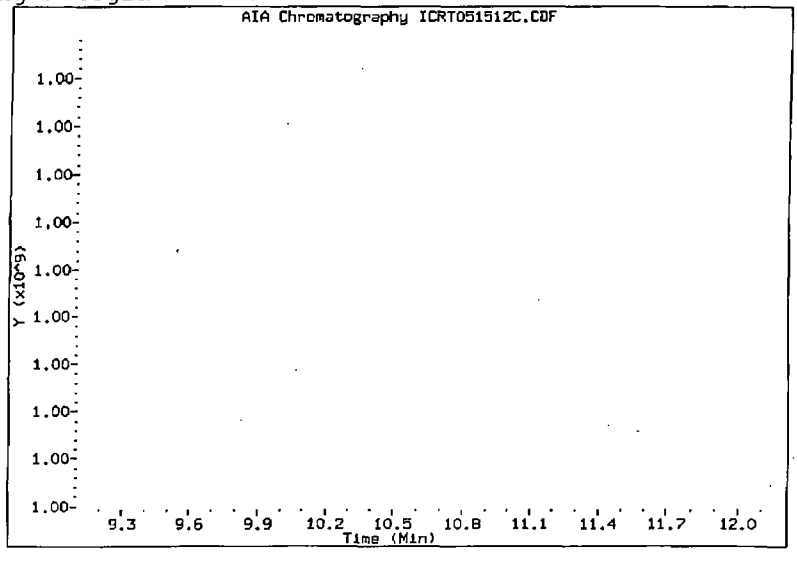
RT: 9.88

Response: 1023580

Amount: 795.57

Conc: 800.00

Processing Integration Results



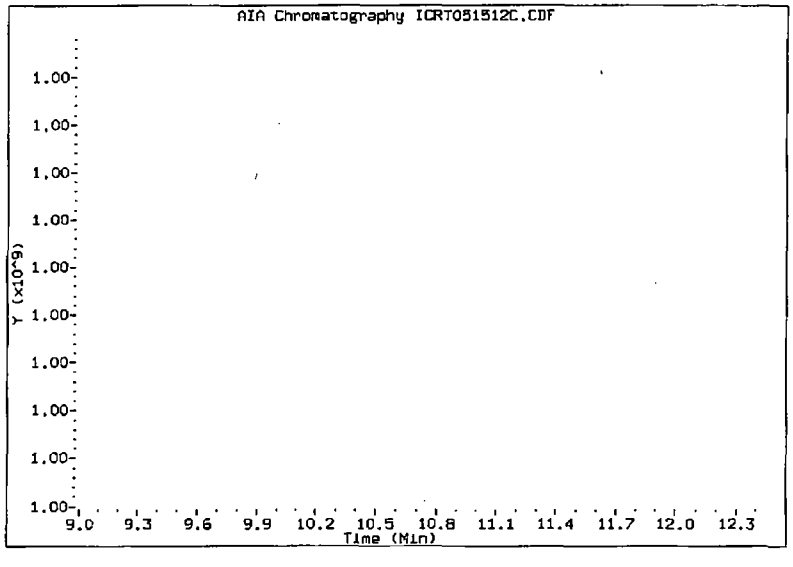
Manual Integration Results

RT: 9.88

Response: 959284

Amount: 699.06

Conc: 700.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ICRT051512B.d
Lab Sample ID: ICRT051512
Inj. Date and Time: 15-MAY-2012 14:15
Instrument ID: 0001_2.i
Client ID: ICRT051512
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

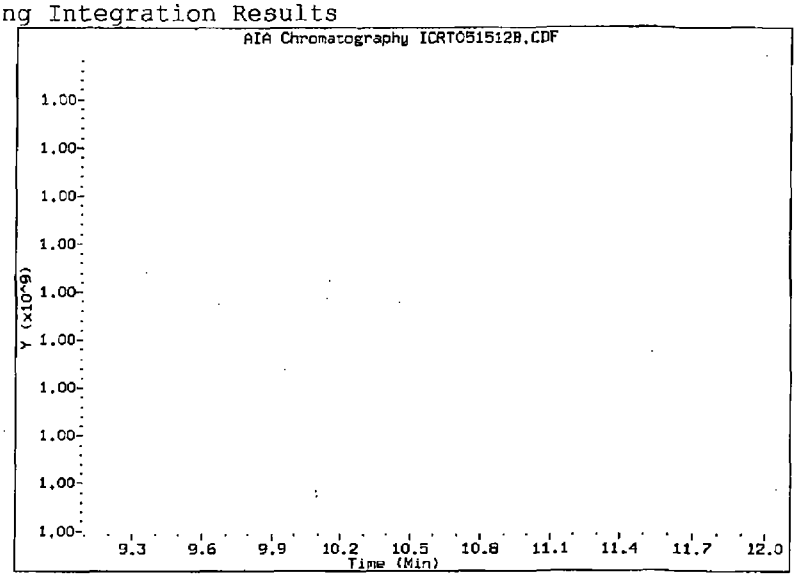
Processing Integration Results

RT: 9.89

Response: 993370

Amount: 772.09

Conc: 770.00



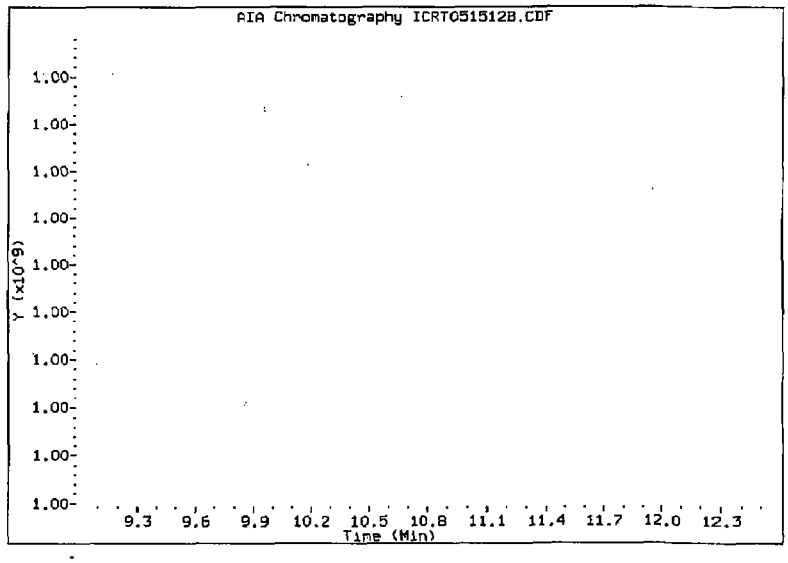
Manual Integration Results

RT: 9.88

Response: 970154

Amount: 697.51

Conc: 700.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Processing 25C data for files:
w:\ic3051512a.txt
w:\ic3051512b.txt
w:\ic3051512c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	2025459	2009922	1987412	2007597.67	0.99

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	1514.98	1534.98	1544.7	1531.55	0.99

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/IC3051512A.d
Lab Smp Id: IC3051512 Client Smp ID: IC3051512
Inj Date : 15-MAY-2012 14:50
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC3051512,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 14:50 Cal File: IC3051512A.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ppm-C)	ON-COL (ppm-C)
1 NMOC	9.877	9.877	0.000	2025459	1800.00	1500(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/IC3051512C.d
Lab Smp Id: IC3051512 Client Smp ID: IC3051512
Inj Date : 15-MAY-2012 15:23
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC3051512,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.880	9.877	0.003	1987412	1800.00	1500 (M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/IC3051512B.d
Lab Smp Id: IC3051512 Client Smp ID: IC3051512
Inj Date : 15-MAY-2012 15:06
Operator : MRV Inst ID: 0001_2.i
Smp Info : IC3051512,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:06 Cal File: IC3051512B.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

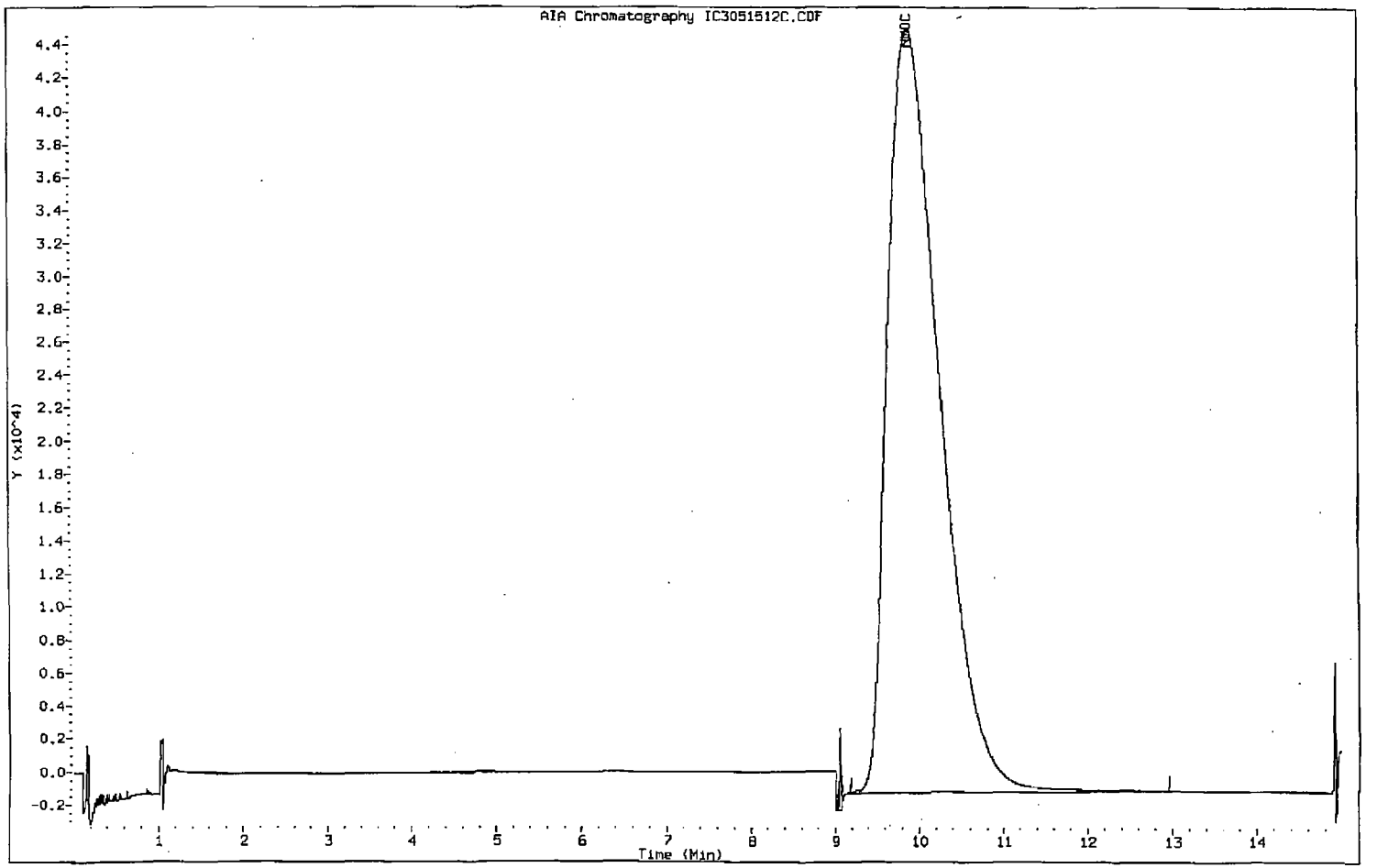
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.890	9.877	0.013	2009922	1800.00	1500 (M)

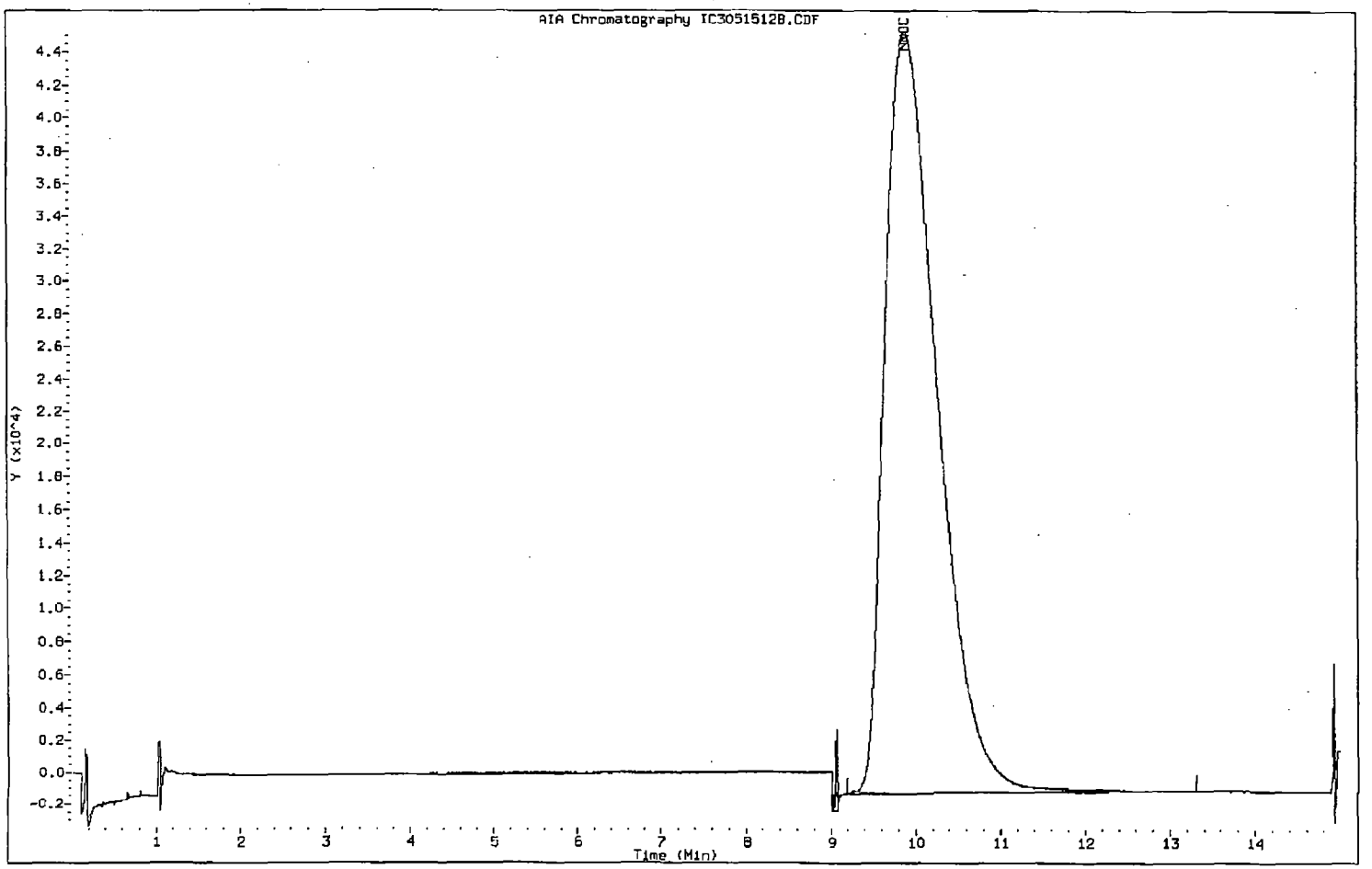
QC Flag Legend

M - Compound response manually integrated.

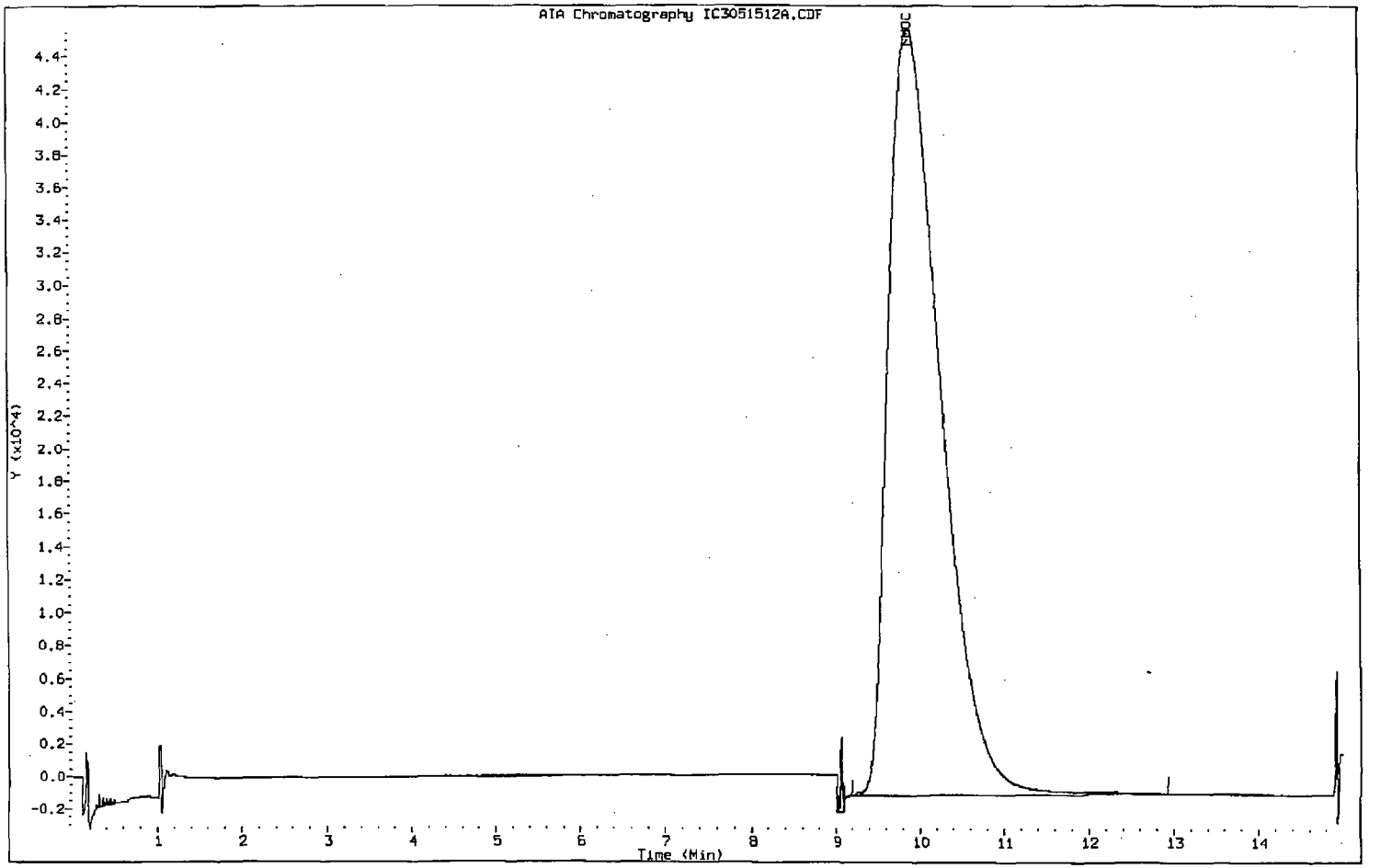
Data File:	IC3051512C.d	Date:	15-MAY-2012 15:23
Client ID:	IC3051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC3051512,1		
Lab Sample ID:	IC3051512		



Data File:	IC3051512B.d	Date:	15-MAY-2012 15:06
Client ID:	IC3051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC3051512,1		
Lab Sample ID:	IC3051512		



Data File:	IC3051512A.d	Date:	15-MAY-2012 14:50
Client ID:	IC3051512	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	IC3051512,1		
Lab Sample ID:	IC3051512		



Manual Integration Report

Data File: IC3051512C.d
Lab Sample ID: IC3051512
Inj. Date and Time: 15-MAY-2012 15:23
Instrument ID: 0001_2.i
Client ID: IC3051512
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

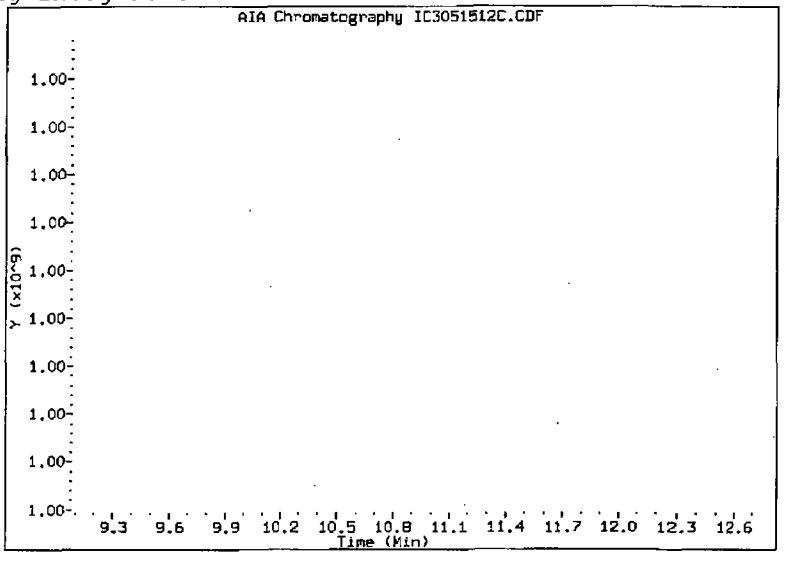
RT: 9.88

Response: 2071081

Amount: 1609.73

Conc: 1600.00

Processing Integration Results



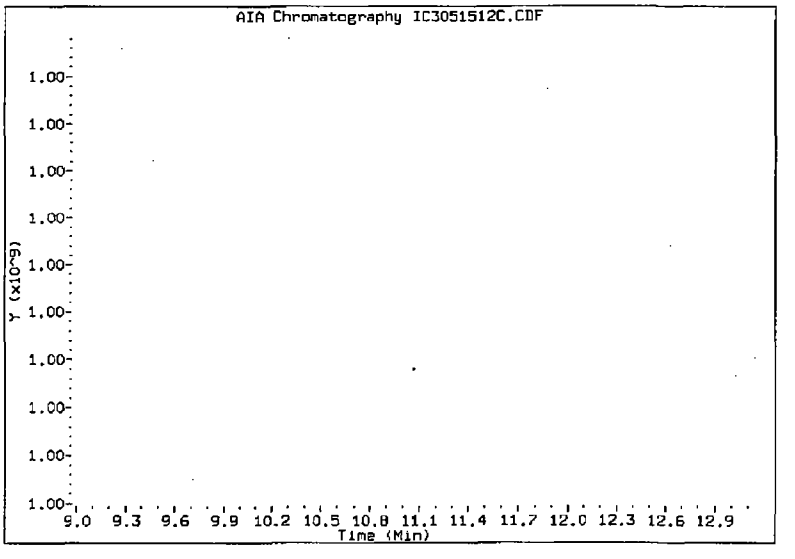
Manual Integration Results

RT: 9.88

Response: 1987412

Amount: 1544.70

Conc: 1500.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: IC3051512B.d
Lab Sample ID: IC3051512
Inj. Date and Time: 15-MAY-2012 15:06
Instrument ID: 0001_2.i
Client ID: IC3051512
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

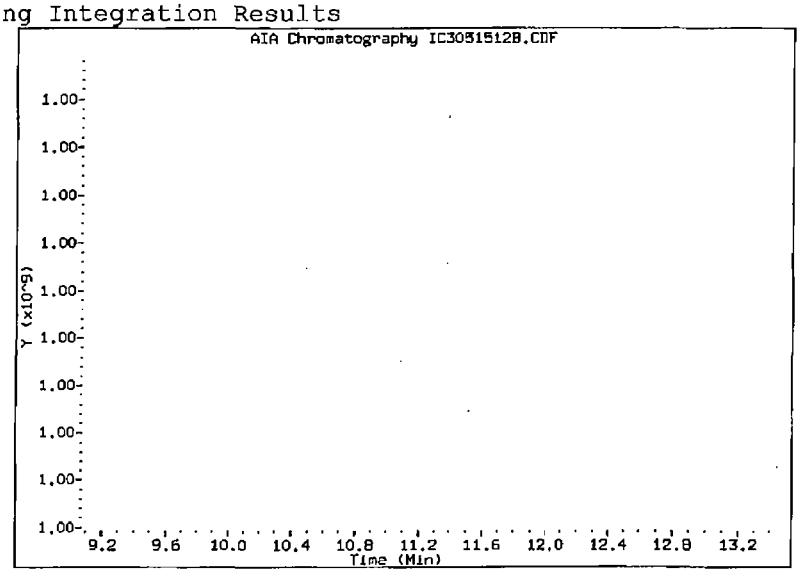
RT: 9.89

Response: 2114663

Amount: 1643.60

Conc: 1600.00

Processing Integration Results



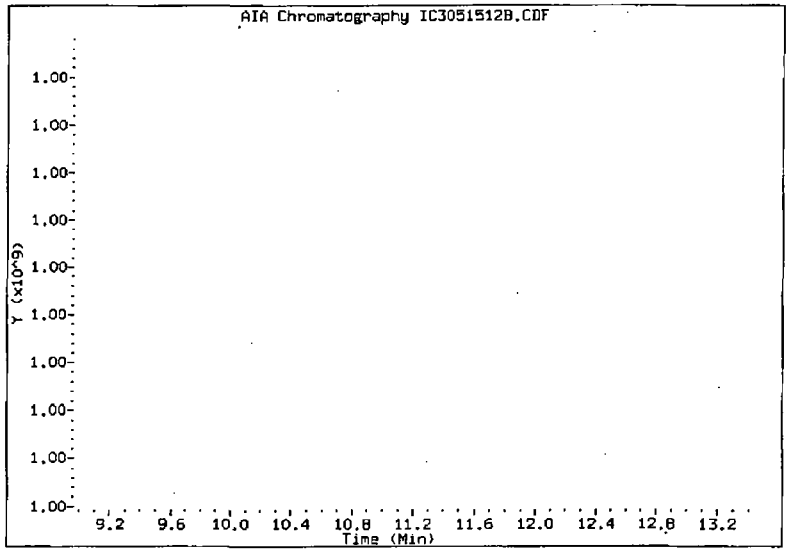
Manual Integration Results

RT: 9.89

Response: 2009922

Amount: 1534.98

Conc: 1500.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: IC3051512A.d
Lab Sample ID: IC3051512
Inj. Date and Time: 15-MAY-2012 14:50
Instrument ID: 0001_2.i
Client ID: IC3051512
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

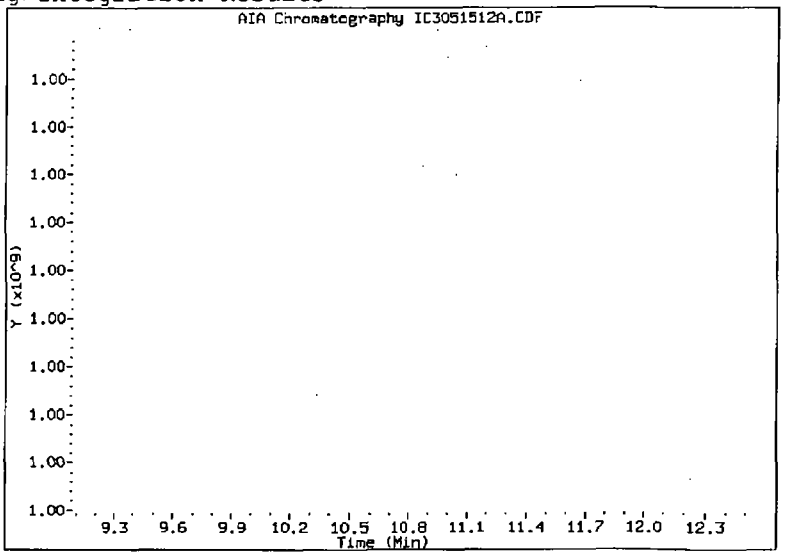
RT: 9.88

Response: 2096227

Amount: 1629.27

Conc: 1600.00

Processing Integration Results



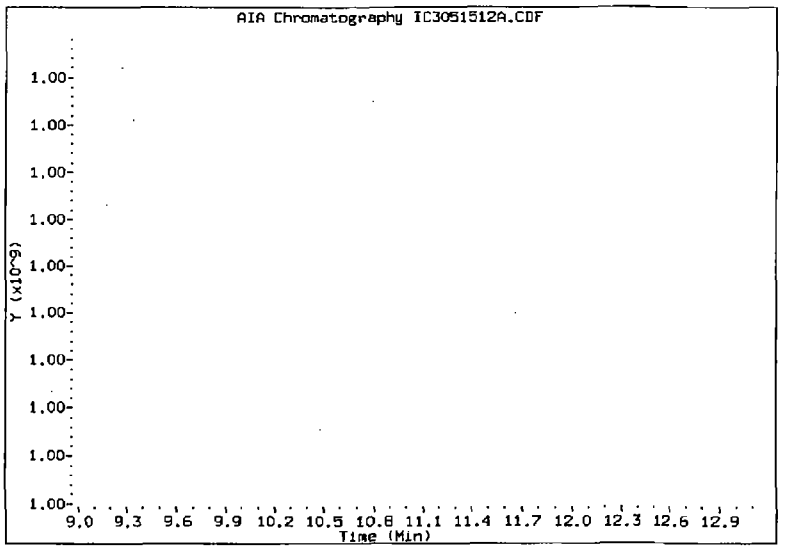
Manual Integration Results

RT: 9.88

Response: 2025459

Amount: 1514.98

Conc: 1500.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab Sample ID: ICV 200-38726/5 Calibration Date: 05/15/2012 15:53

Instrument ID: 0001.i Calib Start Date: 05/15/2012 13:09

GC Column: Carbo/Unibeads ID: 2.00(mm) Calib End Date: 05/15/2012 14:50

Lab File ID: ICV051512A.d-avg Conc. Units: ppm-C Heated Purge: (Y/N) N

EPA Sample No.: ICV051412

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
NMOC as Carbon	Ave	1287	1269		740	750	-1.3	

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/ICV051512C.d
Lab Smp Id: ICV051412 Client Smp ID: ICV051412
Inj Date : 15-MAY-2012 16:28
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICV051412,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.873	9.877	-0.004	957636	744.313	740(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 25C data for files:
w:\icv051512a.txt
w:\icv051512b.txt
w:\icv051512c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	943412	955008	957636	952018.67	0.79

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	733.26	742.27	744.31	739.95	0.79

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/ICV051512A.d
Lab Smp Id: ICV051412 Client Smp ID: ICV051412
Inj Date : 15-MAY-2012 15:53
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICV051412,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.875	9.877	-0.002	943412	733.257	730(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/15MAY12NMOC.b/ICV051512B.d
Lab Smp Id: ICV051412 Client Smp ID: ICV051412
Inj Date : 15-MAY-2012 16:10
Operator : MRV Inst ID: 0001_2.i
Smp Info : ICV051412,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/15MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 16-May-2012 08:02 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

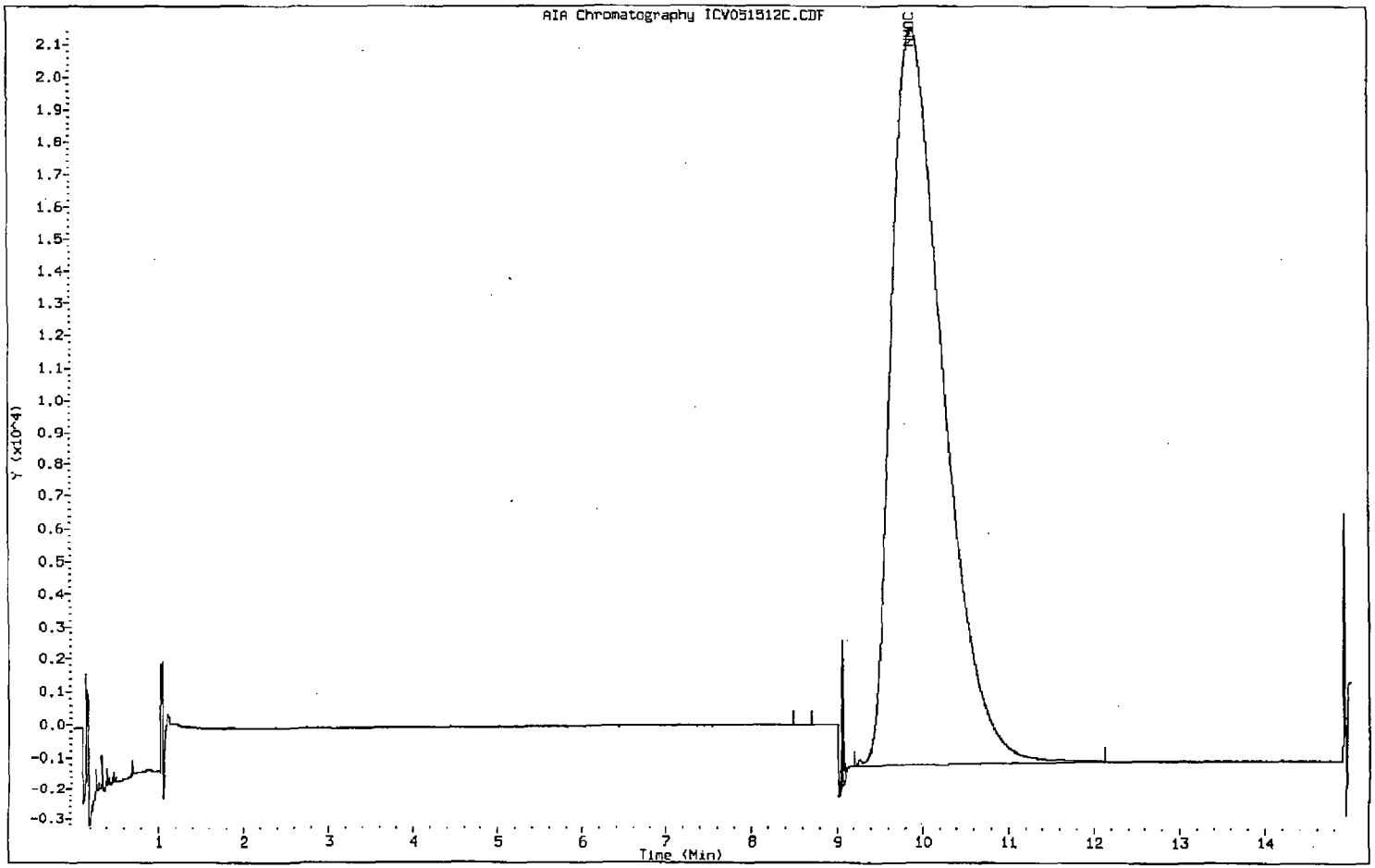
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.880	9.877	0.003	955008	742.270	740(M)

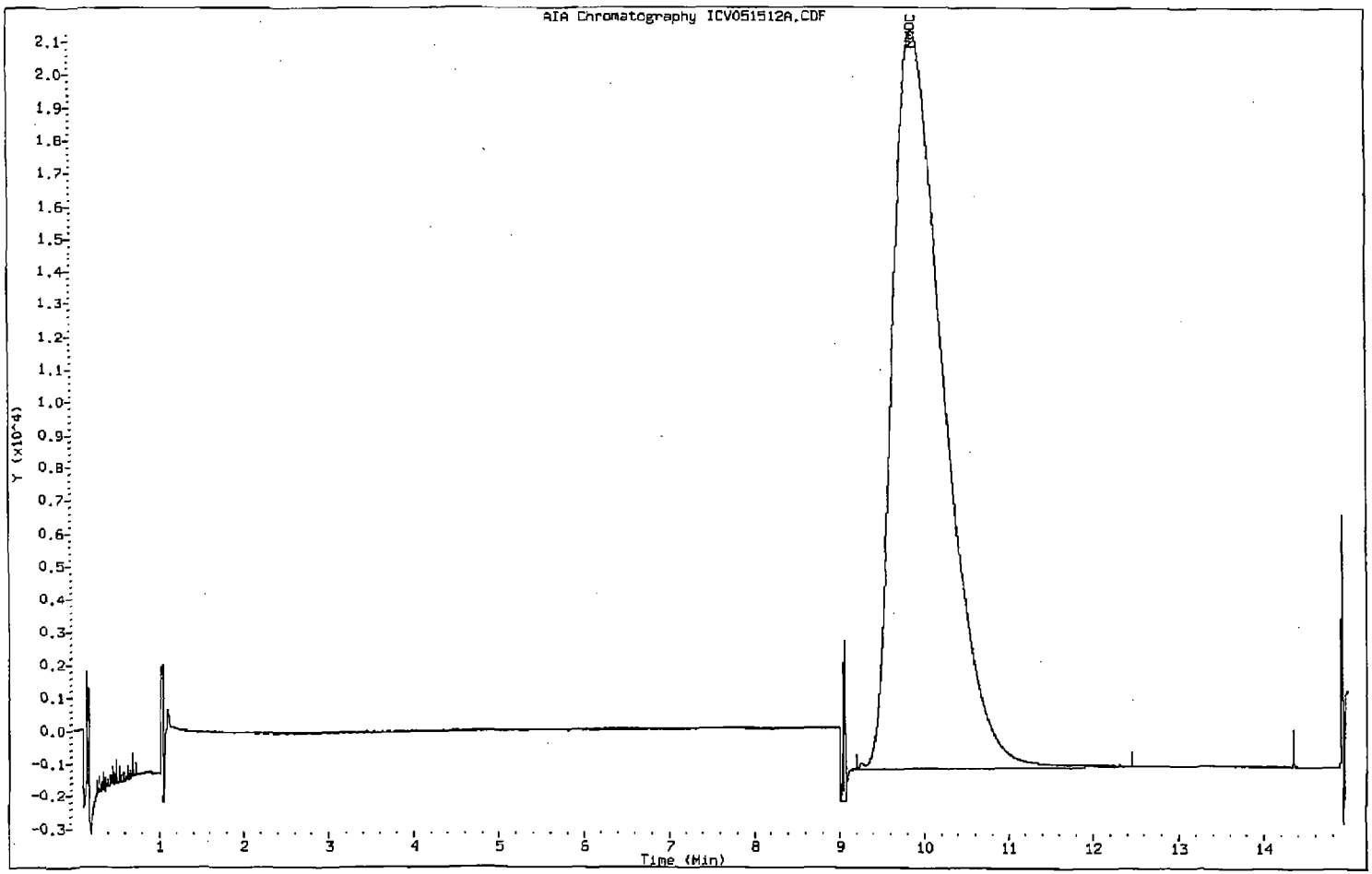
QC Flag Legend

M - Compound response manually integrated.

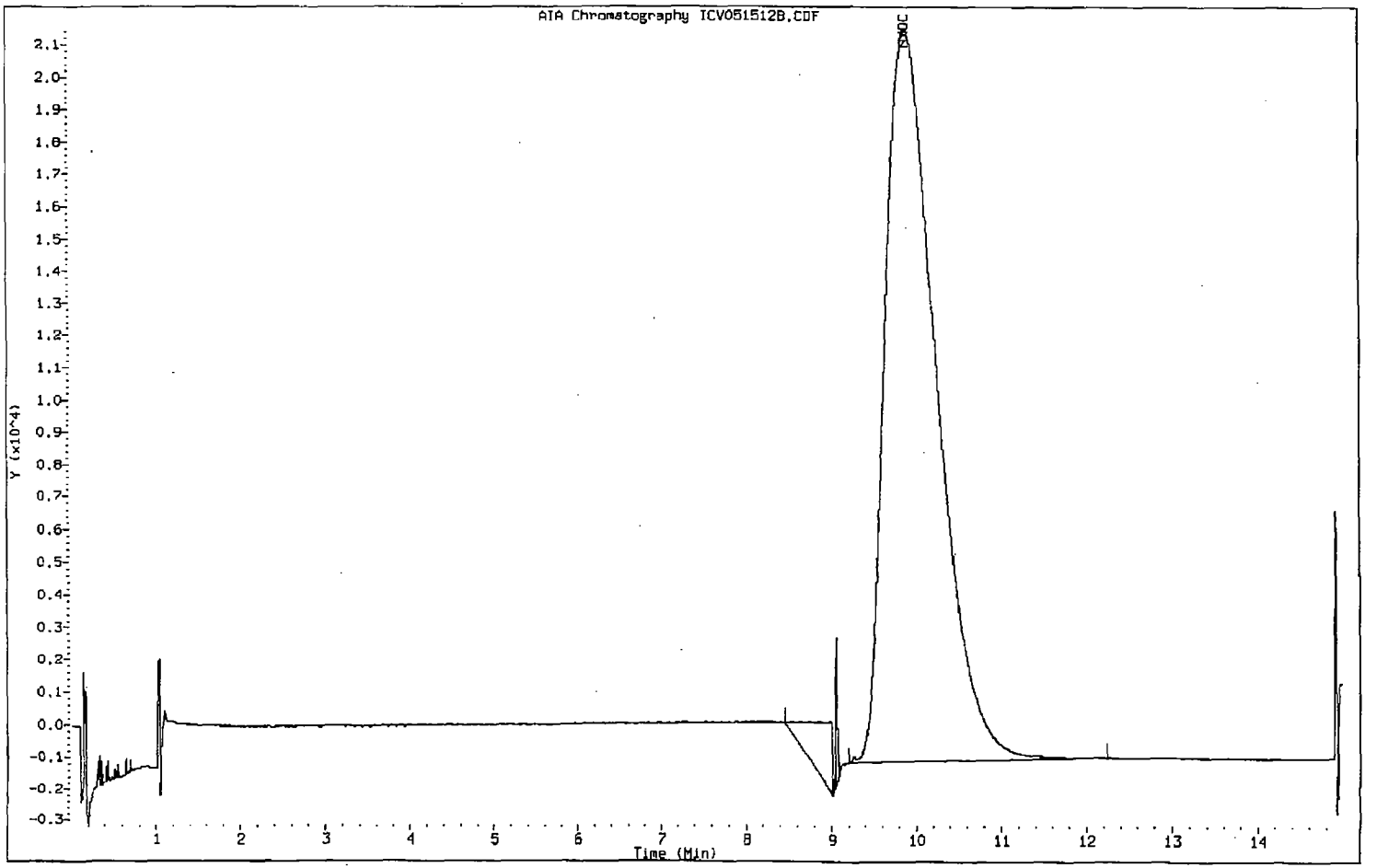
Data File:	ICV051512C.d	Date:	15-MAY-2012 16:28
Client ID:	ICV051412	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICV051412,1		
Lab Sample ID:	ICV051412		



Data File:	ICV051512A.d	Date:	15-MAY-2012 15:53
Client ID:	ICV051412	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICV051412,1		
Lab Sample ID:	ICV051412		



Data File:	ICV051512B.d	Date:	15-MAY-2012 16:10
Client ID:	ICV051412	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	ICV051412,1		
Lab Sample ID:	ICV051412		



Manual Integration Report

Data File: ICV051512A.d
Lab Sample ID: ICV051412
Inj. Date and Time: 15-MAY-2012 15:53
Instrument ID: 0001_2.i
Client ID: ICV051412
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

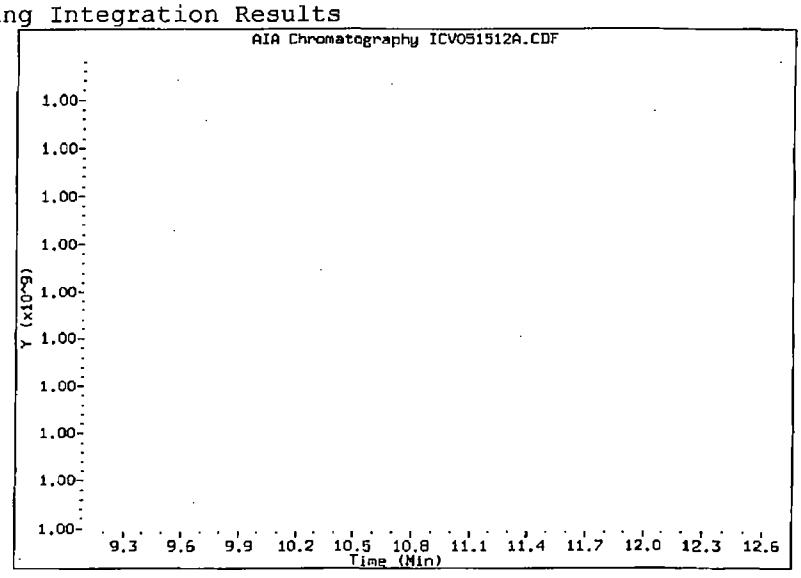
RT: 9.88

Processing Integration Results

Response: 1026959

Amount: 798.19

Conc: 800.00



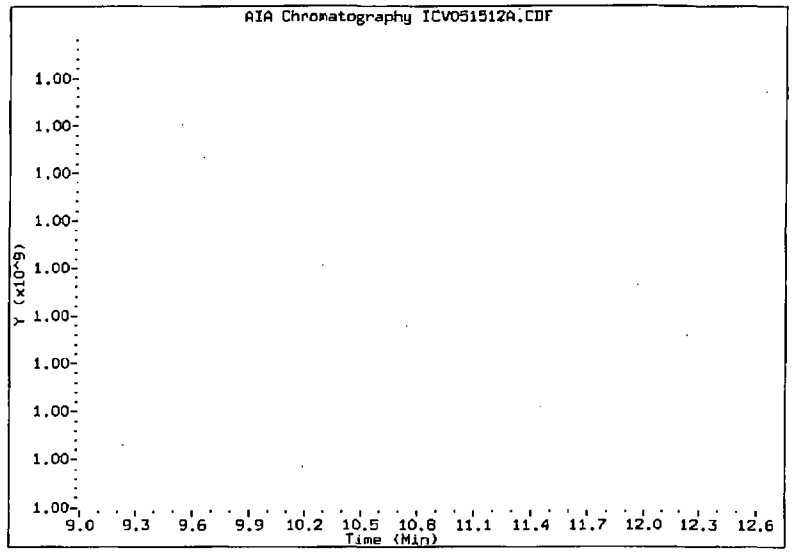
Manual Integration Results

RT: 9.88

Response: 943412

Amount: 733.26

Conc: 730.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: ICV051512B.d
Lab Sample ID: ICV051412
Inj. Date and Time: 15-MAY-2012 16:10
Instrument ID: 0001_2.i
Client ID: ICV051412
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

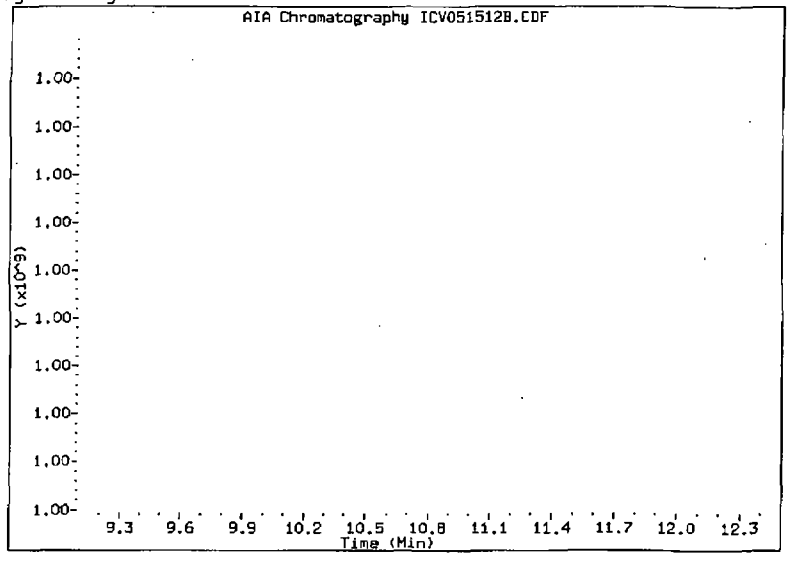
RT: 9.88

Processing Integration Results

Response: 986618

Amount: 766.84

Conc: 770.00



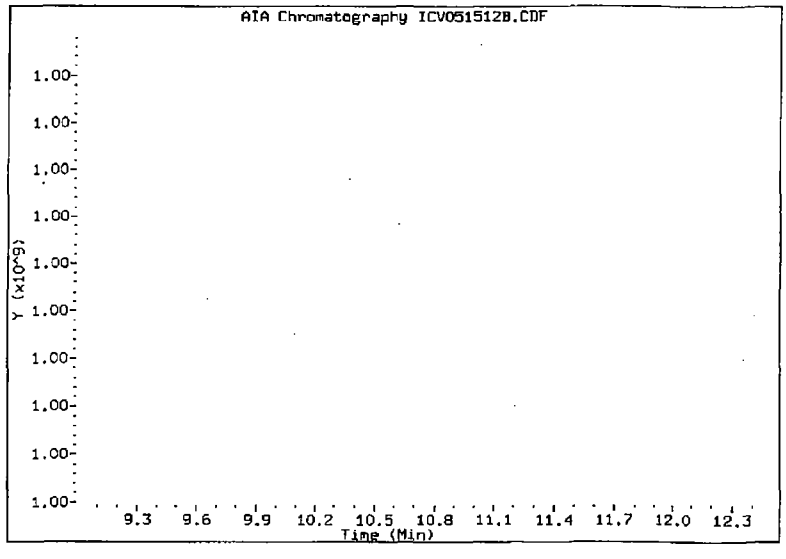
Manual Integration Results

RT: 9.88

Response: 955008

Amount: 742.27

Conc: 740.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

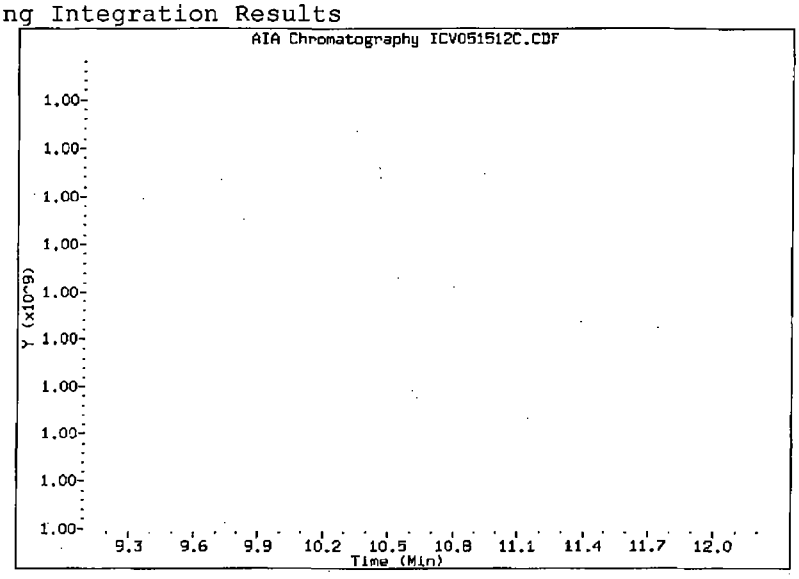
Data File: ICV051512C.d
Lab Sample ID: ICV051412
Inj. Date and Time: 15-MAY-2012 16:28
Instrument ID: 0001_2.i
Client ID: ICV051412
Compound: 1 NMOC
CAS #:
Report Date: 05/16/2012

RT: 9.87 Processing Integration Results

Response: 985656

Amount: 766.09

Conc: 770.00



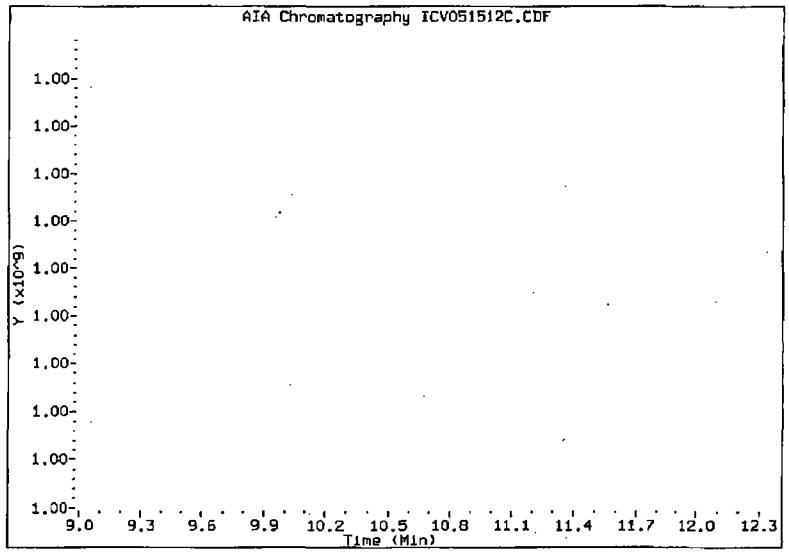
Manual Integration Results

RT: 9.87

Response: 957636

Amount: 744.31

Conc: 740.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab Sample ID: CCV 200-39213/1 Calibration Date: 05/23/2012 09:36

Instrument ID: 0001.i Calib Start Date: 05/15/2012 13:09

GC Column: Carbo/Unibeads ID: 2.00(mm) Calib End Date: 05/15/2012 14:50

Lab File ID: 25CCCV052312A.d-avg Conc. Units: ppm-C Heated Purge: (Y/N) N

EPA Sample No.: 25CCCV052312

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
NMOC as Carbon	Ave	1287	1281		746	750	-0.5	10.0

Processing 3C data for files:
v:\3cccv052312a.txt
v:\3cccv052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1687097	1663902	1675499.5	1.38
Oxygen	1299311	1299350	1299330.5	0
Nitrogen	1781204	1780514	1780859	0.04
Methane	1133020	1122463	1127741.5	0.94

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	4.96	4.9	4.93	1.38
Oxygen	3.47	3.47	3.47	0
Nitrogen	4.65	4.64	4.64	0.04
Methane	3.71	3.67	3.69	0.94

Processing 25C data for files:
w:\25cccv052312a.txt
w:\25cccv052312b.txt
w:\25cccv052312c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	941710	966923	972531	960388	1.71

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	731.93	751.53	755.89	746.45	1.71

NMOC Correction

NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CCCV052312A.d
Lab Smp Id: 25CCCV052312 Client Smp ID: 25CCCV052312
Inj Date : 23-MAY-2012 09:36
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCV052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.877	9.877	0.000	941710	750.000	730 (M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CCCV052312B.d
Lab Smp Id: 25CCCV052312 Client Smp ID: 25CCCV052312
Inj Date : 23-MAY-2012 09:51
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCV052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ppm-C)	AMOUNTS ON-COL (ppm-C)
1 NMOC	9.887	9.877	0.010	966923	750.000	750(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CCCV052312C.d
Lab Smp Id: 25CCCV052312 Client Smp ID: 25CCCV052312
Inj Date : 23-MAY-2012 10:07
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCV052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

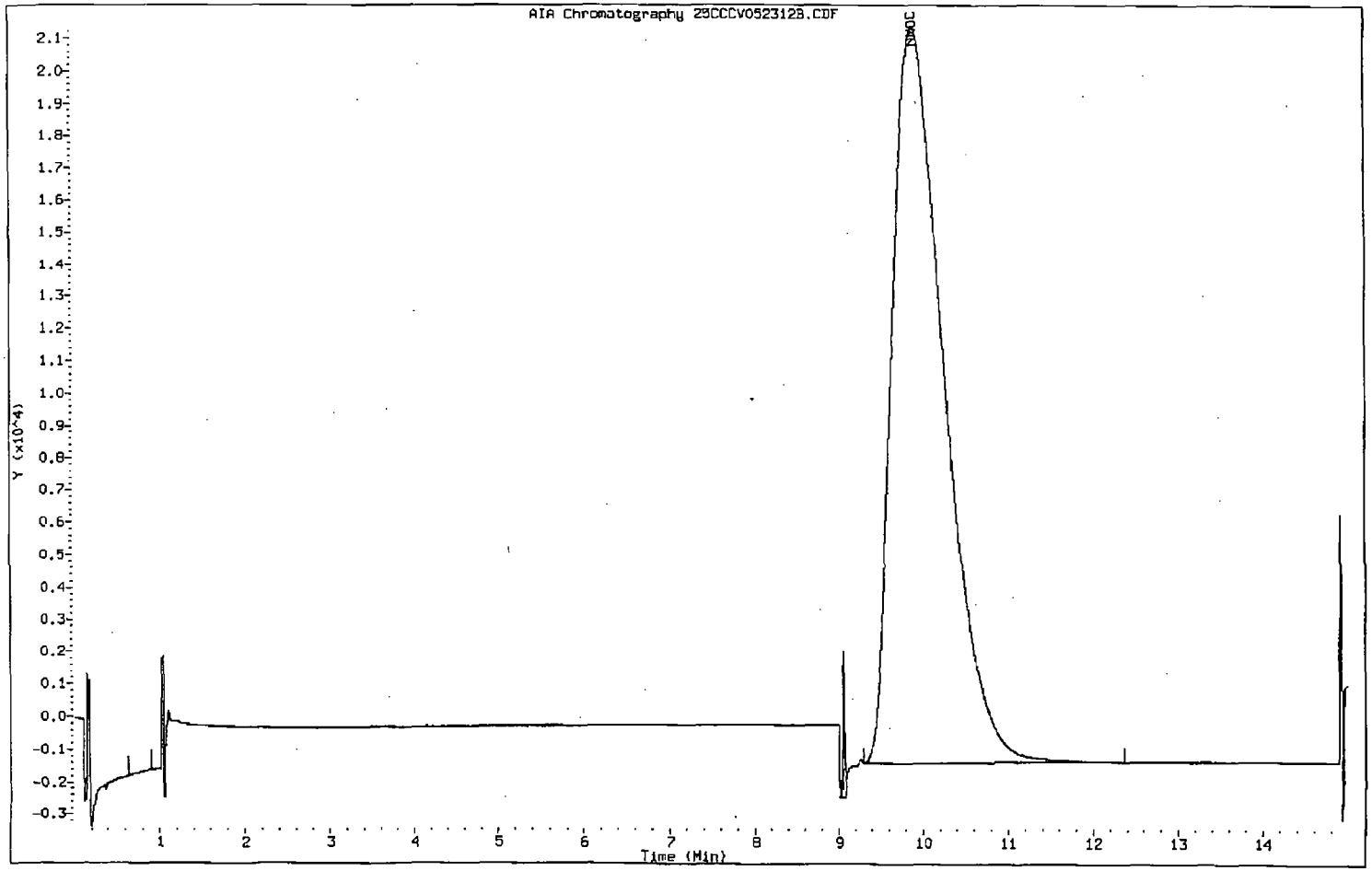
Cpnd Variable Local Compound Variable

					AMOUNTS	
					CAL-AMT	ON-COL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.892	9.877	0.015	972531	750.000	760 (M)

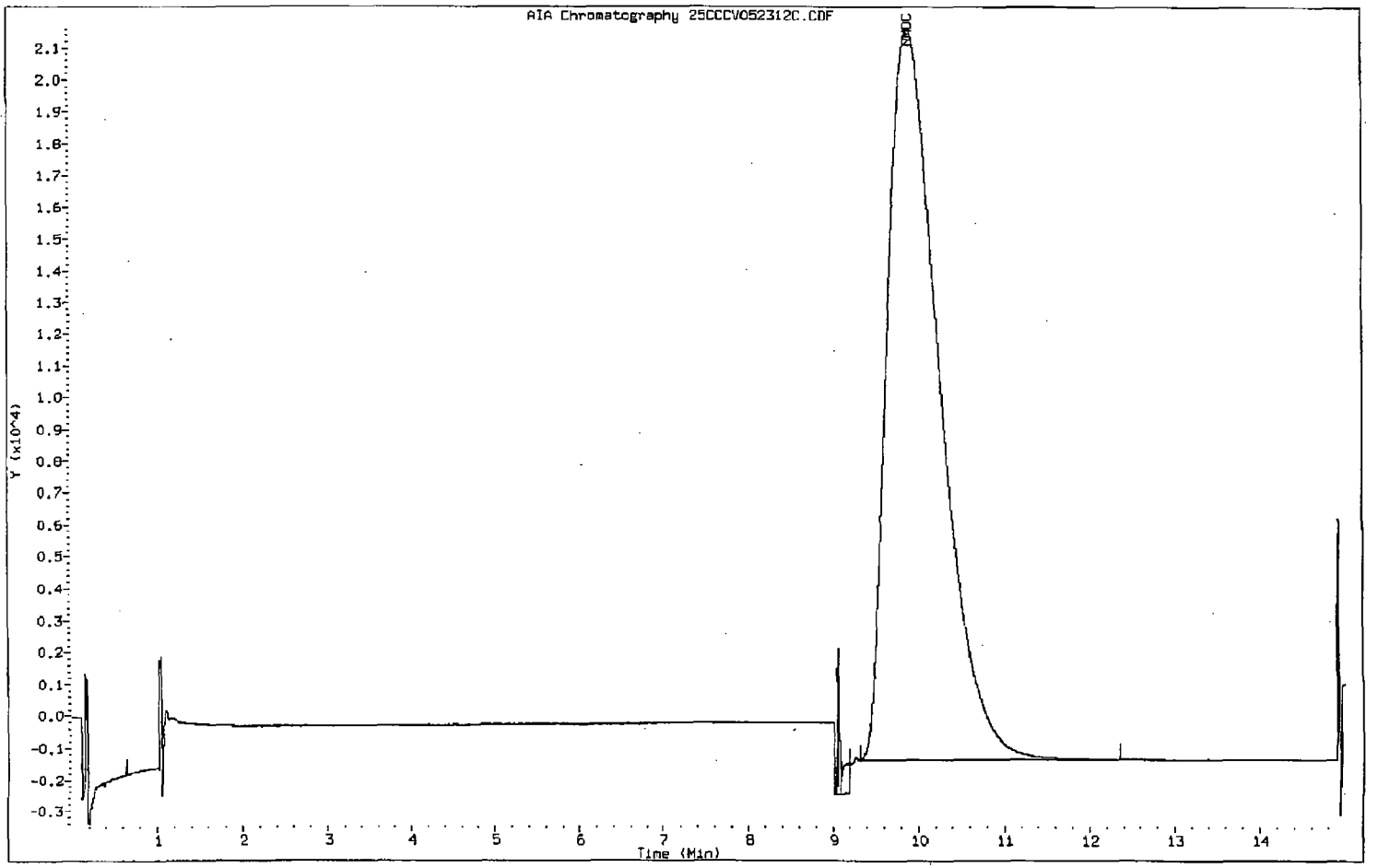
QC Flag Legend

M - Compound response manually integrated.

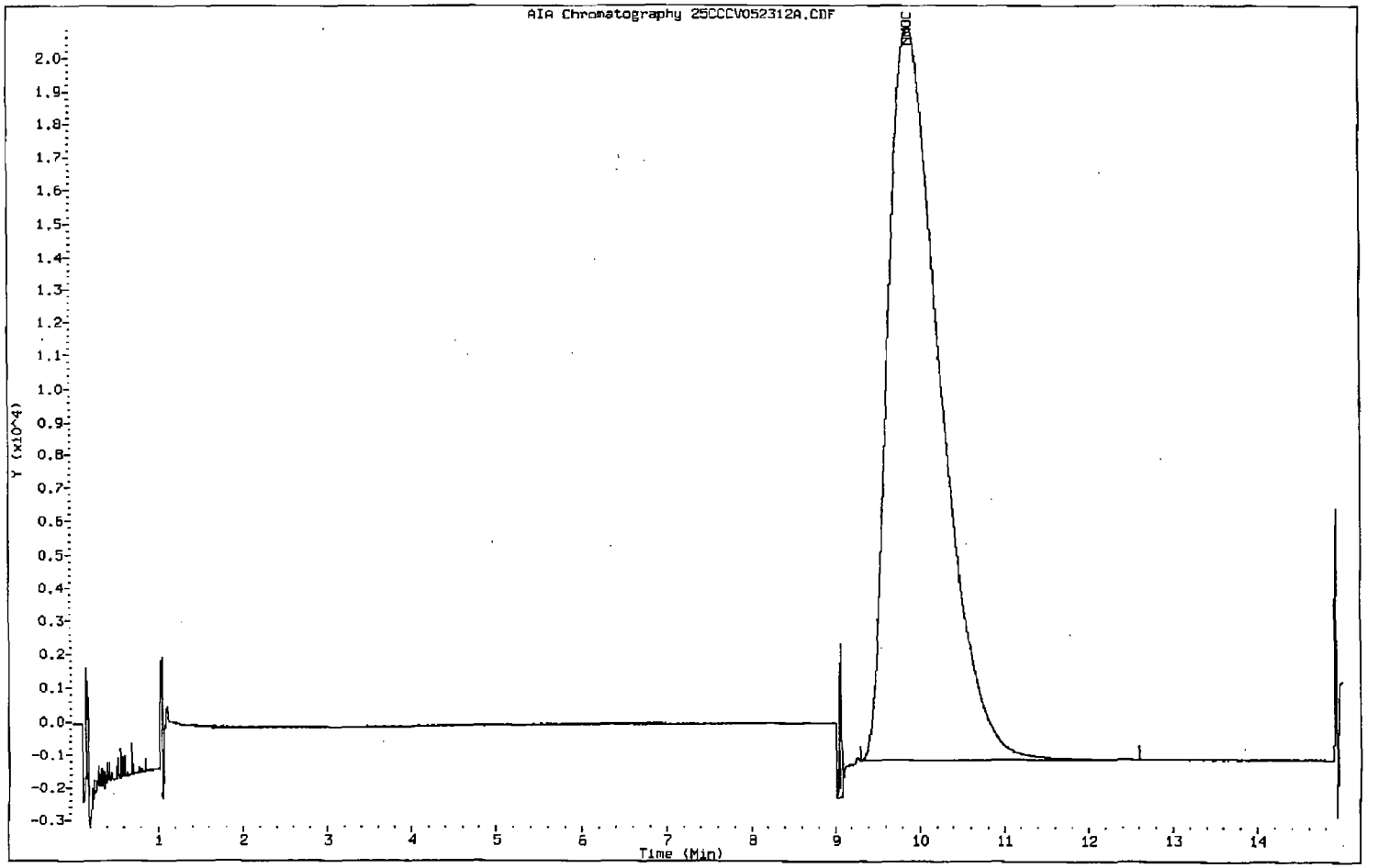
Data File:	25CCCV052312B.d	Date:	23-MAY-2012 09:51
Client ID:	25CCCV052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCV052312,1		
Lab Sample ID:	25CCCV052312		



Data File:	25CCCV052312C.d	Date:	23-MAY-2012 10:07
Client ID:	25CCCV052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCV052312,1		
Lab Sample ID:	25CCCV052312		



Data File:	25CCCV052312A.d	Date:	23-MAY-2012 09:36
Client ID:	25CCCV052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCV052312,1		
Lab Sample ID:	25CCCV052312		



Manual Integration Report

Data File: 25CCCV052312B.d
Lab Sample ID: 25CCCV052312
Inj. Date and Time: 23-MAY-2012 09:51
Instrument ID: 0001_2.i
Client ID: 25CCCV052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

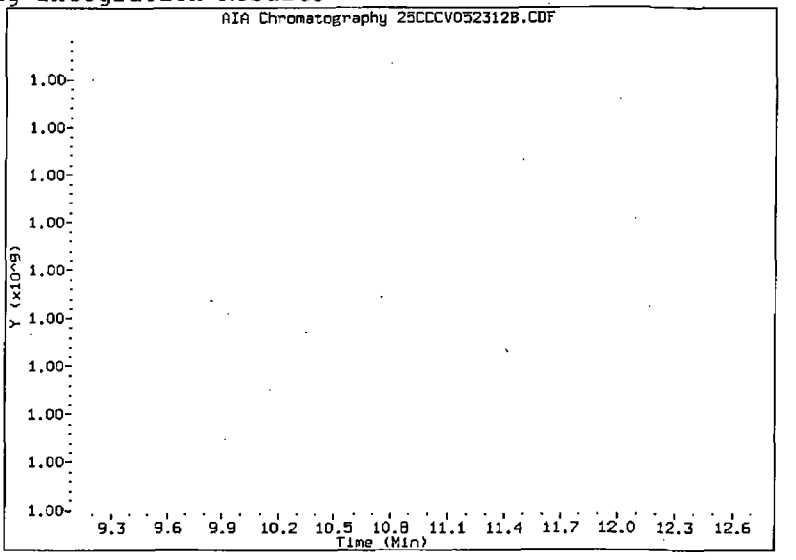
RT: 9.89

Response: 1060673

Amount: 824.40

Conc: 820.00

Processing Integration Results



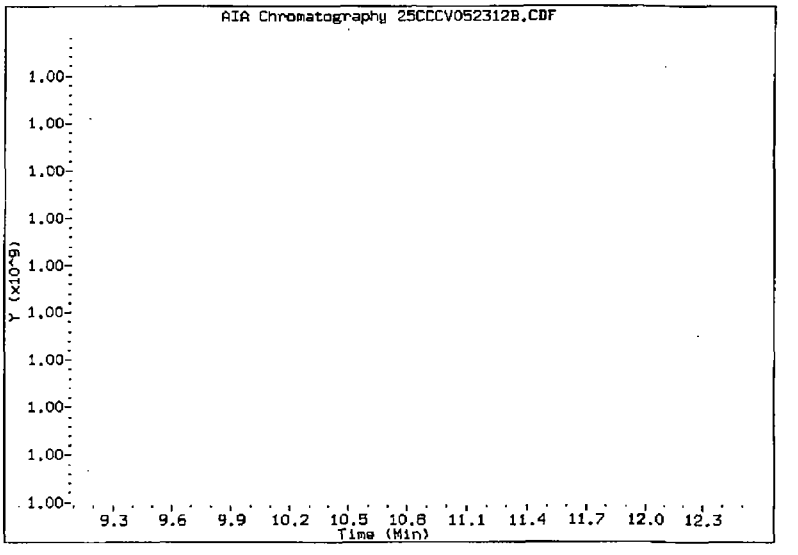
Manual Integration Results

RT: 9.89

Response: 966923

Amount: 751.53

Conc: 750.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 25CCCV052312C.d
Lab Sample ID: 25CCCV052312
Inj. Date and Time: 23-MAY-2012 10:07
Instrument ID: 0001_2.i
Client ID: 25CCCV052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

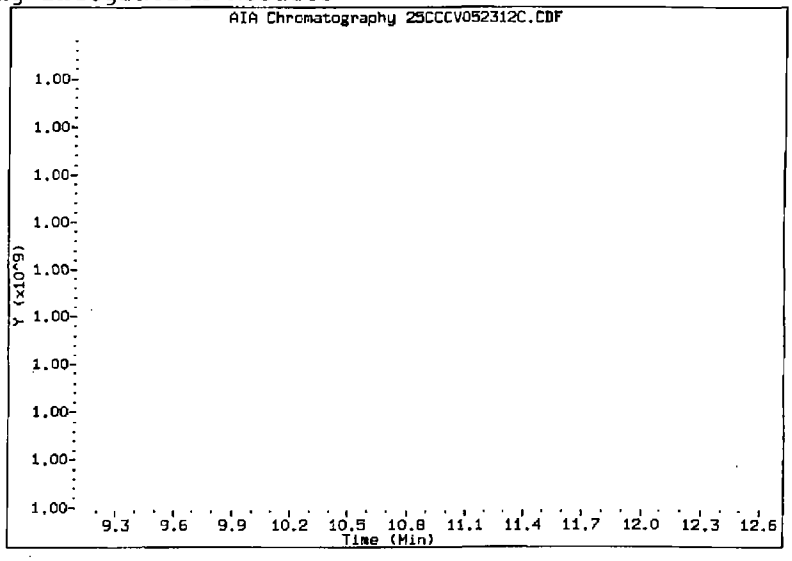
RT: 9.89

Processing Integration Results

Response: 1062879

Amount: 826.11

Conc: 830.00



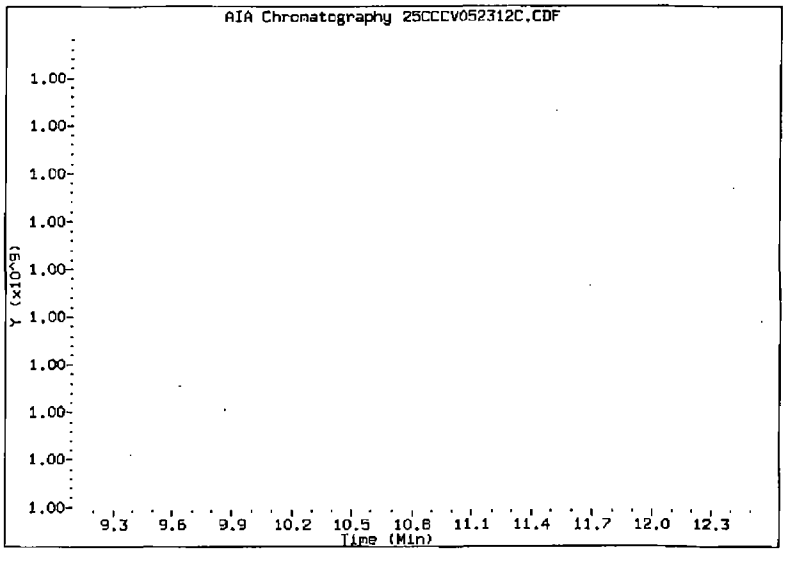
Manual Integration Results

RT: 9.89

Response: 972531

Amount: 755.89

Conc: 760.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

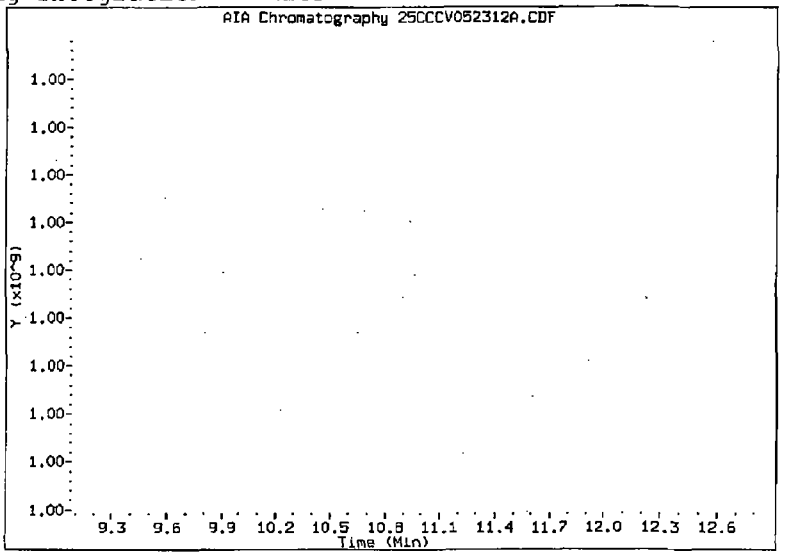
Data File: 25CCCV052312A.d
Lab Sample ID: 25CCCV052312
Inj. Date and Time: 23-MAY-2012 09:36
Instrument ID: 0001_2.i
Client ID: 25CCCV052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

RT: 9.88 Processing Integration Results

Response: 1040568

Amount: 808.77

Conc: 810.00



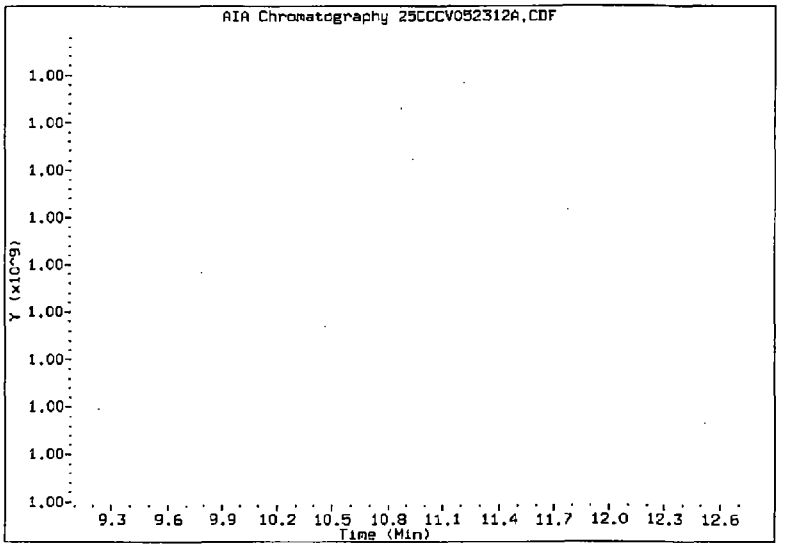
Manual Integration Results

RT: 9.88

Response: 941710

Amount: 731.93

Conc: 730.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM VII
AIR - GC VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Lab Sample ID: CCVC 200-39213/8 Calibration Date: 05/24/2012 07:26

Instrument ID: 0001.i Calib Start Date: 05/15/2012 13:09

GC Column: Carbo/Unibeads ID: 2.00(mm) Calib End Date: 05/15/2012 14:50

Lab File ID: 25CCCVC052312A.d-avg Conc. Units: ppm-C Heated Purge: (Y/N) N

EPA Sample No.: 25CCCVC052312

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
NMOC as Carbon	Ave	1287	1263		736	750	-1.9	10.0

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CCCVC052312A.d
Lab Smp Id: 25CCCVC052312 Client Smp ID: 25CCCVC052312
Inj Date : 24-MAY-2012 07:26
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCVC052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ppm-C)	AMOUNTS ON-COL (ppm-C)
1 NMOC	9.887	9.877	0.010	921738	750.000	720 (M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CCCVC052312C.d
Lab Smp Id: 25CCCVC052312 Client Smp ID: 25CCCVC052312
Inj Date : 24-MAY-2012 07:58
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCVC052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ppm-C)	ON-COL (ppm-C)
1 NMOC	9.900	9.877	0.023	964533	750.000	750(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\3cccvc052312a.txt
v:\3cccvc052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1695737	1681862	1688799.5	0.82
Oxygen	1302562	1312091	1307326.5	0.73
Nitrogen	1784890	1801790	1793340	0.94
Methane	1136466	1142948	1139707	0.57

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	4.99	4.95	4.97	0.82
Oxygen	3.48	3.51	3.49	0.73
Nitrogen	4.66	4.7	4.68	0.94
Methane	3.72	3.74	3.73	0.57

Processing 25C data for files:
w:\25cccvc052312a.txt
w:\25cccvc052312b.txt
w:\25cccvc052312c.txt

Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	921738	954426	964533	946899	2.36

Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	716.41	741.82	749.67	735.97	2.36

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CCCVC052312B.d
Lab Smp Id: 25CCCVC052312 Client Smp ID: 25CCCVC052312
Inj Date : 24-MAY-2012 07:42
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CCCVC052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

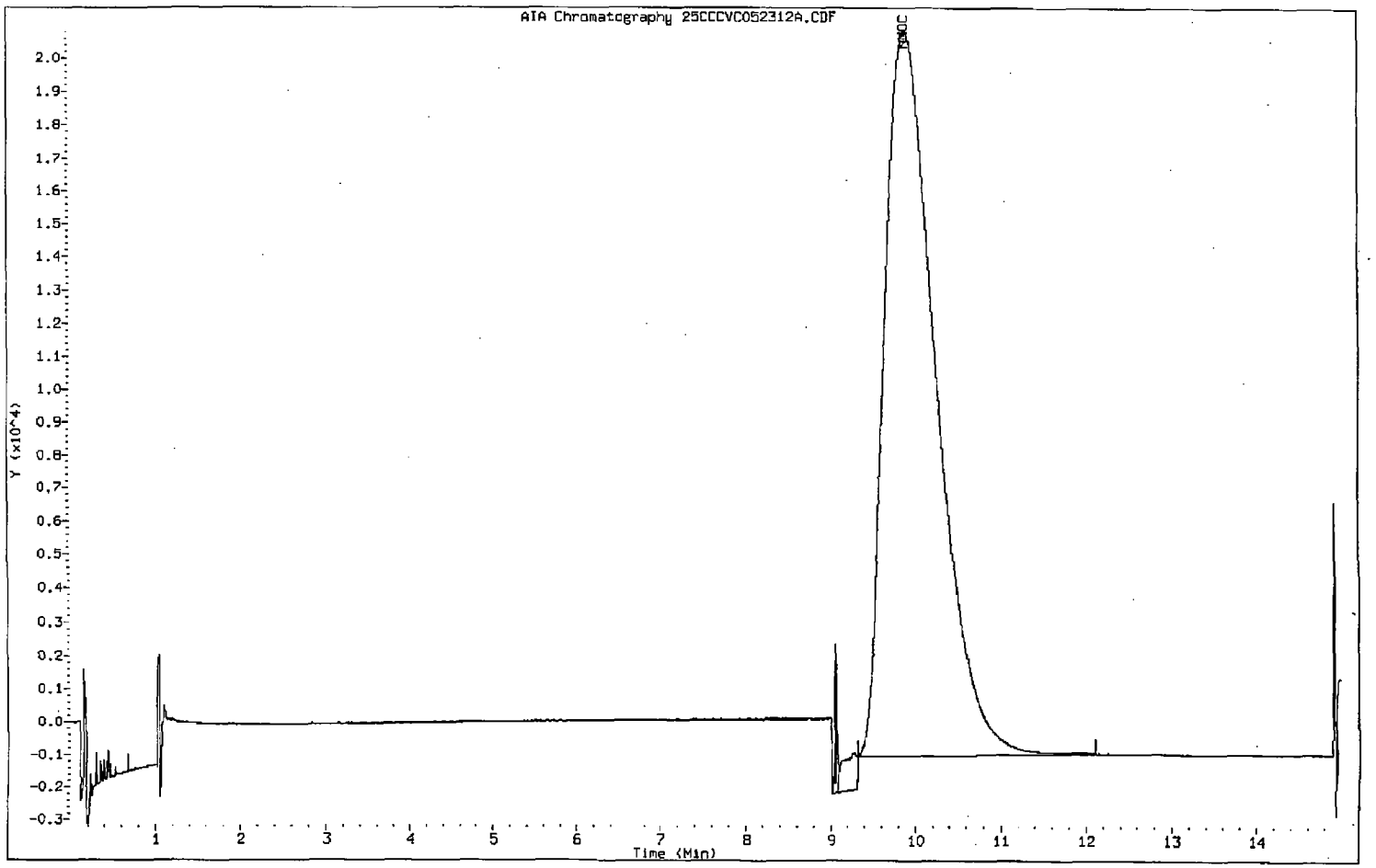
Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ppm-C)	AMOUNTS ON-COL (ppm-C)
1 NMOC	9.892	9.877	0.015	954426	750.000	740(M)

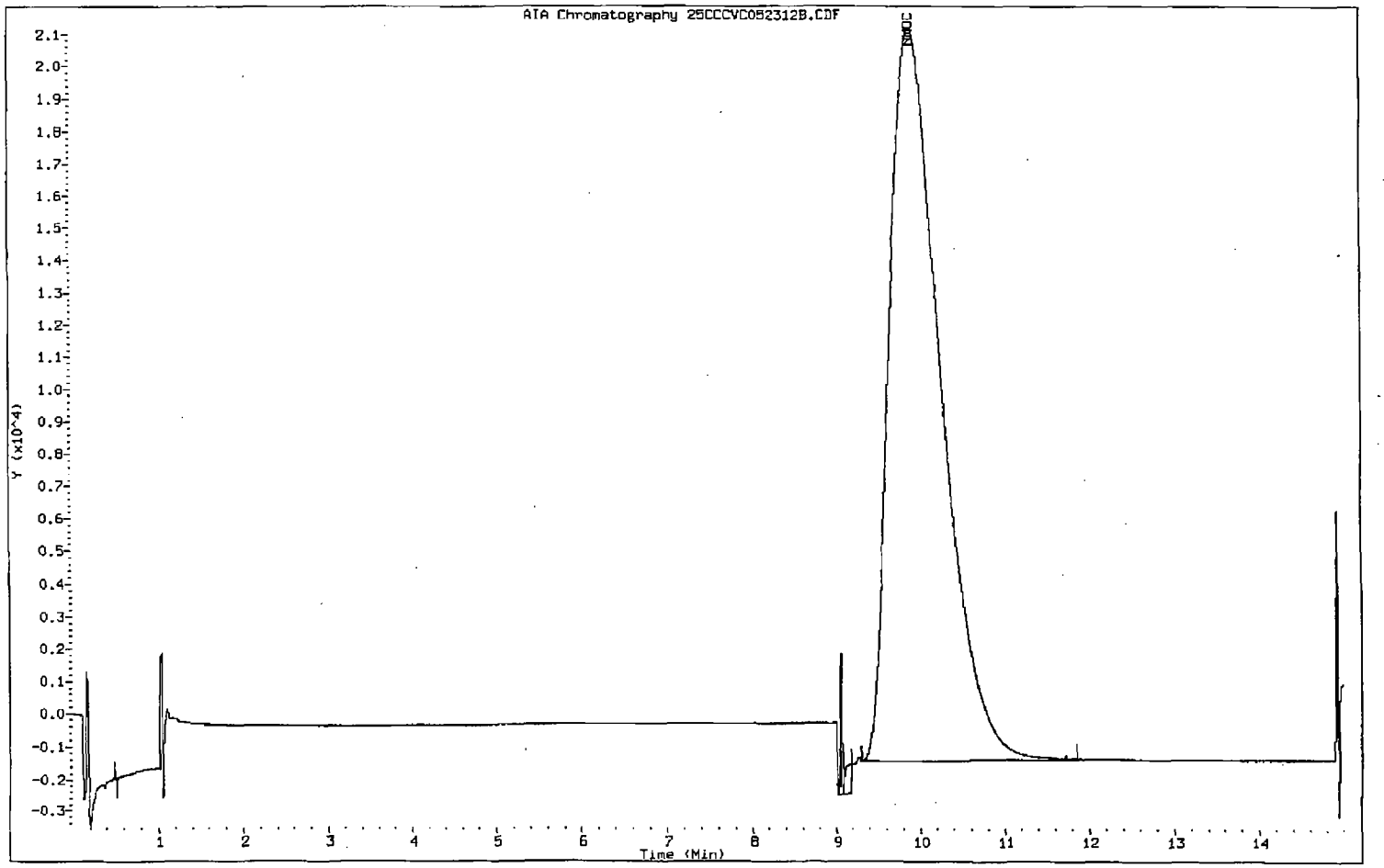
QC Flag Legend

M - Compound response manually integrated.

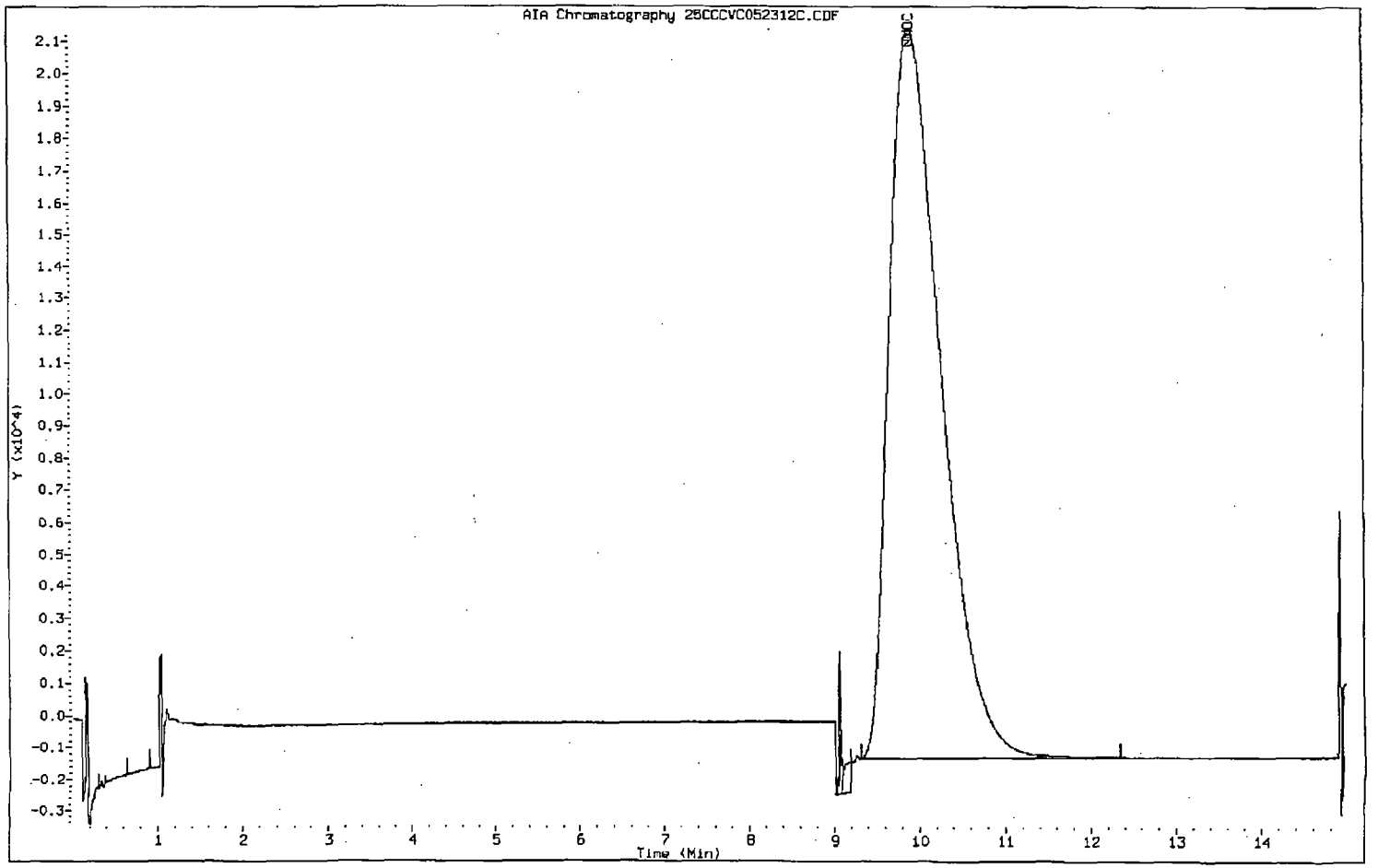
Data File:	25CCCVC052312A.d	Date:	24-MAY-2012 07:26
Client ID:	25CCCVC052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCVC052312,1		
Lab Sample ID:	25CCCVC052312		



Data File:	25CCCVC052312B.d	Date:	24-MAY-2012 07:42
Client ID:	25CCCVC052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCVC052312,1		
Lab Sample ID:	25CCCVC052312		



Data File:	25CCCVC052312C.d	Date:	24-MAY-2012 07:58
Client ID:	25CCCVC052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CCCVC052312,1		
Lab Sample ID:	25CCCVC052312		



Manual Integration Report

Data File: 25CCCVC052312B.d
Lab Sample ID: 25CCCVC052312
Inj. Date and Time: 24-MAY-2012 07:42
Instrument ID: 0001_2.i
Client ID: 25CCCVC052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

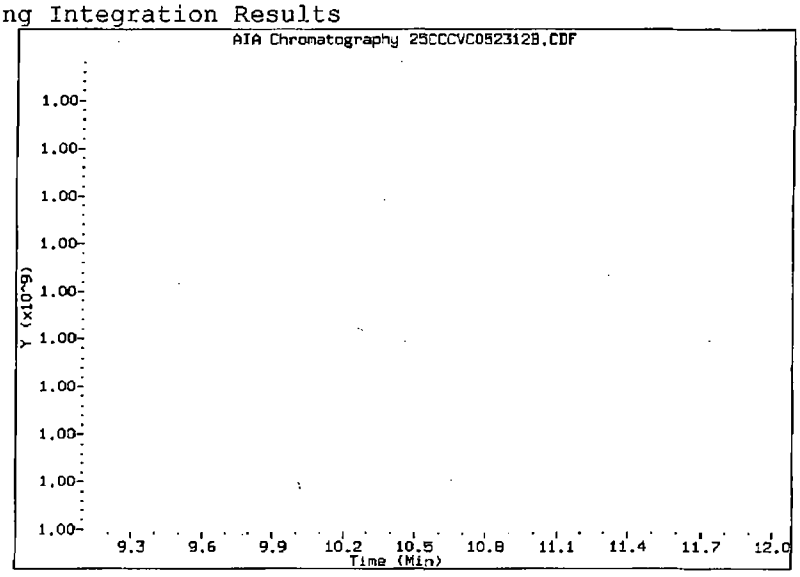
RT: 9.89

Processing Integration Results

Response: 1025331

Amount: 796.93

Conc: 800.00



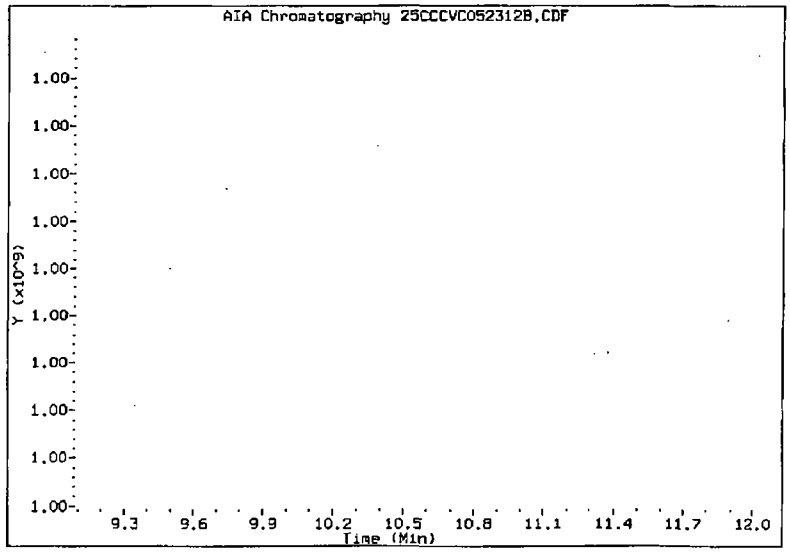
Manual Integration Results

RT: 9.89

Response: 954426

Amount: 741.82

Conc: 740.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 25CCCVC052312C.d
Lab Sample ID: 25CCCVC052312
Inj. Date and Time: 24-MAY-2012 07:58
Instrument ID: 0001_2.i
Client ID: 25CCCVC052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

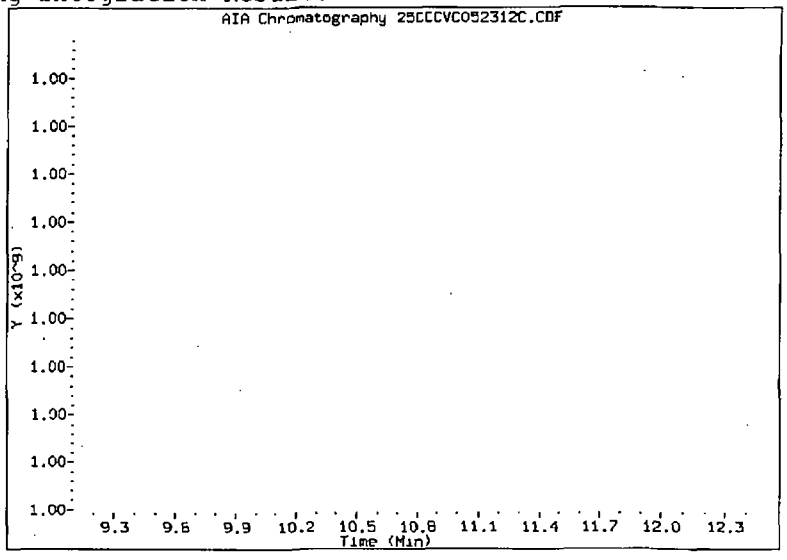
RT: 9.90

Response: 1050501

Amount: 816.49

Conc: 820.00

Processing Integration Results



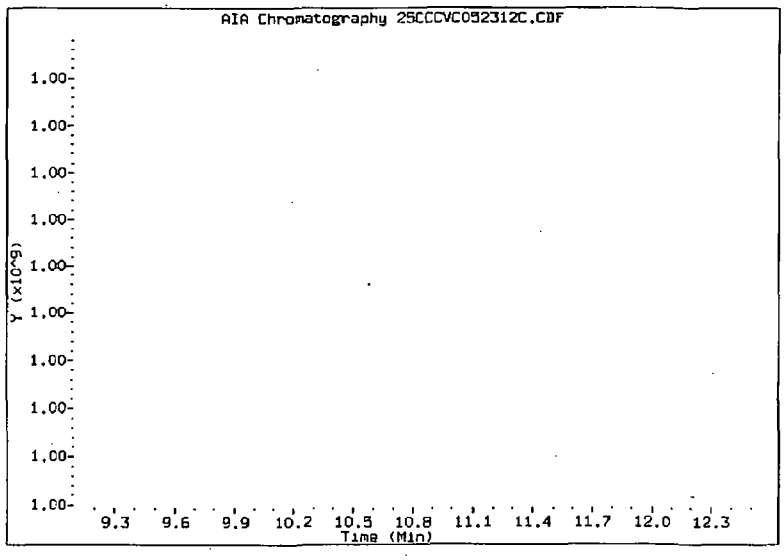
Manual Integration Results

RT: 9.90

Response: 964533

Amount: 749.67

Conc: 750.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 25CCCVC052312A.d
Lab Sample ID: 25CCCVC052312
Inj. Date and Time: 24-MAY-2012 07:26
Instrument ID: 0001_2.i
Client ID: 25CCCVC052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

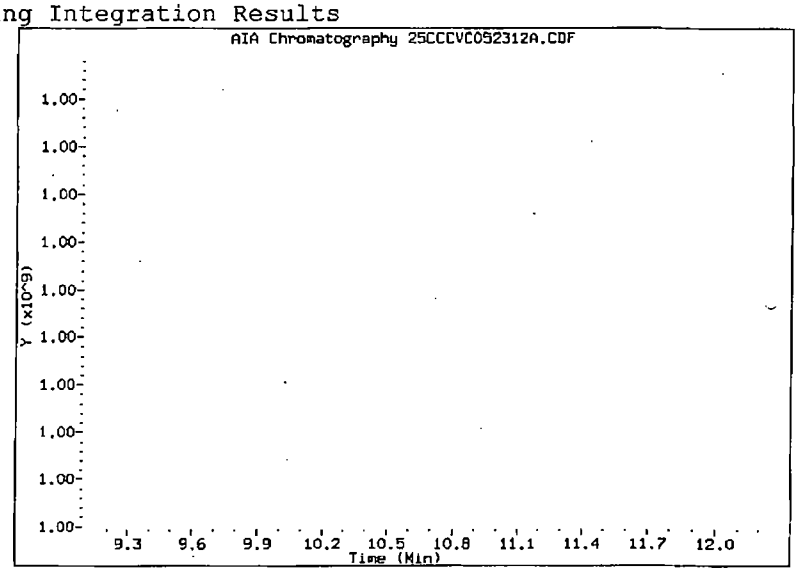
RT: 9.89

Processing Integration Results

Response: 1002610

Amount: 779.27

Conc: 780.00



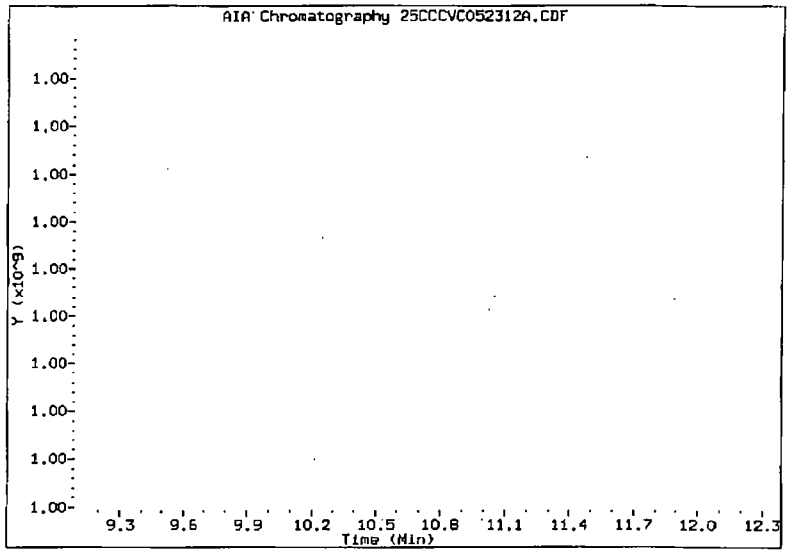
Manual Integration Results

RT: 9.89

Response: 921738

Amount: 716.41

Conc: 720.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: Lab Sample ID: MB 200-39213/3

Matrix: Air Lab File ID: MB052312A.d-avg

Analysis Method: EPA 25C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 11:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39213 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	6.0	U	6.0	6.0

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/MB052312A.d
Lab Smp Id: MB052312 Client Smp ID: MB052312
Inj Date : 23-MAY-2012 11:25
Operator : MRV Inst ID: 0001_2.i
Smp Info : MB052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/MB052312B.d
Lab Smp Id: MB052312 Client Smp ID: MB052312
Inj Date : 23-MAY-2012 11:41
Operator : MRV Inst ID: 0001_2.i
Smp Info : MB052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	Compound Not Detected.					

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/MB052312C.d
Lab Smp Id: MB052312 Client Smp ID: MB052312
Inj Date : 23-MAY-2012 11:56
Operator : MRV Inst ID: 0001_2.i
Smp Info : MB052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	Compound Not Detected.					

Processing 3C data for files:
v:\mb052312a.txt
v:\mb052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	0	0	0	0
Oxygen	0	0	0	0
Nitrogen	0	0	0	0
Methane	0	0	0	0

Processing 25C data for files:
w:\mb052312a.txt
w:\mb052312b.txt
w:\mb052312c.txt

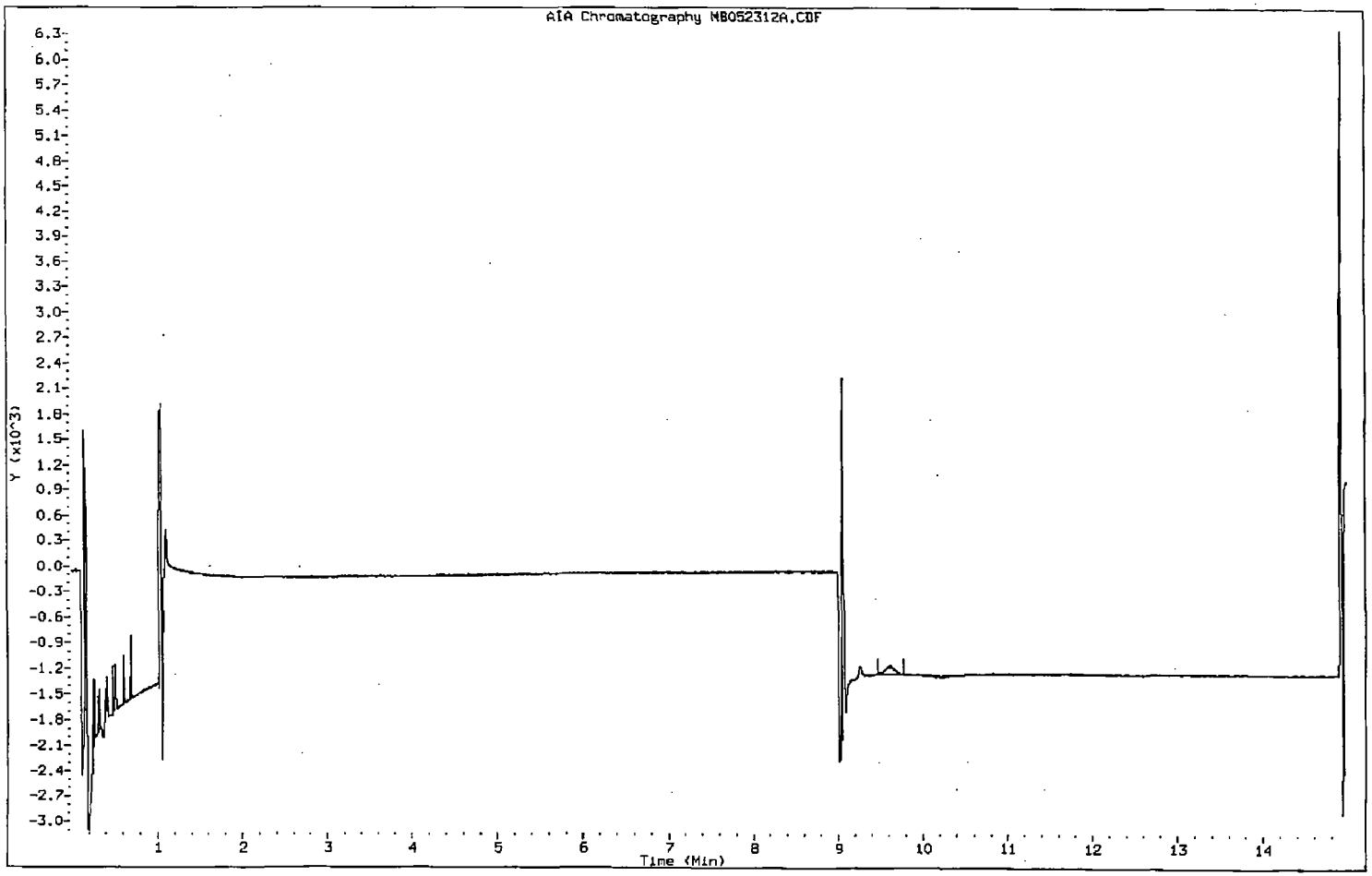
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	0	0	0	0	0

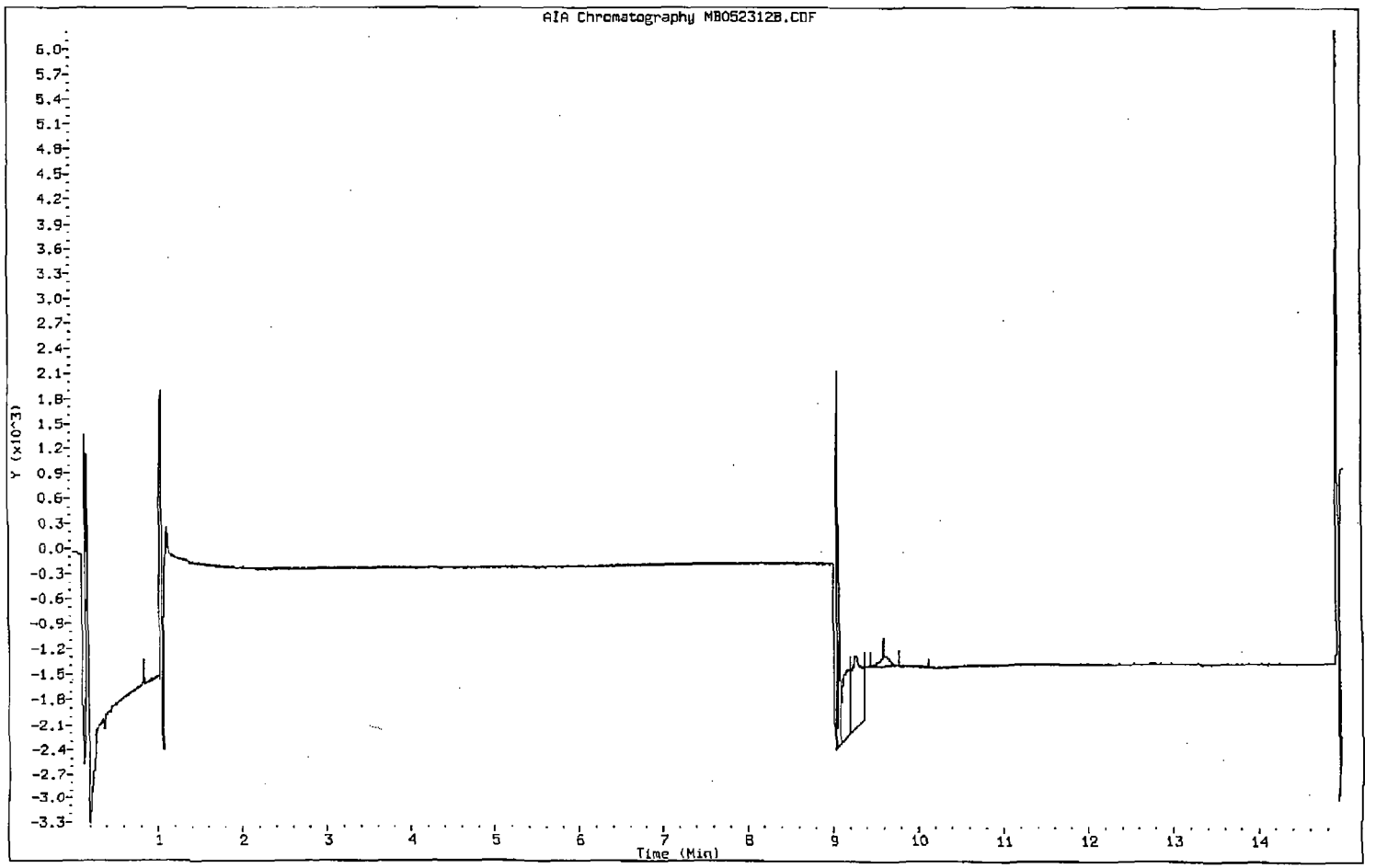
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	0	0	0	0	0

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

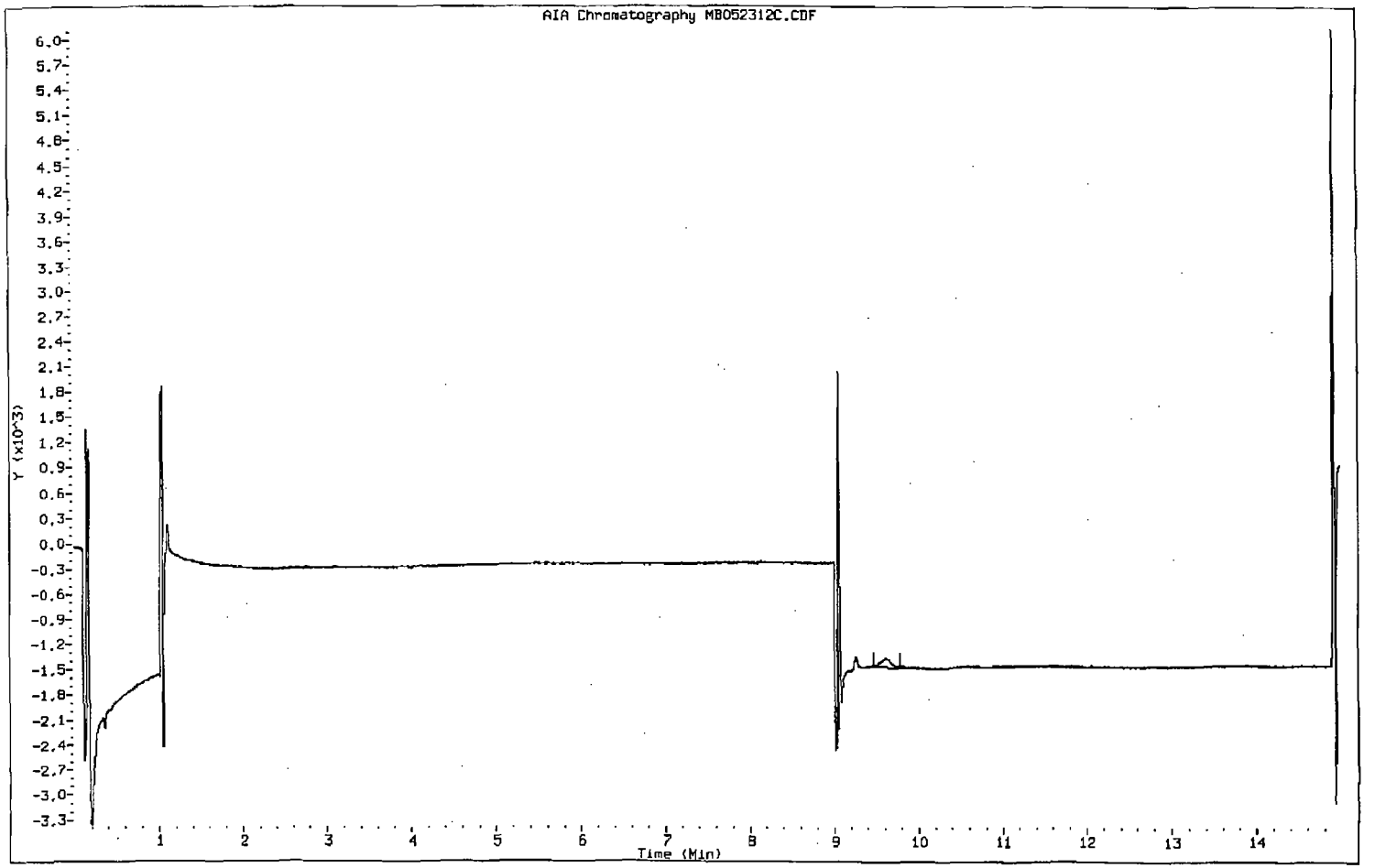
Data File:	MB052312A.d	Date:	23-MAY-2012 11:25
Client ID:	MB052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	MB052312,1		
Lab Sample ID:	MB052312		



Data File:	MB052312B.d	Date:	23-MAY-2012 11:41
Client ID:	MB052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	MB052312,1		
Lab Sample ID:	MB052312		



Data File:	MB052312C.d	Date:	23-MAY-2012 11:56
Client ID:	MB052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	MB052312,1		
Lab Sample ID:	MB052312		



FORM I
AIR - GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Client Sample ID: Lab Sample ID: LCS 200-39213/2

Matrix: Air Lab File ID: 25CLCS052312A.d-avg

Analysis Method: EPA 25C Date Collected:

Sample wt/vol: 2(mL) Date Analyzed: 05/23/2012 10:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Carbo/Unibeads ID: 2(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 39213 Units: ppm-C

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00589	NMOC as Carbon	688		6.0	6.0

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CLCS052312A.d
Lab Smp Id: 25CLCS052312 Client Smp ID: 25CLCS052312
Inj Date : 23-MAY-2012 10:31
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CLCS052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	CONCENTRATIONS FINAL (ppm-C)
1 NMOC	9.880	9.877	0.003	866237	673.274	670(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CLCS052312B.d
Lab Smp Id: 25CLCS052312 Client Smp ID: 25CLCS052312
Inj Date : 23-MAY-2012 10:47
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CLCS052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ppm-C)	(ppm-C)
1 NMOC	9.897	9.877	0.020	891632	693.012	690(M)

QC Flag Legend

M - Compound response manually integrated.

TestAmerica Burlington

Data file : /var/chem/0001_2.i/23MAY12NMOC.b/25CLCS052312C.d
Lab Smp Id: 25CLCS052312 Client Smp ID: 25CLCS052312
Inj Date : 23-MAY-2012 11:03
Operator : MRV Inst ID: 0001_2.i
Smp Info : 25CLCS052312,1
Misc Info : none
Comment :
Method : /var/chem/0001_2.i/23MAY12NMOC.b/NMOC_NBSt.m
Meth Date : 24-May-2012 08:45 mrv Quant Type: ESTD
Cal Date : 15-MAY-2012 15:23 Cal File: IC3051512C.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 3.50
Processing Host: chemsvr5

Concentration Formula: Amt * DF * CpndVariable

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppm-C)	FINAL (ppm-C)
1 NMOC	9.887	9.877	0.010	898261	698.164	700(M)

QC Flag Legend

M - Compound response manually integrated.

Processing 3C data for files:
v:\3clcs052312a.txt
v:\3clcs052312b.txt

Raw Results - Fixed Gases

Analyte	Resp1	Resp2	Avg Resp	RPD
Carbon Dioxide	1686710	1678624	1682667	0.48
Oxygen	1300839	1308869	1304854	0.62
Nitrogen	1783740	1792276	1788008	0.48
Methane	1134301	1136985	1135643	0.24

Analyte	Conc1	Conc2	Avg Conc	RPD
Carbon Dioxide	4.96	4.94	4.95	0.48
Oxygen	3.48	3.5	3.49	0.62
Nitrogen	4.65	4.67	4.66	0.48
Methane	3.71	3.72	3.72	0.24

Processing 25C data for files:
w:\25clcs052312a.txt
w:\25clcs052312b.txt
w:\25clcs052312c.txt

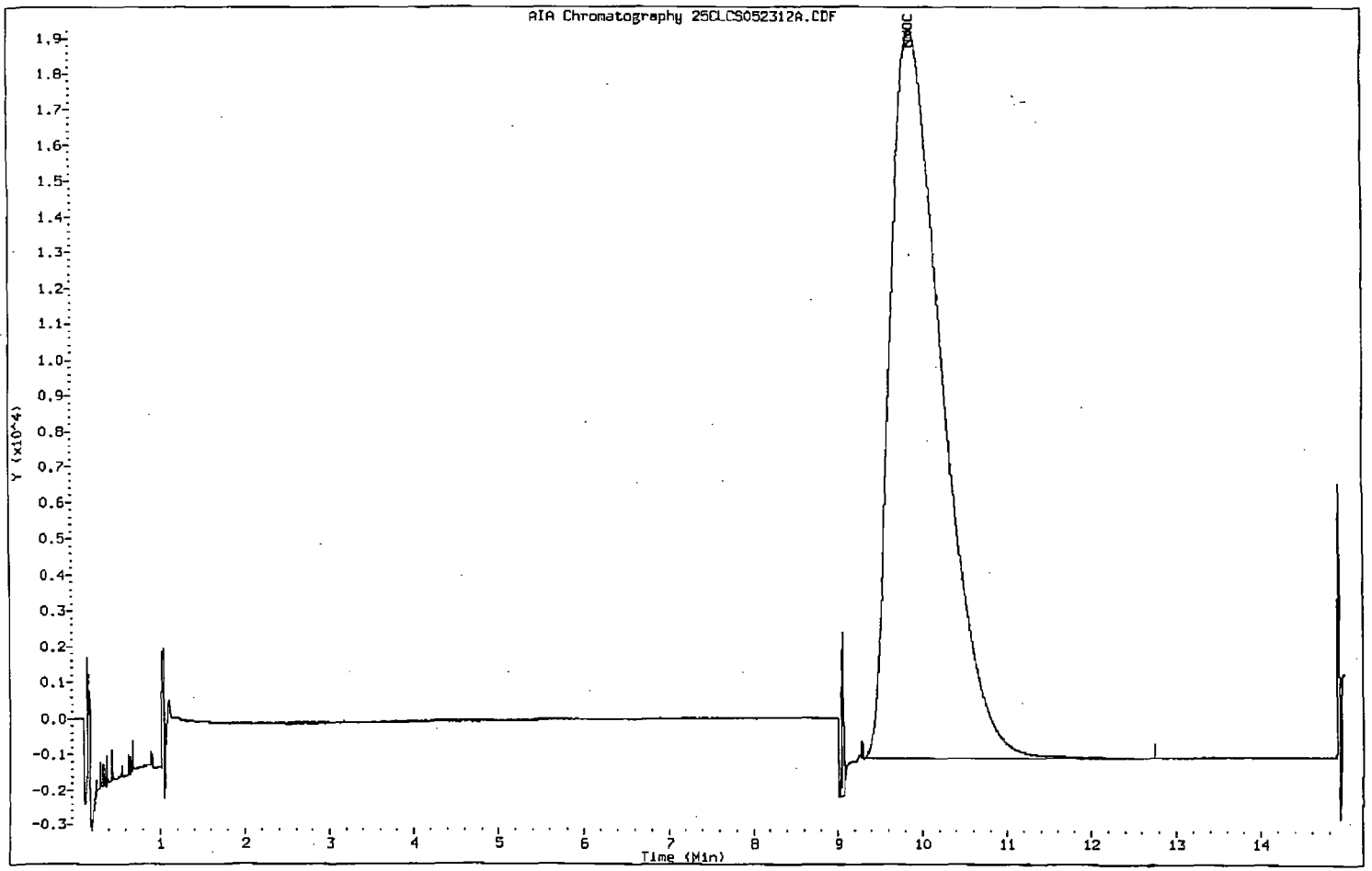
Raw Results - NMOC

Analyte	Resp1	Resp2	Resp3	Avg Resp	RSD
NMOC	866237	891632	898261	885376.67	1.91

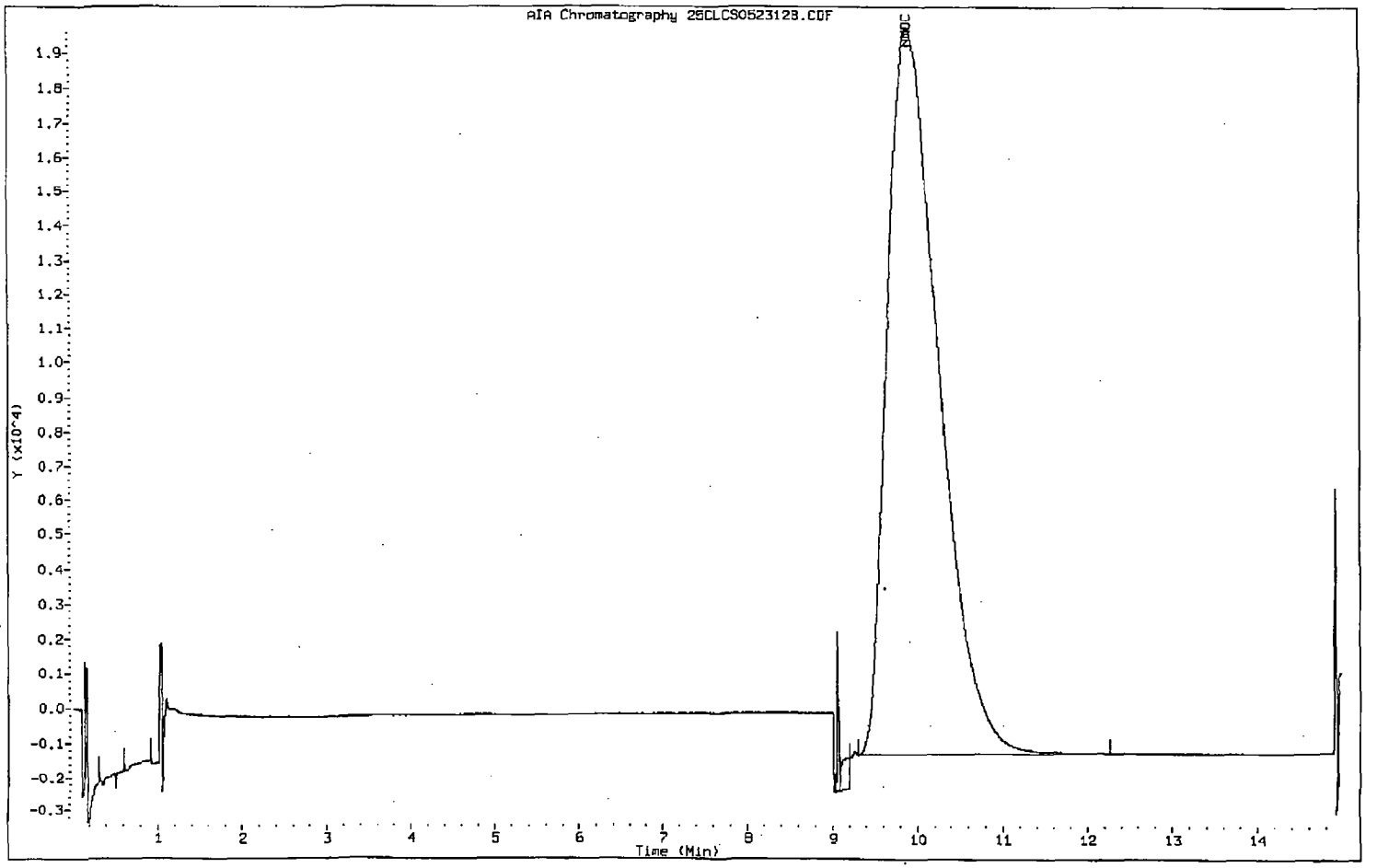
Analyte	Conc1	Conc2	Conc3	Avg Conc	RSD
NMOC	673.27	693.01	698.16	688.15	1.91

---------- NMOC Correction----------
NMOC correction not requested, NMOC correction not applied

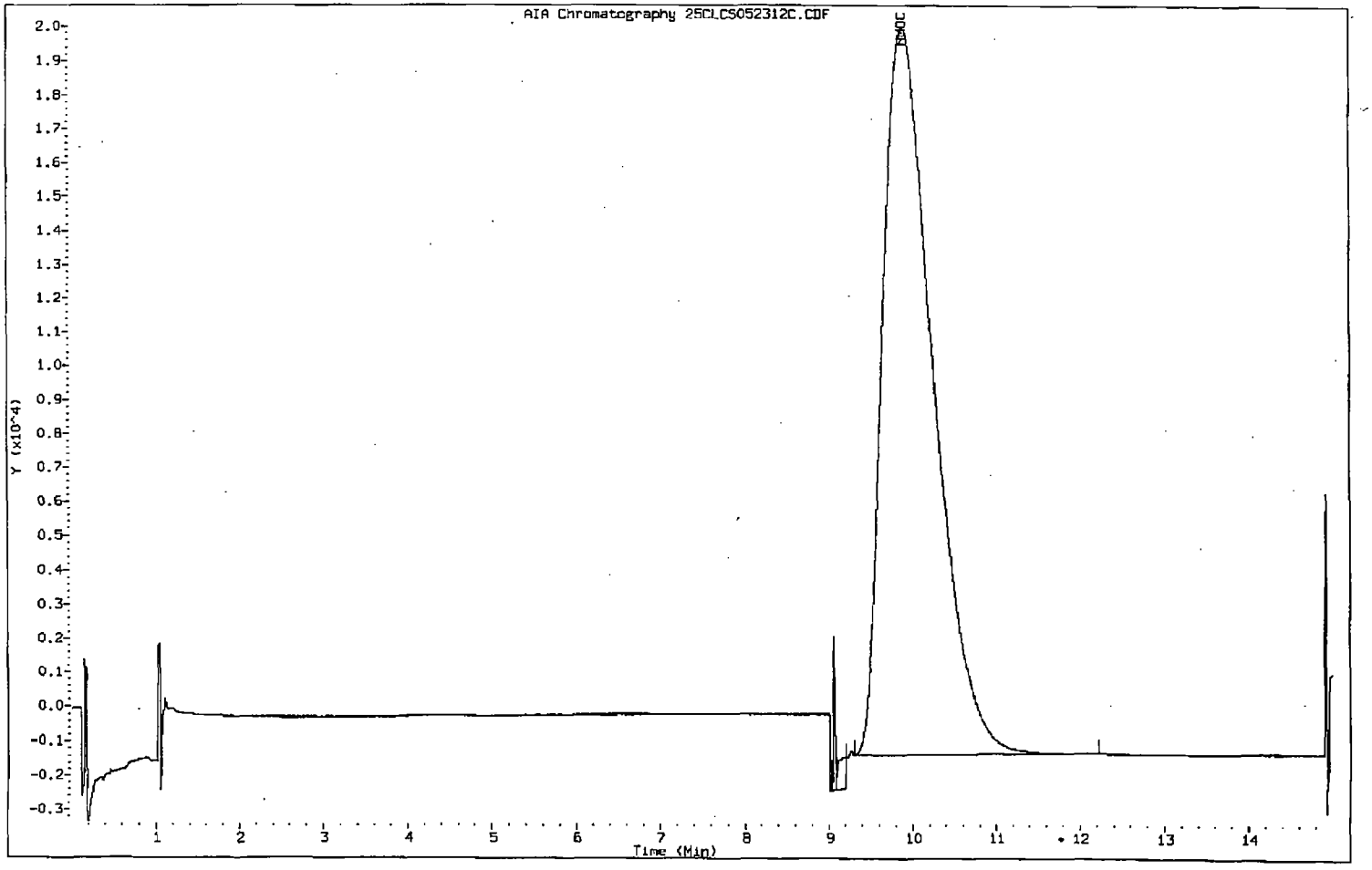
Data File:	25CLCS052312A.d	Date:	23-MAY-2012 10:31
Client ID:	25CLCS052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CLCS052312,1		
Lab Sample ID:	25CLCS052312		



Data File:	25CLCS052312B.d	Date:	23-MAY-2012 10:47
Client ID:	25CLCS052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CLCS052312,1		
Lab Sample ID:	25CLCS052312		



Data File:	25CLCS052312C.d	Date:	23-MAY-2012 11:03
Client ID:	25CLCS052312	Instrument:	0001_2.i
Operator:	MRV	Inj Vol:	2.0
Column Type:	Carbo/Unibeads	Diameter:	2.00
Stationary Phase:	Carbo/Unibeads		
Sample Info:	25CLCS052312,1		
Lab Sample ID:	25CLCS052312		



Manual Integration Report

Data File: 25CLCS052312A.d
Lab Sample ID: 25CLCS052312
Inj. Date and Time: 23-MAY-2012 10:31
Instrument ID: 0001_2.i
Client ID: 25CLCS052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

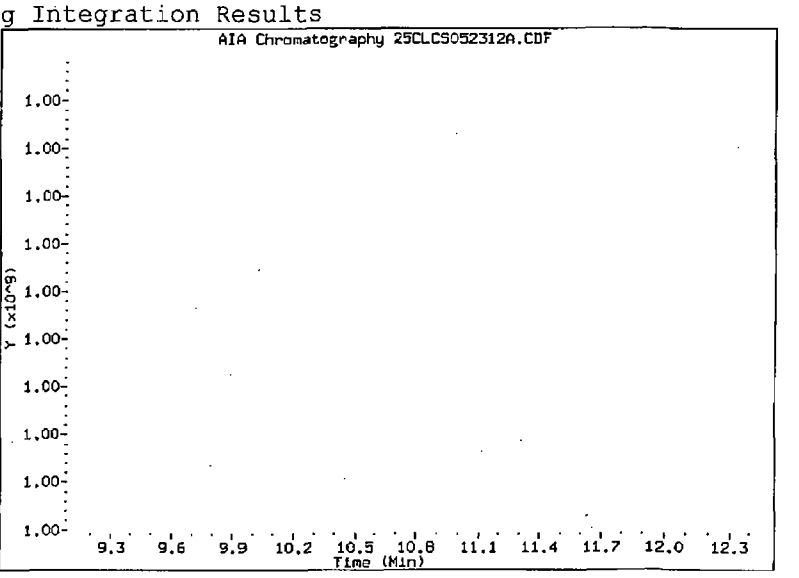
RT: 9.88

Processing Integration Results

Response: 949541

Amount: 738.02

Conc: 740.00



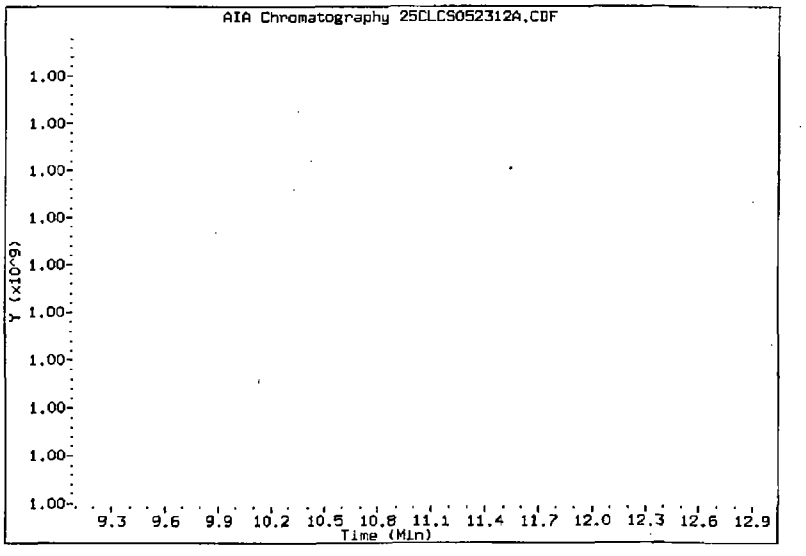
Manual Integration Results

RT: 9.88

Response: 866237

Amount: 673.27

Conc: 670.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

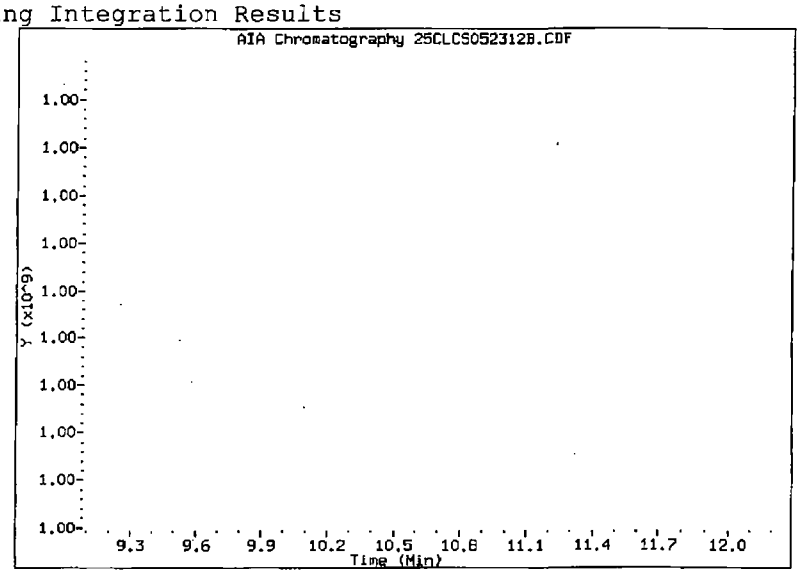
Data File: 25CLCS052312B.d
Lab Sample ID: 25CLCS052312
Inj. Date and Time: 23-MAY-2012 10:47
Instrument ID: 0001_2.i
Client ID: 25CLCS052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

RT: 9.90 Processing Integration Results

Response: 967703

Amount: 752.14

Conc: 750.00



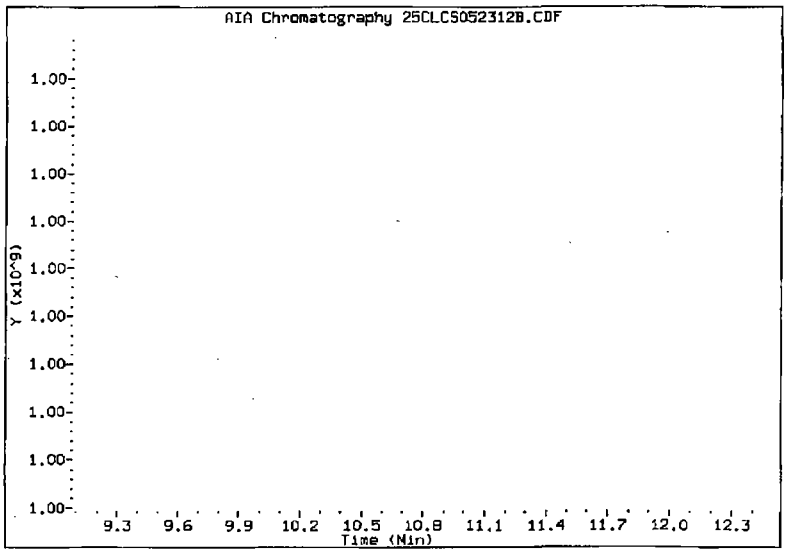
Manual Integration Results

RT: 9.90

Response: 891632

Amount: 693.01

Conc: 690.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

Manual Integration Report

Data File: 25CLCS052312C.d
Lab Sample ID: 25CLCS052312
Inj. Date and Time: 23-MAY-2012 11:03
Instrument ID: 0001_2.i
Client ID: 25CLCS052312
Compound: 1 NMOC
CAS #:
Report Date: 05/24/2012

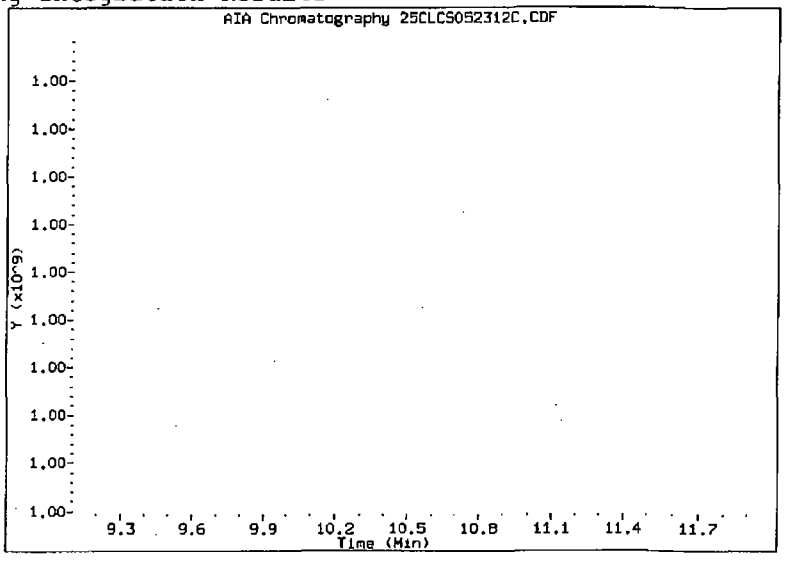
RT: 9.89

Processing Integration Results

Response: 965524

Amount: 750.44

Conc: 750.00



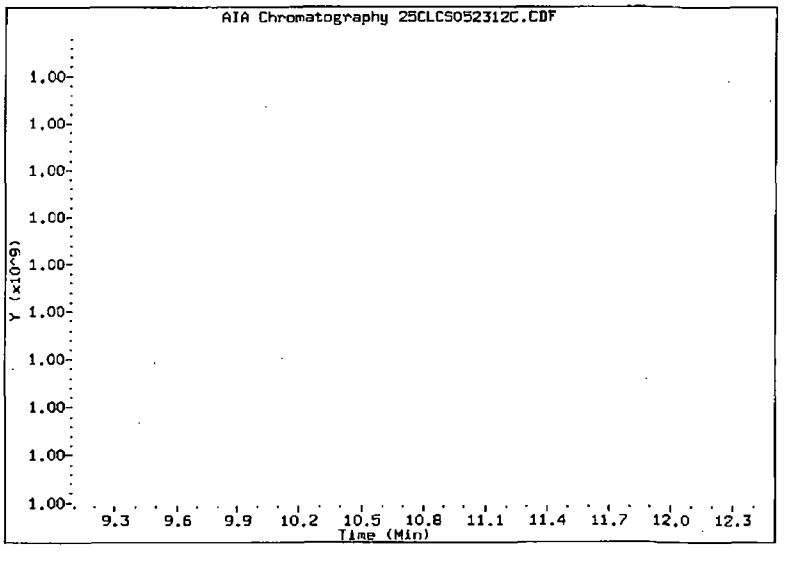
Manual Integration Results

RT: 9.89

Response: 898261

Amount: 698.16

Conc: 700.00



File Uploaded By: mrv
Manual Integration Reason: Baseline event

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	15MAY12NMOC	15MAY12-NMOC	05/15/12	1309	05/16/12	1309	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C							CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	Concentration M	Concentration R	Analyst	Comments / Standard Traceability
1217	IBLK05152 A				16	NA		✓		MDV	
1235	" B				"	"		✓		"	
1252	" C				"	"		✓		"	
1309	ICV05152 A				4	"		✓		"	335817
1325	" B				"	"		✓		"	"
1341	" C				"	"		✓		"	"
1359	ICRT05152 A				5	"		✓		"	335805
1415	" B				"	"		✓		"	"
1432	" C				"	"		✓		"	"
1450	ICV05152 A				16	"		✓		"	335808
1506	" B				"	"		✓		"	"
1523	" C				"	"		✓		"	"
1553	ICV05152 A				7	"		✓		"	335809
1610	" B				"	"		✓		"	"
1628	" C				"	"		✓		"	"
											MDV 5/16/12

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	15MAY12NMOC	23MAY12NMOC	05/23/12	0936	05/24/12	0936	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	06SEP11 3C	23MAY12 3C	05/23/12	0818	05/24/12	0818	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0818	3CCCV052312A				2	NA			✓	MRW	220428
0834	1 B				1				✓		1
0857	3CLCS052312A				2				✓		220426
0913	1 B				1				✓		1
0936	25CCCV052312A				9			✓			~~335806~~ 335805
0951	1 B				1			✓			MRW 5/25/12
1007	1 C				1			✓			1
1039	25CLCS052312A				10			✓			335809
1047	1 B				1			✓			1
1103	1 C				1			✓			
1125	MB052312 A				16			✓	✓		
1141	1 B				1			✓	✓		
1156	1 C				1			✓	—		
1223	200-10846-A-1	D OHSL-TIERCII-C2012		5043	5	1.68		✓	✓		use D,E for 3C
1239	1	E 1		1	1	1		✓	✓		1
1255	1	F 1		1	1	1		✓	—		1
1310	200-10847-A-1	D VLF#1 051512		5087	6	1.70		✓	✓		Use D,E for 3C
1326	1	E 1		1	1	1		✓	✓		1
1342	1	F 1		1	1	1		✓	—		1
1358	A-2	D VLF#2 51512		3411	7	1.73		✓	✓		Use D,E for 3C
1414	1	E 1		1	1	1		✓	✓		1
1430	1	F 1		1	1	1		✓	—		1
1446	A-3	D VLF#3 051512		4307	8	1.73		✓	✓		Use D,E for 3C
1501	1	E 1		1	1	1		✓	✓		1
1517	1	F 1		1	1	1		✓	—		1
0648	3CCCVC052312A				2	NA			✓		220428
0704	1 B				1				✓		1
0726	25CCCVC052312A				9			✓			335806

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR INSTRUMENT RUN LOG

Instrument Information	Sequence Channel	Method	Calibration Batch ID:	Chemserver Batch ID:	Date Opened:	Time:	Date Closed:	Time:	Column Type	Injection Volume
Instrument ID: CP3800	M	NMOC	15MAY12NMOC	23MAY12NMOC	05/23/12	0936	05/24/12	0936	Carbosieve G 60/80 & Unibeads IS 60/80	2 mL
Instrument: Varion 3800	R	3C	06SEP11 3C	23MAY12 3C	05/23/12	0816	05/24/12	0818	CTR-1	2 mL

	Manager	Analyst	Analyst	Analyst
Name/Initial				
Signature				

Injection Time	TALS ID	Client ID	ETR	CAN #	AS INLET	Dilution Factor	Concentration F	M	R	Analyst	Comments / Standard Traceability
0742	25CCLK052312-B				9			✓		MW	335805
0758	1 C				1			✓		1	1

MW 5/24/12

Legend: C=Complete • R=Reanalyze • RE= Re-Extract • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Start Date: 05/15/2012 12:17

Analysis Batch Number: 38726 End Date: 05/15/2012 15:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/15/2012 12:17	1		Carbo/Unibeads 2(mm)
IC 200-38726/2		05/15/2012 13:09	1	IC1051513A.d-avg	Carbo/Unibeads 2(mm)
ICRT 200-38726/3		05/15/2012 13:59	1	ICRT051512A.d-avg	Carbo/Unibeads 2(mm)
IC 200-38726/4		05/15/2012 14:50	1	IC3051512A.d-avg	Carbo/Unibeads 2(mm)
ICV 200-38726/5		05/15/2012 15:53	1	ICV051512A.d-avg	Carbo/Unibeads 2(mm)

AIR - GC VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10847-1

SDG No.: 200-10847

Instrument ID: 0001.i Start Date: 05/23/2012 09:36

Analysis Batch Number: 39213 End Date: 05/24/2012 07:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 200-39213/1		05/23/2012 09:36	1	25CCCV052312A.d -avg	Carbo/Unibeads 2(mm)
LCS 200-39213/2		05/23/2012 10:31	1	25CLCS052312A.d -avg	Carbo/Unibeads 2(mm)
MB 200-39213/3		05/23/2012 11:25	1	MB052312A.d-avg	Carbo/Unibeads 2(mm)
ZZZZZ		05/23/2012 12:23	1.68		Carbo/Unibeads 2(mm)
200-10847-1	VLF #1 051512	05/23/2012 13:10	1.7	200-10847-A-1D. d-avg	Carbo/Unibeads 2(mm)
200-10847-2	VLF #2 051512	05/23/2012 13:58	1.73	200-10847-A-2D. d-avg	Carbo/Unibeads 2(mm)
200-10847-3	VLF #3 051512	05/23/2012 14:46	1.73	200-10847-A-3D. d-avg	Carbo/Unibeads 2(mm)
CCVC 200-39213/8		05/24/2012 07:26	1	25CCCVC052312A. d-avg	Carbo/Unibeads 2(mm)

Post-Sampling Air Canister Pressure Check Record

Client ID	Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
SCSENG	10847	5/18/12	0840	29.6	22	G1	SM

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	N/A		Grabs
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID		Comments
1	5087	-5.9	N	N/A	N/A	3371	CKTD	Grabs
2	3411	-6.4	"	"	"	4235	"	"
3	4307	-6.2	"	"	"	3399	"	"

SM 5/18/12

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # N/A

Summa Canister Dilution Worksheet

Client: SCS Engineers

TestAmerica Job ID: 200-10847-1
Client: 200-10847

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Dilution Factor	Final Dilution Factor	Date	Analyst
200-10847-1	6	-5.8	0.81	4.84	5.5	1.37	8.24	1.70	1.70	05/22/12 11:29	Veilleux, Michael R
200-10847-2	6	-6.2	0.79	4.76	5.5	1.37	8.24	1.73	1.73	05/22/12 11:29	Veilleux, Michael R
200-10847-3	6	-6.1	0.80	4.78	5.5	1.37	8.24	1.73	1.73	05/22/12 11:30	Veilleux, Michael R

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg
Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test					
System ID	# Cycles	Cleaning Date	Technician	Canister Size	
TOP	10	5/3/12	SL	(6L)	1L 3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	3411	-29.2	-29.3	-29.3	0.0
2	3434				
3	4074				
4	3264				
5	4809				
6	4559				
7	4374				
8	4575				
9	4235				
10	4563				
11	4577				
12	2852				

Initial Reading		Final Reading	
Gauge ID:	G1	Gauge ID:	G
Date:	5/4/12	Date:	05/7/12
Time:	0700	Time:	1710
Tech:	SL	Tech:	CMG
BP:	29.2 ("Hg)	BP:	29.3 ("Hg)
Temp	22 (°C)	Temp:	20 (°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:
Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
4235	5/07/12	CKTO	PAD		✓				05/08/12	KLP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size
OREN	10	5/3/12	AUG	(6L) 1L 3L

Leak Test

Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	2547	-29.0	-29.3	-29.3	0.0
2	2416				
3	2206				
4	0910				
5	2345				
6	2307				
7	2110		—	—	—
8	0520				
9	2424		-29.3	-29.3	0.0
10	2211				
11	2348				
12	3399				

5087

Initial Reading		Final Reading	
Gauge ID:	G1	Gauge ID:	G1
Date:	5/4/12	Date:	5/7/12
Time:	0930	Time:	1820
Tech:	2	Tech:	AUG
BP:	29.2 ("Hg)	BP:	29.3 ("Hg)
Temp	22 (°C)	Temp:	22 (°C)

[3]Acceptance Criteria:

(1) The difference must be less than or equal to + 0.5

(2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister.

PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review Date	Reviewer
3399	5/07/12	CKTO	PAD		✓				05/08/12	RLP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cktd003.d

Lab ID: LCS 200-38178/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.6	116	70-130	
Dichlorodifluoromethane	10.0	11.2	112	70-130	
Freon 22	10.0	11.7	117	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70-130	
Chloromethane	10.0	11.7	117	70-130	
n-Butane	10.0	12.0	120	70-130	
Vinyl chloride	10.0	11.0	110	70-130	
1,3-Butadiene	10.0	12.0	120	70-130	
Bromomethane	10.0	10.1	101	70-130	
Chloroethane	10.0	11.1	112	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.8	108	70-130	
Trichlorofluoromethane	10.0	11.1	111	70-130	
Ethanol	15.0	20.1	134	70-130	*
Freon TF	10.0	11.7	117	70-130	
1,1-Dichloroethene	10.0	11.6	116	70-130	
Acetone	10.0	12.2	122	70-130	
Isopropyl alcohol	10.0	12.4	124	70-130	
Carbon disulfide	10.0	11.5	115	70-130	
3-Chloropropene	10.0	11.9	119	70-130	
Methylene Chloride	10.0	12.3	123	70-130	
tert-Butyl alcohol	10.0	11.7	117	70-130	
Methyl tert-butyl ether	10.0	10.9	109	70-130	
trans-1,2-Dichloroethene	10.0	11.6	116	70-130	
n-Hexane	10.0	11.5	115	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-130	
Vinyl acetate	10.0	11.8	118	70-130	
Ethyl acetate	10.0	10.5	105	70-130	
Methyl Ethyl Ketone	10.0	11.0	110	70-130	
cis-1,2-Dichloroethene	10.0	10.6	106	70-130	
Chloroform	10.0	11.1	111	70-130	
Tetrahydrofuran	10.0	11.5	115	70-130	
1,1,1-Trichloroethane	10.0	10.6	106	70-130	
Cyclohexane	10.0	10.4	104	70-130	
Carbon tetrachloride	10.0	10.2	102	70-130	
2,2,4-Trimethylpentane	10.0	11.2	112	70-130	
Benzene	10.0	10.4	104	70-130	
1,2-Dichloroethane	10.0	11.0	110	70-130	
n-Heptane	10.0	11.5	115	70-130	
Trichloroethene	10.0	9.89	99	70-130	
Methyl methacrylate	10.0	10.4	104	70-130	
1,2-Dichloropropane	10.0	10.6	106	70-130	
1,4-Dioxane	10.0	9.58	96	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cktd003.d

Lab ID: LCS 200-38178/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.2	112	70-130	
cis-1,3-Dichloropropene	10.0	10.3	103	70-130	
methyl isobutyl ketone	10.0	11.1	111	70-130	
Toluene	10.0	9.87	99	70-130	
trans-1,3-Dichloropropene	10.0	10.4	104	70-130	
1,1,2-Trichloroethane	10.0	9.67	97	70-130	
Tetrachloroethene	10.0	8.96	90	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.3	113	70-130	
Dibromochloromethane	10.0	10.6	106	70-130	
1,2-Dibromoethane	10.0	9.83	98	70-130	
Chlorobenzene	10.0	9.32	93	70-130	
Ethylbenzene	10.0	9.78	98	70-130	
m,p-Xylene	20.0	18.7	94	70-130	
Xylene, o-	10.0	9.22	92	70-130	
Styrene	10.0	9.77	98	70-130	
Bromoform	10.0	9.90	99	70-130	
Cumene	10.0	9.61	96	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.45	95	70-130	
n-Propylbenzene	10.0	10.2	102	70-130	
4-Ethyltoluene	10.0	10.4	104	70-130	
1,3,5-Trimethylbenzene	10.0	9.52	95	70-130	
2-Chlorotoluene	10.0	10.6	106	70-130	
tert-Butylbenzene	10.0	9.41	94	70-130	
1,2,4-Trimethylbenzene	10.0	9.32	93	70-130	
sec-Butylbenzene	10.0	9.58	96	70-130	
4-Isopropyltoluene	10.0	9.50	95	70-130	
1,3-Dichlorobenzene	10.0	8.55	86	70-130	
1,4-Dichlorobenzene	10.0	8.59	86	70-130	
Benzyl chloride	10.0	10.8	108	70-130	
n-Butylbenzene	10.0	10.2	103	70-130	
1,2-Dichlorobenzene	10.0	8.34	83	70-130	
1,2,4-Trichlorobenzene	10.0	7.91	79	70-130	
Hexachlorobutadiene	10.0	7.51	75	70-130	
Naphthalene	10.0	8.93	89	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cktd003.d

Lab ID: LCS 200-38178/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Propylene	10.0	11.6	116	70-130	
Dichlorodifluoromethane	10.0	11.2	112	70-130	
Freon 22	10.0	11.7	117	70-130	
1,2-Dichlorotetrafluoroethane	10.0	10.8	108	70-130	
Chloromethane	10.0	11.7	117	70-130	
n-Butane	10.0	12.0	120	70-130	
Vinyl chloride	10.0	11.0	110	70-130	
1,3-Butadiene	10.0	12.0	120	70-130	
Bromomethane	10.0	10.1	101	70-130	
Chloroethane	10.0	11.1	112	70-130	
Bromoethene(Vinyl Bromide)	10.0	10.8	108	70-130	
Trichlorofluoromethane	10.0	11.1	111	70-130	
Ethanol	15.0	20.1	134	70-130	*
Freon TF	10.0	11.7	117	70-130	
1,1-Dichloroethene	10.0	11.6	116	70-130	
Acetone	10.0	12.2	122	70-130	
Isopropyl alcohol	10.0	12.4	124	70-130	
Carbon disulfide	10.0	11.5	115	70-130	
3-Chloropropene	10.0	11.9	119	70-130	
Methylene Chloride	10.0	12.3	123	70-130	
tert-Butyl alcohol	10.0	11.7	117	70-130	
Methyl tert-butyl ether	10.0	10.9	109	70-130	
trans-1,2-Dichloroethene	10.0	11.6	116	70-130	
n-Hexane	10.0	11.5	115	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-130	
Vinyl acetate	10.0	11.8	118	70-130	
Ethyl acetate	10.0	10.5	105	70-130	
Methyl Ethyl Ketone	10.0	11.0	110	70-130	
cis-1,2-Dichloroethene	10.0	10.6	106	70-130	
Chloroform	10.0	11.1	111	70-130	
Tetrahydrofuran	10.0	11.5	115	70-130	
1,1,1-Trichloroethane	10.0	10.6	106	70-130	
Cyclohexane	10.0	10.4	104	70-130	
Carbon tetrachloride	10.0	10.2	102	70-130	
2,2,4-Trimethylpentane	10.0	11.2	112	70-130	
Benzene	10.0	10.4	104	70-130	
1,2-Dichloroethane	10.0	11.0	110	70-130	
n-Heptane	10.0	11.5	115	70-130	
Trichloroethene	10.0	9.89	99	70-130	
Methyl methacrylate	10.0	10.4	104	70-130	
1,2-Dichloropropane	10.0	10.6	106	70-130	
1,4-Dioxane	10.0	9.58	96	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Matrix: Air Level: Low Lab File ID: cktd003.d

Lab ID: LCS 200-38178/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Bromodichloromethane	10.0	11.2	112	70-130	
cis-1,3-Dichloropropene	10.0	10.3	103	70-130	
methyl isobutyl ketone	10.0	11.1	111	70-130	
Toluene	10.0	9.87	99	70-130	
trans-1,3-Dichloropropene	10.0	10.4	104	70-130	
1,1,2-Trichloroethane	10.0	9.67	97	70-130	
Tetrachloroethene	10.0	8.96	90	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	11.3	113	70-130	
Dibromochloromethane	10.0	10.6	106	70-130	
1,2-Dibromoethane	10.0	9.83	98	70-130	
Chlorobenzene	10.0	9.32	93	70-130	
Ethylbenzene	10.0	9.78	98	70-130	
m,p-Xylene	20.0	18.7	94	70-130	
Xylene, o-	10.0	9.22	92	70-130	
Styrene	10.0	9.77	98	70-130	
Bromoform	10.0	9.90	99	70-130	
Cumene	10.0	9.61	96	70-130	
1,1,2,2-Tetrachloroethane	10.0	9.45	95	70-130	
n-Propylbenzene	10.0	10.2	102	70-130	
4-Ethyltoluene	10.0	10.4	104	70-130	
1,3,5-Trimethylbenzene	10.0	9.52	95	70-130	
2-Chlorotoluene	10.0	10.6	106	70-130	
tert-Butylbenzene	10.0	9.41	94	70-130	
1,2,4-Trimethylbenzene	10.0	9.32	93	70-130	
sec-Butylbenzene	10.0	9.58	96	70-130	
4-Isopropyltoluene	10.0	9.50	95	70-130	
1,3-Dichlorobenzene	10.0	8.55	86	70-130	
1,4-Dichlorobenzene	10.0	8.59	86	70-130	
Benzyl chloride	10.0	10.8	108	70-130	
n-Butylbenzene	10.0	10.2	103	70-130	
1,2-Dichlorobenzene	10.0	8.34	83	70-130	
1,2,4-Trichlorobenzene	10.0	7.91	79	70-130	
Hexachlorobutadiene	10.0	7.51	75	70-130	
Naphthalene	10.0	8.93	89	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab File ID: cktd004.d Lab Sample ID: MB 200-38178/4

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: C.i Date Analyzed: 05/04/2012 12:47

GC Column: RTX-624 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-38178/3	cktd003.d	05/04/2012 11:55
4235	200-10636-9	cktd013.d	05/04/2012 20:50

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-10636-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-38178/4

Matrix: Air | Lab File ID: cktd004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 05/04/2012 12:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38178 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-10636-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-38178/4

Matrix: Air | Lab File ID: cktd004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 05/04/2012 12:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38178 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-38178/4

Matrix: Air Lab File ID: cktd004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/04/2012 12:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cktdto15.b/cktd004.d
Lab Smp Id: mb
Inj Date : 04-MAY-2012 12:47
Operator : pad Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cktdto15.b/to15v5.m
Meth Date : 07-May-2012 10:24 pd Quant Type: ISTD
Cal Date : 30-APR-2012 15:10 Cal File: ckt003.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

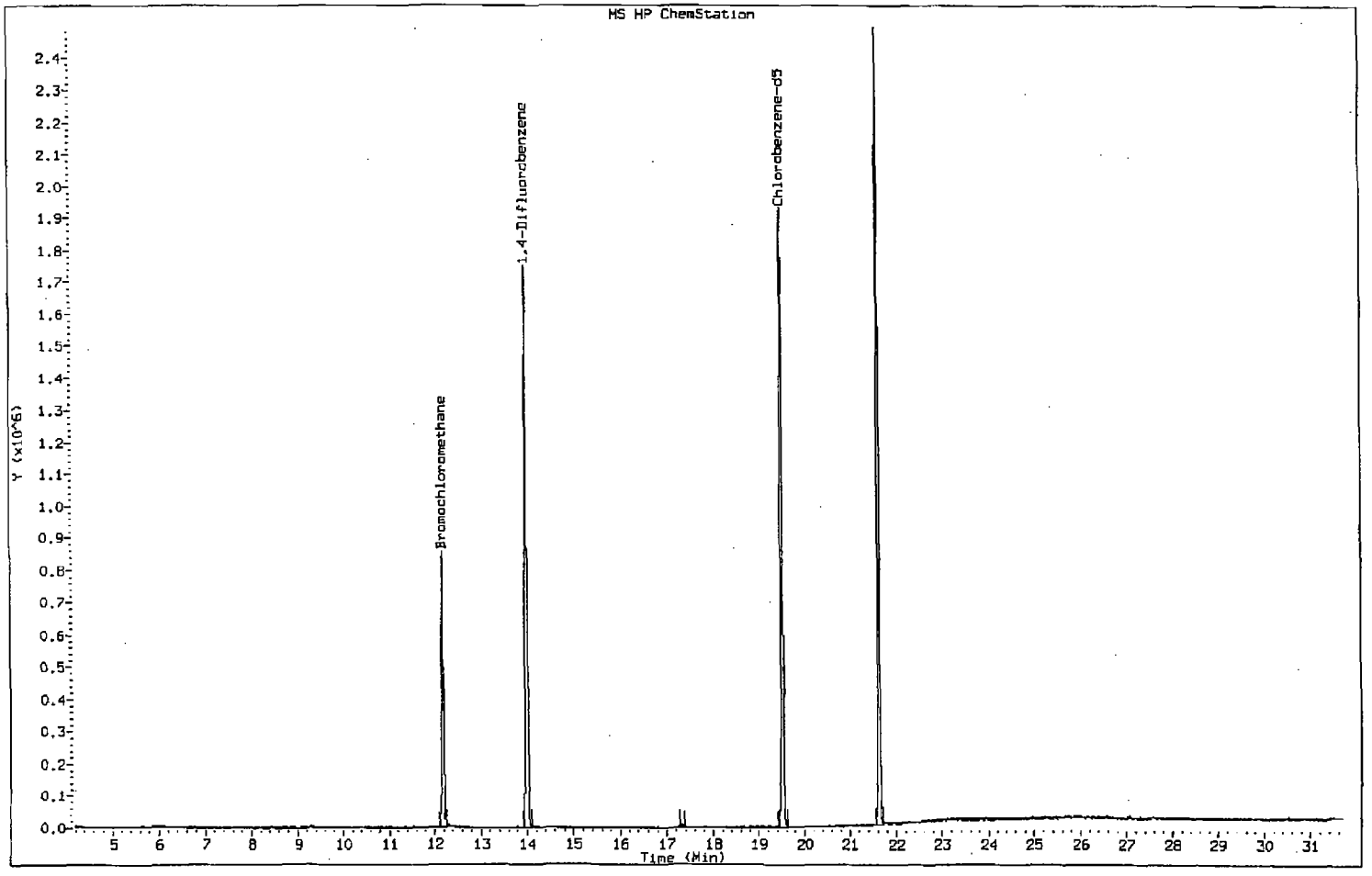
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.438	8.390	(0.693)	7140	0.17147	0.17(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	9.282	9.287	(0.762)	3883	0.10694	0.11(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	12.180	12.185	(1.000)	358952	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	13.994	13.994	(1.000)	2174410	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
62	2-Hexanone	43	Compound Not Detected.					
63	Dibromochloromethane	129	Compound Not Detected.					
64	1,2-Dibromoethane	107	Compound Not Detected.					
* 65	Chlorobenzene-d5	117	19.507	19.512	(1.000)	1877691	10.0000	
66	Chlorobenzene	112	Compound Not Detected.					
67	n-Nonane	57	Compound Not Detected.					
68	Ethylbenzene	91	Compound Not Detected.					
69	Xylene (m,p)	106	Compound Not Detected.					
M 70	Xylenes, Total	106	Compound Not Detected.					
71	Xylene (o)	106	Compound Not Detected.					
72	Styrene	104	Compound Not Detected.					
73	Bromoform	173	Compound Not Detected.					
74	Isopropylbenzene	105	Compound Not Detected.					
75	1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76	n-Propylbenzene	91	Compound Not Detected.					
77	1,2,3-Trichloropropane	75	Compound Not Detected.					
78	n-Decane	57	Compound Not Detected.					
79	4-Ethyltoluene	105	Compound Not Detected.					
80	2-Chlorotoluene	91	Compound Not Detected.					
81	1,3,5-Trimethylbenzene	105	Compound Not Detected.					
82	Alpha Methyl Styrene	118	Compound Not Detected.					
83	tert-butylbenzene	119	Compound Not Detected.					
84	1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85	sec-Butylbenzene	105	Compound Not Detected.					
86	4-Isopropyltoluene	119	Compound Not Detected.					
87	1,3-Dichlorobenzene	146	Compound Not Detected.					
88	1,4-Dichlorobenzene	146	Compound Not Detected.					
89	Benzyl chloride	91	Compound Not Detected.					
90	Undecane	57	Compound Not Detected.					
91	n-Butylbenzene	91	Compound Not Detected.					
92	1,2-Dichlorobenzene	146	Compound Not Detected.					
93	Dodecane	57	Compound Not Detected.					
94	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95	1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96	Naphthalene	128	Compound Not Detected.					
97	1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	cktd004.d	Date:	04-MAY-2012 12:47
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab File ID: cktd004.d Lab Sample ID: MB 200-38178/4

Matrix: Air Heated Purge: (Y/N) N

Instrument ID: C.i Date Analyzed: 05/04/2012 12:47

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-38178/3	cktd003.d	05/04/2012 11:55
3399	200-10659-12	cktd014.d	05/04/2012 21:44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-38178/4

Matrix: Air Lab File ID: cktd004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/04/2012 12:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.20	U	0.20	0.20
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.20	U	0.20	0.20
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-10659-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-38178/4

Matrix: Air | Lab File ID: cktd004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 05/04/2012 12:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38178 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.20	U	0.20	0.20
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 200-38178/4

Matrix: Air Lab File ID: cktd004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 05/04/2012 12:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/C.i/Csvr.p/cktdto15.b/cktd004.d
Lab Smp Id: mb
Inj Date : 04-MAY-2012 12:47
Operator : pad Inst ID: C.i
Smp Info : mb
Misc Info : 200,1, mb
Comment :
Method : /chem/C.i/Csvr.p/cktdto15.b/to15v5.m
Meth Date : 07-May-2012 10:24 pd Quant Type: ISTD
Cal Date : 30-APR-2012 15:10 Cal File: ckt003.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allTO15.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	Compound Not Detected.					
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
11 2-Methylbutane	43	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Pentane	43	Compound Not Detected.					

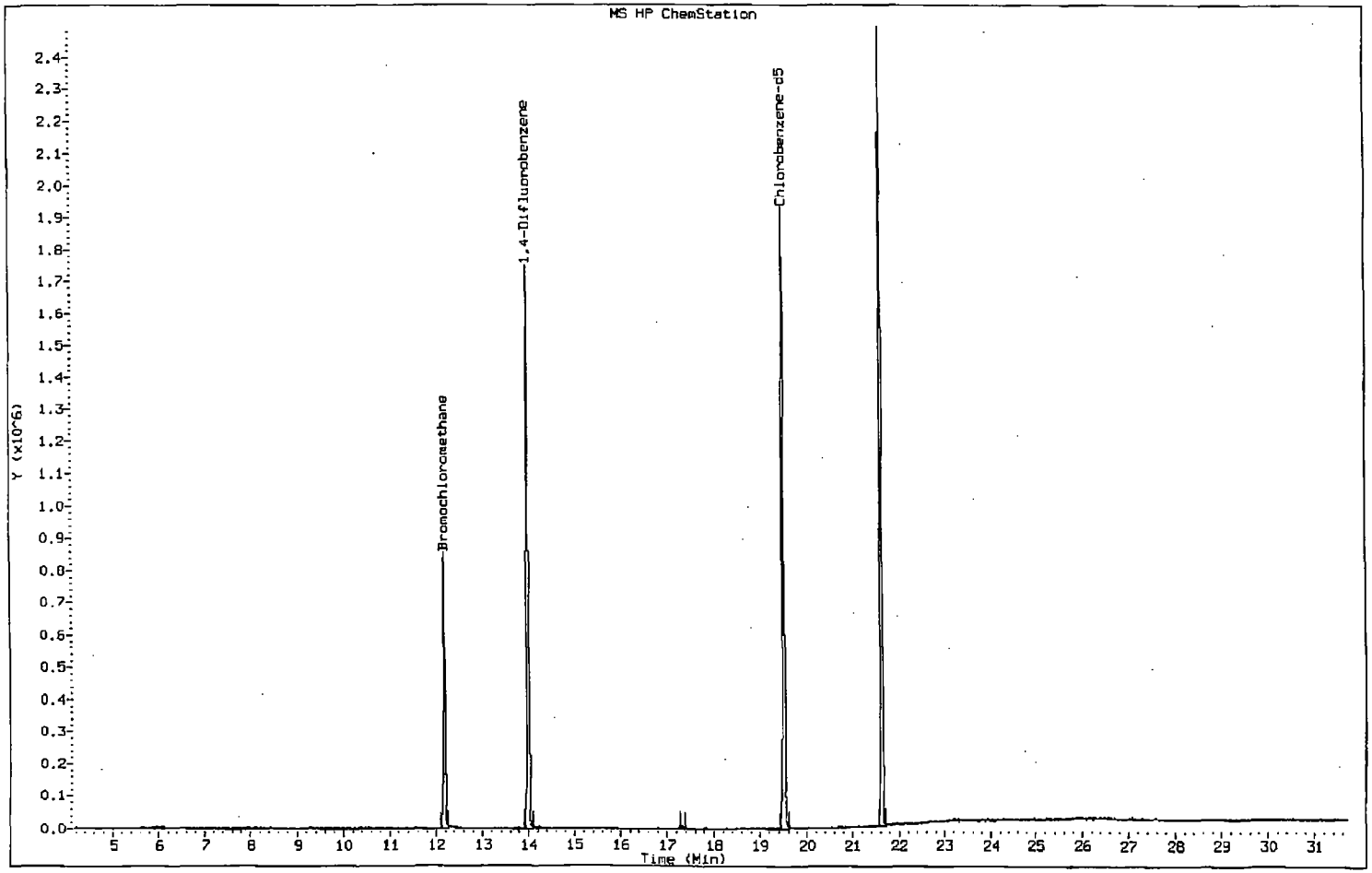
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	15 Ethanol	45	Compound Not Detected.					
	16 Ethyl ether	59	Compound Not Detected.					
	17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					
	18 Acrolein	56	Compound Not Detected.					
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.438	8.390	(0.693)	7140	0.17147	0.17(a)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	24 Acetonitrile	41	Compound Not Detected.					
	25 Methylene chloride	49	9.282	9.287	(0.762)	3883	0.10694	0.11(aQ)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	29 Acrylonitrile	53	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	12.180	12.185	(1.000)	358952	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	13.994	13.994	(1.000)	2174410	10.0000	
	48 n-Butanol	56	Compound Not Detected.					
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	52 Dibromomethane	174	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	57 n-Octane	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	19.507	19.512	(1.000)	1877691	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	67 n-Nonane	57	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					
	72 Styrene	104	Compound Not Detected.					
	73 Bromoform	173	Compound Not Detected.					
	74 Isopropylbenzene	105	Compound Not Detected.					
	75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	76 n-Propylbenzene	91	Compound Not Detected.					
	77 1,2,3-Trichloropropane	75	Compound Not Detected.					
	78 n-Decane	57	Compound Not Detected.					
	79 4-Ethyltoluene	105	Compound Not Detected.					
	80 2-Chlorotoluene	91	Compound Not Detected.					
	81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	82 Alpha Methyl Styrene	118	Compound Not Detected.					
	83 tert-butylbenzene	119	Compound Not Detected.					
	84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	85 sec-Butylbenzene	105	Compound Not Detected.					
	86 4-Isopropyltoluene	119	Compound Not Detected.					
	87 1,3-Dichlorobenzene	146	Compound Not Detected.					
	88 1,4-Dichlorobenzene	146	Compound Not Detected.					
	89 Benzyl chloride	91	Compound Not Detected.					
	90 Undecane	57	Compound Not Detected.					
	91 n-Butylbenzene	91	Compound Not Detected.					
	92 1,2-Dichlorobenzene	146	Compound Not Detected.					
	93 Dodecane	57	Compound Not Detected.					
	94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
	96 Naphthalene	128	Compound Not Detected.					
	97 1,2,3-Trichlorobenzene	180	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	cktd004.d	Date:	04-MAY-2012 12:47
Client ID:		Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	mb		
Lab Sample ID:	mb		



FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab File ID: ckt001.d BFB Injection Date: 04/30/2012

Instrument ID: C.i BFB Injection Time: 13:29

Analysis Batch No.: 37839

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.4	
75	30.0 - 66.0% of mass 95	44.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.3	(0.4)1
174	50.0 - 120.0% of mass 95	73.7	
175	4.0 - 9.0 % of mass 174	5.0	(6.8)1
176	93.0 - 101.0% of mass 174	71.2	(96.7)1
177	5.0 - 9.0% of mass 176	4.7	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-37839/3	ckt003.d	04/30/2012	15:10
	IC 200-37839/4	ckt004.d	04/30/2012	16:03
	IC 200-37839/5	ckt005.d	04/30/2012	16:56
	IC 200-37839/6	ckt006.d	04/30/2012	17:49
	ICIS 200-37839/7	ckt007.d	04/30/2012	18:42
	IC 200-37839/8	ckt008.d	04/30/2012	19:35
	IC 200-37839/9	ckt009.d	04/30/2012	20:29
	IC 200-37839/10	ckt010.d	04/30/2012	21:22
	ICV 200-37839/13	ckt013.d	05/01/2012	00:01

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab File ID: cktd001.d BFB Injection Date: 05/04/2012

Instrument ID: C.i BFB Injection Time: 10:05

Analysis Batch No.: 38178

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.5	
75	30.0 - 66.0% of mass 95	46.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.3	(0.5)1
174	50.0 - 120.0% of mass 95	68.3	
175	4.0 - 9.0 % of mass 174	4.8	(7.0)1
176	93.0 - 101.0% of mass 174	65.8	(96.4)1
177	5.0 - 9.0% of mass 176	4.3	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-38178/2	cktd002.d	05/04/2012	10:58
	LCS 200-38178/3	cktd003.d	05/04/2012	11:55
	MB 200-38178/4	cktd004.d	05/04/2012	12:47
4235	200-10636-9	cktd013.d	05/04/2012	20:50

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab File ID: ckt001.d BFB Injection Date: 04/30/2012

Instrument ID: C.i BFB Injection Time: 13:29

Analysis Batch No.: 37839

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	14.4	
75	30.0 - 66.0% of mass 95	44.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.3	(0.4)1
174	50.0 - 120.0% of mass 95	73.7	
175	4.0 - 9.0 % of mass 174	5.0	(6.8)1
176	93.0 - 101.0% of mass 174	71.2	(96.7)1
177	5.0 - 9.0% of mass 176	4.7	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-37839/3	ckt003.d	04/30/2012	15:10
	IC 200-37839/4	ckt004.d	04/30/2012	16:03
	IC 200-37839/5	ckt005.d	04/30/2012	16:56
	IC 200-37839/6	ckt006.d	04/30/2012	17:49
	ICIS 200-37839/7	ckt007.d	04/30/2012	18:42
	IC 200-37839/8	ckt008.d	04/30/2012	19:35
	IC 200-37839/9	ckt009.d	04/30/2012	20:29
	IC 200-37839/10	ckt010.d	04/30/2012	21:22
	ICV 200-37839/13	ckt013.d	05/01/2012	00:01

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab File ID: cktd001.d BFB Injection Date: 05/04/2012

Instrument ID: C.i BFB Injection Time: 10:05

Analysis Batch No.: 38178

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	15.5	
75	30.0 - 66.0% of mass 95	46.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.3	(0.5)1
174	50.0 - 120.0% of mass 95	68.3	
175	4.0 - 9.0 % of mass 174	4.8	(7.0)1
176	93.0 - 101.0% of mass 174	65.8	(96.4)1
177	5.0 - 9.0% of mass 176	4.3	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-38178/2	cktd002.d	05/04/2012	10:58
	LCS 200-38178/3	cktd003.d	05/04/2012	11:55
	MB 200-38178/4	cktd004.d	05/04/2012	12:47
3399	200-10659-12	cktd014.d	05/04/2012	21:44

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Sample No.: ICIS 200-37839/7 Date Analyzed: 04/30/2012 18:42

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm)

Lab File ID (Standard): ckt007.d Heated Purge: (Y/N) N

Calibration ID: 14989

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		421003	12.18	2351917	13.99	2089749	19.51
UPPER LIMIT		589404	12.51	3292684	14.32	2925649	19.84
LOWER LIMIT		252602	11.85	1411150	13.66	1253849	19.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-37839/13		406954	12.18	2249612	13.99	1913181	19.51

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Sample No.: CCVIS 200-38178/2 Date Analyzed: 05/04/2012 10:58

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): cktd002.d Heated Purge: (Y/N) N

Calibration ID: 14989

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		403108	12.19	2323449	13.99	2054118	19.51
UPPER LIMIT		564351	12.52	3252829	14.32	2875765	19.84
LOWER LIMIT		241865	11.86	1394069	13.66	1232471	19.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-38178/3		400954	12.18	2316594	13.99	2032671	19.51
MB 200-38178/4		358952	12.18	2174410	13.99	1877691	19.51
200-10636-9	4235	290919	12.18	1795857	13.99	1475022	19.51

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII

AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Sample No.: ICIS 200-37839/7 Date Analyzed: 04/30/2012 18:42

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ckt007.d Heated Purge: (Y/N) N

Calibration ID: 14989

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		421003	12.18	2351917	13.99	2089749	19.51
UPPER LIMIT		589404	12.51	3292684	14.32	2925649	19.84
LOWER LIMIT		252602	11.85	1411150	13.66	1253849	19.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-37839/13		406954	12.18	2249612	13.99	1913181	19.51

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Sample No.: CCVIS 200-38178/2 Date Analyzed: 05/04/2012 10:58

Instrument ID: C.i GC Column: RTX-624 ID: 0.32 (mm)

Lab File ID (Standard): cktd002.d Heated Purge: (Y/N) N

Calibration ID: 14989

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		403108	12.19	2323449	13.99	2054118	19.51
UPPER LIMIT		564351	12.52	3252829	14.32	2875765	19.84
LOWER LIMIT		241865	11.86	1394069	13.66	1232471	19.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-38178/3		400954	12.18	2316594	13.99	2032671	19.51
MB 200-38178/4		358952	12.18	2174410	13.99	1877691	19.51
200-10659-12	3399	320728	12.18	1971722	13.99	1619709	19.51

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Client Sample ID: 4235 Lab Sample ID: 200-10636-9

Matrix: Air Lab File ID: cktd013.d

Analysis Method: TO-15 Date Collected: 05/03/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/04/2012 20:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	/ 0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Client Sample ID: 4235 Lab Sample ID: 200-10636-9

Matrix: Air Lab File ID: cktd013.d

Analysis Method: TO-15 Date Collected: 05/03/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/04/2012 20:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Client Sample ID: 4235 Lab Sample ID: 200-10636-9

Matrix: Air Lab File ID: cktd013.d

Analysis Method: TO-15 Date Collected: 05/03/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/04/2012 20:50

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-10636-9
Client Smp ID: 4235
Inj Date : 04-MAY-2012 20:50
Operator : pad Inst ID: C.i
Smp Info : 200-10636-A-9
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/C.i/Csvr.p/cktdto15.b/to15v5.m
Meth Date : 07-May-2012 10:24 pd Quant Type: ISTD
Cal Date : 30-APR-2012 15:10 Cal File: ckt003.d
Als bottle: 3
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.964	4.953	(0.408)	1161	0.04809	0.0096(a)
6 Butane	43	Compound Not Detected.					
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

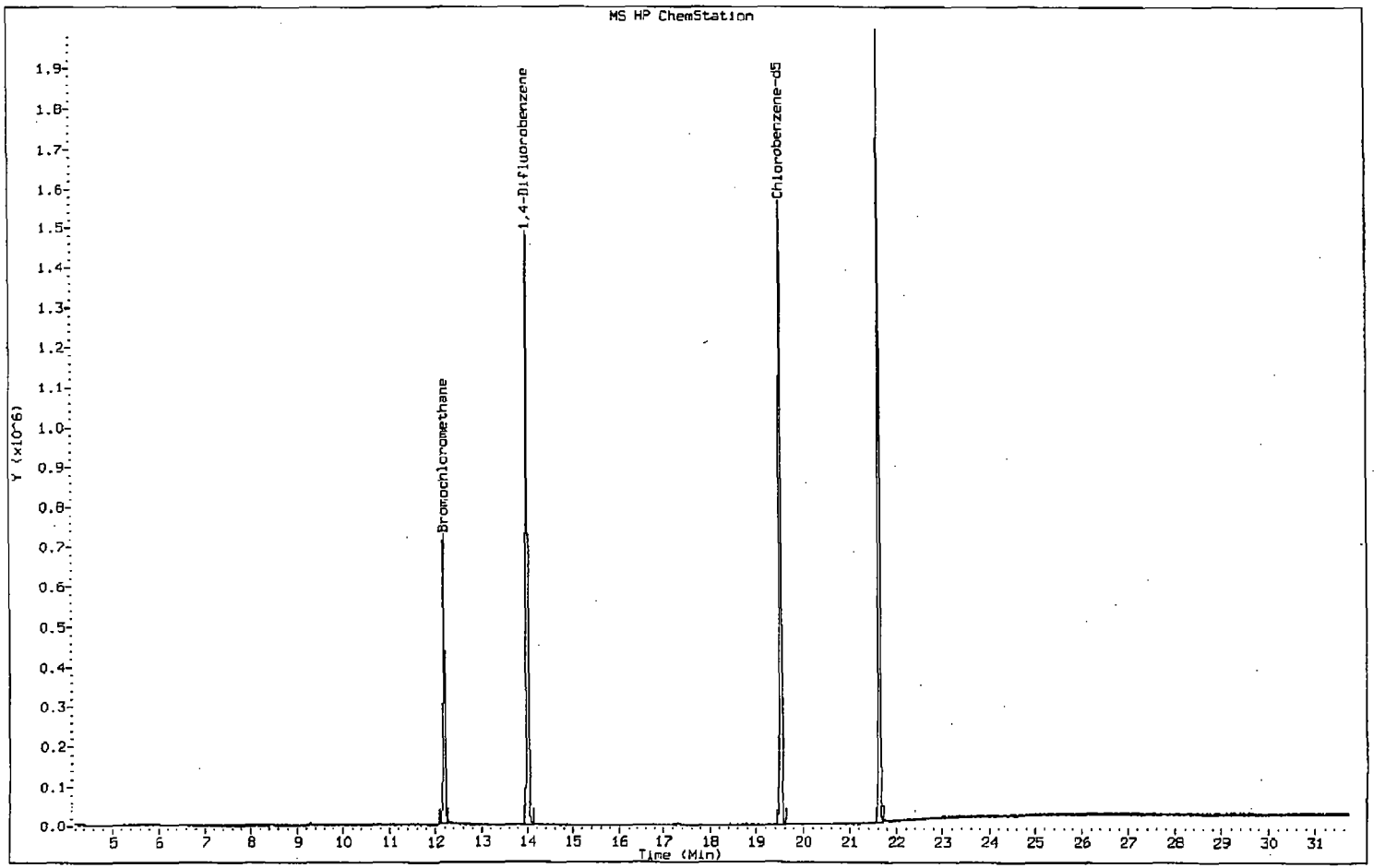
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	Compound Not Detected.					
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	9.287	9.287	(0.762)	2842	0.09657	0.019(a)
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	12.180	12.185	(1.000)	290919	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	Compound Not Detected.					
*	47 1,4-Difluorobenzene	114	13.994	13.994	(1.000)	1795857	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	19.507	19.512	(1.000)	1475022	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File:	cktd013.d	Date:	04-MAY-2012 20:50
Client ID:	4235	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-10636-A-9		
Lab Sample ID:	200-10636-9		



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-10659-1

SDG No.:

Client Sample ID: 3399 | Lab Sample ID: 200-10659-12

Matrix: Air | Lab File ID: cktd014.d

Analysis Method: TO-15 | Date Collected: 05/03/2012 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 05/04/2012 21:44

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38178 | Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U *	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Client Sample ID: 3399 Lab Sample ID: 200-10659-12

Matrix: Air Lab File ID: cktd014.d

Analysis Method: TO-15 Date Collected: 05/03/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/04/2012 21:44

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Client Sample ID: 3399 Lab Sample ID: 200-10659-12

Matrix: Air Lab File ID: cktd014.d

Analysis Method: TO-15 Date Collected: 05/03/2012 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 05/04/2012 21:44

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38178 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Lab Sample Id: 200-10659-12
Client Smp ID: 3399
Inj Date : 04-MAY-2012 21:44
Operator : pad Inst ID: C.i
Smp Info : 200-10659-A-12
Misc Info : 1000,0.2, all74+MN
Comment :
Method : /chem/C.i/Csvr.p/cktdto15.b/to15v5.m
Meth Date : 07-May-2012 10:24 pd Quant Type: ISTD
Cal Date : 30-APR-2012 15:10 Cal File: ckt003.d
Als bottle: 4
Dil Factor: 0.20000
Integrator: HP RTE Compound Sublist: all74+MN.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo)*(Vf/Vf) * CpndVariable

Name	Value	Description
DF	0.20000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	1000.00000	Sample Volume purged (mL)
Vf	200.00000	Final Volume (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
1 Propene	41	Compound Not Detected.					
2 Dichlorodifluoromethane	85	Compound Not Detected.					
3 Chlorodifluoromethane	51	Compound Not Detected.					
4 1,2-Dichloro-1,1,2,2-tetraflu	85	Compound Not Detected.					
5 Chloromethane	50	4.954	4.953	(0.407)	1477	0.05549	0.011(a)
6 Butane	43	5.215	5.215	(0.428)	5652	0.13163	0.026(a)
7 Vinyl chloride	62	Compound Not Detected.					
8 1,3-Butadiene	54	Compound Not Detected.					
9 Bromomethane	94	Compound Not Detected.					
10 Chloroethane	64	Compound Not Detected.					
12 Vinyl bromide	106	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Ethanol	45	Compound Not Detected.					
17 1,1,2-Trichloro-1,2,2-trifluo	101	Compound Not Detected.					

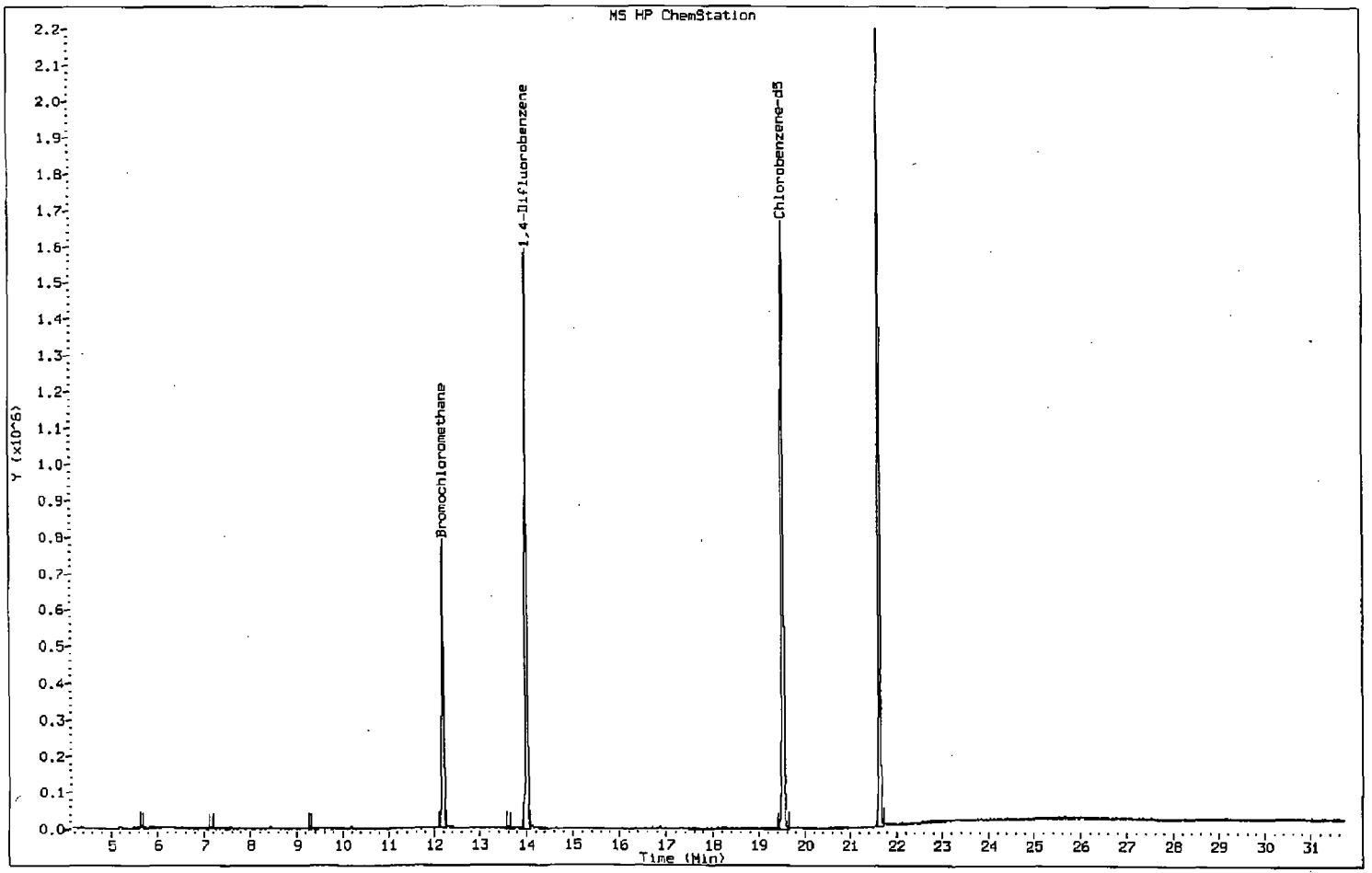
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	FINAL (ppb v/v)
	19 1,1-Dichloroethene	96	Compound Not Detected.					
	20 Acetone	43	8.444	8.390	(0.693)	5725	0.15387	0.031(aM)
	21 Carbon disulfide	76	Compound Not Detected.					
	22 Isopropanol	45	Compound Not Detected.					
	23 Allyl chloride	41	Compound Not Detected.					
	25 Methylene chloride	49	Compound Not Detected.					
	26 Tert-butyl alcohol	59	Compound Not Detected.					
	27 Methyl tert-butyl ether	73	Compound Not Detected.					
	28 1,2-Dichloroethene (trans)	61	Compound Not Detected.					
	30 n-Hexane	57	Compound Not Detected.					
	31 1,1-Dichloroethane	63	Compound Not Detected.					
	32 Vinyl acetate	43	Compound Not Detected.					
M	33 1,2-Dichloroethene,Total	61	Compound Not Detected.					
	34 1,2-Dichloroethene (cis)	96	Compound Not Detected.					
	35 Ethyl acetate	88	Compound Not Detected.					
	36 Methyl Ethyl Ketone	72	Compound Not Detected.					
*	37 Bromochloromethane	128	12.180	12.185	(1.000)	320728	10.0000	(Q)
	38 Tetrahydrofuran	42	Compound Not Detected.					
	39 Chloroform	83	Compound Not Detected.					
	40 Cyclohexane	84	Compound Not Detected.					
	41 1,1,1-Trichloroethane	97	Compound Not Detected.					
	42 Carbon tetrachloride	117	Compound Not Detected.					
	43 2,2,4-Trimethylpentane	57	Compound Not Detected.					
	44 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	46 n-Heptane	43	13.605	13.604	(0.972)	2327	0.03776	0.0076(aQ)
*	47 1,4-Difluorobenzene	114	13.994	13.994	(1.000)	1971722	10.0000	
	49 Trichloroethene	95	Compound Not Detected.					
	50 1,2-Dichloropropane	63	Compound Not Detected.					
	51 Methyl methacrylate	69	Compound Not Detected.					
	53 1,4-Dioxane	88	Compound Not Detected.					
	54 Bromodichloromethane	83	Compound Not Detected.					
	55 1,3-Dichloropropene (cis)	75	Compound Not Detected.					
	56 Methyl isobutyl ketone	43	Compound Not Detected.					
	58 Toluene	92	Compound Not Detected.					
	59 1,3-Dichloropropene (trans)	75	Compound Not Detected.					
	60 1,1,2-Trichloroethane	83	Compound Not Detected.					
	61 Tetrachloroethene	166	Compound Not Detected.					
	62 2-Hexanone	43	Compound Not Detected.					
	63 Dibromochloromethane	129	Compound Not Detected.					
	64 1,2-Dibromoethane	107	Compound Not Detected.					
*	65 Chlorobenzene-d5	117	19.507	19.512	(1.000)	1619709	10.0000	
	66 Chlorobenzene	112	Compound Not Detected.					
	68 Ethylbenzene	91	Compound Not Detected.					
	69 Xylene (m,p)	106	Compound Not Detected.					
M	70 Xylenes, Total	106	Compound Not Detected.					
	71 Xylene (o)	106	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppb v/v)	CONCENTRATIONS FINAL (ppb v/v)
72 Styrene	104	Compound Not Detected.					
73 Bromoform	173	Compound Not Detected.					
74 Isopropylbenzene	105	Compound Not Detected.					
75 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
76 n-Propylbenzene	91	Compound Not Detected.					
79 4-Ethyltoluene	105	Compound Not Detected.					
80 2-Chlorotoluene	91	Compound Not Detected.					
81 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
83 tert-butylbenzene	119	Compound Not Detected.					
84 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
85 sec-Butylbenzene	105	Compound Not Detected.					
86 4-Isopropyltoluene	119	Compound Not Detected.					
87 1,3-Dichlorobenzene	146	Compound Not Detected.					
88 1,4-Dichlorobenzene	146	Compound Not Detected.					
89 Benzyl chloride	91	Compound Not Detected.					
91 n-Butylbenzene	91	Compound Not Detected.					
92 1,2-Dichlorobenzene	146	Compound Not Detected.					
94 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
95 1,3-Hexachlorobutadiene	225	Compound Not Detected.					
96 Naphthalene	128	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File:	cktd014.d	Date:	04-MAY-2012 21:44
Client ID:	3399	Instrument:	C.i
Operator:	pad	Inj Vol:	200.0
Column Type:	Capillary	Diameter:	0.32
Stationary Phase:	RTX-624		
Sample Info:	200-10659-A-12		
Lab Sample ID:	200-10659-12		



Manual Integration Report

Data File: cktd014.d
Lab Sample ID: 200-10659-12
Inj. Date and Time: 04-MAY-2012 21:44
Instrument ID: C.i
Client ID: 3399
Compound: 20 Acetone
CAS #: 67-64-1
Report Date: 05/07/2012

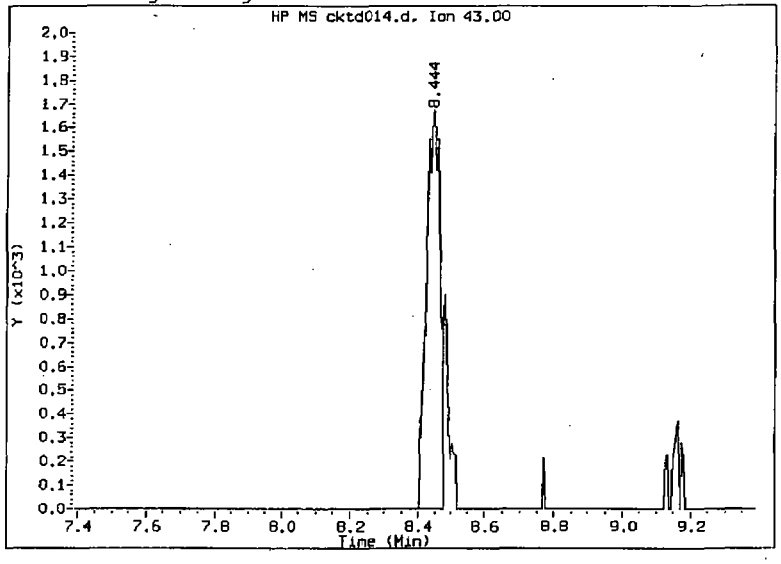
Processing Integration Results

RT: 8.44

Response: 4841

Amount: 0.130119

Conc: 0.026024



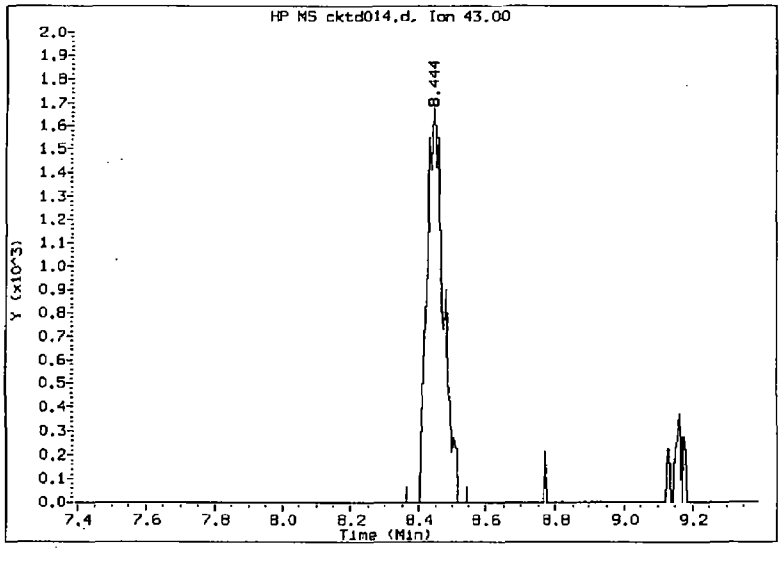
Manual Integration Results

RT: 8.44

Response: 5725

Amount: 0.153870

Conc: 0.030774



File Uploaded By: pd
Manual Integration Reason: Baseline event

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-37839/3	ckt003.d
Level 2	IC 200-37839/4	ckt004.d
Level 3	IC 200-37839/5	ckt005.d
Level 4	IC 200-37839/6	ckt006.d
Level 5	ICIS 200-37839/7	ckt007.d
Level 6	IC 200-37839/8	ckt008.d
Level 7	IC 200-37839/9	ckt009.d
Level 8	IC 200-37839/10	ckt010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.5694	+++++ 0.5454	0.7820 0.4964	0.6813	0.5909	Ave		0.6109				17.0		30.0			
Dichlorodifluoromethane	+++++ 2.6330	+++++ 2.5828	3.0831 2.3973	2.9723	2.7027	Ave		2.7285				9.4		30.0			
Freon 22	+++++ 1.2680	+++++ 1.2543	1.5901 1.1607	1.4990	1.3356	Ave		1.3513				12.0		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.9528	3.6012 2.9507	3.3356 2.7550	3.3028	3.0513	Ave		3.1356				9.2		30.0			
Chloromethane	+++++ 0.7801	+++++ 0.7678	1.0028 0.7067	0.9093	0.8127	Ave		0.8299				13.0		30.0			
n-Butane	+++++ 1.2806	+++++ 1.2368	1.5919 1.1263	1.4802	1.3168	Ave		1.3387				12.7		30.0			
1,3-Butadiene	+++++ 0.7200	0.8705 0.7230	0.8148 0.6698	0.8124	0.7468	Ave		0.7653				9.1		30.0			
Acrolein	+++++ 0.3405	+++++ 0.3419	+++++ 0.3235	0.3566	0.3374	Ave		0.3400				3.5		30.0			
Vinyl chloride	1.3219 1.0177	1.2366 1.0126	1.1765 0.9430	1.1513	1.0509	Ave		1.1138				11.6		30.0			
Bromomethane	+++++ 0.9475	1.2065 0.9642	1.1220 0.8936	1.0654	0.9863	Ave		1.0265				10.7		30.0			
Chloroethane	+++++ 0.5505	+++++ 0.5511	0.6386 0.5229	0.6009	0.5667	Ave		0.5718				7.3		30.0			
Isopentane	+++++ 1.0070	1.2751 1.0086	1.2027 0.9307	1.1318	1.0603	Ave		1.0880				11.2		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.0012	1.0759 1.0399	1.0836 1.0104	1.0442	1.0295	Ave		1.0407				3.0		30.0			
Trichlorofluoromethane	+++++ 2.6578	3.1431 2.7194	2.9810 2.6057	2.8856	2.7601	Ave		2.8218				6.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.5809	+++++ 1.5704	1.7888 1.4628	1.7429	1.6364	Ave		1.6304				7.4		30.0			
Isopropyl alcohol	+++++ 0.7920	+++++ 0.8846	+++++ 0.7714	0.9070	0.8791	Ave		0.8468				7.2		30.0			
Ethanol	+++++ 0.2929	+++++ 0.3140	0.3749 0.2870	0.3051	0.3162	Ave		0.3150				10.0		30.0			
Ethyl ether	+++++ 0.7054	0.7581 0.6992	0.7591 0.6493	0.7343	0.6962	Ave		0.7145				5.5		30.0			
tert-Butyl alcohol	+++++ 1.2902	+++++ 1.3785	+++++ 1.2563	1.4408	1.3322	Ave		1.3396				5.4		30.0			
Freon TF	+++++ 2.0782	2.3213 2.1234	2.1858 2.0473	2.1644	2.0898	Ave		2.1443				4.3		30.0			
1,1-Dichloroethene	+++++ 1.0132	1.2617 1.0475	1.0960 1.0120	1.0445	1.0190	Ave		1.0706				8.3		30.0			
Acetone	+++++ 1.0866	+++++ 1.0538	+++++ 1.0424	1.3764	1.2411	Ave		1.1601				12.5		30.0			
Carbon disulfide	+++++ 2.9923	+++++ 3.0802	3.1510 2.9863	3.1832	3.0574	Ave		3.0751				2.6		30.0			
3-Chloropropene	+++++ 1.0253	1.2584 1.0182	1.1394 0.9421	1.1015	1.0568	Ave		1.0774				9.4		30.0			
Acetonitrile	+++++ 0.5646	+++++ 0.5535	+++++ 0.5148	0.5857	0.5636	Ave		0.5564				4.7		30.0			
Methylene Chloride	+++++ 0.9478	+++++ 0.9309	1.2874 0.8698	1.0685	0.9653	Ave		1.0116				14.8		30.0			
Methyl tert-butyl ether	+++++ 2.8492	3.1464 2.8493	3.1085 2.6479	2.9237	2.7933	Ave		2.9026				6.0		30.0			
trans-1,2-Dichloroethene	+++++ 1.4761	1.6266 1.4685	1.5578 1.3820	1.5762	1.4970	Ave		1.5120				5.4		30.0			
Acrylonitrile	+++++ 0.6497	+++++ 0.6505	0.6601 0.6142	0.6674	0.6403	Ave		0.6470				2.9		30.0			
Ethyl acetate	+++++ 0.0984	+++++ 0.0980	+++++ 0.0928	0.0973	0.0952	Ave		0.0964				2.4		30.0			
n-Butanol	+++++ 0.0700	+++++ 0.0793	+++++ 0.0806	0.0755	0.0737	Ave		0.0758				5.6		30.0			
n-Hexane	+++++ 1.6918	1.9972 1.6766	1.8566 1.5741	1.8129	1.7117	Ave		1.7601				7.9		30.0			
1,1-Dichloroethane	+++++ 1.8938	2.1675 1.8840	2.0917 1.7735	2.0219	1.9195	Ave		1.9645				6.9		30.0			
Vinyl acetate	+++++ 1.9686	+++++ 1.9439	+++++ 1.7947	2.0716	1.9608	Ave		1.9479				5.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	+++++ 1.1663	1.4456 1.1790	1.3066 1.1454	1.2221	1.1779	Ave		1.2347				8.7		30.0			
Methyl Ethyl Ketone	+++++ 0.5093	+++++ 0.5108	0.5441 0.4716	0.5228	0.5007	Ave		0.5099				4.7		30.0			
Tetrahydrofuran	+++++ 0.1622	+++++ 0.1601	+++++ 0.1573	0.1742	0.1614	Ave		0.1630				4.0		30.0			
Chloroform	+++++ 2.2162	2.5815 2.2137	2.4046 2.1164	2.3420	2.2253	Ave		2.3000				6.8		30.0			
1,1,1-Trichloroethane	+++++ 0.4314	0.4582 0.4373	0.4294 0.4611	0.4386	0.4272	Ave		0.4405				3.1		30.0			
Cyclohexane	+++++ 0.3142	0.3356 0.3201	0.3099 0.3336	0.3098	0.3087	Ave		0.3188				3.6		30.0			
2,2,4-Trimethylpentane	+++++ 0.9649	1.0804 0.9596	0.9985 0.9376	0.9981	0.9658	Ave		0.9864				4.7		30.0			
Benzene	+++++ 0.6514	0.7334 0.6546	0.6717 0.6617	0.6555	0.6420	Ave		0.6672				4.6		30.0			
1,2-Dichloroethane	+++++ 0.2412	0.2824 0.2405	0.2544 0.2457	0.2546	0.2414	Ave		0.2514				5.9		30.0			
n-Heptane	+++++ 0.3017	0.3472 0.2971	0.3218 0.2929	0.3224	0.3049	Ave		0.3126				6.1		30.0			
Carbon tetrachloride	0.5456 0.4621	0.4719 0.4752	0.4435 0.5095	0.4641	0.4547	Ave		0.4783				7.0		30.0			
1,2-Dichloropropane	+++++ 0.2222	0.2479 0.2220	0.2267 0.2240	0.2292	0.2209	Ave		0.2276				4.1		30.0			
Methyl methacrylate	+++++ 0.2073	+++++ 0.2112	0.1759 0.2156	0.1986	0.1980	Ave		0.2011				7.0		30.0			
1,4-Dioxane	+++++ 0.0769	+++++ 0.0872	+++++ 0.0838	0.0850	0.0859	Ave		0.0838				4.8		30.0			
Dibromomethane	+++++ 0.2328	0.2137 0.2430	0.2058 0.2689	0.2216	0.2245	Ave		0.2300				9.1		30.0			
Bromodichloromethane	+++++ 0.4482	0.4332 0.4515	0.4096 0.4630	0.4511	0.4410	Ave		0.4425				3.9		30.0			
cis-1,3-Dichloropropene	+++++ 0.3538	0.3619 0.3569	0.3482 0.3671	0.3511	0.3462	Ave		0.3550				2.1		30.0			
methyl isobutyl ketone	+++++ 0.3106	+++++ 0.3076	0.3093 0.2961	0.3229	0.3037	Ave		0.3084				2.9		30.0			
Trichloroethene	0.3723 0.2895	0.3036 0.2929	0.2879 0.3078	0.2883	0.2843	Ave		0.3033				9.6		30.0			
Toluene	+++++ 0.5156	0.5815 0.5340	0.5147 0.5508	0.5123	0.5071	Ave		0.5309				5.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.4021	0.4636 0.3899	0.4368 0.3687	0.4375	0.4084	Ave		0.4153				7.8		30.0			
trans-1,3-Dichloropropene	+++++ 0.3473	0.3379 0.3515	0.3118 0.3647	0.3438	0.3378	Ave		0.3421				4.7		30.0			
1,1,2-Trichloroethane	+++++ 0.2443	0.2829 0.2506	0.2461 0.2545	0.2482	0.2411	Ave		0.2525				5.6		30.0			
Tetrachloroethene	+++++ 0.4161	0.4344 0.4394	0.3878 0.4897	0.3958	0.4041	Ave		0.4239				8.2		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.3215	+++++ 0.3275	0.2919 0.3167	0.3258	0.3151	Ave		0.3164				4.1		30.0			
Dibromochloromethane	+++++ 0.5198	0.4387 0.5450	0.4013 0.5857	0.4844	0.5033	Ave		0.4969				12.6		30.0			
1,2-Dibromoethane	+++++ 0.4554	0.4519 0.4737	0.4097 0.4949	0.4418	0.4478	Ave		0.4536				5.8		30.0			
Chlorobenzene	+++++ 0.7144	0.8017 0.7410	0.7035 0.7791	0.7007	0.6995	Ave		0.7343				5.6		30.0			
Ethylbenzene	+++++ 1.1087	1.1865 1.1417	1.0880 1.1892	1.0856	1.0739	Ave		1.1248				4.3		30.0			
n-Nonane	+++++ 0.4866	0.4882 0.4869	0.4829 0.4719	0.4994	0.4827	Ave		0.4855				1.7		30.0			
m,p-Xylene	+++++ 0.4640	0.4480 0.4800	0.4194 0.4883	0.4450	0.4466	Ave		0.4559				5.1		30.0			
Xylene, o-	+++++ 0.4442	0.4465 0.4585	0.4097 0.4775	0.4352	0.4325	Ave		0.4434				4.8		30.0			
Styrene	+++++ 0.6903	0.5073 0.7141	0.5000 0.7666	0.6337	0.6578	Ave		0.6385				15.9		30.0			
Bromoform	+++++ 0.5054	0.3624 0.5388	0.3472 0.6017	0.4613	0.4808	Ave		0.4711				19.4		30.0			
Cumene	+++++ 1.2750	1.2226 1.3242	1.1435 1.3986	1.2271	1.2286	Ave		1.2599				6.5		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6447	0.6789 0.6525	0.6326 0.6481	0.6631	0.6369	Ave		0.6510				2.4		30.0			
1,2,3-Trichloropropane	+++++ 0.4875	+++++ 0.4834	0.4862 0.4415	0.5116	0.4865	Ave		0.4828				4.7		30.0			
n-Propylbenzene	+++++ 1.5403	1.3458 1.5562	1.3323 1.5219	1.5019	1.4829	Ave		1.4688				6.3		30.0			
n-Decane	+++++ 0.5431	+++++ 0.4819	0.4308 0.3446	0.6025	0.5702	Ave		0.4955				19.4		30.0			
4-Ethyltoluene	+++++ 1.3340	1.0796 1.3157	1.0992 1.1289	1.2989	1.2967	Ave		1.2218				9.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.0808	1.1015 1.0574	1.0068 0.9054	1.1085	1.0770	Ave		1.0482				6.8		30.0			
1,3,5-Trimethylbenzene	+++++ 1.1062	0.9946 1.1276	0.9157 1.1880	1.0632	1.0591	Ave		1.0649				8.4		30.0			
Alpha Methyl Styrene	+++++ 0.5751	0.3733 0.5858	0.3592 0.6478	0.5246	0.5432	Ave		0.5155				21.2		30.0			
tert-Butylbenzene	+++++ 1.0626	0.9640 1.1010	0.9095 1.1662	1.0126	1.0095	Ave		1.0322				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 1.1087	0.9665 1.1137	0.9160 1.1868	1.0757	1.0629	Ave		1.0615				8.7		30.0			
sec-Butylbenzene	+++++ 1.5994	1.4014 1.6343	1.2957 1.7127	1.5258	1.5221	Ave		1.5273				9.3		30.0			
4-Isopropyltoluene	+++++ 1.3673	1.1137 1.3994	1.0357 1.4851	1.2763	1.2873	Ave		1.2807				12.4		30.0			
1,3-Dichlorobenzene	+++++ 0.7463	0.6651 0.7650	0.5862 0.8755	0.6997	0.7038	Ave		0.7202				12.5		30.0			
1,4-Dichlorobenzene	+++++ 0.7271	0.6556 0.7452	0.5698 0.8663	0.6819	0.6837	Ave		0.7042				12.9		30.0			
Benzyl chloride	+++++ 0.8854	0.6391 0.8997	0.6342 0.9732	0.8371	0.8440	Ave		0.8161				16.0		30.0			
n-Butylbenzene	+++++ 1.1629	0.8806 1.1425	0.8315 1.1917	1.0981	1.0994	Ave		1.0581				13.5		30.0			
n-Undecane	+++++ 0.6067	+++++ 0.5309	+++++ 0.5337	0.5440	0.5773	Ave		0.5585				5.8		30.0			
1,2-Dichlorobenzene	+++++ 0.7042	0.6457 0.7123	0.5655 0.8145	0.6702	0.6697	Ave		0.6832				11.0		30.0			
n-Dodecane	+++++ 0.2889	+++++ 0.2332	+++++ 0.3261	0.2877	0.2680	Ave		0.2808				12.1		30.0			
1,2,4-Trichlorobenzene	+++++ 0.3579	+++++ 0.3127	0.2696 0.4383	0.3147	0.3234	Ave		0.3361				17.1		30.0			
Hexachlorobutadiene	+++++ 0.3715	0.4166 0.3616	0.3260 0.4544	0.3506	0.3462	Ave		0.3753				11.9		30.0			
Naphthalene	+++++ 0.7910	+++++ 0.6450	0.5510 0.9441	0.7049	0.7308	Ave		0.7278				18.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.2758	0.3107 0.2306	0.2217 0.3179	0.2608	0.2543	Ave		0.2674				13.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-37839/3	ckt003.d
Level 2	IC 200-37839/4	ckt004.d
Level 3	IC 200-37839/5	ckt005.d
Level 4	IC 200-37839/6	ckt006.d
Level 5	ICIS 200-37839/7	ckt007.d
Level 6	IC 200-37839/8	ckt008.d
Level 7	IC 200-37839/9	ckt009.d
Level 8	IC 200-37839/10	ckt010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 382799	+++++ 519446	14433 1009449	129469	248781	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1769983	+++++ 2459636	56901 4875480	564855	1137830	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 852379	+++++ 1194469	29347 2360641	284871	562309	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1984971	27467 2810027	61561 5602887	627658	1284602	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 524399	+++++ 731191	18508 1437200	172806	342163	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 860841	+++++ 1177817	29379 2290566	281284	554360	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 483985	6639 688557	15037 1362142	154378	314393	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 228907	+++++ 325635	+++++ 657953	67768	142064	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	2131 684104	9432 964293	21713 1917755	218792	442444	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 636963	9202 918271	20708 1817325	202465	415218	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 370088	+++++ 524837	11785 1063485	114196	238586	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 676916	9725 960554	22196 1892721	215079	446402	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 673049	8206 990312	19999 2054835	198440	433416	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1786690	23973 2589738	55016 5299230	548365	1162031	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 1062751	+++++ 1495558	33014 2974958	331224	688939	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl alcohol	BCM	Ave	+++++ 532412	+++++ 842452	+++++ 1568730	172367	370103	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Ethanol	BCM	Ave	+++++ 262513	+++++ 598039	69196 1459091	115960	199671	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 474211	5782 665876	14009 1320432	139537	293123	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 867292	+++++ 1312739	+++++ 2554961	273809	560880	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1397017	17705 2022164	40340 4163676	411313	879800	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 681116	9623 997571	20228 2058050	198500	429000	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 730440	+++++ 1003606	+++++ 2119896	261573	522515	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 2011524	+++++ 2933341	58154 6073286	604925	1287168	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 689262	9598 969683	21029 1915895	209328	444928	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 379524	+++++ 527155	+++++ 1046946	111299	237285	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 637112	+++++ 886536	23759 1768876	203055	406375	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1915313	23998 2713425	57369 5385195	555619	1176004	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 992262	12406 1398475	28751 2810583	299544	630235	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 436735	+++++ 619491	12183 1249082	126824	269559	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 66176	+++++ 93322	+++++ 188690	18496	40087	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 258893	+++++ 410612	+++++ 812514	81262	173298	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 1137315	15233 1596693	34265 3201344	344525	720610	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 1273046	16532 1794144	38603 3606817	384229	808119	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 1323358	+++++ 1851179	+++++ 3649865	393688	825517	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 784022	11026 1122831	24114 2329396	232241	495911	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 342354	+++++ 486464	10042 959045	99346	210802	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrahydrofuran	DFB	Ave	+++++ 599458	+++++ 828281	+++++ 1586380	187495	379661	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Chloroform	BCM	Ave	+++++ 1489825	19689 2108174	44378 4304191	445068	936860	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 1594551	20028 2262806	45706 4650361	472135	1004652	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 1161233	14669 1656518	32982 3364928	333471	725931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3566377	47224 4965752	106282 9455656	1074442	2271514	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2407830	32058 3387522	71493 6673400	705594	1509857	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 891372	12343 1244330	27078 2478045	274014	567763	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 1115056	15178 1537258	34253 2954045	347005	717189	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	5020 1707984	20627 2459279	47206 5138156	499526	1069341	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 821324	10834 1149084	24132 2259444	246681	519450	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 766234	+++++ 1092984	18721 2174664	213829	465615	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 284129	+++++ 451320	+++++ 845140	91530	202025	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 860563	9341 1257262	21909 2711629	238590	527970	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 1656488	18935 2336434	43596 4669794	485594	1037189	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1307614	15820 1847030	37066 3702082	377958	814262	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1147861	+++++ 1592025	32916 2985826	347635	714378	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	3425 1070042	13271 1515795	30643 3104359	310368	668551	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 1711788	21851 2441157	48786 4947586	496972	1059678	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1486318	20264 2017543	46493 3718745	470948	960634	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1283785	14771 1818871	33187 3678311	370094	794479	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 811135	10630 1145722	23324 2286189	240771	503864	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 1381394	16324 2008690	36756 4398603	383914	844477	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1067249	+++++ 1496946	27666 2844913	316065	658579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 1725746	16487 2491449	38037 5260659	469915	1051789	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 1511840	16980 2165244	38835 4445238	428576	935712	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 2371780	30125 3387257	66676 6997615	679662	1461751	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 3680894	44587 5218956	103120 10681135	1053120	2244107	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1615563	18346 2225521	45768 4238828	484479	1008690	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3081164	33670 4388362	79501 8771956	863414	1866701	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 1474735	16778 2095873	38832 4289299	422158	903820	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2291837	19064 3264445	47386 6885489	614720	1374539	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 1678054	13618 2463104	32908 5404140	447467	1004738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 4232808	45944 6053167	108379 12562154	1190381	2567394	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2140428	25511 2982526	59957 5821236	643191	1330973	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1618321	+++++ 2209612	46080 3965250	496275	1016717	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5113779	50573 7113807	126281 13669417	1456908	3098925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1803018	+++++ 2202811	40835 3095193	584430	1191563	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4428813	40571 6014184	104181 10139551	1259960	2709742	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3588355	41392 4833659	95429 8132286	1075275	2250616	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3672480	37377 5154415	86794 10670358	1031376	2213327	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	+++++ 1909175	14027 2677748	34046 5818255	508850	1135098	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 3527709	36225 5032928	86199 10475126	982298	2109583	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI

AIR - GC/MS VOA INITIAL CALIBRATION DATA

INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10636-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3681007	36319 5091004	86818 10660105	1043437	2221239	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 5309835	52664 7470381	122808 15383239	1480084	3180882	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 4539267	41850 6396856	98166 13339437	1238054	2690227	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2477682	24995 3496686	55564 7863429	678731	1470662	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2413987	24637 3406472	54003 7780939	661466	1428752	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2939623	24018 4112572	60108 8741405	811986	1763764	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3860790	33091 5222709	78815 10703953	1065164	2297395	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 2014340	+++++ 2426956	+++++ 4793719	527672	1206483	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2337912	24264 3256209	53602 7315991	650139	1399564	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 959071	+++++ 1065856	+++++ 2929423	279045	560040	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1188091	+++++ 1429288	25553 3937096	305304	675838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1233211	15656 1652710	30900 4081343	340101	723504	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2625973	+++++ 2948224	52226 8479971	683763	1527100	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 915807	11676 1053908	21012 2855082	252973	531501	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:

Ave = Average ISTD

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-37839/3	ckt003.d
Level 2	IC 200-37839/4	ckt004.d
Level 3	IC 200-37839/5	ckt005.d
Level 4	IC 200-37839/6	ckt006.d
Level 5	ICIS 200-37839/7	ckt007.d
Level 6	IC 200-37839/8	ckt008.d
Level 7	IC 200-37839/9	ckt009.d
Level 8	IC 200-37839/10	ckt010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.5694	+++++ 0.5454	0.7820 0.4964	0.6813	0.5909	Ave		0.6109				17.0		30.0			
Dichlorodifluoromethane	+++++ 2.6330	+++++ 2.5828	3.0831 2.3973	2.9723	2.7027	Ave		2.7285				9.4		30.0			
Freon 22	+++++ 1.2680	+++++ 1.2543	1.5901 1.1607	1.4990	1.3356	Ave		1.3513				12.0		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 2.9528	3.6012 2.9507	3.3356 2.7550	3.3028	3.0513	Ave		3.1356				9.2		30.0			
Chloromethane	+++++ 0.7801	+++++ 0.7678	1.0028 0.7067	0.9093	0.8127	Ave		0.8299				13.0		30.0			
n-Butane	+++++ 1.2806	+++++ 1.2368	1.5919 1.1263	1.4802	1.3168	Ave		1.3387				12.7		30.0			
1,3-Butadiene	+++++ 0.7200	0.8705 0.7230	0.8148 0.6698	0.8124	0.7468	Ave		0.7653				9.1		30.0			
Acrolein	+++++ 0.3405	+++++ 0.3419	+++++ 0.3235	0.3566	0.3374	Ave		0.3400				3.5		30.0			
Vinyl chloride	1.3219 1.0177	1.2366 1.0126	1.1765 0.9430	1.1513	1.0509	Ave		1.1138				11.6		30.0			
Bromomethane	+++++ 0.9475	1.2065 0.9642	1.1220 0.8936	1.0654	0.9863	Ave		1.0265				10.7		30.0			
Chloroethane	+++++ 0.5505	+++++ 0.5511	0.6386 0.5229	0.6009	0.5667	Ave		0.5718				7.3		30.0			
Isopentane	+++++ 1.0070	1.2751 1.0086	1.2027 0.9307	1.1318	1.0603	Ave		1.0880				11.2		30.0			
Bromoethene(Vinyl Bromide)	+++++ 1.0012	1.0759 1.0399	1.0836 1.0104	1.0442	1.0295	Ave		1.0407				3.0		30.0			
Trichlorofluoromethane	+++++ 2.6578	3.1431 2.7194	2.9810 2.6057	2.8856	2.7601	Ave		2.8218				6.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Pentane	+++++ 1.5809	+++++ 1.5704	1.7888 1.4628	1.7429	1.6364	Ave		1.6304				7.4		30.0			
Isopropyl alcohol	+++++ 0.7920	+++++ 0.8846	+++++ 0.7714	0.9070	0.8791	Ave		0.8468				7.2		30.0			
Ethanol	+++++ 0.2929	+++++ 0.3140	0.3749 0.2870	0.3051	0.3162	Ave		0.3150				10.0		30.0			
Ethyl ether	+++++ 0.7054	0.7581 0.6992	0.7591 0.6493	0.7343	0.6962	Ave		0.7145				5.5		30.0			
tert-Butyl alcohol	+++++ 1.2902	+++++ 1.3785	+++++ 1.2563	1.4408	1.3322	Ave		1.3396				5.4		30.0			
Freon TF	+++++ 2.0782	2.3213 2.1234	2.1858 2.0473	2.1644	2.0898	Ave		2.1443				4.3		30.0			
1,1-Dichloroethene	+++++ 1.0132	1.2617 1.0475	1.0960 1.0120	1.0445	1.0190	Ave		1.0706				8.3		30.0			
Acetone	+++++ 1.0866	+++++ 1.0538	+++++ 1.0424	1.3764	1.2411	Ave		1.1601				12.5		30.0			
Carbon disulfide	+++++ 2.9923	+++++ 3.0802	3.1510 2.9863	3.1832	3.0574	Ave		3.0751				2.6		30.0			
3-Chloropropene	+++++ 1.0253	1.2584 1.0182	1.1394 0.9421	1.1015	1.0568	Ave		1.0774				9.4		30.0			
Acetonitrile	+++++ 0.5646	+++++ 0.5535	+++++ 0.5148	0.5857	0.5636	Ave		0.5564				4.7		30.0			
Methylene Chloride	+++++ 0.9478	+++++ 0.9309	1.2874 0.8698	1.0685	0.9653	Ave		1.0116				14.8		30.0			
Methyl tert-butyl ether	+++++ 2.8492	3.1464 2.8493	3.1085 2.6479	2.9237	2.7933	Ave		2.9026				6.0		30.0			
trans-1,2-Dichloroethene	+++++ 1.4761	1.6266 1.4685	1.5578 1.3820	1.5762	1.4970	Ave		1.5120				5.4		30.0			
Acrylonitrile	+++++ 0.6497	+++++ 0.6505	0.6601 0.6142	0.6674	0.6403	Ave		0.6470				2.9		30.0			
Ethyl acetate	+++++ 0.0984	+++++ 0.0980	+++++ 0.0928	0.0973	0.0952	Ave		0.0964				2.4		30.0			
n-Butanol	+++++ 0.0700	+++++ 0.0793	+++++ 0.0806	0.0755	0.0737	Ave		0.0758				5.6		30.0			
n-Hexane	+++++ 1.6918	1.9972 1.6766	1.8566 1.5741	1.8129	1.7117	Ave		1.7601				7.9		30.0			
1,1-Dichloroethane	+++++ 1.8938	2.1675 1.8840	2.0917 1.7735	2.0219	1.9195	Ave		1.9645				6.9		30.0			
Vinyl acetate	+++++ 1.9686	+++++ 1.9439	+++++ 1.7947	2.0716	1.9608	Ave		1.9479				5.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	+++++ 1.1663	1.4456 1.1790	1.3066 1.1454	1.2221	1.1779	Ave		1.2347				8.7		30.0			
Methyl Ethyl Ketone	+++++ 0.5093	+++++ 0.5108	0.5441 0.4716	0.5228	0.5007	Ave		0.5099				4.7		30.0			
Tetrahydrofuran	+++++ 0.1622	+++++ 0.1601	+++++ 0.1573	0.1742	0.1614	Ave		0.1630				4.0		30.0			
Chloroform	+++++ 2.2162	2.5815 2.2137	2.4046 2.1164	2.3420	2.2253	Ave		2.3000				6.8		30.0			
1,1,1-Trichloroethane	+++++ 0.4314	0.4582 0.4373	0.4294 0.4611	0.4386	0.4272	Ave		0.4405				3.1		30.0			
Cyclohexane	+++++ 0.3142	0.3356 0.3201	0.3099 0.3336	0.3098	0.3087	Ave		0.3188				3.6		30.0			
2,2,4-Trimethylpentane	+++++ 0.9649	1.0804 0.9596	0.9985 0.9376	0.9981	0.9658	Ave		0.9864				4.7		30.0			
Benzene	+++++ 0.6514	0.7334 0.6546	0.6717 0.6617	0.6555	0.6420	Ave		0.6672				4.6		30.0			
1,2-Dichloroethane	+++++ 0.2412	0.2824 0.2405	0.2544 0.2457	0.2546	0.2414	Ave		0.2514				5.9		30.0			
n-Heptane	+++++ 0.3017	0.3472 0.2971	0.3218 0.2929	0.3224	0.3049	Ave		0.3126				6.1		30.0			
Carbon tetrachloride	0.5456 0.4621	0.4719 0.4752	0.4435 0.5095	0.4641	0.4547	Ave		0.4783				7.0		30.0			
1,2-Dichloropropane	+++++ 0.2222	0.2479 0.2220	0.2267 0.2240	0.2292	0.2209	Ave		0.2276				4.1		30.0			
Methyl methacrylate	+++++ 0.2073	+++++ 0.2112	0.1759 0.2156	0.1986	0.1980	Ave		0.2011				7.0		30.0			
1,4-Dioxane	+++++ 0.0769	+++++ 0.0872	+++++ 0.0838	0.0850	0.0859	Ave		0.0838				4.8		30.0			
Dibromomethane	+++++ 0.2328	0.2137 0.2430	0.2058 0.2689	0.2216	0.2245	Ave		0.2300				9.1		30.0			
Bromodichloromethane	+++++ 0.4482	0.4332 0.4515	0.4096 0.4630	0.4511	0.4410	Ave		0.4425				3.9		30.0			
cis-1,3-Dichloropropene	+++++ 0.3538	0.3619 0.3569	0.3482 0.3671	0.3511	0.3462	Ave		0.3550				2.1		30.0			
methyl isobutyl ketone	+++++ 0.3106	+++++ 0.3076	0.3093 0.2961	0.3229	0.3037	Ave		0.3084				2.9		30.0			
Trichloroethene	0.3723 0.2895	0.3036 0.2929	0.2879 0.3078	0.2883	0.2843	Ave		0.3033				9.6		30.0			
Toluene	+++++ 0.5156	0.5815 0.5340	0.5147 0.5508	0.5123	0.5071	Ave		0.5309				5.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.4021	0.4636 0.3899	0.4368 0.3687	0.4375	0.4084	Ave		0.4153				7.8		30.0			
trans-1,3-Dichloropropene	+++++ 0.3473	0.3379 0.3515	0.3118 0.3647	0.3438	0.3378	Ave		0.3421				4.7		30.0			
1,1,2-Trichloroethane	+++++ 0.2443	0.2829 0.2506	0.2461 0.2545	0.2482	0.2411	Ave		0.2525				5.6		30.0			
Tetrachloroethene	+++++ 0.4161	0.4344 0.4394	0.3878 0.4897	0.3958	0.4041	Ave		0.4239				8.2		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.3215	+++++ 0.3275	0.2919 0.3167	0.3258	0.3151	Ave		0.3164				4.1		30.0			
Dibromochloromethane	+++++ 0.5198	0.4387 0.5450	0.4013 0.5857	0.4844	0.5033	Ave		0.4969				12.6		30.0			
1,2-Dibromoethane	+++++ 0.4554	0.4519 0.4737	0.4097 0.4949	0.4418	0.4478	Ave		0.4536				5.8		30.0			
Chlorobenzene	+++++ 0.7144	0.8017 0.7410	0.7035 0.7791	0.7007	0.6995	Ave		0.7343				5.6		30.0			
Ethylbenzene	+++++ 1.1087	1.1865 1.1417	1.0880 1.1892	1.0856	1.0739	Ave		1.1248				4.3		30.0			
n-Nonane	+++++ 0.4866	0.4882 0.4869	0.4829 0.4719	0.4994	0.4827	Ave		0.4855				1.7		30.0			
m,p-Xylene	+++++ 0.4640	0.4480 0.4800	0.4194 0.4883	0.4450	0.4466	Ave		0.4559				5.1		30.0			
Xylene, o-	+++++ 0.4442	0.4465 0.4585	0.4097 0.4775	0.4352	0.4325	Ave		0.4434				4.8		30.0			
Styrene	+++++ 0.6903	0.5073 0.7141	0.5000 0.7666	0.6337	0.6578	Ave		0.6385				15.9		30.0			
Bromoform	+++++ 0.5054	0.3624 0.5388	0.3472 0.6017	0.4613	0.4808	Ave		0.4711				19.4		30.0			
Cumene	+++++ 1.2750	1.2226 1.3242	1.1435 1.3986	1.2271	1.2286	Ave		1.2599				6.5		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6447	0.6789 0.6525	0.6326 0.6481	0.6631	0.6369	Ave		0.6510				2.4		30.0			
1,2,3-Trichloropropane	+++++ 0.4875	+++++ 0.4834	0.4862 0.4415	0.5116	0.4865	Ave		0.4828				4.7		30.0			
n-Propylbenzene	+++++ 1.5403	1.3458 1.5562	1.3323 1.5219	1.5019	1.4829	Ave		1.4688				6.3		30.0			
n-Decane	+++++ 0.5431	+++++ 0.4819	0.4308 0.3446	0.6025	0.5702	Ave		0.4955				19.4		30.0			
4-Ethyltoluene	+++++ 1.3340	1.0796 1.3157	1.0992 1.1289	1.2989	1.2967	Ave		1.2218				9.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 1.0808	1.1015 1.0574	1.0068 0.9054	1.1085	1.0770	Ave		1.0482				6.8		30.0			
1,3,5-Trimethylbenzene	+++++ 1.1062	0.9946 1.1276	0.9157 1.1880	1.0632	1.0591	Ave		1.0649				8.4		30.0			
Alpha Methyl Styrene	+++++ 0.5751	0.3733 0.5858	0.3592 0.6478	0.5246	0.5432	Ave		0.5155				21.2		30.0			
tert-Butylbenzene	+++++ 1.0626	0.9640 1.1010	0.9095 1.1662	1.0126	1.0095	Ave		1.0322				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 1.1087	0.9665 1.1137	0.9160 1.1868	1.0757	1.0629	Ave		1.0615				8.7		30.0			
sec-Butylbenzene	+++++ 1.5994	1.4014 1.6343	1.2957 1.7127	1.5258	1.5221	Ave		1.5273				9.3		30.0			
4-Isopropyltoluene	+++++ 1.3673	1.1137 1.3994	1.0357 1.4851	1.2763	1.2873	Ave		1.2807				12.4		30.0			
1,3-Dichlorobenzene	+++++ 0.7463	0.6651 0.7650	0.5862 0.8755	0.6997	0.7038	Ave		0.7202				12.5		30.0			
1,4-Dichlorobenzene	+++++ 0.7271	0.6556 0.7452	0.5698 0.8663	0.6819	0.6837	Ave		0.7042				12.9		30.0			
Benzyl chloride	+++++ 0.8854	0.6391 0.8997	0.6342 0.9732	0.8371	0.8440	Ave		0.8161				16.0		30.0			
n-Butylbenzene	+++++ 1.1629	0.8806 1.1425	0.8315 1.1917	1.0981	1.0994	Ave		1.0581				13.5		30.0			
n-Undecane	+++++ 0.6067	+++++ 0.5309	+++++ 0.5337	0.5440	0.5773	Ave		0.5585				5.8		30.0			
1,2-Dichlorobenzene	+++++ 0.7042	0.6457 0.7123	0.5655 0.8145	0.6702	0.6697	Ave		0.6832				11.0		30.0			
n-Dodecane	+++++ 0.2889	+++++ 0.2332	+++++ 0.3261	0.2877	0.2680	Ave		0.2808				12.1		30.0			
1,2,4-Trichlorobenzene	+++++ 0.3579	+++++ 0.3127	0.2696 0.4383	0.3147	0.3234	Ave		0.3361				17.1		30.0			
Hexachlorobutadiene	+++++ 0.3715	0.4166 0.3616	0.3260 0.4544	0.3506	0.3462	Ave		0.3753				11.9		30.0			
Naphthalene	+++++ 0.7910	+++++ 0.6450	0.5510 0.9441	0.7049	0.7308	Ave		0.7278				18.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.2758	0.3107 0.2306	0.2217 0.3179	0.2608	0.2543	Ave		0.2674				13.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-37839/3	ckt003.d
Level 2	IC 200-37839/4	ckt004.d
Level 3	IC 200-37839/5	ckt005.d
Level 4	IC 200-37839/6	ckt006.d
Level 5	ICIS 200-37839/7	ckt007.d
Level 6	IC 200-37839/8	ckt008.d
Level 7	IC 200-37839/9	ckt009.d
Level 8	IC 200-37839/10	ckt010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 382799	+++++ 519446	14433 1009449	129469	248781	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1769983	+++++ 2459636	56901 4875480	564855	1137830	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 852379	+++++ 1194469	29347 2360641	284871	562309	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1984971	27467 2810027	61561 5602887	627658	1284602	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 524399	+++++ 731191	18508 1437200	172806	342163	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 860841	+++++ 1177817	29379 2290566	281284	554360	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 483985	6639 688557	15037 1362142	154378	314393	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 228907	+++++ 325635	+++++ 657953	67768	142064	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	2131 684104	9432 964293	21713 1917755	218792	442444	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 636963	9202 918271	20708 1817325	202465	415218	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 370088	+++++ 524837	11785 1063485	114196	238586	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 676916	9725 960554	22196 1892721	215079	446402	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 673049	8206 990312	19999 2054835	198440	433416	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1786690	23973 2589738	55016 5299230	548365	1162031	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 1062751	+++++ 1495558	33014 2974958	331224	688939	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl alcohol	BCM	Ave	+++++ 532412	+++++ 842452	+++++ 1568730	172367	370103	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Ethanol	BCM	Ave	+++++ 262513	+++++ 598039	69196 1459091	115960	199671	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 474211	5782 665876	14009 1320432	139537	293123	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 867292	+++++ 1312739	+++++ 2554961	273809	560880	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1397017	17705 2022164	40340 4163676	411313	879800	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 681116	9623 997571	20228 2058050	198500	429000	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 730440	+++++ 1003606	+++++ 2119896	261573	522515	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 2011524	+++++ 2933341	58154 6073286	604925	1287168	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 689262	9598 969683	21029 1915895	209328	444928	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 379524	+++++ 527155	+++++ 1046946	111299	237285	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 637112	+++++ 886536	23759 1768876	203055	406375	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1915313	23998 2713425	57369 5385195	555619	1176004	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 992262	12406 1398475	28751 2810583	299544	630235	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 436735	+++++ 619491	12183 1249082	126824	269559	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 66176	+++++ 93322	+++++ 188690	18496	40087	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 258893	+++++ 410612	+++++ 812514	81262	173298	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 1137315	15233 1596693	34265 3201344	344525	720610	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 1273046	16532 1794144	38603 3606817	384229	808119	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 1323358	+++++ 1851179	+++++ 3649865	393688	825517	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 784022	11026 1122831	24114 2329396	232241	495911	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 342354	+++++ 486464	10042 959045	99346	210802	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrahydrofuran	DFB	Ave	+++++ 599458	+++++ 828281	+++++ 1586380	187495	379661	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Chloroform	BCM	Ave	+++++ 1489825	19689 2108174	44378 4304191	445068	936860	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 1594551	20028 2262806	45706 4650361	472135	1004652	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 1161233	14669 1656518	32982 3364928	333471	725931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 3566377	47224 4965752	106282 9455656	1074442	2271514	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2407830	32058 3387522	71493 6673400	705594	1509857	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 891372	12343 1244330	27078 2478045	274014	567763	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 1115056	15178 1537258	34253 2954045	347005	717189	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	5020 1707984	20627 2459279	47206 5138156	499526	1069341	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 821324	10834 1149084	24132 2259444	246681	519450	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 766234	+++++ 1092984	18721 2174664	213829	465615	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 284129	+++++ 451320	+++++ 845140	91530	202025	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 860563	9341 1257262	21909 2711629	238590	527970	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 1656488	18935 2336434	43596 4669794	485594	1037189	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1307614	15820 1847030	37066 3702082	377958	814262	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1147861	+++++ 1592025	32916 2985826	347635	714378	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	3425 1070042	13271 1515795	30643 3104359	310368	668551	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 1711788	21851 2441157	48786 4947586	496972	1059678	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1486318	20264 2017543	46493 3718745	470948	960634	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1283785	14771 1818871	33187 3678311	370094	794479	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 811135	10630 1145722	23324 2286189	240771	503864	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 1381394	16324 2008690	36756 4398603	383914	844477	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1067249	+++++ 1496946	27666 2844913	316065	658579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 1725746	16487 2491449	38037 5260659	469915	1051789	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 1511840	16980 2165244	38835 4445238	428576	935712	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 2371780	30125 3387257	66676 6997615	679662	1461751	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 3680894	44587 5218956	103120 10681135	1053120	2244107	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1615563	18346 2225521	45768 4238828	484479	1008690	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3081164	33670 4388362	79501 8771956	863414	1866701	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 1474735	16778 2095873	38832 4289299	422158	903820	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2291837	19064 3264445	47386 6885489	614720	1374539	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 1678054	13618 2463104	32908 5404140	447467	1004738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 4232808	45944 6053167	108379 12562154	1190381	2567394	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2140428	25511 2982526	59957 5821236	643191	1330973	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1618321	+++++ 2209612	46080 3965250	496275	1016717	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5113779	50573 7113807	126281 13669417	1456908	3098925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1803018	+++++ 2202811	40835 3095193	584430	1191563	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4428813	40571 6014184	104181 10139551	1259960	2709742	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3588355	41392 4833659	95429 8132286	1075275	2250616	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 3672480	37377 5154415	86794 10670358	1031376	2213327	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Alpha Methyl Styrene	CBZ	Ave	+++++ 1909175	14027 2677748	34046 5818255	508850	1135098	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 3527709	36225 5032928	86199 10475126	982298	2109583	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-10659-1 Analy Batch No.: 37839

SDG No.:

Instrument ID: C.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/30/2012 15:10 Calibration End Date: 04/30/2012 21:22 Calibration ID: 14989

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 3681007	36319 5091004	86818 10660105	1043437	2221239	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 5309835	52664 7470381	122808 15303239	1480084	3180882	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 4539267	41850 6396856	98166 13339437	1238054	2690227	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2477682	24995 3496686	55564 7863429	678731	1470662	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2413987	24637 3406472	54003 7780939	661466	1428752	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2939623	24018 4112572	60108 8741405	811986	1763764	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3860790	33091 5222709	78815 10703953	1065164	2297395	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 2014340	+++++ 2426956	+++++ 4793719	527672	1206483	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2337912	24264 3256209	53602 7315991	650139	1399564	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 959071	+++++ 1065856	+++++ 2929423	279045	560040	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 1188091	+++++ 1429288	25553 3937096	305304	675838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1233211	15656 1652710	30900 4081343	340101	723504	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2625973	+++++ 2948224	52226 8479971	683763	1527100	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 915807	11676 1053908	21012 2855082	252973	531501	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab Sample ID: ICV 200-37839/13 Calibration Date: 05/01/2012 00:01

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: ckt013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6109	0.6352		10.4	10.0	4.0	30.0
Dichlorodifluoromethane	Ave	2.729	2.932		10.7	10.0	7.4	30.0
Freon 22	Ave	1.351	1.463		10.8	10.0	8.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.136	3.275		10.4	10.0	4.4	30.0
Chloromethane	Ave	0.8299	0.8920		10.7	10.0	7.5	30.0
n-Butane	Ave	1.339	1.434		10.7	10.0	7.1	30.0
Vinyl chloride	Ave	1.114	1.141		10.2	10.0	2.4	30.0
1,3-Butadiene	Ave	0.7653	0.8455		11.0	10.0	10.5	30.0
Bromomethane	Ave	1.027	1.032		10.0	10.0	0.5	30.0
Chloroethane	Ave	0.5718	0.5903		10.3	10.0	3.2	30.0
Isopentane	Ave	1.088	1.122		10.3	10.0	3.1	30.0
Bromoethene(Vinyl Bromide)	Ave	1.041	1.072		10.3	10.0	3.0	30.0
Trichlorofluoromethane	Ave	2.822	2.874		10.2	10.0	1.9	30.0
n-Pentane	Ave	1.630	1.691		10.4	10.0	3.7	30.0
Ethanol	Ave	0.3150	0.3493		16.6	15.0	10.9	30.0
Ethyl ether	Ave	0.7145	0.6590		9.22	10.0	-7.8	30.0
Acrolein	Ave	0.3400	0.2916		8.57	10.0	-14.2	30.0
Freon TF	Ave	2.144	2.363		11.0	10.0	10.2	30.0
1,1-Dichloroethene	Ave	1.071	1.182		11.0	10.0	10.4	30.0
Acetone	Ave	1.160	1.276		11.0	10.0	10.0	30.0
Carbon disulfide	Ave	3.075	3.273		10.6	10.0	6.4	30.0
Isopropyl alcohol	Ave	0.8468	0.8439		9.96	10.0	-0.3	30.0
3-Chloropropene	Ave	1.077	1.159		10.8	10.0	7.5	30.0
Acetonitrile	Ave	0.5564	0.5521		9.92	10.0	-0.8	30.0
Methylene Chloride	Ave	1.012	1.113		11.0	10.0	10.1	30.0
tert-Butyl alcohol	Ave	1.340	1.287		9.60	10.0	-3.9	30.0
Methyl tert-butyl ether	Ave	2.903	2.788		9.60	10.0	-4.0	30.0
trans-1,2-Dichloroethene	Ave	1.512	1.596		10.6	10.0	5.6	30.0
Acrylonitrile	Ave	0.6470	0.6506		10.1	10.0	0.6	30.0
n-Hexane	Ave	1.760	1.826		10.4	10.0	3.7	30.0
1,1-Dichloroethane	Ave	1.965	2.038		10.4	10.0	3.8	30.0
Vinyl acetate	Ave	1.948	1.966		10.1	10.0	0.9	30.0
cis-1,2-Dichloroethene	Ave	1.235	1.268		10.3	10.0	2.7	30.0
Methyl Ethyl Ketone	Ave	0.5099	0.5003		9.81	10.0	-1.9	30.0
Ethyl acetate	Ave	0.0964	0.0906		9.41	10.0	-5.9	30.0
Tetrahydrofuran	Ave	0.1630	0.1640		10.1	10.0	0.6	30.0
Chloroform	Ave	2.300	2.370		10.3	10.0	3.1	30.0
1,1,1-Trichloroethane	Ave	0.4405	0.4524		10.3	10.0	2.7	30.0
Cyclohexane	Ave	0.3188	0.3301		10.4	10.0	3.5	30.0
Carbon tetrachloride	Ave	0.4783	0.4745		9.92	10.0	-0.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab Sample ID: ICV 200-37839/13 Calibration Date: 05/01/2012 00:01

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: ckt013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9864	1.044		10.6	10.0	5.8	30.0
Benzene	Ave	0.6672	0.6851		10.3	10.0	2.7	30.0
1,2-Dichloroethane	Ave	0.2514	0.2612		10.4	10.0	3.9	30.0
n-Heptane	Ave	0.3126	0.3295		10.5	10.0	5.4	30.0
n-Butanol	Ave	0.0758	0.0733		9.67	10.0	-3.3	30.0
Trichloroethene	Ave	0.3033	0.3014		9.93	10.0	-0.7	30.0
1,2-Dichloropropane	Ave	0.2276	0.2272		9.98	10.0	-0.1	30.0
Methyl methacrylate	Ave	0.2011	0.1922		9.56	10.0	-4.4	30.0
1,4-Dioxane	Ave	0.0838	0.0746		8.90	10.0	-11.0	30.0
Dibromomethane	Ave	0.2300	0.2326		10.1	10.0	1.1	30.0
Bromodichloromethane	Ave	0.4425	0.4768		10.8	10.0	7.8	30.0
cis-1,3-Dichloropropene	Ave	0.3550	0.3508		9.88	10.0	-1.2	30.0
methyl isobutyl ketone	Ave	0.3084	0.2991		9.70	10.0	-3.0	30.0
Toluene	Ave	0.5309	0.5287		9.96	10.0	-0.4	30.0
n-Octane	Ave	0.4153	0.4298		10.3	10.0	3.5	30.0
trans-1,3-Dichloropropene	Ave	0.3421	0.3368		9.84	10.0	-1.6	30.0
1,1,2-Trichloroethane	Ave	0.2525	0.2452		9.71	10.0	-2.9	30.0
Tetrachloroethene	Ave	0.4239	0.4247		10.0	10.0	0.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3164	0.3191		10.1	10.0	0.8	30.0
Dibromochloromethane	Ave	0.4969	0.5485		11.0	10.0	10.4	30.0
1,2-Dibromoethane	Ave	0.4536	0.4633		10.2	10.0	2.1	30.0
Chlorobenzene	Ave	0.7343	0.7243		9.86	10.0	-1.4	30.0
Ethylbenzene	Ave	1.125	1.106		9.84	10.0	-1.6	30.0
n-Nonane	Ave	0.4855	0.5121		10.5	10.0	5.5	30.0
m,p-Xylene	Ave	0.4559	0.4508		19.8	20.0	-1.1	30.0
Xylene, o-	Ave	0.4434	0.4320		9.74	10.0	-2.6	30.0
Styrene	Ave	0.6385	0.6636		10.4	10.0	3.9	30.0
Bromoform	Ave	0.4711	0.5139		10.9	10.0	9.1	30.0
Cumene	Ave	1.260	1.277		10.1	10.0	1.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6510	0.6413		9.85	10.0	-1.5	30.0
1,2,3-Trichloropropane	Ave	0.4828	0.5131		10.6	10.0	6.3	30.0
n-Propylbenzene	Ave	1.469	1.556		10.6	10.0	5.9	30.0
n-Decane	Ave	0.4955	0.6125		12.4	10.0	23.6	30.0
4-Ethyltoluene	Ave	1.222	1.387		11.4	10.0	13.5	30.0
2-Chlorotoluene	Ave	1.048	1.163		11.1	10.0	11.0	30.0
1,3,5-Trimethylbenzene	Ave	1.065	1.071		10.1	10.0	0.6	30.0
Alpha Methyl Styrene	Ave	0.5155	0.5516		10.7	10.0	7.0	30.0
tert-Butylbenzene	Ave	1.032	1.059		10.3	10.0	2.6	30.0
1,2,4-Trimethylbenzene	Ave	1.061	1.061		9.99	10.0	-0.0	30.0
sec-Butylbenzene	Ave	1.527	1.597		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab Sample ID: ICV 200-37839/13 Calibration Date: 05/01/2012 00:01

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: ckt013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.281	1.338		10.4	10.0	4.5	30.0
1,3-Dichlorobenzene	Ave	0.7202	0.7077		9.82	10.0	-1.7	30.0
1,4-Dichlorobenzene	Ave	0.7042	0.6903		9.80	10.0	-2.0	30.0
Benzyl chloride	Ave	0.8161	0.9150		11.2	10.0	12.1	30.0
n-Butylbenzene	Ave	1.058	1.155		10.9	10.0	9.1	30.0
n-Undecane	Ave	0.5585	0.5804		10.4	10.0	3.9	30.0
1,2-Dichlorobenzene	Ave	0.6832	0.6537		9.57	10.0	-4.3	30.0
n-Dodecane	Ave	0.2808	0.2665		9.49	10.0	-5.1	30.0
1,2,4-Trichlorobenzene	Ave	0.3361	0.2919		8.68	10.0	-13.2	30.0
Hexachlorobutadiene	Ave	0.3753	0.3213		8.56	10.0	-14.4	30.0
Naphthalene	Ave	0.7278	0.6813		9.36	10.0	-6.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2674	0.2393		8.95	10.0	-10.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab Sample ID: CCVIS 200-38178/2 Calibration Date: 05/04/2012 10:58

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: cktd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6109	0.7232		11.8	10.0	18.4	30.0
Dichlorodifluoromethane	Ave	2.729	2.958		10.8	10.0	8.4	30.0
Freon 22	Ave	1.351	1.554		11.5	10.0	15.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.136	3.245		10.3	10.0	3.5	30.0
Chloromethane	Ave	0.8299	0.9498		11.4	10.0	14.4	30.0
n-Butane	Ave	1.339	1.584		11.8	10.0	18.3	30.0
Vinyl chloride	Ave	1.114	1.186		10.6	10.0	6.4	30.0
1,3-Butadiene	Ave	0.7653	0.8621		11.3	10.0	12.7	30.0
Bromomethane	Ave	1.027	1.036		10.1	10.0	0.9	30.0
Chloroethane	Ave	0.5718	0.6331		11.1	10.0	10.7	30.0
Isopentane	Ave	1.088	1.249		11.5	10.0	14.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.041	1.074		10.3	10.0	3.2	30.0
Trichlorofluoromethane	Ave	2.822	3.010		10.7	10.0	6.7	30.0
n-Pentane	Ave	1.630	1.952		12.0	10.0	19.7	30.0
Ethanol	Ave	0.3150	0.3851		18.3	15.0	22.3	30.0
Ethyl ether	Ave	0.7145	0.7962		11.1	10.0	11.4	30.0
Acrolein	Ave	0.3400	0.3809		11.2	10.0	12.0	30.0
Freon TF	Ave	2.144	2.201		10.3	10.0	2.6	30.0
1,1-Dichloroethene	Ave	1.071	1.082		10.1	10.0	1.1	30.0
Acetone	Ave	1.160	1.484		12.8	10.0	27.9	30.0
Carbon disulfide	Ave	3.075	3.351		10.9	10.0	9.0	30.0
Isopropyl alcohol	Ave	0.8468	1.076		12.7	10.0	27.1	30.0
3-Chloropropene	Ave	1.077	1.245		11.6	10.0	15.5	30.0
Acetonitrile	Ave	0.5564	0.6686		12.0	10.0	20.2	30.0
Methylene Chloride	Ave	1.012	1.125		11.1	10.0	11.2	30.0
tert-Butyl alcohol	Ave	1.340	1.534		11.5	10.0	14.5	30.0
Methyl tert-butyl ether	Ave	2.903	3.117		10.7	10.0	7.4	30.0
trans-1,2-Dichloroethene	Ave	1.512	1.686		11.1	10.0	11.5	30.0
Acrylonitrile	Ave	0.6470	0.7272		11.2	10.0	12.4	30.0
n-Hexane	Ave	1.760	1.941		11.0	10.0	10.3	30.0
1,1-Dichloroethane	Ave	1.965	2.147		10.9	10.0	9.3	30.0
Vinyl acetate	Ave	1.948	2.334		12.0	10.0	19.8	30.0
cis-1,2-Dichloroethene	Ave	1.235	1.220		9.88	10.0	-1.2	30.0
Methyl Ethyl Ketone	Ave	0.5099	0.5506		10.8	10.0	8.0	30.0
Ethyl acetate	Ave	0.0964	0.1006		10.4	10.0	4.4	30.0
Tetrahydrofuran	Ave	0.1630	0.1871		11.5	10.0	14.8	30.0
Chloroform	Ave	2.300	2.447		10.6	10.0	6.4	30.0
1,1,1-Trichloroethane	Ave	0.4405	0.4521		10.3	10.0	2.6	30.0
Cyclohexane	Ave	0.3188	0.3148		9.87	10.0	-1.3	30.0
Carbon tetrachloride	Ave	0.4783	0.4732		9.89	10.0	-1.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab Sample ID: CCVIS 200-38178/2 Calibration Date: 05/04/2012 10:58

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: cktd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9864	1.057		10.7	10.0	7.1	30.0
Benzene	Ave	0.6672	0.6658		9.98	10.0	-0.2	30.0
1,2-Dichloroethane	Ave	0.2514	0.2662		10.6	10.0	5.9	30.0
n-Heptane	Ave	0.3126	0.3479		11.1	10.0	11.3	30.0
n-Butanol	Ave	0.0758	0.0826		10.9	10.0	8.9	30.0
Trichloroethene	Ave	0.3033	0.2923		9.64	10.0	-3.6	30.0
1,2-Dichloropropane	Ave	0.2276	0.2401		10.6	10.0	5.5	30.0
Methyl methacrylate	Ave	0.2011	0.2128		10.6	10.0	5.8	30.0
1,4-Dioxane	Ave	0.0838	0.0896		10.7	10.0	7.0	30.0
Dibromomethane	Ave	0.2300	0.2102		9.14	10.0	-8.6	30.0
Bromodichloromethane	Ave	0.4425	0.4695		10.6	10.0	6.1	30.0
cis-1,3-Dichloropropene	Ave	0.3550	0.3689		10.4	10.0	3.9	30.0
methyl isobutyl ketone	Ave	0.3084	0.3497		11.3	10.0	13.4	30.0
Toluene	Ave	0.5309	0.5166		9.73	10.0	-2.7	30.0
n-Octane	Ave	0.4153	0.4684		11.3	10.0	12.8	30.0
trans-1,3-Dichloropropene	Ave	0.3421	0.3571		10.4	10.0	4.4	30.0
1,1,2-Trichloroethane	Ave	0.2525	0.2519		9.97	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4239	0.3796		8.95	10.0	-10.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3164	0.3615		11.4	10.0	14.3	30.0
Dibromochloromethane	Ave	0.4969	0.4961		9.98	10.0	-0.2	30.0
1,2-Dibromoethane	Ave	0.4536	0.4513		9.95	10.0	-0.5	30.0
Chlorobenzene	Ave	0.7343	0.6894		9.39	10.0	-6.1	30.0
Ethylbenzene	Ave	1.125	1.104		9.81	10.0	-1.9	30.0
n-Nonane	Ave	0.4855	0.5265		10.8	10.0	8.4	30.0
m,p-Xylene	Ave	0.4559	0.4371		19.2	20.0	-4.1	30.0
Xylene, o-	Ave	0.4434	0.4206		9.48	10.0	-5.2	30.0
Styrene	Ave	0.6385	0.6415		10.0	10.0	0.5	30.0
Bromoform	Ave	0.4711	0.4504		9.56	10.0	-4.4	30.0
Cumene	Ave	1.260	1.218		9.67	10.0	-3.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6510	0.6522		10.0	10.0	0.2	30.0
1,2,3-Trichloropropane	Ave	0.4828	0.5144		10.7	10.0	6.6	30.0
n-Propylbenzene	Ave	1.469	1.513		10.3	10.0	3.0	30.0
n-Decane	Ave	0.4955	0.6373		12.9	10.0	28.6	30.0
4-Ethyltoluene	Ave	1.222	1.283		10.5	10.0	5.0	30.0
2-Chlorotoluene	Ave	1.048	1.098		10.5	10.0	4.7	30.0
1,3,5-Trimethylbenzene	Ave	1.065	1.060		9.95	10.0	-0.5	30.0
Alpha Methyl Styrene	Ave	0.5155	0.5188		10.1	10.0	0.6	30.0
tert-Butylbenzene	Ave	1.032	0.9906		9.59	10.0	-4.0	30.0
1,2,4-Trimethylbenzene	Ave	1.061	1.062		10.0	10.0	0.0	30.0
sec-Butylbenzene	Ave	1.527	1.502		9.83	10.0	-1.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Lab Sample ID: CCVIS 200-38178/2 Calibration Date: 05/04/2012 10:58

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: cktd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.281	1.250		9.76	10.0	-2.4	30.0
1,3-Dichlorobenzene	Ave	0.7202	0.6525		9.06	10.0	-9.4	30.0
1,4-Dichlorobenzene	Ave	0.7042	0.6371		9.05	10.0	-9.5	30.0
Benzyl chloride	Ave	0.8161	0.8605		10.5	10.0	5.4	30.0
n-Butylbenzene	Ave	1.058	1.119		10.6	10.0	5.7	30.0
n-Undecane	Ave	0.5585	0.6139		11.0	10.0	9.9	30.0
1,2-Dichlorobenzene	Ave	0.6832	0.6200		9.07	10.0	-9.3	30.0
n-Dodecane	Ave	0.2808	0.2779		9.89	10.0	-1.0	30.0
1,2,4-Trichlorobenzene	Ave	0.3361	0.2877		8.56	10.0	-14.4	30.0
Hexachlorobutadiene	Ave	0.3753	0.2998		7.99	10.0	-20.1	30.0
Naphthalene	Ave	0.7278	0.6769		9.30	10.0	-7.0	30.0
1,2,3-Trichlorobenzene	Ave	0.2674	0.2282		8.53	10.0	-14.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab Sample ID: ICV 200-37839/13 Calibration Date: 05/01/2012 00:01

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: ckt013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6109	0.6352		10.4	10.0	4.0	30.0
Dichlorodifluoromethane	Ave	2.729	2.932		10.7	10.0	7.4	30.0
Freon 22	Ave	1.351	1.463		10.8	10.0	8.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.136	3.275		10.4	10.0	4.4	30.0
Chloromethane	Ave	0.8299	0.8920		10.7	10.0	7.5	30.0
n-Butane	Ave	1.339	1.434		10.7	10.0	7.1	30.0
Vinyl chloride	Ave	1.114	1.141		10.2	10.0	2.4	30.0
1,3-Butadiene	Ave	0.7653	0.8455		11.0	10.0	10.5	30.0
Bromomethane	Ave	1.027	1.032		10.0	10.0	0.5	30.0
Chloroethane	Ave	0.5718	0.5903		10.3	10.0	3.2	30.0
Isopentane	Ave	1.088	1.122		10.3	10.0	3.1	30.0
Bromoethene(Vinyl Bromide)	Ave	1.041	1.072		10.3	10.0	3.0	30.0
Trichlorofluoromethane	Ave	2.822	2.874		10.2	10.0	1.9	30.0
n-Pentane	Ave	1.630	1.691		10.4	10.0	3.7	30.0
Ethanol	Ave	0.3150	0.3493		16.6	15.0	10.9	30.0
Ethyl ether	Ave	0.7145	0.6590		9.22	10.0	-7.8	30.0
Acrolein	Ave	0.3400	0.2916		8.57	10.0	-14.2	30.0
Freon TF	Ave	2.144	2.363		11.0	10.0	10.2	30.0
1,1-Dichloroethene	Ave	1.071	1.182		11.0	10.0	10.4	30.0
Acetone	Ave	1.160	1.276		11.0	10.0	10.0	30.0
Carbon disulfide	Ave	3.075	3.273		10.6	10.0	6.4	30.0
Isopropyl alcohol	Ave	0.8468	0.8439		9.96	10.0	-0.3	30.0
3-Chloropropene	Ave	1.077	1.159		10.8	10.0	7.5	30.0
Acetonitrile	Ave	0.5564	0.5521		9.92	10.0	-0.8	30.0
Methylene Chloride	Ave	1.012	1.113		11.0	10.0	10.1	30.0
tert-Butyl alcohol	Ave	1.340	1.287		9.60	10.0	-3.9	30.0
Methyl tert-butyl ether	Ave	2.903	2.788		9.60	10.0	-4.0	30.0
trans-1,2-Dichloroethene	Ave	1.512	1.596		10.6	10.0	5.6	30.0
Acrylonitrile	Ave	0.6470	0.6506		10.1	10.0	0.6	30.0
n-Hexane	Ave	1.760	1.826		10.4	10.0	3.7	30.0
1,1-Dichloroethane	Ave	1.965	2.038		10.4	10.0	3.8	30.0
Vinyl acetate	Ave	1.948	1.966		10.1	10.0	0.9	30.0
cis-1,2-Dichloroethene	Ave	1.235	1.268		10.3	10.0	2.7	30.0
Methyl Ethyl Ketone	Ave	0.5099	0.5003		9.81	10.0	-1.9	30.0
Ethyl acetate	Ave	0.0964	0.0906		9.41	10.0	-5.9	30.0
Tetrahydrofuran	Ave	0.1630	0.1640		10.1	10.0	0.6	30.0
Chloroform	Ave	2.300	2.370		10.3	10.0	3.1	30.0
1,1,1-Trichloroethane	Ave	0.4405	0.4524		10.3	10.0	2.7	30.0
Cyclohexane	Ave	0.3188	0.3301		10.4	10.0	3.5	30.0
Carbon tetrachloride	Ave	0.4783	0.4745		9.92	10.0	-0.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab Sample ID: ICV 200-37839/13 Calibration Date: 05/01/2012 00:01

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: ckt013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9864	1.044		10.6	10.0	5.8	30.0
Benzene	Ave	0.6672	0.6851		10.3	10.0	2.7	30.0
1,2-Dichloroethane	Ave	0.2514	0.2612		10.4	10.0	3.9	30.0
n-Heptane	Ave	0.3126	0.3295		10.5	10.0	5.4	30.0
n-Butanol	Ave	0.0758	0.0733		9.67	10.0	-3.3	30.0
Trichloroethene	Ave	0.3033	0.3014		9.93	10.0	-0.7	30.0
1,2-Dichloropropane	Ave	0.2276	0.2272		9.98	10.0	-0.1	30.0
Methyl methacrylate	Ave	0.2011	0.1922		9.56	10.0	-4.4	30.0
1,4-Dioxane	Ave	0.0838	0.0746		8.90	10.0	-11.0	30.0
Dibromomethane	Ave	0.2300	0.2326		10.1	10.0	1.1	30.0
Bromodichloromethane	Ave	0.4425	0.4768		10.8	10.0	7.8	30.0
cis-1,3-Dichloropropene	Ave	0.3550	0.3508		9.88	10.0	-1.2	30.0
methyl isobutyl ketone	Ave	0.3084	0.2991		9.70	10.0	-3.0	30.0
Toluene	Ave	0.5309	0.5287		9.96	10.0	-0.4	30.0
n-Octane	Ave	0.4153	0.4298		10.3	10.0	3.5	30.0
trans-1,3-Dichloropropene	Ave	0.3421	0.3368		9.84	10.0	-1.6	30.0
1,1,2-Trichloroethane	Ave	0.2525	0.2452		9.71	10.0	-2.9	30.0
Tetrachloroethene	Ave	0.4239	0.4247		10.0	10.0	0.2	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3164	0.3191		10.1	10.0	0.8	30.0
Dibromochloromethane	Ave	0.4969	0.5485		11.0	10.0	10.4	30.0
1,2-Dibromoethane	Ave	0.4536	0.4633		10.2	10.0	2.1	30.0
Chlorobenzene	Ave	0.7343	0.7243		9.86	10.0	-1.4	30.0
Ethylbenzene	Ave	1.125	1.106		9.84	10.0	-1.6	30.0
n-Nonane	Ave	0.4855	0.5121		10.5	10.0	5.5	30.0
m,p-Xylene	Ave	0.4559	0.4508		19.8	20.0	-1.1	30.0
Xylene, o-	Ave	0.4434	0.4320		9.74	10.0	-2.6	30.0
Styrene	Ave	0.6385	0.6636		10.4	10.0	3.9	30.0
Bromoform	Ave	0.4711	0.5139		10.9	10.0	9.1	30.0
Cumene	Ave	1.260	1.277		10.1	10.0	1.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6510	0.6413		9.85	10.0	-1.5	30.0
1,2,3-Trichloropropane	Ave	0.4828	0.5131		10.6	10.0	6.3	30.0
n-Propylbenzene	Ave	1.469	1.556		10.6	10.0	5.9	30.0
n-Decane	Ave	0.4955	0.6125		12.4	10.0	23.6	30.0
4-Ethyltoluene	Ave	1.222	1.387		11.4	10.0	13.5	30.0
2-Chlorotoluene	Ave	1.048	1.163		11.1	10.0	11.0	30.0
1,3,5-Trimethylbenzene	Ave	1.065	1.071		10.1	10.0	0.6	30.0
Alpha Methyl Styrene	Ave	0.5155	0.5516		10.7	10.0	7.0	30.0
tert-Butylbenzene	Ave	1.032	1.059		10.3	10.0	2.6	30.0
1,2,4-Trimethylbenzene	Ave	1.061	1.061		9.99	10.0	-0.0	30.0
sec-Butylbenzene	Ave	1.527	1.597		10.5	10.0	4.6	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab Sample ID: ICV 200-37839/13 Calibration Date: 05/01/2012 00:01

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: ckt013.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.281	1.338		10.4	10.0	4.5	30.0
1,3-Dichlorobenzene	Ave	0.7202	0.7077		9.82	10.0	-1.7	30.0
1,4-Dichlorobenzene	Ave	0.7042	0.6903		9.80	10.0	-2.0	30.0
Benzyl chloride	Ave	0.8161	0.9150		11.2	10.0	12.1	30.0
n-Butylbenzene	Ave	1.058	1.155		10.9	10.0	9.1	30.0
n-Undecane	Ave	0.5585	0.5804		10.4	10.0	3.9	30.0
1,2-Dichlorobenzene	Ave	0.6832	0.6537		9.57	10.0	-4.3	30.0
n-Dodecane	Ave	0.2808	0.2665		9.49	10.0	-5.1	30.0
1,2,4-Trichlorobenzene	Ave	0.3361	0.2919		8.68	10.0	-13.2	30.0
Hexachlorobutadiene	Ave	0.3753	0.3213		8.56	10.0	-14.4	30.0
Naphthalene	Ave	0.7278	0.6813		9.36	10.0	-6.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2674	0.2393		8.95	10.0	-10.5	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab Sample ID: CCVIS 200-38178/2 Calibration Date: 05/04/2012 10:58

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: cktd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.6109	0.7232		11.8	10.0	18.4	30.0
Dichlorodifluoromethane	Ave	2.729	2.958		10.8	10.0	8.4	30.0
Freon 22	Ave	1.351	1.554		11.5	10.0	15.0	30.0
1,2-Dichlorotetrafluoroethane	Ave	3.136	3.245		10.3	10.0	3.5	30.0
Chloromethane	Ave	0.8299	0.9498		11.4	10.0	14.4	30.0
n-Butane	Ave	1.339	1.584		11.8	10.0	18.3	30.0
Vinyl chloride	Ave	1.114	1.186		10.6	10.0	6.4	30.0
1,3-Butadiene	Ave	0.7653	0.8621		11.3	10.0	12.7	30.0
Bromomethane	Ave	1.027	1.036		10.1	10.0	0.9	30.0
Chloroethane	Ave	0.5718	0.6331		11.1	10.0	10.7	30.0
Isopentane	Ave	1.088	1.249		11.5	10.0	14.8	30.0
Bromoethene(Vinyl Bromide)	Ave	1.041	1.074		10.3	10.0	3.2	30.0
Trichlorofluoromethane	Ave	2.822	3.010		10.7	10.0	6.7	30.0
n-Pentane	Ave	1.630	1.952		12.0	10.0	19.7	30.0
Ethanol	Ave	0.3150	0.3851		18.3	15.0	22.3	30.0
Ethyl ether	Ave	0.7145	0.7962		11.1	10.0	11.4	30.0
Acrolein	Ave	0.3400	0.3809		11.2	10.0	12.0	30.0
Freon TF	Ave	2.144	2.201		10.3	10.0	2.6	30.0
1,1-Dichloroethene	Ave	1.071	1.082		10.1	10.0	1.1	30.0
Acetone	Ave	1.160	1.484		12.8	10.0	27.9	30.0
Carbon disulfide	Ave	3.075	3.351		10.9	10.0	9.0	30.0
Isopropyl alcohol	Ave	0.8468	1.076		12.7	10.0	27.1	30.0
3-Chloropropene	Ave	1.077	1.245		11.6	10.0	15.5	30.0
Acetonitrile	Ave	0.5564	0.6686		12.0	10.0	20.2	30.0
Methylene Chloride	Ave	1.012	1.125		11.1	10.0	11.2	30.0
tert-Butyl alcohol	Ave	1.340	1.534		11.5	10.0	14.5	30.0
Methyl tert-butyl ether	Ave	2.903	3.117		10.7	10.0	7.4	30.0
trans-1,2-Dichloroethene	Ave	1.512	1.686		11.1	10.0	11.5	30.0
Acrylonitrile	Ave	0.6470	0.7272		11.2	10.0	12.4	30.0
n-Hexane	Ave	1.760	1.941		11.0	10.0	10.3	30.0
1,1-Dichloroethane	Ave	1.965	2.147		10.9	10.0	9.3	30.0
Vinyl acetate	Ave	1.948	2.334		12.0	10.0	19.8	30.0
cis-1,2-Dichloroethene	Ave	1.235	1.220		9.88	10.0	-1.2	30.0
Methyl Ethyl Ketone	Ave	0.5099	0.5506		10.8	10.0	8.0	30.0
Ethyl acetate	Ave	0.0964	0.1006		10.4	10.0	4.4	30.0
Tetrahydrofuran	Ave	0.1630	0.1871		11.5	10.0	14.8	30.0
Chloroform	Ave	2.300	2.447		10.6	10.0	6.4	30.0
1,1,1-Trichloroethane	Ave	0.4405	0.4521		10.3	10.0	2.6	30.0
Cyclohexane	Ave	0.3188	0.3148		9.87	10.0	-1.3	30.0
Carbon tetrachloride	Ave	0.4783	0.4732		9.89	10.0	-1.1	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab Sample ID: CCVIS 200-38178/2 Calibration Date: 05/04/2012 10:58

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: cktd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2,4-Trimethylpentane	Ave	0.9864	1.057		10.7	10.0	7.1	30.0
Benzene	Ave	0.6672	0.6658		9.98	10.0	-0.2	30.0
1,2-Dichloroethane	Ave	0.2514	0.2662		10.6	10.0	5.9	30.0
n-Heptane	Ave	0.3126	0.3479		11.1	10.0	11.3	30.0
n-Butanol	Ave	0.0758	0.0826		10.9	10.0	8.9	30.0
Trichloroethene	Ave	0.3033	0.2923		9.64	10.0	-3.6	30.0
1,2-Dichloropropane	Ave	0.2276	0.2401		10.6	10.0	5.5	30.0
Methyl methacrylate	Ave	0.2011	0.2128		10.6	10.0	5.8	30.0
1,4-Dioxane	Ave	0.0838	0.0896		10.7	10.0	7.0	30.0
Dibromomethane	Ave	0.2300	0.2102		9.14	10.0	-8.6	30.0
Bromodichloromethane	Ave	0.4425	0.4695		10.6	10.0	6.1	30.0
cis-1,3-Dichloropropene	Ave	0.3550	0.3689		10.4	10.0	3.9	30.0
methyl isobutyl ketone	Ave	0.3084	0.3497		11.3	10.0	13.4	30.0
Toluene	Ave	0.5309	0.5166		9.73	10.0	-2.7	30.0
n-Octane	Ave	0.4153	0.4684		11.3	10.0	12.8	30.0
trans-1,3-Dichloropropene	Ave	0.3421	0.3571		10.4	10.0	4.4	30.0
1,1,2-Trichloroethane	Ave	0.2525	0.2519		9.97	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4239	0.3796		8.95	10.0	-10.5	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.3164	0.3615		11.4	10.0	14.3	30.0
Dibromochloromethane	Ave	0.4969	0.4961		9.98	10.0	-0.2	30.0
1,2-Dibromoethane	Ave	0.4536	0.4513		9.95	10.0	-0.5	30.0
Chlorobenzene	Ave	0.7343	0.6894		9.39	10.0	-6.1	30.0
Ethylbenzene	Ave	1.125	1.104		9.81	10.0	-1.9	30.0
n-Nonane	Ave	0.4855	0.5265		10.8	10.0	8.4	30.0
m,p-Xylene	Ave	0.4559	0.4371		19.2	20.0	-4.1	30.0
Xylene, o-	Ave	0.4434	0.4206		9.48	10.0	-5.2	30.0
Styrene	Ave	0.6385	0.6415		10.0	10.0	0.5	30.0
Bromoform	Ave	0.4711	0.4504		9.56	10.0	-4.4	30.0
Cumene	Ave	1.260	1.218		9.67	10.0	-3.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6510	0.6522		10.0	10.0	0.2	30.0
1,2,3-Trichloropropane	Ave	0.4828	0.5144		10.7	10.0	6.6	30.0
n-Propylbenzene	Ave	1.469	1.513		10.3	10.0	3.0	30.0
n-Decane	Ave	0.4955	0.6373		12.9	10.0	28.6	30.0
4-Ethyltoluene	Ave	1.222	1.283		10.5	10.0	5.0	30.0
2-Chlorotoluene	Ave	1.048	1.098		10.5	10.0	4.7	30.0
1,3,5-Trimethylbenzene	Ave	1.065	1.060		9.95	10.0	-0.5	30.0
Alpha Methyl Styrene	Ave	0.5155	0.5188		10.1	10.0	0.6	30.0
tert-Butylbenzene	Ave	1.032	0.9906		9.59	10.0	-4.0	30.0
1,2,4-Trimethylbenzene	Ave	1.061	1.062		10.0	10.0	0.0	30.0
sec-Butylbenzene	Ave	1.527	1.502		9.83	10.0	-1.7	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Lab Sample ID: CCVIS 200-38178/2 Calibration Date: 05/04/2012 10:58

Instrument ID: C.i Calib Start Date: 04/30/2012 15:10

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 04/30/2012 21:22

Lab File ID: cktd002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	1.281	1.250		9.76	10.0	-2.4	30.0
1,3-Dichlorobenzene	Ave	0.7202	0.6525		9.06	10.0	-9.4	30.0
1,4-Dichlorobenzene	Ave	0.7042	0.6371		9.05	10.0	-9.5	30.0
Benzyl chloride	Ave	0.8161	0.8605		10.5	10.0	5.4	30.0
n-Butylbenzene	Ave	1.058	1.119		10.6	10.0	5.7	30.0
n-Undecane	Ave	0.5585	0.6139		11.0	10.0	9.9	30.0
1,2-Dichlorobenzene	Ave	0.6832	0.6200		9.07	10.0	-9.3	30.0
n-Dodecane	Ave	0.2808	0.2779		9.89	10.0	-1.0	30.0
1,2,4-Trichlorobenzene	Ave	0.3361	0.2877		8.56	10.0	-14.4	30.0
Hexachlorobutadiene	Ave	0.3753	0.2998		7.99	10.0	-20.1	30.0
Naphthalene	Ave	0.7278	0.6769		9.30	10.0	-7.0	30.0
1,2,3-Trichlorobenzene	Ave	0.2674	0.2282		8.53	10.0	-14.7	30.0

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Instrument ID: C.i Start Date: 04/30/2012 13:29

Analysis Batch Number: 37839 End Date: 05/01/2012 06:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-37839/1		04/30/2012 13:29	1	ckt001.d	RTX-624 0.32(mm)
VIBLK 200-37839/2		04/30/2012 14:16	1		RTX-624 0.32(mm)
IC 200-37839/3		04/30/2012 15:10	1	ckt003.d	RTX-624 0.32(mm)
IC 200-37839/4		04/30/2012 16:03	1	ckt004.d	RTX-624 0.32(mm)
IC 200-37839/5		04/30/2012 16:56	1	ckt005.d	RTX-624 0.32(mm)
IC 200-37839/6		04/30/2012 17:49	1	ckt006.d	RTX-624 0.32(mm)
ICIS 200-37839/7		04/30/2012 18:42	1	ckt007.d	RTX-624 0.32(mm)
IC 200-37839/8		04/30/2012 19:35	1	ckt008.d	RTX-624 0.32(mm)
IC 200-37839/9		04/30/2012 20:29	1	ckt009.d	RTX-624 0.32(mm)
IC 200-37839/10		04/30/2012 21:22	1	ckt010.d	RTX-624 0.32(mm)
VIBLK 200-37839/11		04/30/2012 22:15	1		RTX-624 0.32(mm)
VIBLK 200-37839/12		04/30/2012 23:09	1		RTX-624 0.32(mm)
ICV 200-37839/13		05/01/2012 00:01	1	ckt013.d	RTX-624 0.32(mm)
VIBLK 200-37839/14		05/01/2012 00:54	1		RTX-624 0.32(mm)
ZZZZZ		05/01/2012 01:48	1		RTX-624 0.32(mm)
ZZZZZ		05/01/2012 02:41	1		RTX-624 0.32(mm)
ZZZZZ		05/01/2012 03:34	0.2		RTX-624 0.32(mm)
ZZZZZ		05/01/2012 04:27	0.2		RTX-624 0.32(mm)
ZZZZZ		05/01/2012 05:21	0.2		RTX-624 0.32(mm)
ZZZZZ		05/01/2012 06:14	0.2		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10636-1

SDG No.:

Instrument ID: C.i Start Date: 05/04/2012 10:05

Analysis Batch Number: 38178 End Date: 05/05/2012 10:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-38178/1		05/04/2012 10:05	1	cktd001.d	RTX-624 0.32(mm)
CCVIS 200-38178/2		05/04/2012 10:58	1	cktd002.d	RTX-624 0.32(mm)
LCS 200-38178/3		05/04/2012 11:55	1	cktd003.d	RTX-624 0.32(mm)
MB 200-38178/4		05/04/2012 12:47	1	cktd004.d	RTX-624 0.32(mm)
ZZZZZ		05/04/2012 13:40	29.8		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 14:34	14.9		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 15:27	10		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 16:20	10		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 17:14	10		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 18:07	60		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 19:02	0.2		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 19:56	0.2		RTX-624 0.32(mm)
200-10636-9	4235	05/04/2012 20:50	0.2	cktd013.d	RTX-624 0.32(mm)
ZZZZZ		05/04/2012 21:44	0.2		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 22:38	2.5		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 23:31	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 00:24	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 01:17	16.1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 02:10	6.45		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 03:03	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 03:56	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 04:49	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 05:42	23.9		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 06:36	0.2		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 07:29	140		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 08:23	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 09:16	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 10:10	1		RTX-624 0.32(mm)

GC/MS Air Instrument Run Log

Sequence			Standard Traceability	Instrument Information
Target Batch ID: CKT	Start Date: 4/30/12	Time: 1329	ISTD Container ID: 248052	Instrument ID: C
Test Method: TO15	End Date: 5/01/12	Time: 1329	CCV Container ID: See comments	Instrument: 5973
ICAL Date: 4/30/12			ICV/LCS Container ID: See comments	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Mark Phillips MTP — Paul Daigle

Mark Phillips — Date 5-1-12 PAD

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
1329	CKT 001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1416	002	4633	VIBLK		1	200		✓	✓		
1510	003	3413	IC-08		3	40		N/A	✓		326955
1603	004	"	IC-01		3	200			✓		"
1656	005	3197	IC-02		4				✓		326758
1749	006	4837	IC-03		5				✓		325653
1842	007	3510	ICIS-04		2				✓		325660
1935	008	2572	IC-05		6				✓		325655
2029	009	4943	IC-06		7				✓		325658
2122	010	3088	IC-07		8			"	✓		325656
2215	011	4633	VIBLK		1			✓	✓		
2309	012	"	"		1			✓	✓		
0001	013	3640	ICV		9			✓	✓		320674 AG
0054	014	4633	VIBLK		1			✓	✓		
0148	015	3640	LCS		9			✓	✓		320674 AG
0241	016	4633	~~VIBLK~~ MB	"	1	"		✓	✓		
0334	017	3604	10574-10	0.2	10	1000		✓	✓		
0427	018	4370	10572-04		11			✓	✓		
0521	019	2947	10592-01		12			✓	✓		
0614	" 020	4564	10591-07	"	13	"	"	✓	✓	"	No Tic's

PAD 5/01/12

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability	Instrument Information
Target Batch ID: CKTD	Start Date: 05/04/12	Time: 1005	ISTD Container ID: 248052	Instrument ID: C
Test Method: TO15	End Date: 05/05/12	Time: 1005	CCV Container ID: 325660	Instrument: 5973
ICAL Date: 04/30/12			ICV/LCS Container ID: 320676	Column Type: RTX-624
Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*				

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
1005	CKTD001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1058	002	3510	CCVIS		1	200			✓		MG-
1155	003	3649	LCS		2	200		✓	✓		AG-74 (all ↑)
1247	004	4633	MB		3	200		✓	✓		
1340	005	4392	450-4129-3	29.8	4	28		✓	↑		cdf 4.17 PCDFM 51 R1: 60
1434	006	3816	-4	14.9	5	56		✓	↑		cdf 4.18 " 41 R1: 24
1527	007	4662	-1	10	6	20		✓	✓	AHL	C
1620	008	3589	-2		7			✓	✓		C
1714	009	3845	-5		8			✓	✓		C
1807	010	4392	450-4129-3	60	4	51		✓	✓		cdf 15.30 C
1902	011	2567	10634-4	0.2	9	1000		✓	✓		C
1956	012	4923	10638-4		10			✓	✓		C
2050	013	4235	10636-9		11			✓	✓	PAD	
2144	014	3394	10659-12		12			✓	✓		
2238	015	4147	680-71022-1	2.5	13	80		✓	✓		C
2331	016	4356	-2	1	14	200		✓	✓		C
0024	017	3559	-3	1	15	200		✓	✓		C
0117	018	4262	-4	16.1	16	52		✓	✓		cdf 4.18 C
0210	019	4465	-5	6.45	1	31		✓	✓		C
0303	020	4286	-6	1	2	200		✓	✓		C
0356	021	4378	-7		3			✓	✓		C
0449	022	5136	-8		6			✓	✓		C
0542	023	3816	450-4129-4	23.9	5	35		✓	✓		cdf 4.18 C
0636	024	3361	10635-07	0.2	7	1000	AHL	✓	↑		Tol ↑ Reclean
0729	025	4293	10625-01	140	8	20		↓	—		Adj 13.45 R
0823	026	[illegible]	10600-01	1	9	200		✓	✓		0 C
0916	027	4568	-02	1	10	200		✓	✓		C
1010	028	3338	-03	1	11	200		✓	✓		
					BAD	5/07/12					

Legend: C=Complete • R=Reanalyze • ↑= High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability	Instrument Information
Target Batch ID: CKT	Start Date: 4/30/12	Time: 1329	ISTD Container ID: 248052	Instrument ID: C
Test Method: To15	End Date: 5/01/12	Time: 1329	CCV Container ID: See comments	Instrument: 5973
ICAL Date: 4/30/12			ICV/LCS Container ID: See comments	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Mark Phillips MTP — Paul Daigle PAD
Mark Phillips — Paul D-A PAD

Sequence Information								Individual Sample Review -			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
1329	CKT 001	N/A	BFB	N/A	1	200	PAD	N/A	✓	PAD	
1416	002	4633	VIBLK		1	200		✓	✓		
1510	003	3413	IC-08		3	40		N/A	✓		326955
1603	004	〃	IC-01		3	200			✓		〃
1656	005	3197	IC-02		4				✓		326958
1749	006	4837	IC-03		5				✓		325653
1842	007	3510	ICIS-04		2				✓		325660
1935	008	2572	IC-05		6				✓		325655
2029	009	4943	IC-06		7				✓		325658
2122	010	3088	IC-07		8			〃	✓		325656
2215	011	4633	VIBLK		1			✓	✓		
2309	012	〃	〃		1			✓	✓		
0001	013	3640	ICV		9			✓	✓		320674 AG
0054	014	4633	VIBLK		1			✓	✓		
0148	015	3640	LCS		9			✓	✓		320674 AG
0241	016	4633	~~VIBLK~~ MB	〃	1	〃		✓	✓		
0334	017	3604	10574-10	0.2	10	1000		✓	✓		
0427	018	4370	10572-04		11			✓	✓		
0521	019	2947	10592-01		12			✓	✓		
0614	〃 020	4564	10591-07	〃	13	〃	〃	✓	✓	〃	No Tic's

PAD 5/01/12

Legend: C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

GC/MS Air Instrument Run Log

Sequence			Standard Traceability	Instrument Information
Target Batch ID: CKTD	Start Date: 05/04/12	Time: 1025	ISTD Container ID: 248852	Instrument ID: C
Test Method: TO15	End Date: 05/05/12	Time: 1005	CCV Container ID: 325660	Instrument: 5973
ICAL Date: 04/30/12			ICV/LCS Container ID: 320676	Column Type: RTX-624

Analyst / Supervisor Signature(s): *Insert signature when specified as project requirement. Otherwise leave this section blank.*

Sequence Information								Individual Sample Review			
Injection Time	GC/MS File Name	Summa Can ID	TALS Sample ID	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments
1005	CKTD 001	N/A	BFB	N/A			PAD	N/A	✓	PAD	
1058	002	3510	CCVIS		1	200			✓		A6
1155	003	3649	LCS		2	200		✓	✓		A6 74 (ctn 4)
1247	004	4633	MB		3	200		✓	✓		
1340	005	4392	450-4129-3	29.8	4	28		✓	↑		cdf 4.17 PCDFM 51 R1: 60
1434	006	3816	-4	14.9	5	56		✓	↑		cdf 4.18 " 41 R1: 24
1527	007	4662	-1	10	6	20		✓	✓	AHL	C
1620	008	3589	-2		7			✓	✓		C
1714	009	3845	-5		8			✓	✓		C
1807	010	4392	450-4129-3	60	4	51		✓	✓		cdf 15.30 C
1902	011	2567	10634-4	0.2	9	1000		✓	✓		C
1956	012	4923	10638-4		10			✓	✓		C
2050	013	4235	10636-9		11			✓	✓	PAD	
2144	014	3349	10654-12		12			✓	✓		
2238	015	4147	680-79022-1	2.5	13	80		✓	✓		C
2331	016	4356	-2		14	200		✓	✓		C
0024	017	3559	-3		15	200		✓	✓		C
0117	018	4262	-4	16.1	16	52		✓	✓		cdf 4.18 C
0210	019	4465	-5	6.45	1	31		✓	✓		C
0303	020	4786	-6		2	200		✓	✓		C
0356	021	4378	-7		3			✓	✓		C
0449	022	5136	-8		6			✓	✓		C
0542	023	3816	450-4129-4	23.9	5	35		✓	✓		cdf 4.18 C
0636	024	3361	10635-07	0.2	7	1000	AHL	✓	↑		Tol ↑ Reclean
0729	025	4293	10635-01	140	8	20		✓	↓		cdf 13.45 R
0823	026	3041	10600-01		9	200		✓	✓		C
0916	027	4568	-02		10	200		✓	✓		C
1010	028	3334	-03		11	200		✓	✓		
					PAD	5/07/12					

Legend: C=Complete • R=Reanalyze • ↑,↓= High • ↓= Low • ✓=Reviewed and Acceptable

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AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Instrument ID: C.i Start Date: 04/30/2012 13:29

Analysis Batch Number: 37839 End Date: 05/01/2012 06:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-37839/1		04/30/2012 13:29	1	ckt001.d	RTX-624 0.32 (mm)
VIBLK 200-37839/2		04/30/2012 14:16	1		RTX-624 0.32 (mm)
IC 200-37839/3		04/30/2012 15:10	1	ckt003.d	RTX-624 0.32 (mm)
IC 200-37839/4		04/30/2012 16:03	1	ckt004.d	RTX-624 0.32 (mm)
IC 200-37839/5		04/30/2012 16:56	1	ckt005.d	RTX-624 0.32 (mm)
IC 200-37839/6		04/30/2012 17:49	1	ckt006.d	RTX-624 0.32 (mm)
ICIS 200-37839/7		04/30/2012 18:42	1	ckt007.d	RTX-624 0.32 (mm)
IC 200-37839/8		04/30/2012 19:35	1	ckt008.d	RTX-624 0.32 (mm)
IC 200-37839/9		04/30/2012 20:29	1	ckt009.d	RTX-624 0.32 (mm)
IC 200-37839/10		04/30/2012 21:22	1	ckt010.d	RTX-624 0.32 (mm)
VIBLK 200-37839/11		04/30/2012 22:15	1		RTX-624 0.32 (mm)
VIBLK 200-37839/12		04/30/2012 23:09	1		RTX-624 0.32 (mm)
ICV 200-37839/13		05/01/2012 00:01	1	ckt013.d	RTX-624 0.32 (mm)
VIBLK 200-37839/14		05/01/2012 00:54	1		RTX-624 0.32 (mm)
ZZZZZ		05/01/2012 01:48	1		RTX-624 0.32 (mm)
ZZZZZ		05/01/2012 02:41	1		RTX-624 0.32 (mm)
ZZZZZ		05/01/2012 03:34	0.2		RTX-624 0.32 (mm)
ZZZZZ		05/01/2012 04:27	0.2		RTX-624 0.32 (mm)
ZZZZZ		05/01/2012 05:21	0.2		RTX-624 0.32 (mm)
ZZZZZ		05/01/2012 06:14	0.2		RTX-624 0.32 (mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-10659-1

SDG No.:

Instrument ID: C.i Start Date: 05/04/2012 10:05

Analysis Batch Number: 38178 End Date: 05/05/2012 10:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-38178/1		05/04/2012 10:05	1	cktd001.d	RTX-624 0.32(mm)
CCVIS 200-38178/2		05/04/2012 10:58	1	cktd002.d	RTX-624 0.32(mm)
LCS 200-38178/3		05/04/2012 11:55	1	cktd003.d	RTX-624 0.32(mm)
MB 200-38178/4		05/04/2012 12:47	1	cktd004.d	RTX-624 0.32(mm)
ZZZZZ		05/04/2012 13:40	29.8		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 14:34	14.9		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 15:27	10		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 16:20	10		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 17:14	10		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 18:07	60		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 19:02	0.2		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 19:56	0.2		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 20:50	0.2		RTX-624 0.32(mm)
200-10659-12	3399	05/04/2012 21:44	0.2	cktd014.d	RTX-624 0.32(mm)
ZZZZZ		05/04/2012 22:38	2.5		RTX-624 0.32(mm)
ZZZZZ		05/04/2012 23:31	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 00:24	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 01:17	16.1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 02:10	6.45		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 03:03	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 03:56	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 04:49	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 05:42	23.9		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 06:36	0.2		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 07:29	140		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 08:23	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 09:16	1		RTX-624 0.32(mm)
ZZZZZ		05/05/2012 10:10	1		RTX-624 0.32(mm)

Shipping and Receiving Documents

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Gary Saylor, PE	Samples Collected By: H Broyles	1 of 1 COCs
Company: SCS Engineers Inc	Phone: 513-421-5353 x107		
Address: 2060 Reading Rd S.200	Email: garysaylor@scsengineers.com		
City/State/Zip Cincinnati, OH 45202			
Phone: 513-421-5353	Site Contact:		
FAX: 513-421-2847	TA Contact:		
Project Name: Valleycrest Stack	Analysis Turnaround Time		
Site: Valleycrest LF, Dayton, OH	Standard (Specify) X		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
VLF #1 051512	5-15-12	1250	1317	28.78	5.06	4905	5087			X	X							X	
VLF #2 051512	5-15-12	1330	1404	28.86	5.10	4905	3411			X	X							X	
VLF #3 051512	5-15-12	1410	1444	28.70	5.12	4905	4307			X	X							X	

Temperature (Fahrenheit)	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:
REPORT NMOC IN SAMPLES AS BOTH ACTUAL AND THE VALUE CORRECTED FOR OXYGEN.

Samples Shipped by:	Date/Time:	Samples Received by:	5/17/12 1015
Samples Relinquished by:	Date/Time: 5/15/12	Received by:	
Relinquished by:	Date/Time:	Received by:	

Lab Use Only Shipper Name: Opened by: Condition:

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

From: (513) 421-5353
RANDY MILLS
SCS ENGINEERS
2060 READING ROAD
SUITE #200
CINCINNATI, OH 45202

Origin ID: LUKA

FedEx Express

J1113110808225

Ship Date: 16MAY12
ActWgt: 30.0 LB MAN
CAD: 880530/CAFE2511

Delivery Address Bar Code

SHIP TO: (802) 923-1026
DON DAWICKI
TESTAMERICA
30 COMMUNITY DR STE 11

SOUTH BURLINGTON, VT 05403

BILL SENDER

Ref # 05199008.03
Invoice #
PO #
Dept #

THU - 17 MAY A4
PRIORITY OVERNIGHT

TRK# 0201 4729 8986 7310

ADG
05403
VT-US
BTV

XH BTVA

50DC3/61A4/108C

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 200-10847-1
SDG Number: 200-10847

Login Number: 10847
List Number: 1
Creator: Kirchner, Benjamin

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	Check done at department level as required.

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

August 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #210 – July 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for July 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report

Report #210 – July 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- In accordance with Provision 9 (Compliance Reporting) of the Valleycrest Site Environmental Covent (EC), dated October 10, 2007, the VLSG has verified, to the best of its ability, that the activity and use limitations remain in place and are in compliance with the EC. Verification involved a site visit by a VLSG representative, review of the property title and a telephone inquiry to the Montgomery County Treasurer Office; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of July 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (August 2012)

- Develop Monthly Progress Report #210 summarizing activities in July 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (August 2012)

- August 10 - Anticipated submittal of the July 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	07/10	U.S. EPA	Monthly Progress Report for the Month of June 2012

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/3/2012

Subject: LFG Monitoring Summary - Week of 06/25/12 - 07/01/12

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 240 to 360 to mins. ON and 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 25, 2012 with high temps of 76 to 80°F and partly cloudy conditions.
Vacuum readings were last taken on June 3, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/25/2012	--	--	6:00	--	--	12:00	--	--	6.0
6/26/2012	--	--	9:00	--	--	3:00	--	--	6.0
6/27/2012	--	--	9:00	--	--	3:00	--	--	6.0
6/28/2012	--	--	9:00	--	--	3:00	--	--	6.0
6/29/2012	--	--	9:00	10:00#	--	--	--	--	1.0
6/30/2012	--	--	--	--	--	--	--	--	0.0
7/1/2012	--	--	--	--	12:30	4:30	--	--	4.0
								Total Hrs. =	29.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/25/2012	CPs, TGP/GPs, GVs, S&EWs	9:00A - 4:30P	0.0	29.94 - 29.96	R
6/26/2012	--	--	--	--	--
6/27/2012	--	--	--	--	--
6/28/2012	--	--	--	--	--
6/29/2012	--	--	--	--	--
6/30/2012	--	--	--	--	--
7/1/2012	--	--	-	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6965, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	25-Jun		26-Jun		27-Jun		28-Jun		29-Jun		30-Jun		1-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	0.0	18.1	--	--	--	--	--	--	--	--	--	--	--	--
CP1-2	0.0	15.8	--	--	--	--	--	--	--	--	--	--	--	--
CP1-3	0.0	14.9	--	--	--	--	--	--	--	--	--	--	--	--
CP1-4	0.0	16.7	--	--	--	--	--	--	--	--	--	--	--	--
CP1-5	0.0	17.4	--	--	--	--	--	--	--	--	--	--	--	--
CP1-7	0.0	17.2	--	--	--	--	--	--	--	--	--	--	--	--
CP1-9	0.0	17.7	--	--	--	--	--	--	--	--	--	--	--	--
CP1-11	0.0	16.1	--	--	--	--	--	--	--	--	--	--	--	--
CP1-13	0.0	15.3	--	--	--	--	--	--	--	--	--	--	--	--
GP-01 (for CP1-14)	0.0	17.3	--	--	--	--	--	--	--	--	--	--	--	--
GP-02 (for CP1b-1R)	0.0	18.8	--	--	--	--	--	--	--	--	--	--	--	--
CP1b-2R	0.0	19.1	--	--	--	--	--	--	--	--	--	--	--	--
CP1b-4R	0.0	19.8	--	--	--	--	--	--	--	--	--	--	--	--
CP1b-6R	0.0	19.5	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-E	0.0	18.6	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-A	0.0	16.4	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-F	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-B	0.0	16.4	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-G	0.0	18.8	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-C	0.0	19.8	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-H	0.0	19.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP1b-D	0.0	20.0	--	--	--	--	--	--	--	--	--	--	--	--
GP-03	0.0	18.5	--	--	--	--	--	--	--	--	--	--	--	--
TGP-82	0.0	15.1	--	--	--	--	--	--	--	--	--	--	--	--
GP-04	0.0	18.4	--	--	--	--	--	--	--	--	--	--	--	--
TGP-83	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
CP2-1	0.0	19.9	--	--	--	--	--	--	--	--	--	--	--	--
CP2-2	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
CP2-4R	0.0	20.1	--	--	--	--	--	--	--	--	--	--	--	--
CP2-5R	0.0	18.2	--	--	--	--	--	--	--	--	--	--	--	--
CP-6R	0.0	18.8	--	--	--	--	--	--	--	--	--	--	--	--
CP2-7	0.0	19.1	--	--	--	--	--	--	--	--	--	--	--	--
CP2-9	0.0	19.3	--	--	--	--	--	--	--	--	--	--	--	--
TGP-06	0.0	17.5	--	--	--	--	--	--	--	--	--	--	--	--
TGP-East	0.0	20.1	--	--	--	--	--	--	--	--	--	--	--	--
TGP-Dads	0.0	19.8	--	--	--	--	--	--	--	--	--	--	--	--
CP3-1RR	0.0	19.2	--	--	--	--	--	--	--	--	--	--	--	--
CP3-2R	0.0	19.6	--	--	--	--	--	--	--	--	--	--	--	--
CP3-4R	0.0	19.9	--	--	--	--	--	--	--	--	--	--	--	--
CP3-5R	0.0	20.1	--	--	--	--	--	--	--	--	--	--	--	--
CP3-7R	0.0	20.0	--	--	--	--	--	--	--	--	--	--	--	--
CP3-8R	0.0	19.6	--	--	--	--	--	--	--	--	--	--	--	--
CP3-9	0.0	19.3	--	--	--	--	--	--	--	--	--	--	--	--
CP3-10R	0.0	20.1	--	--	--	--	--	--	--	--	--	--	--	--
CP3-12R	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
CP3-13R	0.0	19.2	--	--	--	--	--	--	--	--	--	--	--	--
CP3-14R	0.0	19.4	--	--	--	--	--	--	--	--	--	--	--	--
CP3-15R	0.0	20.0	--	--	--	--	--	--	--	--	--	--	--	--
TGP-89	0.0	19.8	--	--	--	--	--	--	--	--	--	--	--	--
CP4-A	0.0	19.4	--	--	--	--	--	--	--	--	--	--	--	--
CP4-B	0.0	18.8	--	--	--	--	--	--	--	--	--	--	--	--
CP4-C	0.0	17.1	--	--	--	--	--	--	--	--	--	--	--	--
CP4-1	0.0	15.0	--	--	--	--	--	--	--	--	--	--	--	--
CP4-2	0.0	18.0	--	--	--	--	--	--	--	--	--	--	--	--
CP4-3	0.0	18.6	--	--	--	--	--	--	--	--	--	--	--	--
CP4-4	0.0	17.9	--	--	--	--	--	--	--	--	--	--	--	--
CP4-6	0.0	19.0	--	--	--	--	--	--	--	--	--	--	--	--
CP5-1R	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
CP5-3R	0.0	18.6	--	--	--	--	--	--	--	--	--	--	--	--
CP5-4R	0.0	18.5	--	--	--	--	--	--	--	--	--	--	--	--
CP5-6	0.0	17.9	--	--	--	--	--	--	--	--	--	--	--	--
CP5-8	0.0	16.6	--	--	--	--	--	--	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	25-Jun		26-Jun		27-Jun		28-Jun		29-Jun		30-Jun		1-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	0.0	17.0	--	--	--	--	--	--	--	--	--	--	--	--
TGP-63	0.0	18.4	--	--	--	--	--	--	--	--	--	--	--	--
TGP-57	0.0	19.1	--	--	--	--	--	--	--	--	--	--	--	--
TGP-62	0.0	17.1	--	--	--	--	--	--	--	--	--	--	--	--
GP-12	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP-60	0.0	18.4	--	--	--	--	--	--	--	--	--	--	--	--
TGP-65	0.0	16.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP-66	0.0	18.2	--	--	--	--	--	--	--	--	--	--	--	--
TGP-67	0.0	19.4	--	--	--	--	--	--	--	--	--	--	--	--
TGP-68	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP-53	0.0	15.8	--	--	--	--	--	--	--	--	--	--	--	--
TGP-59	0.0	17.6	--	--	--	--	--	--	--	--	--	--	--	--
TGP-58	0.0	18.8	--	--	--	--	--	--	--	--	--	--	--	--
GP-14	0.0	19.0	--	--	--	--	--	--	--	--	--	--	--	--
TGP-87	0.0	19.4	--	--	--	--	--	--	--	--	--	--	--	--
TGP-88	0.0	19.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP-69	0.0	19.2	--	--	--	--	--	--	--	--	--	--	--	--
TGP-90	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--
GP-17	0.0	14.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP-91	0.0	19.0	--	--	--	--	--	--	--	--	--	--	--	--
GP-18	0.0	19.2	--	--	--	--	--	--	--	--	--	--	--	--
TGP-73	0.0	19.0	--	--	--	--	--	--	--	--	--	--	--	--
TGP-74	0.0	18.8	--	--	--	--	--	--	--	--	--	--	--	--
TGP-84	0.0	18.7	--	--	--	--	--	--	--	--	--	--	--	--
TGP-75	0.0	18.1	--	--	--	--	--	--	--	--	--	--	--	--
TGP-85	0.0	18.3	--	--	--	--	--	--	--	--	--	--	--	--
TGP-72	0.0	17.9	--	--	--	--	--	--	--	--	--	--	--	--
TGP-86	0.0	18.1	--	--	--	--	--	--	--	--	--	--	--	--
TGP-32	0.0	18.9	--	--	--	--	--	--	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 11 - Jun 17, 2012						Week of:	Jun 25 - Jul 01, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	LEG 1	--	--	--	--	--	--
GV1-1	--	60	4.4	14.8	7.7	73	GV1-1	--	80	0.7	15.3	5.4	79
GV1-2	--	62	27.8	2.2	25	45	GV1-2	--	--	29.6	0.2	27	43
GV1-3	--	76	33.1	0.0	30	37	GV1-3	--	--	30.1	0.0	29	41
GV1-4	--	58	33.9	0.0	29	37	GV1-4	--	--	33.3	0.0	29	38
GV1-5	--	--	26.3	0.0	28	48	GV1-5	--	--	32.5	0.1	29	38
GV1-6	--	--	21.6	0.0	27	51	GV1-6	--	--	32.4	0.1	29	39
GV1-7	--	--	0.4	18 9	1.7	79	GV1-7	--	--	0.5	16.2	2.3	81
GV1-8	--	--	4.4	5.8	15	75	GV1-8	--	--	32.2	0.5	29	38
GV1-9	--	--	7.6	4.8	17	71	GV1-9	--	--	32.5	0.2	29	38
GV1-10X	--	--	7.0	1.3	21	71	**GV1-10X**	--	--	32.9	0.2	29	38
GV1-11	--	--	7.1	1.7	21	70	GV1-11	--	--	6.2	2.3	19	73
GV1-12	--	--	11.2	2.3	21	65	GV1-12	--	--	33.1	0.1	29	38
GV1-13	--	--	6.9	0.0	22	71	GV1-13	--	--	33.4	0.0	28	38
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.6	14.6	6.3	79	GV1b-1	--	--	14.4	4.7	17	64
GV1b-2	--	--	4.1	3.3	18	75	GV1b-2	--	--	1.3	12 2	7.6	79
GV1b-3	--	--	0.9	8 1	12	79	GV1b-3	--	--	1.0	13.4	7.0	79
GV1b-4	--	--	0.2	13.4	7.7	79	GV1b-4	--	--	1.6	14.6	5.7	78
GV1b-5	--	62	0.3	16.8	3.2	80	GV1b-5	--	72	4.1	14.2	6.6	75
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.5	16.6	4.4	78	GV2-1	--	--	1.7	13.5	6.6	78
GV2-2	--	80	0.2	14.0	5.2	81	GV2-2	--	80	0.2	9.7	9.0	81
GV2-3	--	80	0.2	11.1	10	79	GV2-3	--	82	3.5	4.5	14	78
GV2-4	--	84	1.8	6.9	13	78	GV2-4	--	88	5.0	2.9	16	76
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	58.2	0.0	31	13	GV3-1	--	--	59 8	0.0	31	9
GV3-2	--	--	46.3	0.4	29	24	GV3-2	--	--	31.6	5.5	20	43
GV3-3	--	--	0.5	17.2	4.1	78	GV3-3	--	--	0.2	15.3	5.4	79
GV3-4	--	76	3.2	7.6	13	76	GV3-4	--	82	8.5	6.3	15	70
GV3-5	--	--	5.7	5.1	15	74	GV3-5	--	--	1.7	8.0	12	80
GV3-6	--	--	2.8	3.4	13	81	GV3-6	--	--	2.0	2.7	15	80
GV3-7	--	--	0.8	1.1	15	83	GV3-7	--	--	0.2	3.3	14	83
GV3-8	--	--	3.2	0.0	15	82	GV3-8	--	--	2.8	0.3	16	81
GV3-9	--	--	5.4	4.0	13	78	GV3-9	--	--	3.5	4.8	13	79
GV3-10 X	--	--	0.2	3.0	16	81	**GV3-10 X**	--	--	0.0	7.8	12	80
GV3-11	--	--	2.4	1 9	18	78	GV3-11	--	--	3 2	7.7	13	76
GV3-12	--	--	0.8	1.2	18	80	GV3-12	--	--	0.0	11.3	10	79
GV3-13	--	--	6.4	0 0	19	75	GV3-13	--	--	0.0	7.4	13	80
GV3-14	--	--	19.3	0.3	20	60	GV3-14	--	--	24.1	1.7	20	54
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	80	1.1	2.1	16	81	GV4-C	--	82	1.1	2.8	15	81
GV4-B	--	--	1 0	1.3	15	83	GV4-B	--	--	0.7	2.5	15	82
GV4-A	--	--	0.7	9.7	16	74	GV4-A	--	--	0.0	16 2	3.4	80
GV4-1	--	--	11.6	3.5	16	69	GV4-1	--	--	12.2	2.8	17	68
GV4-2	--	--	11.3	0.1	21	68	GV4-2	--	--	8.2	1.4	20	70
GV4-3	--	--	3.8	9.0	12	75	GV4-3	--	--	3.6	9.2	11	76
GV4-4 X	--	--	0.1	19.0	1.1	80	**GV4-4 X**	--	--	0.0	19.6	0.3	80
GV4-5	--	--	15.2	0.5	21	63	GV4-5	--	--	21.3	0.5	23	55
GV4-6	--	--	19.9	8.8	11	60	GV4-6	--	--	2.0	10.1	9.2	79
GV4-7	--	--	26.2	0 4	25	48	GV4-7	--	--	25.1	0.7	25	49
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	31.5	0.0	32	37	GV5-1	--	84	42.0	0.3	29	29
GV5-2	--	--	29.0	0 0	29	42	GV5-2	--	--	42 9	0.0	28	29
GV5-3	--	--	27.9	0.0	28	44	GV5-3	--	--	30.4	0.7	27	42
GV5-4	--	--	28.4	0 0	28	44	GV5-4	--	--	25.4	7.2	18	49
GV5-5	--	--	28.6	0.0	29	42	GV5-5	--	--	33.8	2.4	25	39
GV5-6	--	--	28.7	0.0	29	42	GV5-6	--	--	30.8	4.6	22	43
GV5-7	--	--	28.4	0.0	28	44	GV5-7	--	--	29.5	5 1	20	45
GV5-8	--	--	2.1	17.8	2.1	78	GV5-8	--	--	0.3	19.2	0 4	80
GV5-9	--	--	1.5	19.0	1.5	78	GV5-9	--	--	0.2	19.6	0.1	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed, and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 11 - Jun 17, 2012						Week of:	Jun 25 - Jul 01, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	5.4	9.2	14	71	EW-1	--	--	12.7	5.3	17	65
EW-2		--	0.0	13.3	8.9	78	EW-2		--	0.0	8.5	11	81
EW-3	-	--	15.7	2.6	20	62	EW-3	-	--	16.6	0.9	21	62
EW-4	--	--	24.1	0.0	23	53	EW-4	--	--	19.0	0.0	22	59
EW-5	--	--	33.7	0.0	28	38	EW-5	--	--	21.3	0.0	21	58
EW-6	--	--	24.0	0.0	24	52	EW-6	--	--	28.6	0.0	26	45
EW-7	--	--	24.4	0.0	24	52	EW-7	--	--	24.1	0.0	23	53
EW-8	--	--	28.2	0.0	27	45	EW-8	--	--	25.7	0.0	25	49
EW-9	--	--	37.7	0.0	30	32	EW-9	--	--	39.7	7.4	30	23
EW-10	--	--	0.5	9.0	8.2	82	EW-10	--	--	0.4	0.5	8.5	91
EW-11	--	--	0.3	19.6	1.1	79	EW-11	--	--	14.7	13.5	20	52
EW-12	--	--	0.3	17.4	3.4	79	EW-12	--	--	0.5	0.0	6.4	93
SW1	--	--	29.4	0.5	21	49	SW1	--	--	31.7	0.0	30	38
SW2	--	--	31.6	0.0	30	38	SW2	--	--	33.2	0.0	31	36
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	10.2	0.6	22	67	NW1	--	--	45.9	0.0	33	21
NW2	--	--	38.8	0.0	32	29	NW2	--	--	42.3	0.0	33	25
NW3	--	--	39.5	0.0	33	28	NW3	--	--	46.7	0.0	35	18
NW4	--	--	19.6	0.0	24	56	NW4	--	--	42.4	0.0	30	28
NW5	--	--	11.3	9.1	12	68	NW5	--	--	14.6	9.5	13	63
NW6	--	--	41.3	0.0	35	24	NW6	--	--	43.4	0.0	35	22
NW7	--	--	61.2	0.0	38	1	NW7	--	--	61.8	0.0	38	0
NW8	--	--	9.1	0.0	22	69	NW8	--	--	36.2	2.1	27	35
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
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(5) Temperature readings recorded from well head thermometers;
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(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/20/2012

Subject: LFG Monitoring Summary - Week of 07/09/12 - 07/15/12

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flame failure due to low methane or other issues.
Flare operating cycles were 360 mins. ON and 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 10, 2012 with temps of 79 to 91°F and clear conditions.
Vacuum readings were last taken on June 3, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/9/2012	--	--	5:30	11:30	--	--	--	--	6.0
7/10/2012	--	--	5:30	11:30	--	--	--	--	6.0
7/11/2012	--	--	5:30	11:30	--	--	--	--	6.0
7/12/2012	--	--	5:30	11:30	--	--	--	--	6.0
7/13/2012	--	--	5:30	11:30	--	--	--	--	6.0
7/14/2012	5:30	6:00#	9:00	10:00#	--	--	--	--	1.5
7/15/2012	--	--	10:00	11:00#	--	--	--	--	1.0
								Total Hrs. =	32.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/9/2012	--	--	--	--	--
7/10/2012	CPs, TGP/GPs, GVs, S&EWs	10:30A - 6:00P	0.0	30.05 - 29.99	F
7/11/2012	--	--	--	--	--
7/12/2012	--	--	--	--	--
7/13/2012	--	--	--	--	--
7/14/2012	--	--	--	--	--
7/15/2012	--	--	-	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	9-Jul		10-Jul		11-Jul		12-Jul		13-Jul		14-Jul		15-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	0.0	18.6	--	--	--	--	--	--	--	--	--	--
CP1-2	--	--	0.0	17.2	--	--	--	--	--	--	--	--	--	--
CP1-3	--	--	0.0	16.9	--	--	--	--	--	--	--	--	--	--
CP1-4	--	--	0.0	17.0	--	--	--	--	--	--	--	--	--	--
CP1-5	--	--	0.0	17.8	--	--	--	--	--	--	--	--	--	--
CP1-7	--	--	0.0	17.6	--	--	--	--	--	--	--	--	--	--
CP1-9	--	--	0.0	17.0	--	--	--	--	--	--	--	--	--	--
CP1-11	--	--	0.0	16.8	--	--	--	--	--	--	--	--	--	--
CP1-13	--	--	0.0	15.8	--	--	--	--	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	0.0	17.1	--	--	--	--	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	0.0	18.2	--	--	--	--	--	--	--	--	--	--
CP1b-2R	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
CP1b-4R	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
CP1b-6R	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
TGP1b-E	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
TGP1b-A	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
TGP1b-F	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
TGP1b-B	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
TGP1b-G	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
TGP1b-C	--	--	0.0	19.4	--	--	--	--	--	--	--	--	--	--
TGP1b-H	--	--	0.0	19.3	--	--	--	--	--	--	--	--	--	--
TGP1b-D	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
GP-03	--	--	0.0	18.5	--	--	--	--	--	--	--	--	--	--
TGP-82	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
GP-04	--	--	0.0	18.0	--	--	--	--	--	--	--	--	--	--
TGP-83	--	--	0.0	18.5	--	--	--	--	--	--	--	--	--	--
CP2-1	--	--	0.0	19.2	--	--	--	--	--	--	--	--	--	--
CP2-2	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
CP2-4R	--	--	0.0	19.4	--	--	--	--	--	--	--	--	--	--
CP2-5R	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
CP-6R	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
CP2-7	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
CP2-9	--	--	0.0	18.4	--	--	--	--	--	--	--	--	--	--
TGP-06	--	--	0.0	17.6	--	--	--	--	--	--	--	--	--	--
TGP-East	--	--	0.0	19.7	--	--	--	--	--	--	--	--	--	--
TGP-Dads	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
CP3-1RR	--	--	0.0	20.0	--	--	--	--	--	--	--	--	--	--
CP3-2R	--	--	0.0	19.2	--	--	--	--	--	--	--	--	--	--
CP3-4R	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
CP3-5R	--	--	0.0	18.6	--	--	--	--	--	--	--	--	--	--
CP3-7R	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
CP3-8R	--	--	0.0	19.2	--	--	--	--	--	--	--	--	--	--
CP3-9	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
CP3-10R	--	--	0.0	19.4	--	--	--	--	--	--	--	--	--	--
CP3-12R	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
CP3-13R	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
CP3-14R	--	--	0.0	18.0	--	--	--	--	--	--	--	--	--	--
CP3-15R	--	--	0.0	18.6	--	--	--	--	--	--	--	--	--	--
TGP-89	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
CP4-A	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
CP4-B	--	--	0.0	18.3	--	--	--	--	--	--	--	--	--	--
CP4-C	--	--	0.0	17.9	--	--	--	--	--	--	--	--	--	--
CP4-1	--	--	0.0	16.2	--	--	--	--	--	--	--	--	--	--
CP4-2	--	--	0.0	17.0	--	--	--	--	--	--	--	--	--	--
CP4-3	--	--	0.0	17.2	--	--	--	--	--	--	--	--	--	--
CP4-4	--	--	0.0	17.6	--	--	--	--	--	--	--	--	--	--
CP4-6	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
CP5-1R	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
CP5-3R	--	--	0.0	18.4	--	--	--	--	--	--	--	--	--	--
CP5-4R	--	--	0.0	17.7	--	--	--	--	--	--	--	--	--	--
CP5-6	--	--	0.0	17.1	--	--	--	--	--	--	--	--	--	--
CP5-8	--	--	0.0	16.4	--	--	--	--	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	9-Jul		10-Jul		11-Jul		12-Jul		13-Jul		14-Jul		15-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	0.0	17.0	--	--	--	--	--	--	--	--	--	--
TGP-63	--	--	0.0	18.2	--	--	--	--	--	--	--	--	--	--
TGP-57	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
TGP-62	--	--	0.0	17.8	--	--	--	--	--	--	--	--	--	--
GP-12	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
TGP-60	--	--	0.0	17.6	--	--	--	--	--	--	--	--	--	--
TGP-65	--	--	0.0	16.6	--	--	--	--	--	--	--	--	--	--
TGP-66	--	--	0.0	17.3	--	--	--	--	--	--	--	--	--	--
TGP-67	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
TGP-68	--	--	0.0	18.4	--	--	--	--	--	--	--	--	--	--
TGP-53	--	--	0.0	16.2	--	--	--	--	--	--	--	--	--	--
TGP-59	--	--	0.0	17.3	--	--	--	--	--	--	--	--	--	--
TGP-58	--	--	0.0	18.2	--	--	--	--	--	--	--	--	--	--
GP-14	--	--	0.0	19.2	--	--	--	--	--	--	--	--	--	--
TGP-87	--	--	0.0	19.4	--	--	--	--	--	--	--	--	--	--
TGP-88	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
TGP-69	--	--	0.0	20.0	--	--	--	--	--	--	--	--	--	--
TGP-90	--	--	0.0	18.4	--	--	--	--	--	--	--	--	--	--
GP-17	--	--	0.0	16.2	--	--	--	--	--	--	--	--	--	--
TGP-91	--	--	0.0	18.6	--	--	--	--	--	--	--	--	--	--
GP-18	--	--	0.0	18.2	--	--	--	--	--	--	--	--	--	--
TGP-73	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
TGP-74	--	--	0.0	18.7	--	--	--	--	--	--	--	--	--	--
TGP-84	--	--	0.0	18.7	--	--	--	--	--	--	--	--	--	--
TGP-75	--	--	0.0	16.2	--	--	--	--	--	--	--	--	--	--
TGP-85	--	--	0.0	17.8	--	--	--	--	--	--	--	--	--	--
TGP-72	--	--	0.0	17.1	--	--	--	--	--	--	--	--	--	--
TGP-86	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
TGP-32	--	--	0.0	17.9	--	--	--	--	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 25 - Jul 01, 2012						Week of:	Jul 09 - Jul 16, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	80	0.7	15.3	5.4	79	GV1-1	--	--	3.3	6.1	16	75
GV1-2	--	--	29.6	0.2	27	43	GV1-2	--	--	11.3	12.2	10	67
GV1-3	--	--	30.1	0.0	29	41	GV1-3	--	--	24.6	1.8	26	48
GV1-4	--	--	33.3	0.0	29	38	GV1-4	--	--	24.9	2.7	27	45
GV1-5	--	--	32.5	0.1	29	38	GV1-5	--	--	10.6	2.3	22	65
GV1-6	--	--	32.4	0.1	29	39	GV1-6	--	--	15.2	1.9	24	59
GV1-7	--	--	0.5	16.2	2.3	81	GV1-7	--	78	0.1	16.7	2.0	81
GV1-8	--	--	32.2	0.5	29	38	GV1-8	--	--	3.6	7.1	15	74
GV1-9	--	--	32.5	0.2	29	38	GV1-9	--	--	7.7	3.5	20	69
GV1-10X	--	--	32.9	0.2	29	38	**GV1-10X**	--	--	6.3	1.8	21	71
GV1-11	--	--	6.2	2.3	19	73	GV1-11	--	--	5.6	3.4	18	73
GV1-12	--	--	33.1	0.1	29	38	GV1-12	--	--	9.8	3.4	20	67
GV1-13	--	--	33.4	0.0	29	38	GV1-13	--	--	5.8	1.9	20	73
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	14.4	4.7	17	64	GV1b-1	--	--	0.6	14.2	5.9	79
GV1b-2	--	--	1.3	12.2	7.6	79	GV1b-2	--	--	3.6	3.0	19	74
GV1b-3	--	--	1.0	13.4	7.0	79	GV1b-3	--	--	0.3	12.2	7.7	80
GV1b-4	--	--	1.6	14.6	5.7	78	GV1b-4	--	--	0.3	12.9	7.5	79
GV1b-5	--	72	4.1	14.2	6.6	75	GV1b-5	--	82	0.2	15.5	1.9	82
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.7	13.5	6.6	78	GV2-1	--	--	0.8	16.8	2.9	80
GV2-2	--	80	0.2	9.7	9.0	81	GV2-2	--	82	0.0	17.7	4.3	78
GV2-3	--	82	3.5	4.5	14	78	GV2-3	--	84	0.0	11.7	7.9	80
GV2-4	--	88	5.0	2.9	16	76	GV2-4	--	88	1.1	8.0	11	80
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	59.8	0.0	31	9	GV3-1	--	--	52.2	1.1	30	17
GV3-2	--	--	31.8	5.5	20	43	GV3-2	--	--	38.9	3.6	28	30
GV3-3	--	--	0.2	15.3	5.4	79	GV3-3	--	--	0.2	17.2	2.6	80
GV3-4	--	82	8.5	6.3	15	70	GV3-4	--	86	3.3	7.9	12	77
GV3-5	--	--	1.7	6.0	12	80	GV3-5	--	--	4.5	6.5	14	75
GV3-6	--	--	2.0	2.7	15	80	GV3-6	--	--	2.1	2.3	14	82
GV3-7	--	--	0.2	3.3	14	83	GV3-7	--	--	0.4	3.4	15	81
GV3-8	--	--	2.8	0.3	16	81	GV3-8	--	--	2.0	1.2	15	82
GV3-9	--	--	3.5	4.8	13	79	GV3-9	--	--	5.4	3.9	14	77
GV3-10 X	--	--	0.0	7.8	12	80	**GV3-10 X**	--	--	0.0	6.4	13	81
GV3-11	--	--	3.2	7.7	13	76	GV3-11	--	--	0.0	6.6	14	79
GV3-12	--	--	0.0	11.3	10	79	GV3-12	--	--	0.1	8.8	11	80
GV3-13	--	--	0.0	7.4	13	80	GV3-13	--	--	0.0	6.4	13	81
GV3-14	--	--	24.1	1.7	20	54	GV3-14	--	--	24.3	0.7	21	54
LEG 3	--	--	--	--	--	--	LEG 3	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	82	1.1	2.9	15	81	GV4-C	--	88	0.6	6.3	13	80
GV4-B	--	--	0.7	2.5	15	82	GV4-B	--	--	0.4	5.2	14	80
GV4-A	--	--	0.0	16.2	3.4	80	GV4-A	--	--	0.0	15.1	4.5	80
GV4-1	--	--	12.2	2.8	17	68	GV4-1	--	--	12.2	4.0	17	67
GV4-2	--	--	8.2	1.4	20	70	GV4-2	--	--	8.6	2.8	19	70
GV4-3	--	--	3.6	9.2	11	76	GV4-3	--	--	2.8	9.6	10	78
GV4-4 X	--	--	0.0	19.6	0.3	80	**GV4-4 X**	--	--	0.0	19.1	2.8	78
GV4-5	--	--	21.3	0.6	23	55	GV4-5	--	--	14.8	2.6	21	62
GV4-6	--	--	2.0	10.1	9.2	79	GV4-6	--	--	1.2	10.7	8.5	80
GV4-7	--	--	25.1	0.7	25	49	GV4-7	--	--	21.6	1.8	24	53
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	84	42.0	0.3	29	29	GV5-1	--	86	40.2	0.9	30	29
GV5-2	--	--	42.9	0.0	28	29	GV5-2	--	--	34.3	0.9	28	37
GV5-3	--	--	30.4	0.7	27	42	GV5-3	--	--	30.7	1.2	28	40
GV5-4	--	--	25.4	7.2	18	49	GV5-4	--	--	32.9	2.4	27	38
GV5-5	--	--	33.8	2.4	25	39	GV5-5	--	--	33.9	1.8	26	38
GV5-6	--	--	30.8	4.6	22	43	GV5-6	--	--	34.1	1.4	27	38
GV5-7	--	--	29.5	5.1	20	45	GV5-7	--	--	20.1	3.7	19	57
GV5-8	--	--	0.3	19.2	0.4	80	GV5-8	--	--	0.0	18.6	0.5	81
GV5-9	--	--	0.2	19.6	0.1	80	GV5-9	--	--	0.0	18.9	0.2	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 26 - Jul 01, 2012						Week of:	Jul 09 - Jul 15, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	12.7	5.3	17	65	EW-1	--	--	3.3	11.3	11	74
EW-2	--	--	0.0	8.5	11	81	EW-2		--	0.0	12.3	9	79
EW-3	--	--	18.6	0.9	21	62	EW-3	-	--	12.2	4.1	19	65
EW-4	--	--	19.0	0.0	22	59	EW-4	--	--	23.6	0.0	20	56
EW-5	--	--	21.3	0.0	21	58	EW-5	--	--	28.2	0.0	22	52
EW-6	--	--	28.6	0.0	26	45	EW-6	--	--	24.4	0.8	24	51
EW-7	--	--	24.1	0.0	23	53	EW-7	--	--	22.6	0.5	21	56
EW-8	--	--	25.7	0.0	25	49	EW-8	--	--	26.3	0.4	26	47
EW-9	--	--	39.7	7.4	30	23	EW-9	--	--	30.3	0.2	28	42
EW-10	--	--	0.4	0.5	8.5	91	EW-10	--	--	0.2	9.5	7.4	83
EW-11	--	--	14.7	13.5	20	52	EW-11	--	--	0.1	19.1	0.5	80
EW-12	--	--	0.5	0.0	6.4	93	EW-12	--	--	0.0	18.0	1.7	80
SW1	--	--	31.7	0.0	30	38	SW1	--	--	34.2	0.0	25	41
SW2	--	--	33.2	0.0	31	36	SW2	--	--	37.7	0.0	24	38
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	45.9	0.0	33	21	NW1	--	--	8.7	1.1	22	68
NW2	--	--	42.3	0.0	33	25	NW2	--	--	31.3	1.2	30	38
NW3	--	--	46.7	0.0	35	18	NW3	--	--	31.5	1.0	31	37
NW4	--	--	42.4	0.0	30	28	NW4	--	--	17.6	1.3	24	57
NW5	--	--	14.6	9.5	13	63	NW5	--	--	16.1	2.8	20	61
NW6	--	--	43.4	0.0	35	22	NW6	--	--	35.1	1.2	33	31
NW7	--	--	61.8	0.0	38	0	NW7	--	--	56.4	1.1	38	5
NW8	--	--	38.2	2.1	27	35	NW8	--	--	8.5	1.6	21	69
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed, and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/3/2012

Subject: LFG Monitoring Summary - Week of 07/23/12 - 07/29/12

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 mins. ON and 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 29, 2012 with temps of 75 to 86°F and scattered clouds.
Vacuum readings were last taken on July 27, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/23/2012	--	--	--	--	3:00	7:00#	--	--	4.0
7/24/2012	--	--	--	--	--	--	--	--	0.0
7/25/2012	--	--	8:00	8:30#	--	--	--	--	0.5
7/26/2012	--	--	--	--	12:00	6:00	--	--	6.0
7/27/2012	0:00	6:00	--	--	12:00	5:30#	--	--	11.5
7/28/2012	--	--	--	--	--	--	--	--	0.0
7/29/2012	--	--	10:00	--	--	4:00	--	--	6.0
								Total Hrs. =	28.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/23/2012	--	--	--	--	--
7/24/2012	--	--	--	--	--
7/25/2012	--	--	--	--	--
7/26/2012	--	--	--	--	--
7/27/2012	CPs, TGP/GPs	11:00A - 3:00P	0.0	29.88 - 29.86	F
7/28/2012	--	--	--	--	--
7/29/2012	TGP/GPs, GVs, S&EWs	10:00A - 4:00P	0.0	30.13 - 30.05	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE. THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-Jul		24-Jul		25-Jul		26-Jul		27-Jul		28-Jul		29-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	13.3	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	10.3	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-Jul		24-Jul		25-Jul		26-Jul		27-Jul		28-Jul		29-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA. Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 09 - Jul 15, 2012						Week of:	Jul 23 - Jul 29, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.21	--	--	--	--	--
GV1-1	--	--	3.3	6.1	16	75	GV1-1	--	60	9.0	0.3	23	68
GV1-2	--	--	11.3	12.2	10	67	GV1-2	--	--	28.7	1.7	24	46
GV1-3	--	--	24.6	1.8	26	48	GV1-3	--	--	29.7	0.6	30	40
GV1-4	--	--	24.9	2.7	27	45	GV1-4	--	--	34.6	0.0	30	35
GV1-5	--	--	10.6	2.3	22	65	GV1-5	--	--	23.4	0.0	28	49
GV1-6	--	--	15.2	1.9	24	59	GV1-6	--	--	22.8	0.0	28	49
GV1-7	--	78	0.1	16.7	2.0	81	GV1-7	--	80	0.6	15.6	3.4	80
GV1-8	--	--	3.8	7.1	15	74	GV1-8	--	--	5.2	11.0	11	73
GV1-9	--	--	7.7	3.5	20	69	GV1-9	--	--	13.1	0.0	27	60
GV1-10X	--	--	6.3	1.8	21	71	**GV1-10X**	--	--	11.3	0.0	25	64
GV1-11	--	--	5.6	3.4	18	73	GV1-11	--	--	7.7	0.7	23	69
GV1-12	--	--	9.8	3.4	20	67	GV1-12	--	--	8.6	5.6	18	68
GV1-13	--	--	5.6	1.9	20	73	GV1-13	--	--	7.0	0.0	23	70
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-0.81	--	--	--	--	--
GV1b-1	--	--	0.6	14.2	5.9	79	GV1b-1	--	--	0.7	12.3	8.0	79
GV1b-2	--	--	3.6	3.0	19	74	GV1b-2	--	--	1.5	0.6	20	78
GV1b-3	--	--	0.3	12.2	7.7	80	GV1b-3	--	--	2.6	2.7	19	76
GV1b-4	--	--	0.3	12.9	7.5	79	GV1b-4	--	--	0.3	9.5	11	79
GV1b-5	--	82	0.2	15.5	1.9	82	GV1b-5	--	64	0.2	16.6	3.3	80
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.10	--	--	--	--	--
GV2-1	--	--	0.8	16.8	2.9	80	GV2-1	--	--	1.1	16.6	4.6	78
GV2-2	--	82	0.0	17.7	4.3	78	GV2-2	--	86	1.2	12.5	5.7	81
GV2-3	--	84	0.0	11.7	7.9	80	GV2-3	--	86	0.2	9.3	10	81
GV2-4	--	88	1.1	8.0	11	80	GV2-4	--	90	1.7	4.7	15	79
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.10	--	--	--	--	--
GV3-1	--	--	52.2	1.1	30	17	GV3-1	--	--	52.6	0.0	32	15
GV3-2	--	--	38.9	3.6	28	30	GV3-2	--	--	47.2	0.0	31	22
GV3-3	--	--	0.2	17.2	2.6	80	GV3-3	--	--	0.5	14.5	6.4	79
GV3-4	--	86	3.3	7.9	12	77	GV3-4	--	98	5.3	1.8	18	75
GV3-5	--	--	4.5	6.5	14	75	GV3-5	--	--	4.8	4.7	17	74
GV3-6	--	--	2.1	2.3	14	82	GV3-6	--	--	2.1	0.9	17	80
GV3-7	--	--	0.4	3.4	15	81	GV3-7	--	--	0.6	0.7	17	82
GV3-8	--	--	2.0	1.2	15	82	GV3-8	--	--	3.5	0.0	17	80
GV3-9	--	--	5.4	3.9	14	77	GV3-9	--	--	7.4	1.3	17	74
GV3-10 X	--	--	0.0	6.4	13	81	**GV3-10 X**	--	--	0.1	3.7	16	80
GV3-11	--	--	0.0	6.8	14	79	GV3-11	--	--	0.8	2.3	17	80
GV3-12	--	--	0.1	8.8	11	80	GV3-12	--	--	1.4	7.6	12	79
GV3-13	--	--	0.0	6.4	13	81	GV3-13	--	--	0.3	3.1	16	81
GV3-14	--	--	24.3	0.7	21	54	GV3-14	--	--	22.2	0.9	21	56
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.16	--	--	--	--	--
GV4-C	--	88	0.6	6.3	13	80	GV4-C	--	84	0.8	6.2	13	80
GV4-B	--	--	0.4	5.2	14	80	GV4-B	--	--	0.8	3.7	15	81
GV4-A	--	--	0.0	15.1	4.5	80	GV4-A	--	--	0.5	8.7	11	80
GV4-1	--	--	12.2	4.0	17	67	GV4-1	--	--	14.6	1.9	20	64
GV4-2	--	--	8.6	2.8	19	70	GV4-2	--	--	8.3	1.4	20	70
GV4-3	--	--	2.8	9.6	10	78	GV4-3	--	--	3.9	8.8	12	75
GV4-4 X	--	--	0.0	19.1	2.8	78	**GV4-4 X**	--	--	0.1	18.7	0.9	80
GV4-5	--	--	14.8	2.6	21	62	GV4-5	--	--	17.0	0.7	23	59
GV4-6	--	--	1.2	10.7	8.5	80	GV4-6	--	--	3.1	8.9	11	77
GV4-7	--	--	21.6	1.8	24	53	GV4-7	--	--	27.0	0.8	27	45
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.24	--	--	--	--	--
GV5-1	--	86	40.2	0.9	30	29	GV5-1	--	82	47.0	0.0	33	20
GV5-2	--	--	34.3	0.9	28	37	GV5-2	--	--	42.5	0.0	32	26
GV5-3	--	--	30.7	1.2	28	40	GV5-3	--	--	35.4	0.0	29	36
GV5-4	--	--	32.9	2.4	27	38	GV5-4	--	--	38.7	0.0	30	31
GV5-5	--	--	33.9	1.8	26	38	GV5-5	--	--	38.8	0.0	30	31
GV5-6	--	--	34.1	1.4	27	38	GV5-6	--	--	38.9	0.0	30	31
GV5-7	--	--	20.1	3.7	19	57	GV5-7	--	--	38.7	0.0	30	31
GV5-8	--	--	0.0	18.6	0.5	81	GV5-8	--	--	0.5	18.3	1.5	80
GV5-9	--	--	0.0	18.9	0.2	81	GV5-9	--	--	0.4	18.7	1.2	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 09 - Jul 15, 2012						Week of:	Jul 23 - Jul 29, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	3.3	11.3	11	74	EW-1	--	-0.32	9.5	8.0	15	68
EW-2	--	--	0.0	12.3	9	79	EW-2	--	-0.12	0.0	9.9	10	80
EW-3	--	--	12.2	4.1	19	65	EW-3	--	-0.10	16.2	0.1	24	60
EW-4	--	--	23.6	0.0	20	56	EW-4	--	--	20.6	0.0	24	55
EW-5	--	--	26.2	0.0	22	52	EW-5	--	--	32.5	0.0	28	40
EW-6	--	--	24.4	0.8	24	51	EW-6	--	--	25.7	0.0	26	48
EW-7	--	--	22.6	0.5	21	56	EW-7	--	--	25.7	0.0	25	49
EW-8	--	--	26.3	0.4	26	47	EW-8	--	--	28.6	0.0	26	43
EW-9	--	--	30.3	0.2	28	42	EW-9	--	--	39.1	0.0	31	31
EW-10	--	--	0.2	9.5	7.4	83	EW-10	--	-0.20	0.8	8.3	8.7	82
EW-11	--	--	0.1	19.1	0.5	80	EW-11	--	-0.37	0.2	19.4	0.8	80
EW-12	--	--	0.0	18.0	1.7	80	EW-12	--	-0.12	0.1	8.8	12	79
SW1	--	--	34.2	0.0	25	41	SW1	--	--	29.0	0.0	31	40
SW2	--	--	37.7	0.0	24	38	SW2	--	--	28.4	0.0	31	41
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.7	1.1	22	68	NW1	--	--	9.1	0.6	24	66
NW2	--	--	31.3	1.2	30	38	NW2	--	--	35.5	0.0	33	32
NW3	--	--	31.5	1.0	31	37	NW3	--	--	39.5	0.0	35	26
NW4	--	--	17.6	1.3	24	57	NW4	--	--	20.3	0.0	27	53
NW5	--	--	16.1	2.8	20	61	NW5	--	--	15.3	0.2	24	61
NW6	--	--	35.1	1.2	33	31	NW6	--	--	42.6	0.0	38	19
NW7	--	--	56.4	1.1	38	5	NW7	--	--	57.4	0.0	40	3
NW8	--	--	8.5	1.6	21	69	NW8	--	--	10.9	0.0	24	65
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes. (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

September 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #211 – August 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for August 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #211 – August 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- Quarterly combustible gas indicator checks were performed on August 15, 2012; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of August 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (September 2012)

- Develop Monthly Progress Report #211 summarizing activities in August 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (September 2012)

- September 10 - Anticipated submittal of the August 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	08/10	U.S. EPA	Monthly Progress Report for the Month of July 2012

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/17/2012

Subject: LFG Monitoring Summary - Week of 08/06/12 - 08/12/12

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 360 to mins. ON and 1080 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 10, 2012 with temps of 68° to 74°F and mostly cloudy conditions.
Vacuum readings were last taken on July 27, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/6/2012	--	--	9:00	--	--	3:00	--	--	6.0
8/7/2012	--	--	9:00	--	--	3:00	--	--	6.0
8/8/2012	--	--	9:00	--	--	3:00	--	--	6.0
8/9/2012	--	--	9:00	--	--	2:30#	--	--	5.5
8/10/2012	--	--	10:00	--	--	1:30#	--	--	3.5
8/11/2012	--	--	--	--	1:30	6:30#	--	--	5.0
8/12/2012	--	--	10:00	--	--	1:00	--	--	3.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/6/2012	--	--	--	--	--
8/7/2012	--	--	--	--	--
8/8/2012	--	--	--	--	--
8/9/2012	--	--	--	--	--
8/10/2012	GVs, S&EWs, GP/TGPs	1:00 - 4:00P	0.0	29.75 - 29.76	S
8/11/2012	CPs, TGP/GPs	9:00A - 3:00P	0.0	29.93 - 29.94	S
8/12/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	6-Aug		7-Aug		8-Aug		9-Aug		10-Aug		11-Aug		12-Aug	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	13.6	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-B2	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-B3	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-B9	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	7.6	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	6-Aug		7-Aug		8-Aug		9-Aug		10-Aug		11-Aug		12-Aug	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
TGP-76	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	15.6	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--

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(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 23 - Jul 29, 2012						Week of:	Aug 06 - Aug 12, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.21	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	60	9.0	0.3	23	68	GV1-1	--	78	19.7	0.3	27	53
GV1-2	--	--	28.7	1.7	24	46	GV1-2	--	--	26.3	0.5	26	47
GV1-3	--	--	29.7	0.6	30	40	GV1-3	--	--	34.0	0.0	32	34
GV1-4	--	--	34.6	0.0	30	35	GV1-4	--	--	34.7	0.0	31	34
GV1-5	--	--	23.4	0.0	28	49	GV1-5	--	--	25.0	0.0	29	46
GV1-6	--	--	22.8	0.0	28	49	GV1-6	--	--	24.3	0.0	29	47
GV1-7	--	80	0.6	15.6	3.4	80	GV1-7	--	80	0.4	17.5	2.4	80
GV1-8	--	--	5.2	11.0	11	73	GV1-8	--	--	12.9	3.3	22	62
GV1-9	--	--	13.1	0.0	27	60	GV1-9	--	--	17.2	0.0	27	56
GV1-10X	--	--	11.3	0.0	25	64	**GV1-10X**	--	--	11.6	0.0	25	63
GV1-11	--	--	7.7	0.7	23	69	GV1-11	--	--	8.8	0.5	24	67
GV1-12	--	--	8.6	5.6	18	68	GV1-12	--	--	14.1	0.0	26	60
GV1-13	--	--	7.0	0.0	23	70	GV1-13	--	--	9.2	0.0	24	67
LEG 1b	-0.81	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	12.3	8.0	79	GV1b-1	--	--	0.6	13.7	7.5	78
GV1b-2	--	--	1.5	0.6	20	78	GV1b-2	--	--	5.1	1.1	21	73
GV1b-3	--	--	2.8	2.7	19	76	GV1b-3	--	--	7.8	1.4	23	68
GV1b-4	--	--	0.3	9.5	11	79	GV1b-4	--	--	0.5	10.4	10	79
GV1b-5	--	84	0.2	16.8	3.3	80	GV1b-5	--	84	0.3	13.0	6.9	80
LEG 2	-0.10	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.1	16.6	4.6	78	GV2-1	--	--	1.5	14.9	6.0	78
GV2-2	--	86	1.2	12.5	5.7	81	GV2-2	--	86	0.3	13.1	6.8	80
GV2-3	--	86	0.2	9.3	10	81	GV2-3	--	84	0.2	7.1	12	81
GV2-4	--	90	1.7	4.7	15	79	GV2-4	--	90	3.0	4.1	16	77
LEG 3	-0.10	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	52.8	0.0	32	15	GV3-1	--	--	58.9	0.0	35	6
GV3-2	--	--	47.2	0.0	31	22	GV3-2	--	--	48.3	0.0	31	21
GV3-3	--	--	0.5	14.5	6.4	79	GV3-3	--	--	17.7	1.8	22	59
GV3-4	--	98	5.3	1.8	18	75	GV3-4	--	78	30.3	0.0	25	45
GV3-5	--	--	4.8	4.7	17	74	GV3-5	--	--	9.1	0.9	20	70
GV3-6	--	--	2.1	0.9	17	80	GV3-6	--	--	1.1	5.4	14	80
GV3-7	--	--	0.6	0.7	17	82	GV3-7	--	--	0.2	9.2	11	80
GV3-8	--	--	3.5	0.0	17	80	GV3-8	--	--	3.3	2.0	17	78
GV3-9	--	--	7.4	1.3	17	74	GV3-9	--	--	3.6	5.5	14	77
GV3-10 X	--	--	0.1	3.7	16	80	**GV3-10 X**	--	--	0.1	6.8	14	79
GV3-11	--	--	0.8	2.3	17	80	GV3-11	--	--	0.1	4.8	16	79
GV3-12	--	--	1.4	7.6	12	79	GV3-12	--	--	0.1	8.7	12	79
GV3-13	--	--	0.3	3.1	16	81	GV3-13	--	--	0.1	5.4	15	80
GV3-14	--	--	22.2	0.9	21	56	GV3-14	--	--	22.7	2.5	22	53
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.16	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	84	0.8	6.2	13	80	GV4-C	--	78	0.9	3.8	16	80
GV4-B	--	--	0.8	3.7	15	81	GV4-B	--	--	1.0	2.7	16	80
GV4-A	--	--	0.5	8.7	11	80	GV4-A	--	--	1.1	2.8	17	79
GV4-1	--	--	14.6	1.9	20	64	GV4-1	--	--	15.7	0.1	22	62
GV4-2	--	--	8.3	1.4	20	70	GV4-2	--	--	9.7	0.5	21	69
GV4-3	--	--	3.9	8.8	12	75	GV4-3	--	--	4.3	8.2	13	75
GV4-4 X	--	--	0.1	18.7	0.9	80	**GV4-4 X**	--	--	0.2	17.2	2.4	80
GV4-5	--	--	17.0	0.7	23	59	GV4-5	--	--	18.5	0.5	23	60
GV4-6	--	--	3.1	8.9	11	77	GV4-6	--	--	4.5	8.0	12	76
GV4-7	--	--	27.0	0.8	27	45	GV4-7	--	--	30.3	0.4	29	40
LEG 5	-0.24	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	82	47.0	0.0	33	20	GV5-1	--	80	49.5	0.0	35	16
GV5-2	--	--	42.5	0.0	32	26	GV5-2	--	--	46.9	0.0	34	19
GV5-3	--	--	35.4	0.0	29	36	GV5-3	--	--	39.8	0.0	31	28
GV5-4	--	--	38.7	0.0	30	31	GV5-4	--	--	40.7	0.0	31	28
GV5-5	--	--	38.8	0.0	30	31	GV5-5	--	--	40.8	0.0	31	28
GV5-6	--	--	38.9	0.0	30	31	GV5-6	--	--	44.1	0.0	32	24
GV5-7	--	--	38.7	0.0	30	31	GV5-7	--	--	41.3	0.0	32	27
GV5-8	--	--	0.5	18.3	1.5	80	GV5-8	--	--	0.2	18.7	1.5	80
GV5-9	--	--	0.4	18.7	1.2	80	GV5-9	--	--	0.2	15.8	3.7	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 23 - Jul 29, 2012						Week of:	Aug 06 - Aug 12, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	-0.32	9.5	8.0	15	68	EW-1	--	--	6.9	7.0	17	69
EW-2	--	-0.12	0.0	9.9	10	80	EW-2	--	--	0.0	10.3	10	80
EW-3	--	-0.10	16.2	0.1	24	60	EW-3	--	--	16.9	0.7	24	58
EW-4	--	--	20.6	0.0	24	55	EW-4	--	--	19.1	0.0	24	57
EW-5	--	--	32.5	0.0	28	40	EW-5	--	--	32.4	0.0	29	39
EW-6	--	--	25.7	0.0	26	48	EW-6	--	--	28.8	0.0	29	42
EW-7	--	--	25.7	0.0	25	49	EW-7	--	--	26.9	0.0	26	47
EW-8	--	--	28.6	0.0	28	43	EW-8	--	--	31.9	0.0	31	37
EW-9	--	--	38.1	0.0	31	31	EW-9	--	--	36.9	0.0	32	31
EW-10	--	-0.20	0.8	8.3	8.7	82	EW-10	--	--	0.1	8.6	8.9	82
EW-11	--	-0.37	0.2	19.4	0.8	80	EW-11	--	--	0.2	20.0	0.8	79
EW-12	--	-0.12	0.1	8.8	12	79	EW-12	--	--	0.2	17.9	2.6	79
SW1	--	--	29.0	0.0	31	40	SW1	--	--	31.1	0.0	32	37
SW2	--	--	28.4	0.0	31	41	SW2	--	--	28.4	0.0	31	41
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	9.1	0.8	24	66	NW1	--	--	14.0	0.0	25	61
NW2	--	--	35.5	0.0	33	32	NW2	--	--	34.6	0.0	33	32
NW3	--	--	39.5	0.0	35	26	NW3	--	--	38.4	0.0	35	27
NW4	--	--	20.3	0.0	27	53	NW4	--	--	20.9	0.0	28	51
NW5	--	--	15.3	0.2	24	61	NW5	--	--	15.8	0.8	24	59
NW6	--	--	42.6	0.0	38	19	NW6	--	--	43.7	0.0	37	19
NW7	--	--	57.4	0.0	40	3	NW7	--	--	57.7	0.0	42	0
NW8	--	--	10.9	0.0	24	65	NW8	--	--	12.1	0.0	26	62
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

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(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/30/2012

Subject: LFG Monitoring Summary - Week of 08/20/12 - 08/26/12

Summary: All CPs remained in compliance this two week period.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 to mins. ON and 1140 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 26, 2012 with temps of 87° to 90°F and mostly cloudy conditions.
Vacuum readings were last taken on July 27, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/20/2012	--	--	10:00	--	--	3:00	--	--	5.0
8/21/2012	--	--	10:00	--	--	3:00	--	--	5.0
8/22/2012	--	--	10:00	--	--	3:00	--	--	5.0
8/23/2012	--	--	10:00	--	--	3:00	--	--	5.0
8/24/2012	--	--	10:00	--	--	3:00	--	--	5.0
8/25/2012	--	--	10:00	--	--	3:00	--	--	5.0
8/26/2012	--	--	10:00	--	--	3:00	--	--	5.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/20/2012	--	--	--	--	--
8/21/2012	--	--	--	--	--
8/22/2012	--	--	--	--	--
8/23/2012	--	--	--	--	--
8/24/2012	--	--	--	--	--
8/25/2012	CPs, TGP/GPs	9:00A - 1:00P	0.0	30.14 - 30.11	F
8/26/2012	GVs, S&EWs, GP/TGPs	12:30 - 4:30P	0.0	30.13 - 30.04	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	20-Aug		21-Aug		22-Aug		23-Aug		24-Aug		25-Aug		26-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	20-Aug		21-Aug		22-Aug		23-Aug		24-Aug		25-Aug		26-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.3
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 06 - Aug 12, 2012						Week of:	Aug 20 - Aug 26, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	76	19.7	0.3	27	53	GV1-1	--	90	5.4	1.3	21	72
GV1-2	--	--	26.3	0.5	26	47	GV1-2	--	--	30.9	0.0	29	40
GV1-3	--	--	34.0	0.0	32	34	GV1-3	--	--	23.8	0.0	27	49
GV1-4	--	--	34.7	0.0	31	34	GV1-4	--	--	26.5	1.2	27	45
GV1-5	--	--	25.0	0.0	29	46	GV1-5	--	--	18.2	1.8	26	54
GV1-6	--	--	24.3	0.0	29	47	GV1-6	--	--	12.6	0.0	25	62
GV1-7	--	80	0.4	17.5	2.4	80	GV1-7	--	--	0.3	0.0	1.7	98
GV1-8	--	--	12.9	3.3	22	62	GV1-8	--	--	7.1	17.2	16	60
GV1-9	--	--	17.2	0.0	27	56	GV1-9	--	--	9.7	6.5	22	62
GV1-10X	--	--	11.6	0.0	25	63	**GV1-10X**	--	--	9.3	1.3	22	67
GV1-11	--	--	8.8	0.5	24	67	GV1-11	--	--	6.8	0.9	22	70
GV1-12	--	--	14.1	0.0	26	60	GV1-12	--	--	3.8	7.3	14	75
GV1-13	--	--	9.2	0.0	24	67	GV1-13	--	--	7.0	1.0	22	70
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.6	13.7	7.5	78	GV1b-1	--	--	0.8	14.5	5.9	79
GV1b-2	--	--	5.1	1.1	21	73	GV1b-2	--	--	3.8	9.7	11	76
GV1b-3	--	--	7.8	1.4	23	68	GV1b-3	--	--	6.8	3.8	19	71
GV1b-4	--	--	0.5	10.4	10	79	GV1b-4	--	--	0.5	12.1	8.3	79
GV1b-5	--	64	0.3	13.0	6.9	80	GV1b-5	--	78	0.3	15.6	4.2	80
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.5	14.9	6.0	78	GV2-1	--	--	0.9	17.3	3.7	78
GV2-2	--	86	0.3	13.1	6.8	80	GV2-2	--	90	0.2	16.6	4.2	79
GV2-3	--	84	0.2	7.1	12	81	GV2-3	--	94	0.2	12.5	7.7	80
GV2-4	--	90	3.0	4.1	16	77	GV2-4	--	98	1.7	7.1	13	78
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	58.9	0.0	35	6	GV3-1	--	--	50.4	0.0	33	17
GV3-2	--	--	48.3	0.0	31	21	GV3-2	--	--	43.0	0.0	30	27
GV3-3	--	--	17.7	1.8	22	59	GV3-3	--	--	0.4	17.3	2.8	80
GV3-4	--	76	30.3	0.0	25	45	GV3-4	--	80	1.7	10.7	10	78
GV3-5	--	--	9.1	0.9	20	70	GV3-5	--	--	5.3	8.9	16	72
GV3-6	--	--	1.1	5.4	14	80	GV3-6	--	--	3.4	1.9	17	78
GV3-7	--	--	0.2	9.2	11	80	GV3-7	--	--	1.4	2.1	17	80
GV3-8	--	--	3.3	2.0	17	78	GV3-8	--	--	5.7	1.8	17	76
GV3-9	--	--	3.8	5.5	14	77	GV3-9	--	--	5.8	3.3	15	76
GV3-10 X	--	--	0.1	6.8	14	79	**GV3-10 X**	--	--	1.1	3.9	15	80
GV3-11	--	--	0.1	4.8	16	79	GV3-11	--	--	2.7	2.7	18	77
GV3-12	--	--	0.1	8.7	12	79	GV3-12	--	--	1.4	6.6	15	77
GV3-13	--	--	0.1	5.4	15	80	GV3-13	--	--	2.0	3.0	17	78
GV3-14	--	--	22.7	2.5	22	53	GV3-14	--	--	25.2	0.0	25	50
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	78	0.9	3.6	16	80	GV4-C	--	88	0.7	9.5	10	80
GV4-B	--	--	1.0	2.7	16	80	GV4-B	--	--	0.4	5.8	14	80
GV4-A	--	--	1.1	2.6	17	79	GV4-A	--	--	0.9	7.8	12	79
GV4-1	--	--	15.7	0.1	22	62	GV4-1	--	--	6.9	3.8	17	72
GV4-2	--	--	9.7	0.5	21	69	GV4-2	--	--	15.2	2.4	22	60
GV4-3	--	--	4.3	8.2	13	75	GV4-3	--	--	1.1	15.1	7.1	77
GV4-4 X	--	--	0.2	17.2	2.4	80	**GV4-4 X**	--	--	0.2	19.6	0.2	80
GV4-5	--	--	16.5	0.5	23	60	GV4-5	--	--	6.5	4.5	18	71
GV4-6	--	--	4.5	8.0	12	76	GV4-6	--	--	0.9	13.9	6.7	79
GV4-7	--	--	30.3	0.4	29	40	GV4-7	--	--	16.5	6.5	20	57
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	49.5	0.0	35	16	GV5-1	--	88	37.8	0.0	31	31
GV5-2	--	--	46.9	0.0	34	19	GV5-2	--	--	37.3	0.0	31	32
GV5-3	--	--	39.8	0.0	31	29	GV5-3	--	--	39.1	0.0	32	29
GV5-4	--	--	40.7	0.0	31	28	GV5-4	--	--	30.5	0.0	31	39
GV5-5	--	--	40.8	0.0	31	28	GV5-5	--	--	25.6	0.0	30	44
GV5-6	--	--	44.1	0.0	32	24	GV5-6	--	--	38.1	0.0	32	30
GV5-7	--	--	41.3	0.0	32	27	GV5-7	--	--	35.2	0.0	31	34
GV5-8	--	--	0.2	18.7	1.5	80	GV5-8	--	--	0.5	19.1	0.8	80
GV5-9	--	--	0.2	15.8	3.7	80	GV5-9	--	--	0.4	19.8	0.4	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 08 - Aug 12, 2012						Week of:	Aug 20 - Aug 26, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	–	–	6.9	7.0	17	69	EW-1	–	–	6.9	13.2	17	63
EW-2	–	–	0.0	10.3	10	80	EW-2	–	–	0.0	13.8	10	78
EW-3	–	–	16.9	0.7	24	58	EW-3	–	–	16.9	3.5	24	56
EW-4	–	–	19.1	0.0	24	57	EW-4	–	–	28.7	0.5	27	44
EW-5	–	–	32.4	0.0	29	38	EW-5	–	–	30.3	0.2	28	42
EW-6	–	–	28.8	0.0	29	42	EW-6	–	–	32.8	0.3	30	37
EW-7	–	–	26.9	0.0	26	47	EW-7	–	–	31.9	0.1	30	38
EW-8	–	–	31.9	0.0	31	37	EW-8	–	–	32.3	0.2	31	37
EW-9	–	–	36.9	0.0	32	31	EW-9	–	–	37.5	0.2	33	29
EW-10	–	–	0.1	8.6	8.9	82	EW-10	–	–	0.8	8.2	8.9	82
EW-11	–	–	0.2	20.0	0.6	79	EW-11	–	–	0.2	19.6	0.6	80
EW-12	–	–	0.2	17.9	2.6	79	EW-12	–	–	0.1	18.8	1.7	79
SW1	–	–	31.1	0.0	32	37	SW1	–	–	31.1	0.0	32	37
SW2	–	–	28.4	0.0	31	41	SW2	–	–	28.4	0.0	31	41
SW3	–	–	–	–	–	–	SW3	–	–	–	–	–	–
NW1	–	–	14.0	0.0	25	61	NW1	–	–	10.4	0.5	23	66
NW2	–	–	34.6	0.0	33	32	NW2	–	–	26.8	0.0	30	43
NW3	–	–	38.4	0.0	35	27	NW3	–	–	31.1	0.0	33	36
NW4	–	–	20.9	0.0	28	51	NW4	–	–	18.1	0.0	28	54
NW5	–	–	15.8	0.8	24	59	NW5	–	–	16.8	1.6	22	60
NW6	–	–	43.7	0.0	37	19	NW6	–	–	33.7	0.0	35	31
NW7	–	–	57.7	0.0	42	0	NW7	–	–	57.7	0.0	42	0
NW8	–	–	12.1	0.0	26	62	NW8	–	–	10.5	0.0	25	65
WC1	–	–	42.6	0.0	31	26	WC1	–	–	42.6	0.0	31	26
WC4	–	–	–	–	–	–	WC4	–	–	–	–	–	–
FLARE 90	–	-4.00+	–	–	–	–	FLARE 90	–	-4.00+	–	–	–	–

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) *NR = Value not recorded;*
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) *Wellheads in BOLD with X have been disconnected or valve closed; and*
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

October 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #212 – September 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for September 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #212 – September 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of September 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (October 2012)

- Develop Monthly Progress Report #212 summarizing activities in September 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (October 2012)

- October 10 - Anticipated submittal of the September 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	09/10	U.S. EPA	Monthly Progress Report for the Month of August 2012

PAPER

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 9/13/2012

Subject: LFG Monitoring Summary - Week of 09/03/12 - 09/09/12

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed September 7, 2012 with temps of 81 to 86°F and mostly cloudy conditions.
Vacuum readings were last taken on September 7, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
9/3/2012	--	--	7:30	--	--	12:00	--	--	4.5
9/4/2012	--	--	7:30	--	--	12:00	--	--	4.5
9/5/2012	--	--	7:30	--	--	12:00	--	--	4.5
9/6/2012	--	--	7:30	--	--	12:00	--	--	4.5
9/7/2012	--	--	7:30	--	--	12:00	--	--	4.5
9/8/2012	7:30#	--	10:30	--	--	1:30	--	--	3.0
9/9/2012	--	--	6:30	11:00	--	--	--	--	4.5
								Total Hrs. =	30.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
9/3/2012	--	--	--	--	--
9/4/2012	--	--	--	--	--
9/5/2012	--	--	--	--	--
9/6/2012	--	--	--	--	--
9/7/2012	TGP/GPs, S&EWs, GVs	11:00A - 2:00P	0.0	29.93 - 29.89	F
9/8/2012	CPs, TGP/GPs	10:00A - 14:30	0.0	29.82 - 29.86	R
9/9/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	3-Sep		4-Sep		5-Sep		6-Sep		7-Sep		8-Sep		9-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-B2	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-B3	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-08	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	3-Sep		4-Sep		5-Sep		6-Sep		7-Sep		8-Sep		9-Sep	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	12.9	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-80	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 20 - Aug 26, 2012						Week of:	Sep 03 - Sep 09, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.94	--	--	--	--	--
GV1-1	--	90	5.4	1.3	21	72	GV1-1	--	90	23.3	0.0	29	48
GV1-2	--	--	30.9	0.0	29	40	GV1-2	--	--	28.2	0.0	28	44
GV1-3	--	--	23.8	0.0	27	49	GV1-3	--	--	32.1	0.0	31	37
GV1-4	--	--	26.5	1.2	27	45	GV1-4	--	--	31.9	0.0	30	38
GV1-5	--	--	18.2	1.8	26	54	GV1-5	--	--	24.3	0.0	29	47
GV1-6	--	--	12.6	0.0	25	62	GV1-6	--	--	24.3	0.0	28	48
GV1-7	--	--	0.3	0.0	1.7	98	GV1-7	--	--	0.7	15.2	3.8	80
GV1-8	--	--	7.1	17.2	16	60	GV1-8	--	--	17.5	0.0	27	58
GV1-9	--	--	9.7	6.5	22	62	GV1-9	--	--	17.5	0.0	26	57
GV1-10X	--	--	9.3	1.3	22	67	**GV1-10X**	--	--	16.7	0.0	26	57
GV1-11	--	--	6.8	0.9	22	70	GV1-11	--	--	9.6	0.0	25	65
GV1-12	--	--	3.8	7.3	14	75	GV1-12	--	--	15.7	0.0	28	58
GV1-13	--	--	7.0	1.0	22	70	GV1-13	--	--	11.9	0.0	25	63
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.15	--	--	--	--	--
GV1b-1	--	--	0.6	14.5	5.9	79	GV1b-1	--	--	0.8	11.8	8.7	79
GV1b-2	--	--	3.8	9.7	11	76	GV1b-2	--	--	4.4	0.0	21	75
GV1b-3	--	--	6.8	3.6	19	71	GV1b-3	--	--	2.9	0.3	15	82
GV1b-4	--	--	0.5	12.1	8.3	79	GV1b-4	--	--	0.5	7.4	12	80
GV1b-5	--	78	0.3	15.6	4.2	80	GV1b-5	--	78	0.7	1.7	19	79
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.21	--	--	--	--	--
GV2-1	--	--	0.9	17.3	3.7	78	GV2-1	--	--	1.4	13.2	6.9	79
GV2-2	--	90	0.2	16.6	4.2	79	GV2-2	--	90	0.4	12.5	7.0	80
GV2-3	--	94	0.2	12.5	7.7	80	GV2-3	--	94	0.3	8.2	7.5	84
GV2-4	--	98	1.7	7.1	13	78	GV2-4	--	98	2.3	1.6	17	79
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.41	--	--	--	--	--
GV3-1	--	--	50.4	0.0	33	17	GV3-1	--	--	52.9	0.0	34	13
GV3-2	--	--	43.0	0.0	30	27	GV3-2	--	--	44.6	0.0	32	23
GV3-3	--	--	0.4	17.3	2.8	80	GV3-3	--	--	1.8	14.4	8.7	75
GV3-4	--	80	1.7	10.7	10	78	GV3-4	--	80	2.4	8.3	12	77
GV3-5	--	--	5.3	6.9	16	72	GV3-5	--	--	4.8	5.6	16	74
GV3-6	--	--	3.4	1.9	17	78	GV3-6	--	--	2.9	1.3	17	79
GV3-7	--	--	1.4	2.1	17	80	GV3-7	--	--	1.4	1.4	16	81
GV3-8	--	--	5.7	1.8	17	76	GV3-8	--	--	5.5	1.5	17	76
GV3-9	--	--	5.8	3.3	15	76	GV3-9	--	--	5.4	2.4	16	76
GV3-10 X	--	--	1.1	3.9	15	80	**GV3-10 X**	--	--	1.0	2.8	16	80
GV3-11	--	--	2.7	2.7	18	77	GV3-11	--	--	2.8	0.6	19	78
GV3-12	--	--	1.4	6.6	15	77	GV3-12	--	--	1.9	4.6	15	79
GV3-13	--	--	2.0	3.0	17	78	GV3-13	--	--	3.9	0.0	20	76
GV3-14	--	--	25.2	0.0	25	50	GV3-14	--	--	26.1	0.0	25	49
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.47	--	--	--	--	--
GV4-C	--	88	0.7	9.5	10	80	GV4-C	--	88	0.6	8.5	10	81
GV4-B	--	--	0.4	5.8	14	80	GV4-B	--	--	0.4	4.4	14	81
GV4-A	--	--	0.9	7.8	12	79	GV4-A	--	--	0.8	6.0	12	81
GV4-1	--	--	6.9	3.8	17	72	GV4-1	--	--	0.5	2.4	18	79
GV4-2	--	--	15.2	2.4	22	60	GV4-2	--	--	16.6	0.9	24	59
GV4-3	--	--	1.1	15.1	7.1	77	GV4-3	--	--	1.3	11.6	8.7	78
GV4-4 X	--	--	0.2	19.6	0.2	80	**GV4-4 X**	--	--	0.2	18.6	0.9	80
GV4-5	--	--	6.5	4.5	18	71	GV4-5	--	--	6.5	2.8	18	73
GV4-6	--	--	0.9	13.9	6.7	79	GV4-6	--	--	0.8	2.4	7.8	89
GV4-7	--	--	16.5	6.5	20	57	GV4-7	--	--	18.3	3.7	21	57
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.71	--	--	--	--	--
GV5-1	--	88	37.6	0.0	31	31	GV5-1	--	88	37.9	0.0	31	31
GV5-2	--	--	37.3	0.0	31	32	GV5-2	--	--	39.3	0.0	32	29
GV5-3	--	--	39.1	0.0	32	29	GV5-3	--	--	38.7	0.0	32	29
GV5-4	--	--	30.5	0.0	31	39	GV5-4	--	--	38.1	0.0	32	30
GV5-5	--	--	25.6	0.0	30	44	GV5-5	--	--	30.7	0.0	31	38
GV5-6	--	--	38.1	0.0	32	30	GV5-6	--	--	40.9	0.0	33	26
GV5-7	--	--	35.2	0.0	31	34	GV5-7	--	--	38.2	0.0	33	29
GV5-8	--	--	0.5	19.1	0.8	80	GV5-8	--	--	0.7	17.1	2.4	80
GV5-9	--	--	0.4	19.8	0.4	79	GV5-9	--	--	0.4	18.2	0.9	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 20 - Aug 26, 2012						Week of:	Sep 03 - Sep 09, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	6.9	13.2	17	63	EW-1	-0.57	--	12.2	0.0	25	63
EW-2	--	--	0.0	13.8	10	76	EW-2	-0.41	--	0.1	9.6	11	79
EW-3	--	--	16.9	3.5	24	56	EW-3	-0.22	--	15.9	0.0	25	59
EW-4	--	--	28.7	0.5	27	44	EW-4	--	--	18.4	0.0	24	58
EW-5	--	--	30.3	0.2	28	42	EW-5	--	--	31.5	0.0	29	40
EW-6	--	--	32.8	0.3	30	37	EW-6	--	--	26.7	0.0	28	45
EW-7	--	--	31.9	0.1	30	38	EW-7	--	--	25.8	0.0	27	47
EW-8	--	--	32.3	0.2	31	37	EW-8	--	--	27.8	0.0	29	43
EW-9	--	--	37.5	0.2	33	29	EW-9	--	--	37.1	0.0	32	31
EW-10	--	--	0.8	8.2	8.9	82	EW-10	-0.42	--	0.6	8.2	10	81
EW-11	--	--	0.2	19.8	0.6	80	EW-11	-0.69	--	0.3	19.3	0.9	80
EW-12	--	--	0.1	18.8	1.7	79	EW-12	-0.52	--	0.3	17.0	3.0	80
SW1	--	--	31.1	0.0	32	37	SW1	--	--	27.2	0.0	32	41
SW2	--	--	28.4	0.0	31	41	SW2	--	--	26.8	0.0	31	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	10.4	0.5	23	66	NW1	--	--	26.4	0.0	30	44
NW2	--	--	26.8	0.0	30	43	NW2	--	--	33.9	0.0	32	34
NW3	--	--	31.1	0.0	33	36	NW3	--	--	40.4	0.0	35	25
NW4	--	--	18.1	0.0	28	54	NW4	--	--	27.8	0.0	28	44
NW5	--	--	16.8	1.6	22	60	NW5	--	--	32.1	0.0	30	38
NW6	--	--	33.7	0.0	35	31	NW6	--	--	43.7	0.0	38	18
NW7	--	--	57.7	0.0	42	0	NW7	--	--	53.4	0.0	41	6
NW8	--	--	10.5	0.0	25	65	NW8	--	--	28.1	0.0	29	43
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 9/27/2012

Subject: LFG Monitoring Summary - Week of 09/17/12 - 09/23/12

Summary: All CPs remained in compliance this two week period.
There were two (2) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed September 23, 2012 with temps of 62 to 59°F and partly cloudy conditions.
Vacuum readings were last taken on September 7, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
9/17/2012	--	--	6:00	9:00	--	--	--	--	3.0
9/18/2012	4:30#	--	7:00	9:00	--	--	--	--	2.0
9/19/2012	--	--	4:00	8:30	--	--	--	--	4.5
9/20/2012	--	--	4:00	8:30	--	--	--	--	4.5
9/21/2012	--	--	4:00	8:30	--	--	--	--	4.5
9/22/2012	4:30#	--	9:30	11:30	--	--	--	--	2.0
9/23/2012	--	--	4:00	8:30	--	--	--	--	4.5
								Total Hrs. =	25.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
9/17/2012	--	--	--	--	--
9/18/2012	--	--	--	--	--
9/19/2012	--	--	--	--	--
9/20/2012	--	--	--	--	--
9/21/2012	--	--	--	--	--
9/22/2012	CPs, TGP/GPs	9:30A - 1:30P	0.0	29.92 - 29.89	F
9/23/2012	TGP/GPs, S&EWs, GVs	2:30 - 6:00P	0.0	30.20	S

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	17-Sep		18-Sep		19-Sep		20-Sep		21-Sep		22-Sep		23-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	13.9	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-08	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	13.8	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	17-Sep		18-Sep		19-Sep		20-Sep		21-Sep		22-Sep		23-Sep	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.7
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.2
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.2
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--

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(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 03 - Sep 09, 2012						Week of:	Sep 17 - Sep 23, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.94	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	90	23.3	0.0	29	48	GV1-1	--	60	34.6	0.0	33	32
GV1-2	--	--	28.2	0.0	28	44	GV1-2	--	--	24.7	0.0	25	50
GV1-3	--	--	32.1	0.0	31	37	GV1-3	--	--	33.7	0.1	33	33
GV1-4	--	--	31.9	0.0	30	38	GV1-4	--	--	33.5	0.0	32	35
GV1-5	--	--	24.3	0.0	29	47	GV1-5	--	--	31.9	0.0	31	37
GV1-6	--	--	24.3	0.0	28	48	GV1-6	--	--	32.6	0.0	32	35
GV1-7	--	--	0.7	15.2	3.8	80	GV1-7	--	--	0.5	15.2	4.5	80
GV1-8	--	--	17.5	0.0	27	56	GV1-8	--	--	33.5	0.0	32	35
GV1-9	--	--	17.5	0.0	26	57	GV1-9	--	--	35.5	0.0	33	32
GV1-10X	--	--	16.7	0.0	26	57	**GV1-10X**	--	--	33.3	0.0	32	35
GV1-11	--	--	9.6	0.0	25	65	GV1-11	--	--	16.5	0.0	26	58
GV1-12	--	--	15.7	0.0	26	58	GV1-12	--	--	31.5	0.0	32	37
GV1-13	--	--	11.9	0.0	25	63	GV1-13	--	--	30.9	0.0	32	37
LEG 1b	-1.15	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.6	11.8	8.7	79	GV1b-1	--	--	12.6	4.9	18	65
GV1b-2	--	--	4.4	0.0	21	75	GV1b-2	--	--	6.1	7.4	14	73
GV1b-3	--	--	2.9	0.3	15	82	GV1b-3	--	--	4.9	8.5	13	74
GV1b-4	--	--	0.5	7.4	12	80	GV1b-4	--	--	7.0	9.0	13	71
GV1b-5	--	78	0.7	1.7	19	79	GV1b-5	--	64	11.1	6.6	17	65
LEG 2	-0.21	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.4	13.2	6.9	79	GV2-1	--	--	6.3	5.9	17	71
GV2-2	--	90	0.4	12.5	7.0	80	GV2-2	--	70	12.9	0.3	21	66
GV2-3	--	94	0.3	8.2	7.5	84	GV2-3	--	72	12.2	0.1	21	67
GV2-4	--	98	2.3	1.6	17	79	GV2-4	--	78	13.1	0.9	21	65
LEG 3	-0.41	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	52.9	0.0	34	13	GV3-1	--	--	53.5	0.0	34	13
GV3-2	--	--	44.6	0.0	32	23	GV3-2	--	--	57.7	0.0	34	8
GV3-3	--	--	1.8	14.4	8.7	75	GV3-3	--	--	54.2	0.3	33	13
GV3-4	--	80	2.4	8.3	12	77	GV3-4	--	60	53.7	0.3	33	13
GV3-5	--	--	4.8	5.6	16	74	GV3-5	--	--	53.3	0.4	33	13
GV3-6	--	--	2.9	1.3	17	79	GV3-6	--	--	49.1	1.1	32	18
GV3-7	--	--	1.4	1.4	16	81	GV3-7	--	--	48.9	1.1	32	18
GV3-8	--	--	5.5	1.5	17	76	GV3-8	--	--	39.1	0.4	29	32
GV3-9	--	--	5.4	2.4	16	76	GV3-9	--	--	44.2	0.9	31	24
GV3-10 X	--	--	1.0	2.8	18	80	**GV3-10 X**	--	--	47.3	0.7	32	20
GV3-11	--	--	2.8	0.6	19	78	GV3-11	--	--	33.3	6.2	22	39
GV3-12	--	--	1.9	4.6	15	79	GV3-12	--	--	34.4	6.3	24	35
GV3-13	--	--	3.9	0.0	20	76	GV3-13	--	--	32.6	5.4	24	38
GV3-14	--	--	26.1	0.0	25	49	GV3-14	--	--	39.4	3.7	26	31
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.47	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	88	0.6	8.5	10	81	GV4-C	--	72	23.8	6.9	20	49
GV4-B	--	--	0.4	4.4	14	81	GV4-B	--	--	20.0	7.8	18	54
GV4-A	--	--	0.8	6.0	12	81	GV4-A	--	--	9.2	9.3	13	69
GV4-1	--	--	0.5	2.4	18	79	GV4-1	--	--	21.2	4.1	23	52
GV4-2	--	--	16.6	0.9	24	59	GV4-2	--	--	22.6	3.1	23	51
GV4-3	--	--	1.3	11.6	8.7	78	GV4-3	--	--	23.0	3.1	24	50
GV4-4 X	--	--	0.2	18.8	0.9	80	**GV4-4 X**	--	--	0.3	15.5	4.3	80
GV4-5	--	--	6.5	2.8	18	73	GV4-5	--	--	23.1	3.1	24	50
GV4-6	--	--	0.8	2.4	7.8	89	GV4-6	--	--	27.2	1.6	27	44
GV4-7	--	--	18.3	3.7	21	57	GV4-7	--	--	30.1	0.0	29	41
LEG 5	-0.71	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	88	37.9	0.0	31	31	GV5-1	--	80	26.3	0.0	30	44
GV5-2	--	--	39.3	0.0	32	29	GV5-2	--	--	32.1	0.0	31	37
GV5-3	--	--	38.7	0.0	32	29	GV5-3	--	--	24.3	0.1	29	47
GV5-4	--	--	38.1	0.0	32	30	GV5-4	--	--	25.0	1.4	28	46
GV5-5	--	--	30.7	0.0	31	38	GV5-5	--	--	24.8	1.5	28	46
GV5-6	--	--	40.9	0.0	33	26	GV5-6	--	--	22.8	1.8	27	48
GV5-7	--	--	38.2	0.0	33	29	GV5-7	--	--	24.6	1.7	27	47
GV5-8	--	--	0.7	17.1	2.4	80	GV5-8	--	--	0.4	16.9	2.7	80
GV5-9	--	--	0.4	18.2	0.9	81	GV5-9	--	--	0.3	18.0	2.2	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 03 - Sep 09, 2012						Week of:	Sep 17 - Sep 23, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.57	--	12.2	0.0	25	63	EW-1	--	--	13.8	4.2	19	63
EW-2	-0.41	--	0.1	9.8	11	79	EW-2	--	--	5.0	10.3	12	73
EW-3	-0.22	--	15.9	0.0	25	59	EW-3	--	--	25.1	0.2	27	48
EW-4	--	--	18.4	0.0	24	58	EW-4	--	--	21.3	0.0	28	51
EW-5	--	--	31.5	0.0	29	40	EW-5	--	--	33.0	0.0	30	37
EW-6	--	--	26.7	0.0	28	45	EW-6	--	--	30.1	0.0	29	41
EW-7	--	--	25.8	0.0	27	47	EW-7	--	--	28.5	0.0	28	44
EW-8	--	--	27.8	0.0	29	43	EW-8	--	--	34.8	0.0	32	33
EW-9	--	--	37.1	0.0	32	31	EW-9	--	--	38.6	0.0	33	28
EW-10	-0.42	--	0.8	8.2	10	81	EW-10	--	--	1.4	7.7	11	80
EW-11	-0.69	--	0.3	19.3	0.9	80	EW-11	--	--	13.6	4.0	19	63
EW-12	-0.52	--	0.3	17.0	3.0	80	EW-12	--	--	14.7	3.1	21	61
SW1	--	--	27.2	0.0	32	41	SW1	--	--	32.2	0.0	30	38
SW2	--	--	28.6	0.0	31	42	SW2	--	--	31.0	0.0	30	39
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	26.4	0.0	30	44	NW1	--	--	41.2	0.0	34	25
NW2	--	--	33.9	0.0	32	34	NW2	--	--	41.5	0.0	34	25
NW3	--	--	40.4	0.0	35	25	NW3	--	--	45.5	0.0	37	18
NW4	--	--	27.8	0.0	28	44	NW4	--	--	38.8	0.0	38	23
NW5	--	--	32.1	0.0	30	38	NW5	--	--	22.7	0.0	24	53
NW6	--	--	43.7	0.0	38	18	NW6	--	--	39.9	0.0	36	24
NW7	--	--	53.4	0.0	41	6	NW7	--	--	53.7	0.0	41	5
NW8	--	--	28.1	0.0	29	43	NW8	--	--	35.1	0.0	31	34
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

November 9, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #213 – October 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for September 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #213 – October 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of October 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (November 2012)

- Develop Monthly Progress Report #213 summarizing activities in October 2012;
- Conduct the fourth quarter combustible gas indicator (CGI) checks; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (November 2012)

- November 9 - Anticipated submittal of the October 2012 MPR to U.S. EPA; and,
- Mid November - Conduct quarterly CGI checks.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	10/10	U.S. EPA	Monthly Progress Report for the Month of September 2012

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 10/16/2012

Subject: LFG Monitoring Summary - Week of 10/1/12 - 10/7/12

Summary: All CPs remained in compliance this two week period.
There were two (2) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1,170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed October 5, 2012 with temps of 60 to 68°F and mostly cloudy conditions.
Vacuum readings were last taken on September 7, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/1/2012	4:00	8:30	--	--	--	--	--	--	4.5
10/2/2012	4:00	8:30	--	--	--	--	--	--	4.5
10/3/2012	4:00	8:30	--	--	--	--	--	--	4.5
10/4/2012	4:00	8:30	--	--	--	--	--	--	4.5
10/5/2012	4:00	8:30	--	--	--	--	--	--	4.5
10/6/2012	4:00#	--	--	--	12:30#	--	--	--	0.0
10/7/2012	--	--	--	--	--	--	--	--	0.0
								Total Hrs. =	22.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/1/2012	--	--	--	--	--
10/2/2012	--	--	--	--	--
10/3/2012	--	--	--	--	--
10/4/2012	--	--	--	--	--
10/5/2012	CPs, TGP/GPs, S&EWs, GVs	8:30A - 4:00P	0.0	30.14 - 30.00	F
10/6/2012	--	--	--	--	--
10/7/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	1-Oct		2-Oct		3-Oct		4-Oct		5-Oct		6-Oct		7-Oct	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	11.3	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	14.5	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	15.4	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	1-Oct		2-Oct		3-Oct		4-Oct		5-Oct		6-Oct		7-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-52	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	10.7	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	14.5	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 17 - Sep 23, 2012						Week of:	Oct 1 - Oct 7, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	60	34.6	0.0	33	32	GV1-1	--	--	9.5	4.6	20	66
GV1-2	--	--	24.7	0.0	25	50	GV1-2	--	62	28.1	1.7	28	42
GV1-3	--	--	33.7	0.1	33	33	GV1-3	--	--	26.4	3.6	27	43
GV1-4	--	--	33.5	0.0	32	35	GV1-4	--	--	25.4	2.1	23	50
GV1-5	--	--	31.9	0.0	31	37	GV1-5	--	--	26.4	0.0	29	45
GV1-6	--	--	32.6	0.0	32	35	GV1-6	--	--	20.6	0.1	28	51
GV1-7	--	--	0.5	15.2	4.5	80	GV1-7	--	--	0.3	15.9	3.3	81
GV1-8	--	--	33.5	0.0	32	35	GV1-8	--	--	20.1	0.0	28	52
GV1-9	--	--	35.5	0.0	33	32	GV1-9	--	--	20.9	0.0	28	51
GV1-10X	--	--	33.3	0.0	32	35	**GV1-10X**	--	--	22.8	3.6	25	49
GV1-11	--	--	16.5	0.0	26	58	GV1-11	--	--	14.7	1.8	25	59
GV1-12	--	--	31.5	0.0	32	37	GV1-12	--	--	11.2	6.6	18	64
GV1-13	--	--	30.9	0.0	32	37	GV1-13	--	--	23.7	0.0	28	48
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	12.6	4.9	18	65	GV1b-1	--	--	0.7	13.5	7.7	78
GV1b-2	--	--	8.1	7.4	14	73	GV1b-2	--	--	9.2	7.4	15	68
GV1b-3	--	--	4.9	8.5	13	74	GV1b-3	--	--	13.8	6.8	17	62
GV1b-4	--	--	7.0	9.0	13	71	GV1b-4	--	--	0.9	8.7	12	78
GV1b-5	--	64	11.1	6.6	17	65	GV1b-5	--	64	0.6	12.5	7.7	79
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	6.3	5.9	17	71	GV2-1	--	--	1.5	15.9	5.9	77
GV2-2	--	70	12.9	0.3	21	66	GV2-2	--	88	0.2	12.1	7.9	80
GV2-3	--	72	12.2	0.1	21	67	GV2-3	--	90	4.1	4.6	16	75
GV2-4	--	78	13.1	0.8	21	65	GV2-4	--	92	5.2	11.7	10	73
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	53.5	0.0	34	13	GV3-1	--	--	51.8	0.7	33	15
GV3-2	--	--	57.7	0.0	34	8	GV3-2	--	--	38.9	1.5	27	33
GV3-3	--	--	54.2	0.3	33	13	GV3-3	--	--	1.2	13.4	8.4	77
GV3-4	--	60	53.7	0.3	33	13	GV3-4	--	64	2.2	9.4	11	77
GV3-5	--	--	53.3	0.4	33	13	GV3-5	--	--	6.5	5.4	17	71
GV3-6	--	--	49.1	1.1	32	18	GV3-6	--	--	4.0	1.5	17	78
GV3-7	--	--	48.9	1.1	32	18	GV3-7	--	--	1.7	2.2	16	80
GV3-8	--	--	39.1	0.4	29	32	GV3-8	--	--	8.6	2.6	16	73
GV3-9	--	--	44.2	0.9	31	24	GV3-9	--	--	6.5	4.3	15	74
GV3-10 X	--	--	47.3	0.7	32	20	**GV3-10 X**	--	--	1.3	6.0	15	78
GV3-11	--	--	33.3	6.2	22	39	GV3-11	--	--	2.2	2.6	18	77
GV3-12	--	--	34.4	6.3	24	35	GV3-12	--	--	2.8	8.3	12	77
GV3-13	--	--	32.6	5.4	24	38	GV3-13	--	--	1.8	13.8	5.3	79
GV3-14	--	--	39.4	3.7	26	31	GV3-14	--	--	28.3	0.5	26	45
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	68	--	--	--	--
GV4-C	--	72	23.8	6.9	20	49	GV4-C	--	--	0.6	10.0	10	79
GV4-B	--	--	20.0	7.8	18	54	GV4-B	--	--	0.0	20.0	0.1	80
GV4-A	--	--	9.2	9.3	13	69	GV4-A	--	--	0.0	19.2	0.3	81
GV4-1	--	--	21.2	4.1	23	52	GV4-1	--	--	0.0	19.8	0.1	80
GV4-2	--	--	22.6	3.1	23	51	GV4-2	--	--	17.7	2.0	24	56
GV4-3	--	--	23.0	3.1	24	50	GV4-3	--	--	1.0	14.1	6.6	78
GV4-4 X	--	--	0.3	15.5	4.3	80	**GV4-4 X**	--	--	0.0	19.3	1.2	80
GV4-5	--	--	23.1	3.1	24	50	GV4-5	--	--	9.4	3.8	19	68
GV4-6	--	--	27.2	1.6	27	44	GV4-6	--	--	0.9	18.7	4.5	78
GV4-7	--	--	30.1	0.0	29	41	GV4-7	--	--	22.2	5.5	19	53
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	26.3	0.0	30	44	GV5-1	--	72	33.6	2.5	28	36
GV5-2	--	--	32.1	0.0	31	37	GV5-2	--	--	35.9	0.8	30	33
GV5-3	--	--	24.3	0.1	29	47	GV5-3	--	--	36.3	2.3	30	31
GV5-4	--	--	25.0	1.4	28	46	GV5-4	--	--	31.5	0.5	27	41
GV5-5	--	--	24.8	1.5	28	46	GV5-5	--	--	33.5	0.3	31	35
GV5-6	--	--	22.8	1.8	27	48	GV5-6	--	--	37.8	0.0	32	30
GV5-7	--	--	24.6	1.7	27	47	GV5-7	--	--	33.9	0.0	30	36
GV5-8	--	--	0.4	16.9	2.7	80	GV5-8	--	--	0.3	18.2	1.8	80
GV5-9	--	--	0.3	18.0	2.2	80	GV5-9	--	--	0.2	17.7	2.3	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Sep 17 - Sep 23, 2012						Week of:	Oct 1 - Oct 7, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	13.8	4.2	19	63	EW-1	--	--	8.1	9.1	15	68
EW-2	--	--	5.0	10.3	12	73	EW-2	--	--	0.0	10.3	11	79
EW-3	--	--	25.1	0.2	27	48	EW-3	--	--	0.0	20.6	0.1	79
EW-4	--	--	21.3	0.0	28	51	EW-4	--	--	2.9	1.9	27	68
EW-5	--	--	33.0	0.0	30	37	EW-5	--	--	28.8	2.3	27	42
EW-6	--	--	30.1	0.0	29	41	EW-6	--	--	34.1	0.2	30	36
EW-7	--	--	28.5	0.0	28	44	EW-7	--	--	31.2	0.8	25	43
EW-8	--	--	34.8	0.0	32	33	EW-8	--	--	40.1	0.0	33	27
EW-9	--	--	38.6	0.0	33	28	EW-9	--	--	40.9	0.4	30	29
EW-10	--	--	1.4	7.7	11	80	EW-10	--	--	1.1	6.7	9.2	83
EW-11	--	--	13.8	4.0	19	63	EW-11	--	--	0.1	20.7	0.2	79
EW-12	--	--	14.7	3.1	21	61	EW-12	--	--	0.2	18.9	2.0	79
SW1	--	--	32.2	0.0	30	38	SW1	--	--	30.1	3.7	25	41
SW2	--	--	31.0	0.0	30	39	SW2	--	--	32.3	2.0	24	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	41.2	0.0	34	25	NW1	--	--	34.5	0.2	32	33
NW2	--	--	41.5	0.0	34	25	NW2	--	--	35.8	0.0	32	32
NW3	--	--	45.5	0.0	37	18	NW3	--	--	37.3	0.0	34	29
NW4	--	--	38.8	0.0	38	23	NW4	--	--	29.4	0.6	28	42
NW5	--	--	22.7	0.0	24	53	NW5	--	--	25.5	2.4	23	49
NW6	--	--	39.9	0.0	36	24	NW6	--	--	36.1	0.0	26	38
NW7	--	--	53.7	0.0	41	5	NW7	--	--	54.8	0.0	40	5
NW8	--	--	35.1	0.0	31	34	NW8	--	--	35.5	2.1	29	33
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 10/31/2012

Subject: LFG Monitoring Summary - Week of 10/15/12 - 10/21/12

Summary: All CPs remained in compliance this two week period.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed October 21, 2012 with temps of 54 to 64°F and partly cloudy conditions.
Vacuum readings were last taken on October 21, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/15/2012	0:00	3:00	10:30	--	--	3:00	10:30	12:00	9.0
10/16/2012	0:00	3:00	10:30	--	--	3:00	--	--	7.5
10/17/2012	--	--	10:30	--	--	3:00	--	--	4.5
10/18/2012	--	--	10:30	--	--	3:00	--	--	4.5
10/19/2012	--	--	10:30	--	--	3:00	--	--	4.5
10/20/2012	--	--	10:30	--	--	3:00	--	--	4.5
10/21/2012	--	--	9:00	--	--	1:30	--	--	4.5
								Total Hrs. =	39.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/15/2012	--	--	--	--	--
10/16/2012	--	--	--	--	--
10/17/2012	--	--	--	--	--
10/18/2012	--	--	--	--	--
10/19/2012	--	--	--	--	--
10/20/2012	CPs, TGP/GPs	11:30A - 3:00P	0.0	29.84 - 29.85	S
10/21/2012	TGP/GPs, S&EWs, GVs	11:30A - 3:00P	0.0	30.16 - 30.11	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-Oct		16-Oct		17-Oct		18-Oct		19-Oct		20-Oct		21-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	14.2	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	6.9	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	12.3	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-Oct		16-Oct		17-Oct		18-Oct		19-Oct		20-Oct		21-Oct	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.8
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.9
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 1 - Oct 7, 2012						Week of:	Oct 15 - Oct 21, 2012					
Wellhead ID	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**	**Wellhead ID**	**Vacuum**	**Temp**	**CH4**	**O2**	**CO2**	**Bal**
LEG 1	--	--	--	--	--	--	**LEG 1**	-2.19	--	--	--	--	--
GV1-1	--	--	9.5	4.8	20	66	GV1-1	--	--	14.5	1.4	25	59
GV1-2	--	62	28.1	1.7	28	42	GV1-2	--	64	28.1	0.0	30	42
GV1-3	--	--	26.4	3.6	27	43	GV1-3	--	--	29.7	0.0	31	39
GV1-4	--	--	25.4	2.1	23	50	GV1-4	--	--	35.1	0.0	31	34
GV1-5	--	--	26.4	0.0	29	45	GV1-5	--	--	24.7	0.0	30	45
GV1-6	--	--	20.6	0.1	28	51	GV1-6	--	--	26.8	0.0	18	55
GV1-7	--	--	0.3	15.9	3.3	81	GV1-7	--	--	2.4	11.6	7.5	79
GV1-8	--	--	20.1	0.0	28	52	GV1-8	--	--	16.8	5.9	22	54
GV1-9	--	--	20.9	0.0	28	51	GV1-9	--	--	18.0	0.0	8.0	74
GV1-10X	--	--	22.8	3.6	25	49	**GV1-10X**	--	--	13.8	0.1	27	59
GV1-11	--	--	14.7	1.6	25	59	GV1-11	--	--	11.5	0.0	25	64
GV1-12	--	--	11.2	6.6	18	64	GV1-12	--	--	15.9	0.0	26	58
GV1-13	--	--	23.7	0.0	28	48	GV1-13	--	--	15.8	0.0	25	59
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.32	--	--	--	--	--
GV1b-1	--	--	0.7	13.5	7.7	78	GV1b-1	--	--	0.6	9.7	8.4	81
GV1b-2	--	--	9.2	7.4	15	68	GV1b-2	--	--	3.8	4.5	19	73
GV1b-3	--	--	13.8	6.8	17	62	GV1b-3	--	--	14.9	3.6	19	63
GV1b-4	--	--	0.9	8.7	12	78	GV1b-4	--	--	15.0	4.5	21	60
GV1b-5	--	64	0.6	12.5	8	79	GV1b-5	--	78	0.7	10.0	7.6	82
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.15	--	--	--	--	--
GV2-1	--	--	1.5	15.9	5.9	77	GV2-1	--	--	3.5	18.5	13	65
GV2-2	--	88	0.2	12.1	7.9	80	GV2-2	--	88	0.3	9.0	11	80
GV2-3	--	90	4.1	4.6	16.0	75	GV2-3	--	90	1.1	8.9	16	76
GV2-4	--	92	5.2	11.7	10	73	GV2-4	--	92	6.8	4.4	15	74
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.45	--	--	--	--	--
GV3-1	--	--	51.8	0.7	33	15	GV3-1	--	--	51.7	0.7	34	14
GV3-2	--	--	38.9	1.5	27	33	GV3-2	--	--	51.7	0.2	33	15
GV3-3	--	--	1.2	13.4	8.4	77	GV3-3	--	--	7.5	8.9	8.1	78
GV3-4	--	64	2.2	9.4	11	77	GV3-4	--	--	2.7	8.8	13	76
GV3-5	--	--	6.5	5.4	17	71	GV3-5	--	--	6.8	4.8	18	73
GV3-6	--	--	4.0	1.5	17	78	GV3-6	--	--	6.7	3.0	17	73
GV3-7	--	--	1.7	2.2	16	80	GV3-7	--	--	1.5	1.4	17	80
GV3-8	--	--	8.6	2.6	18	73	GV3-8	--	68	6.1	1.4	17	76
GV3-9	--	--	6.5	4.3	15	74	GV3-9	--	--	5.6	8.0	5.1	81
GV3-10 X	--	--	1.3	6.0	15	78	**GV3-10 X**	--	--	0.7	6.9	16	76
GV3-11	--	--	2.2	2.6	18	77	GV3-11	--	--	3.0	0.8	20	76
GV3-12	--	--	2.8	8.3	12	77	GV3-12	--	--	3.1	0.8	17	79
GV3-13	--	--	1.8	13.8	5	79	GV3-13	--	--	2.1	0.8	20	77
GV3-14	--	--	28.3	0.5	26	45	GV3-14	--	--	28.7	0.0	26	45
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	68	--	--	--	--	**LEG 4**	-0.37	68	--	--	--	--
GV4-C	--	--	0.6	10.0	10	79	GV4-C	--	--	0.8	8.9	11	81
GV4-B	--	--	0.0	20.0	0	80	GV4-B	--	--	0.5	4.7	15	80
GV4-A	--	--	0.0	19.2	0	81	GV4-A	--	--	0.7	8.8	11	80
GV4-1	--	--	0.0	19.8	0	80	GV4-1	--	--	5.2	3.1	18	74
GV4-2	--	--	17.7	2.0	24	56	GV4-2	--	--	16.9	0.1	28	57
GV4-3	--	--	1.0	14.1	6.8	78	GV4-3	--	--	1.3	10.8	8.8	79
GV4-4 X	--	--	0.0	19.3	1.2	80	**GV4-4 X**	--	--	0.4	14.9	1.8	83
GV4-5	--	--	9.4	3.8	19	68	GV4-5	--	--	11.0	6.5	18	65
GV4-6	--	--	0.9	16.7	4.5	78	GV4-6	--	--	2.1	10.5	10	77
GV4-7	--	--	22.2	5.5	19	53	GV4-7	--	--	19.7	3.1	24	53
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.58	--	--	--	--	--
GV5-1	--	72	33.6	2.5	28	36	GV5-1	--	88	17.1	2.5	24	56
GV5-2	--	--	35.9	0.8	30	33	GV5-2	--	--	16.8	1.8	24	57
GV5-3	--	--	36.3	2.3	30	31	GV5-3	--	--	16.7	0.6	24	59
GV5-4	--	--	31.5	0.5	27	41	GV5-4	--	--	15.1	0.6	28	58
GV5-5	--	--	33.5	0.3	31	35	GV5-5	--	--	17.7	0.7	28	56
GV5-6	--	--	37.8	0.0	32	30	GV5-6	--	--	13.7	7.4	21	58
GV5-7	--	--	33.9	0.0	30	36	GV5-7	--	--	16.0	4.3	24	56
GV5-8	--	--	0.3	18.2	1.6	80	GV5-8	--	--	1.7	14.2	2.4	82
GV5-9	--	--	0.2	17.7	2.3	80	GV5-9	--	--	0.1	18.0	1.8	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 1 - Oct 7, 2012						Week of:	Oct 15 - Oct 21, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	8.1	9.1	15	68	EW-1	--	-0.64	0.2	17.8	0.4	82
EW-2	--	--	0.0	10.3	11	79	EW-2	--	-0.53	0.1	12.8	11	76
EW-3	--	--	0.0	20.6	0	79	EW-3	--	-0.89	18.3	2.3	25	54
EW-4	--	--	2.9	1.9	27	68	EW-4	--	--	21.3	0.4	25	53
EW-5	--	--	28.8	2.3	27	42	EW-5	--	--	35.1	0.0	31	34
EW-6	--	--	34.1	0.2	30	36	EW-6	--	--	30.1	0.0	28	42
EW-7	--	--	31.2	0.8	25	43	EW-7	--	--	29.1	0.0	28	43
EW-8	--	--	40.1	0.0	33	27	EW-8	--	--	27.9	0.0	27	45
EW-9	--	--	40.9	0.4	30	29	EW-9	--	--	38.3	0.0	32	30
EW-10	--	--	1.1	6.7	9	83	EW-10	--	-0.60	0.5	11.6	4.2	84
EW-11	--	--	0.1	20.7	0.2	79	EW-11	--	-0.70	0.5	16.7	1.2	82
EW-12	--	--	0.2	18.9	2.0	79	EW-12	--	-0.58	0.7	16.8	0.8	82
SW1	--	--	30.1	3.7	25	41	SW1	--	--	34.7	0.0	34	31
SW2	--	--	32.3	2.0	24	42	SW2	--	--	35.2	0.0	33	32
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	34.5	0.2	32	33	NW1	--	--	16.5	0.7	27	56
NW2	--	--	35.8	0.0	32	32	NW2	--	--	38.6	0.0	34	27
NW3	--	--	37.3	0.0	34	29	NW3	--	--	40.5	0.0	35	25
NW4	--	--	29.4	0.8	28	42	NW4	--	--	21.3	0.0	29	50
NW5	--	--	25.5	2.4	23	49	NW5	--	--	20.1	2.4	22	56
NW6	--	--	36.1	0.0	26	38	NW6	--	--	34.6	0.0	38	27
NW7	--	--	54.8	0.0	40	5	NW7	--	--	57.7	0.0	40	2
NW8	--	--	35.5	2.1	29	33	NW8	--	--	13.3	0.0	28	61
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

December 10, 2012

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #214 – November 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for November 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #214 – November 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- The fourth quarter combustible gas indicator (CGI) checks were performed on November 8, 2012; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of November 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (December 2012)

- Develop Monthly Progress Report #214 summarizing activities in November 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (December 2012)

- December 10 - Anticipated submittal of the November 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	11/09	U.S. EPA	Monthly Progress Report for the Month of October 2012

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

PAPER

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 11/7/2012

Subject: LFG Monitoring Summary - Week of 10/29/12 - 11/04/12

Summary: All CPs remained in compliance this two week period.
There were two (2) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed November 4, 2012 with temps of 27 to 43°F and mostly cloudy conditions.
Vacuum readings were last taken on October 21, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
10/29/2012	--	--	9:00	--	--	1:30	--	--	4.5
10/30/2012	--	--	9:00	--	--	1:30	--	--	4.5
10/31/2012	--	--	9:00	--	--	1:00#	--	--	4.0
11/1/2012	--	--	10:00	--	--	2:30	--	--	4.5
11/2/2012	10:00#	--	11:00	--	--	2:30	--	--	3.5
11/3/2012	--	--	10:00	--	--	2:30	--	--	4.5
11/4/2012	6:30	--	--	11:00	--	--	--	--	4.5
								Total Hrs. =	30.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
10/29/2012	--	--	--	--	--
10/30/2012	--	--	--	--	--
10/31/2012	--	--	--	--	--
11/1/2012	--	--	--	--	--
11/2/2012	--	--	--	--	--
11/3/2012	CPs 1-3, TGP/GPs	11:30A - 2:00P	0.0	30.18 - 30.13	F
11/4/2012	CPs 4-5, TGP/GPs, S&EWs, GVs	8:30A - 1:30P	0.0	30.19 - 30.18	S

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	29-Oct		30-Oct		31-Oct		1-Nov		2-Nov		3-Nov		4-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.8
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.8
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	29-Oct		30-Oct		31-Oct		1-Nov		2-Nov		3-Nov		4-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	12.8
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.8
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 15 - Oct 21, 2012						Week of:	Oct 28 - Nov 04, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-2.19	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	--	14.5	1.4	25	59	GV1-1	--	--	13.2	0.0	24	63
GV1-2	--	64	28.1	0.0	30	42	GV1-2	--	38	30.1	0.0	30	40
GV1-3	--	--	29.7	0.0	31	39	GV1-3	--	--	30.6	0.0	32	37
GV1-4	--	--	35.1	0.0	31	34	GV1-4	--	--	34.6	0.0	32	33
GV1-5	--	--	24.7	0.0	30	45	GV1-5	--	--	26.0	0.0	29	45
GV1-6	--	--	26.8	0.0	18	55	GV1-6	--	--	25.2	0.0	29	46
GV1-7	--	--	2.4	11.6	7.5	79	GV1-7	--	--	1.2	9.0	8.0	82
GV1-8	--	--	16.8	6.9	22	54	GV1-8	--	--	22.9	0.0	28	49
GV1-9	--	--	18.0	0.0	8.0	74	GV1-9	--	--	23.7	0.0	28	48
GV1-10X	--	--	13.8	0.1	27	59	**GV1-10X**	--	--	25.0	0.0	29	46
GV1-11	--	--	11.5	0.0	25	64	GV1-11	--	--	17.4	0.0	22	61
GV1-12	--	--	15.9	0.0	28	56	GV1-12	--	--	24.5	0.0	28	48
GV1-13	--	--	15.8	0.0	25	59	GV1-13	--	--	28.8	0.0	30	41
LEG 1b	-1.32	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.6	9.7	8.4	81	GV1b-1	--	--	1.0	10.7	11	78
GV1b-2	--	--	3.8	4.5	19	73	GV1b-2	--	--	0.6	12.1	12	75
GV1b-3	--	--	14.9	3.6	19	63	GV1b-3	--	--	21.0	4.6	4.6	70
GV1b-4	--	--	15.0	4.5	21	60	GV1b-4	--	--	0.7	4.1	4.1	91
GV1b-5	--	78	0.7	10.0	7.6	82	GV1b-5	--	60	1.0	3.6	3.6	92
LEG 2	-0.15	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	3.5	18.5	13	65	GV2-1	--	--	2.4	8.7	12	77
GV2-2	--	88	0.3	9.0	11	80	GV2-2	--	76	0.4	10.3	9.2	80
GV2-3	--	90	1.1	6.9	16	76	GV2-3	--	80	0.4	7.4	14	78
GV2-4	--	92	6.8	4.4	15	74	GV2-4	--	88	5.5	10.3	16	68
LEG 3	-0.45	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	51.7	0.7	34	14	GV3-1	--	--	54.8	0.0	30	15
GV3-2	--	--	51.7	0.2	33	15	GV3-2	--	--	54.1	0.3	27	19
GV3-3	--	--	7.5	6.9	8.1	78	GV3-3	--	--	5.5	7.9	10	77
GV3-4	--	--	2.7	8.8	13	76	GV3-4	--	--	4.8	4.8	12	79
GV3-5	--	--	8.8	4.6	16	73	GV3-5	--	--	7.1	3.3	15	75
GV3-6	--	--	6.7	3.0	17	73	GV3-6	--	--	8.0	1.5	17	74
GV3-7	--	--	1.5	1.4	17	80	GV3-7	--	--	2.8	1.1	14	82
GV3-8	--	68	6.1	1.4	17	76	GV3-8	--	62	4.5	2.4	13	80
GV3-9	--	--	5.6	8.0	5.1	81	GV3-9	--	--	8.3	3.6	13	75
GV3-10 X	--	--	0.7	6.9	16	76	**GV3-10 X**	--	--	1.5	3.0	15	81
GV3-11	--	--	3.0	0.8	20	76	GV3-11	--	--	5.6	0.6	17	77
GV3-12	--	--	3.1	0.8	17	79	GV3-12	--	--	6.4	0.8	18	75
GV3-13	--	--	2.1	0.8	20	77	GV3-13	--	--	4.1	0.7	19	76
GV3-14	--	--	28.7	0.0	26	45	GV3-14	--	--	29.2	0.0	25	48
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.37	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	68	0.8	6.9	11	81	GV4-C	--	70	0.4	6.5	11	82
GV4-B	--	--	0.5	4.7	15	80	GV4-B	--	--	0.7	4.2	18	79
GV4-A	--	--	0.7	8.8	11	80	GV4-A	--	--	1.2	3.3	11	85
GV4-1	--	--	5.2	3.1	18	74	GV4-1	--	--	6.8	2.6	18	73
GV4-2	--	--	16.9	0.1	26	57	GV4-2	--	--	12.8	0.2	22	65
GV4-3	--	--	1.3	10.8	8.8	79	GV4-3	--	--	3.5	7.8	11	78
GV4-4 X	--	--	0.4	14.9	1.6	83	**GV4-4 X**	--	--	0.0	16.9	2.1	81
GV4-5	--	--	11.0	6.5	18	65	GV4-5	--	--	14.1	4.5	20	61
GV4-6	--	--	2.1	10.5	10	77	GV4-6	--	--	5.4	6.7	11	77
GV4-7	--	--	19.7	3.1	24	53	GV4-7	--	--	21.4	1.7	26	51
LEG 5	-0.58	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	88	17.1	2.5	24	56	GV5-1	--	80	23.6	0.0	24	52
GV5-2	--	--	16.8	1.8	24	57	GV5-2	--	--	21.1	0.0	23	56
GV5-3	--	--	16.7	0.6	24	59	GV5-3	--	--	16.3	0.0	23	61
GV5-4	--	--	15.1	0.6	26	58	GV5-4	--	--	15.0	0.0	22	63
GV5-5	--	--	17.7	0.7	26	56	GV5-5	--	--	22.4	0.0	27	51
GV5-6	--	--	13.7	7.4	21	58	GV5-6	--	--	14.4	0.0	22	64
GV5-7	--	--	16.0	4.3	24	56	GV5-7	--	--	17.4	0.0	24	59
GV5-8	--	--	1.7	14.2	2.4	82	GV5-8	--	--	3.7	6.1	7.1	83
GV5-9	--	--	0.1	18.0	1.6	80	GV5-9	--	--	2.6	8.5	3.2	86

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 15 - Oct 21, 2012						Week of:	Oct 29 - Nov 04, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.64	--	0.2	17.8	0.4	82	EW-1	--	--	7.7	11.8	14.5	66
EW-2	-0.53	--	0.1	12.8	11	76	EW-2	--	--	0.1	10.0	12	78
EW-3	-0.89	--	18.3	2.3	25	54	EW-3	--	--	19.9	2.5	24	54
EW-4	--	--	21.3	0.4	25	53	EW-4	--	--	25.0	0.0	26	49
EW-5	--	--	35.1	0.0	31	34	EW-5	--	--	38.1	0.0	31	31
EW-6	--	--	30.1	0.0	28	42	EW-6	--	--	32.8	0.0	29	38
EW-7	--	--	29.1	0.0	28	43	EW-7	--	--	28.4	0.0	28	44
EW-8	--	--	27.9	0.0	27	45	EW-8	--	--	29.8	0.0	30	40
EW-9	--	--	38.3	0.0	32	30	EW-9	--	--	39.0	0.0	32	29
EW-10	-0.60	--	0.5	11.6	4.2	84	EW-10	--	--	0.5	11.6	4.2	84
EW-11	-0.70	--	0.5	16.7	1.2	82	EW-11	--	--	0.3	17.3	1.1	81
EW-12	-0.56	--	0.7	16.8	0.8	82	EW-12	--	--	0.7	14.7	4.0	81
SW1	--	--	34.7	0.0	34	31	SW1	--	--	38.7	0.0	42	19
SW2	--	--	35.2	0.0	33	32	SW2	--	--	38.5	0.0	33	29
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	16.5	0.7	27	56	NW1	--	--	10.5	10.3	15	65
NW2	--	--	38.6	0.0	34	27	NW2	--	--	27.8	0.0	25	48
NW3	--	--	40.5	0.0	35	25	NW3	--	--	24.7	0.0	21	55
NW4	--	--	21.3	0.0	29	50	NW4	--	--	14.0	0.5	19	66
NW5	--	--	20.1	2.4	22	56	NW5	--	--	28.4	0.5	26	46
NW6	--	--	34.8	0.0	38	27	NW6	--	--	39.6	0.0	36	24
NW7	--	--	57.7	0.0	40	2	NW7	--	--	34.0	0.0	25	42
NW8	--	--	13.3	0.0	26	61	NW8	--	--	10.5	1.6	18	70
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
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(5) Temperature readings recorded from well head thermometers;
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(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 11/21/2012

Subject: LFG Monitoring Summary - Week of 11/12/12 - 11/18/12

Summary: All CPs remained in compliance this two week period.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed November 16, 2012 with temps of 36 to 45°F and scattered clouds.
Vacuum readings were last taken on October 21, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
11/12/2012	--	--	6:30	11:00	--	--	--	--	4.5
11/13/2012	--	--	6:30	11:00	--	--	--	--	4.5
11/14/2012	--	--	6:30	11:00	--	--	--	--	4.5
11/15/2012	--	--	6:30	11:00	--	--	--	--	4.5
11/16/2012	--	--	6:30	11:00	--	--	--	--	4.5
11/17/2012	--	--	6:30	11:00	--	--	--	--	4.5
11/18/2012	--	--	6:30	11:00	--	--	--	--	4.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
11/12/2012	--	--	--	--	--
11/13/2012	--	--	--	--	--
11/14/2012	--	--	--	--	--
11/15/2012	--	--	--	--	--
11/16/2012	CPs, TGP/GPs, S&EWs, GVs	9:30A - 4:00P	0.0	30.47 - 30.42	F
11/17/2012	--	--	--	--	--
11/18/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	12-Nov		13-Nov		14-Nov		15-Nov		16-Nov		17-Nov		18-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	12-Nov		13-Nov		14-Nov		15-Nov		16-Nov		17-Nov		18-Nov	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	14.2	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	12.8	--	--	--	--

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(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
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(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 28 - Nov 04, 2012						Week of:	Nov 12 - Nov 18, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	--	13.2	0.0	24	63	GV1-1	--	--	4.7	6.4	16	73
GV1-2	--	36	30.1	0.0	30	40	GV1-2	--	30	15.7	1.9	24	58
GV1-3	--	--	30.6	0.0	32	37	GV1-3	--	--	21.1	4.9	22	52
GV1-4	--	--	34.6	0.0	32	33	GV1-4	--	--	12.0	9.2	15	64
GV1-5	--	--	26.0	0.0	29	45	GV1-5	--	--	20.7	1.8	26	52
GV1-6	--	--	25.2	0.0	29	46	GV1-6	--	--	20.4	1.2	26	52
GV1-7	--	--	1.2	9.0	8.0	82	GV1-7	--	32	0.2	14.0	4.6	81
GV1-8	--	--	22.9	0.0	28	49	GV1-8	--	--	6.6	9.3	15	69
GV1-9	--	--	23.7	0.0	28	48	GV1-9	--	--	17.1	2.1	25	56
GV1-10X	--	--	25.0	0.0	29	46	**GV1-10X**	--	--	6.0	9.3	11	74
GV1-11	--	--	17.4	0.0	22	61	GV1-11	--	--	10.8	0.8	23	65
GV1-12	--	--	24.5	0.0	28	48	GV1-12	--	--	5.4	9.3	10	75
GV1-13	--	--	28.8	0.0	30	41	GV1-13	--	--	4.9	10.1	12	73
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	1.0	10.7	11	78	GV1b-1	--	--	0.6	13.6	7.5	78
GV1b-2	--	--	0.6	12.1	12	75	GV1b-2	--	--	4.1	7.1	15	74
GV1b-3	--	--	21.0	4.6	4.6	70	GV1b-3	--	--	22.4	1.2	22	54
GV1b-4	--	--	0.7	4.1	4.1	91	GV1b-4	--	--	0.9	6.6	13	80
GV1b-5	--	60	1.0	3.6	3.6	92	GV1b-5	--	78	0.9	8.2	12	79
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.4	8.7	12	77	GV2-1	--	--	1.4	14.8	8.1	76
GV2-2	--	76	0.4	10.3	9.2	80	GV2-2	--	88	0.1	13.9	7.7	78
GV2-3	--	80	0.4	7.4	14	78	GV2-3	--	80	1.5	9.2	16	73
GV2-4	--	88	5.5	10.3	16	68	GV2-4	--	92	1.7	6.2	16	76
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	54.8	0.0	30	15	GV3-1	--	--	58.2	2.1	33	7
GV3-2	--	--	54.1	0.3	27	19	GV3-2	--	--	46.5	2.4	26	25
GV3-3	--	--	5.5	7.9	10	77	GV3-3	--	--	2.1	10.4	10	78
GV3-4	--	--	4.6	4.8	12	79	GV3-4	--	--	11.9	4.1	18	66
GV3-5	--	--	7.1	3.3	15	75	GV3-5	--	--	0.2	5.3	11	84
GV3-6	--	--	8.0	1.5	17	74	GV3-6	--	--	0.4	17.7	13	69
GV3-7	--	--	2.8	1.1	14	82	GV3-7	--	--	0.0	13.5	7.6	79
GV3-8	--	62	4.5	2.4	13	80	GV3-8	--	68	0.4	17.3	3.4	79
GV3-9	--	--	8.3	3.8	13	75	GV3-9	--	--	0.2	17.4	3.3	79
GV3-10 X	--	--	1.5	3.0	16	81	**GV3-10 X**	--	--	0.6	17.1	3.0	79
GV3-11	--	--	5.6	0.6	17	77	GV3-11	--	--	0.7	7.1	12	80
GV3-12	--	--	6.4	0.6	18	75	GV3-12	--	--	2.9	4.9	15	77
GV3-13	--	--	4.1	0.7	19	76	GV3-13	--	--	0.4	2.3	17	80
GV3-14	--	--	29.2	0.0	25	46	GV3-14	--	--	26.4	0.2	25	48
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	70	0.4	6.5	11	82	GV4-C	--	44	0.5	10.1	10	79
GV4-B	--	--	0.7	4.2	16	79	GV4-B	--	--	0.1	7.2	13	80
GV4-A	--	--	1.2	3.3	11	85	GV4-A	--	--	0.5	8.4	11	80
GV4-1	--	--	6.6	2.6	18	73	GV4-1	--	--	4.5	2.3	4.5	89
GV4-2	--	--	12.8	0.2	22	65	GV4-2	--	--	16.8	2.8	23	58
GV4-3	--	--	3.5	7.8	11	78	GV4-3	--	--	1.4	12.3	8.5	78
GV4-4 X	--	--	0.0	16.9	2.1	81	**GV4-4 X**	--	--	0.0	20.0	0.7	79
GV4-5	--	--	14.1	4.5	20	61	GV4-5	--	--	12.7	3.1	19	65
GV4-6	--	--	5.4	6.7	11	77	GV4-6	--	--	2.0	11.7	10	76
GV4-7	--	--	21.4	1.7	26	51	GV4-7	--	--	22.2	4.0	23	51
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	23.6	0.0	24	52	GV5-1	--	88	0.0	19.7	0.7	80
GV5-2	--	--	21.1	0.0	23	56	GV5-2	--	--	4.1	13.2	6.7	76
GV5-3	--	--	16.3	0.0	23	61	GV5-3	--	--	1.4	16.3	4.8	78
GV5-4	--	--	15.0	0.0	22	63	GV5-4	--	--	7.0	8.9	11	73
GV5-5	--	--	22.4	0.0	27	51	GV5-5	--	--	19.5	0.7	21	59
GV5-6	--	--	14.4	0.0	22	64	GV5-6	--	--	4.8	10.4	8.7	76
GV5-7	--	--	17.4	0.0	24	59	GV5-7	--	--	11.1	4.4	14	71
GV5-8	--	--	3.7	6.1	7.1	83	GV5-8	--	--	0.0	18.5	2.3	79
GV5-9	--	--	2.8	8.5	3.2	86	GV5-9	--	--	0.0	18.6	2.1	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Oct 29 - Nov 04, 2012						Week of:	Nov 12 - Nov 18, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	7.7	11.8	14.5	66	EW-1	--	--	10.4	3.4	19.0	67
EW-2	--	--	0.1	10.0	12	78	EW-2	--	--	0.0	13.1	8.7	78
EW-3	--	--	19.9	2.5	24	54	EW-3	--	--	19.1	1.6	23	56
EW-4	--	--	25.0	0.0	26	49	EW-4	--	--	25.3	0.1	27	48
EW-5	--	--	38.1	0.0	31	31	EW-5	--	--	28.2	0.0	27	45
EW-6	--	--	32.8	0.0	29	38	EW-6	--	--	27.2	0.3	22	51
EW-7	--	--	28.4	0.0	28	44	EW-7	--	--	30.5	0.0	27	43
EW-8	--	--	29.6	0.0	30	40	EW-8	--	--	35.8	0.0	31	33
EW-9	--	--	39.0	0.0	32	29	EW-9	--	--	38.8	0.0	32	29
EW-10	--	--	0.5	11.8	4.2	84	EW-10	--	--	0.7	6.7	10	83
EW-11	--	--	0.3	17.3	1.1	81	EW-11	--	--	0.4	20.0	0.9	79
EW-12	--	--	0.7	14.7	4.0	81	EW-12	--	--	0.3	13.9	3.1	83
SW1	--	--	38.7	0.0	42	19	SW1	--	--	39.8	0.3	33	27
SW2	--	--	38.5	0.0	33	29	SW2	--	--	40.2	0.0	34	26
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	10.5	10.3	15	65	NW1	--	--	37.4	1.0	31	31
NW2	--	--	27.8	0.0	25	48	NW2	--	--	44.9	0.0	34	21
NW3	--	--	24.7	0.0	21	55	NW3	--	--	44.1	0.0	35	21
NW4	--	--	14.0	0.5	19	66	NW4	--	--	19.9	4.8	22	53
NW5	--	--	28.4	0.5	26	46	NW5	--	--	33.8	0.0	26	40
NW6	--	--	39.6	0.0	36	24	NW6	--	--	32.9	0.0	34	33
NW7	--	--	34.0	0.0	25	42	NW7	--	--	64.6	0.0	36	0
NW8	--	--	10.5	1.6	18	70	NW8	--	--	39.4	0.6	27	33
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
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R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 12/4/2012

Subject: LFG Monitoring Summary - Week of 11/26/12 - 12/02/12

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed November 29, 2012 with temps of 34 to 46°F and scattered clouds.
Vacuum readings were last taken on October 21, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
11/26/2012	--	--	6:30#	--	--	--	--	--	0.0
11/27/2012	--	--	--	--	12:00	4:30	--	--	4.5
11/28/2012	1:00	5:30	--	--	2:00	6:30	--	--	9.0
11/29/2012	--	--	6:30	11:00	--	--	--	--	4.5
11/30/2012	--	--	6:30	11:00	--	--	--	--	4.5
12/1/2012	--	--	6:30	11:00	--	--	--	--	4.5
12/2/2012	--	--	6:30	11:00	--	--	--	--	4.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
11/26/2012	--	--	--	--	--
11/27/2012	--	--	--	--	--
11/28/2012	--	--	--	--	--
11/29/2012	CPs, TGP/GPs, S&EWs, GVs	9:30A - 4:00P	0.0	30.47 - 30.42	F
11/30/2012	--	--	--	--	--
12/1/2012	--	--	--	--	--
12/2/2012	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	26-Nov		27-Nov		28-Nov		29-Nov		30-Nov		1-Dec		2-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	13.1	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	14.1	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	12.0	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	15.9	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	13.0	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	17.6	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) *Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume*

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	26-Nov		27-Nov		28-Nov		29-Nov		30-Nov		1-Dec		2-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	18.2	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	16.0	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	16.4	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	15.8	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	18.0	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	17.0	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--

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(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 12 - Nov 18, 2012						Week of:	Nov 26 - Dec 02, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	--	4.7	6.4	16	73	GV1-1	--	30	28.5	0.6	32	39
GV1-2	--	30	15.7	1.9	24	58	GV1-2	--	--	13.9	1.7	23	61
GV1-3	--	--	21.1	4.9	22	52	GV1-3	--	--	27.1	2.8	32	38
GV1-4	--	--	12.0	9.2	15	64	GV1-4	--	--	28.0	0.0	32	40
GV1-5	--	--	20.7	1.8	26	52	GV1-5	--	--	27.8	0.0	31	41
GV1-6	--	--	20.4	1.2	26	52	GV1-6	--	--	28.3	0.0	21	51
GV1-7	--	32	0.2	14.0	4.8	81	GV1-7	--	34	0.8	6.1	5.8	87
GV1-8	--	--	6.6	9.3	15	69	GV1-8	--	--	26.6	6.1	31	36
GV1-9	--	--	17.1	2.1	25	56	GV1-9	--	--	26.4	0.4	30	43
GV1-10X	--	--	6.0	9.3	11	74	**GV1-10X**	--	--	21.6	11.1	27	40
GV1-11	--	--	10.8	0.8	23	65	GV1-11	--	--	1.2	7.4	6.3	85
GV1-12	--	--	5.4	9.3	10	75	GV1-12	--	--	13.5	2.6	28	56
GV1-13	--	--	4.9	10.1	12	73	GV1-13	--	--	14.1	3.2	22	61
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.8	13.6	7.5	78	GV1b-1	--	--	3.9	6.8	10	79
GV1b-2	--	--	4.1	7.1	15	74	GV1b-2	--	--	2.3	11.2	10	77
GV1b-3	--	--	22.4	1.2	22	54	GV1b-3	--	--	12.8	9.0	16	62
GV1b-4	--	--	0.9	6.6	13	80	GV1b-4	--	--	0.4	18.6	0.9	80
GV1b-5	--	78	0.9	8.2	12	79	GV1b-5	--	60	2.8	16.4	10	71
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.4	14.8	8.1	76	GV2-1	--	38	8.4	3.4	17	71
GV2-2	--	88	0.1	13.9	7.7	78	GV2-2	--	--	8.8	5.2	17	69
GV2-3	--	90	1.5	9.2	16	73	GV2-3	--	42	8.8	5.3	17	69
GV2-4	--	92	1.7	6.2	16	76	GV2-4	--	68	8.9	5.0	17	69
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	58.2	2.1	33	7	GV3-1	--	--	56.7	0.0	34	9
GV3-2	--	--	46.5	2.4	26	25	GV3-2	--	--	56.6	0.0	33	10
GV3-3	--	--	2.1	10.4	10	78	GV3-3	--	--	46.4	0.6	30	23
GV3-4	--	--	11.9	4.1	18	66	GV3-4	--	42	41.8	3.2	28	27
GV3-5	--	--	0.2	5.3	11	84	GV3-5	--	--	44.1	3.9	28	24
GV3-6	--	--	0.4	17.7	13	69	GV3-6	--	--	29.4	4.1	23	44
GV3-7	--	--	0.0	13.5	7.6	79	GV3-7	--	--	8.0	9.5	11	72
GV3-8	--	68	0.4	17.3	3.4	79	GV3-8	--	--	7.7	11.7	10	71
GV3-9	--	--	0.2	17.4	3.3	79	GV3-9	--	--	8.0	9.3	11	72
GV3-10 X	--	--	0.6	17.1	3.0	79	**GV3-10 X**	--	--	27.2	5.9	21	46
GV3-11	--	--	0.7	7.1	12	80	GV3-11	--	--	3.1	9.6	7.4	80
GV3-12	--	--	2.9	4.9	15	77	GV3-12	--	--	2.5	13.7	7.2	77
GV3-13	--	--	0.4	2.3	17	80	GV3-13	--	--	1.7	13.8	6.4	78
GV3-14	--	--	26.4	0.2	25	48	GV3-14	--	--	24.1	3.2	24	49
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	44	0.5	10.1	10	79	GV4-C	--	64	5.2	13.6	10	71
GV4-B	--	--	0.1	7.2	13	80	GV4-B	--	--	5.8	12.4	10	72
GV4-A	--	--	0.5	8.4	11	80	GV4-A	--	--	5.8	12.3	10	72
GV4-1	--	--	4.5	2.3	4.5	89	GV4-1	--	--	5.1	13.4	8.5	73
GV4-2	--	--	16.8	2.6	23	58	GV4-2	--	--	4.0	13.0	8.6	74
GV4-3	--	--	1.4	12.3	8.5	78	GV4-3	--	--	3.4	13.2	3.2	80
GV4-4 X	--	--	0.0	20.0	0.7	79	**GV4-4 X**	--	--	1.1	17.8	20	61
GV4-5	--	--	12.7	3.1	19	65	GV4-5	--	--	18.4	5.4	26	50
GV4-6	--	--	2.0	11.7	10	76	GV4-6	--	--	27.2	2.1	27	44
GV4-7	--	--	22.2	4.0	23	51	GV4-7	--	--	27.0	0.0	23	50
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	68	0.0	19.7	0.7	80	GV5-1	--	68	2.2	11.7	5.4	81
GV5-2	--	--	4.1	13.2	6.7	76	GV5-2	--	--	0.2	14.5	4.9	80
GV5-3	--	--	1.4	16.3	4.8	78	GV5-3	--	--	0.1	15.9	3.4	81
GV5-4	--	--	7.0	8.9	11	73	GV5-4	--	--	0.4	15.7	4.2	80
GV5-5	--	--	19.5	0.7	21	59	GV5-5	--	--	4.2	5.6	9.2	81
GV5-6	--	--	4.8	10.4	8.7	76	GV5-6	--	--	2.1	6.7	6.1	85
GV5-7	--	--	11.1	4.4	14	71	GV5-7	--	--	2.1	8.1	5.8	84
GV5-8	--	--	0.0	18.5	2.3	79	GV5-8	--	--	0.1	13.8	3.6	83
GV5-9	--	--	0.0	18.8	2.1	79	GV5-9	--	--	0.0	17.0	5.3	78

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 12 - Nov 18, 2012						Week of:	Nov 26 - Dec 02, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	10.4	3.4	19.0	67	EW-1	--	--	3.4	11.8	10	75
EW-2	--	--	0.0	13.1	8.7	78	EW-2	--	--	0.0	18.8	7.8	73
EW-3	--	--	19.1	1.6	23	56	EW-3	--	--	23.2	3.1	26	48
EW-4	--	--	25.3	0.1	27	48	EW-4	--	--	37.0	0.0	31	32
EW-5	--	--	28.2	0.0	27	45	EW-5	--	--	38.6	0.0	31	30
EW-6	--	--	27.2	0.3	22	51	EW-6	--	--	33.3	0.0	31	36
EW-7	--	--	30.5	0.0	27	43	EW-7	--	--	28.1	0.0	26	46
EW-8	--	--	35.8	0.0	31	33	EW-8	--	--	35.8	0.0	31	33
EW-9	--	--	38.8	0.0	32	29	EW-9	--	--	38.3	0.0	32	30
EW-10	--	--	0.7	6.7	10	83	EW-10	--	--	32.0	1.7	29	37
EW-11	--	--	0.4	20.0	0.9	79	EW-11	--	--	3.3	11.2	10	76
EW-12	--	--	0.3	13.9	3.1	83	EW-12	--	--	0.0	18.1	0.8	81
SW1	--	--	39.8	0.3	33	27	SW1	--	--	32.8	0.0	29	38
SW2	--	--	40.2	0.0	34	26	SW2	--	--	36.4	0.0	30	34
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	37.4	1.0	31	31	NW1	--	--	26.7	3.5	25	45
NW2	--	--	44.9	0.0	34	21	NW2	--	--	40.3	0.0	34	26
NW3	--	--	44.1	0.0	35	21	NW3	--	--	38.3	3.4	34	24
NW4	--	--	19.9	4.8	22	53	NW4	--	--	12.3	10.8	18	61
NW5	--	--	33.8	0.0	26	40	NW5	--	--	20.3	4.7	26	49
NW6	--	--	32.9	0.0	34	33	NW6	--	--	20.1	0.0	35	45
NW7	--	--	64.6	0.0	36	0	NW7	--	--	58.8	0.0	39	2
NW8	--	--	39.4	0.6	27	33	NW8	--	--	1.6	19.2	4.1	75
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 80	--	-4.00+	--	--	--	--	FLARE 80	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

January 10, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #215 – December 2012
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for December 2012.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #215 – December 2012
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of December 2012 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (January 2013)

- Develop Monthly Progress Report #215 summarizing activities in December 2012; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (January 2013)

- January 10 - Anticipated submittal of the December 2012 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	12/10	U.S. EPA	Monthly Progress Report for the Month of November 2012

PAPER

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 12/24/2012

Subject: LFG Monitoring Summary - Week of 12/10/12 - 12/16/12

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed December 16, 2012 with temps of 58 to 59°F and mostly cloudy.
Vacuum readings were last taken on October 21, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
12/10/2013	3:00#	--	--	--	--	--	--	--	0.0
12/11/2013	3:00	7:30	--	--	--	--	--	--	4.5
12/12/2013	3:00	7:30	--	--	--	--	--	--	4.5
12/13/2013	3:00	7:30	--	--	--	--	--	--	4.5
12/14/2013	3:00	7:30	--	--	--	--	--	--	4.5
12/15/2013	3:00	7:30	--	--	--	--	--	--	4.5
12/16/2013	3:00	7:30	--	--	--	--	--	--	4.5
								Total Hrs. =	27.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
12/10/2013	--	--	--	--	--
12/11/2013	--	--	--	--	--
12/12/2013	--	--	--	--	--
12/13/2013	--	--	--	--	--
12/14/2013	--	--	--	--	--
12/15/2013	CPs 1-5, TGP/GP	12:00 - 4:00P	0.0	30.05 - 29.88	F
12/16/2013	GVs 1-5, TGP/GP	11:00 - 3:30P	0.0	29.74 - 29.66	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Dec		11-Dec		12-Dec		13-Dec		14-Dec		15-Dec		16-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	14.0	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	14.2	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	15.7	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	12.8	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	15.9	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	14.3	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure.

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Dec		11-Dec		12-Dec		13-Dec		14-Dec		15-Dec		16-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.8
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	9.1
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.1
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	13.4	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	15.5	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 26 - Dec 02, 2012						Week of:	Dec 10 - Dec 16, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	30	28.5	0.6	32	39	GV1-1	--	46	31.2	0.0	30	39
GV1-2	--	--	13.9	1.7	23	61	GV1-2	--	--	20.0	5.8	21	53
GV1-3	--	--	27.1	2.8	32	38	GV1-3	--	--	31.6	0.0	30	38
GV1-4	--	--	28.0	0.0	32	40	GV1-4	--	--	31.7	0.0	30	38
GV1-5	--	--	27.8	0.0	31	41	GV1-5	--	--	32.0	0.0	30	38
GV1-6	--	--	28.3	0.0	21	51	GV1-6	--	--	27.8	0.0	26	46
GV1-7	--	34	0.8	6.1	5.8	87	GV1-7	--	42	0.7	18.9	1.2	79
GV1-8	--	--	26.8	6.1	31	36	GV1-8	--	--	15.6	2.1	22	60
GV1-9	--	--	26.4	0.4	30	43	GV1-9	--	--	15.7	1.5	22	61
GV1-10X	--	--	21.6	11.1	27	40	**GV1-10X**	--	--	15.7	1.7	22	61
GV1-11	--	--	1.2	7.4	6.3	85	GV1-11	--	--	9.8	0.1	22	68
GV1-12	--	--	13.5	2.6	28	56	GV1-12	--	--	9.6	0.0	24	66
GV1-13	--	--	14.1	3.2	22	61	GV1-13	--	--	16.1	0.8	23	60
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	3.9	6.8	10	79	GV1b-1	--	--	10.3	6.1	15	69
GV1b-2	--	--	2.3	11.2	10	77	GV1b-2	--	--	8.3	8.6	12	71
GV1b-3	--	--	12.8	9.0	16	62	GV1b-3	--	--	13.2	6.4	17	63
GV1b-4	--	--	0.4	18.6	0.9	80	GV1b-4	--	--	6.2	7.4	14	72
GV1b-5	--	60	2.8	16.4	10	71	GV1b-5	--	50	8.8	7.1	14	70
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	38	8.4	3.4	17	71	GV2-1	--	--	11.4	4.1	17	68
GV2-2	--	--	8.6	5.2	17	69	GV2-2	--	68	10.3	4.3	17	68
GV2-3	--	42	8.8	5.3	17	69	GV2-3	--	68	10.3	4.6	17	68
GV2-4	--	68	8.9	5.0	17	69	GV2-4	--	60	10.8	4.3	17	68
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	56.7	0.0	34	9	GV3-1	--	--	59.1	0.0	35	6
GV3-2	--	--	56.6	0.0	33	10	GV3-2	--	--	59.9	0.0	33	7
GV3-3	--	--	46.4	0.6	30	23	GV3-3	--	--	59.7	0.0	34	6
GV3-4	--	42	41.8	3.2	28	27	GV3-4	--	60	59.7	0.0	34	6
GV3-5	--	--	44.1	3.9	28	24	GV3-5	--	--	59.1	0.0	34	7
GV3-6	--	--	29.4	4.1	23	44	GV3-6	--	--	49.7	0.9	31	18
GV3-7	--	--	8.0	9.5	11	72	GV3-7	--	--	52.1	0.4	32	16
GV3-8	--	--	7.7	11.7	10	71	GV3-8	--	--	57.0	0.0	33	10
GV3-9	--	--	8.0	9.3	11	72	GV3-9	--	--	56.3	0.5	33	10
GV3-10 X	--	--	27.2	5.9	21	46	**GV3-10 X**	--	--	56.0	0.0	33	11
GV3-11	--	--	3.1	9.6	7.4	80	GV3-11	--	--	52.9	0.0	32	15
GV3-12	--	--	2.5	13.7	7.2	77	GV3-12	--	--	53.0	0.3	32	15
GV3-13	--	--	1.7	13.8	6.4	78	GV3-13	--	--	56.0	0.3	33	11
GV3-14	--	--	24.1	3.2	24	49	GV3-14	--	--	54.3	0.6	32	13
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	64	5.2	13.6	10	71	GV4-C	--	64	24.2	4.9	20	51
GV4-B	--	--	5.8	12.4	10	72	GV4-B	--	--	20.4	5.6	18	56
GV4-A	--	--	5.8	12.3	10	72	GV4-A	--	--	20.4	5.4	18	56
GV4-1	--	--	5.1	13.4	8.5	73	GV4-1	--	--	27.1	2.6	23	47
GV4-2	--	--	4.0	13.0	8.6	74	GV4-2	--	--	30.3	1.3	25	43
GV4-3	--	--	3.4	13.2	3.2	80	GV4-3	--	--	32.6	0.3	26	41
GV4-4 X	--	--	1.1	17.8	20	61	**GV4-4 X**	--	--	0.7	16.1	3.0	80
GV4-5	--	--	18.4	5.4	26	50	GV4-5	--	--	33.6	0.8	27	39
GV4-6	--	--	27.2	2.1	27	44	GV4-6	--	--	34.9	0.0	28	37
GV4-7	--	--	27.0	0.0	23	50	GV4-7	--	--	40.1	0.0	29	31
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	68	2.2	11.7	5.4	81	GV5-1	--	80	28.7	0.0	28.0	43
GV5-2	--	--	0.2	14.5	4.9	80	GV5-2	--	--	46.0	0.0	30.0	24
GV5-3	--	--	0.1	15.9	3.4	81	GV5-3	--	--	27.8	0.0	26.0	46
GV5-4	--	--	0.4	15.7	4.2	80	GV5-4	--	--	36.3	0.0	27.0	37
GV5-5	--	--	4.2	5.6	9.2	81	GV5-5	--	--	36.5	0.0	27.0	37
GV5-6	--	--	2.1	6.7	6.1	85	GV5-6	--	--	36.6	0.0	27.0	36
GV5-7	--	--	2.1	8.1	5.8	84	GV5-7	--	--	36.2	0.0	27.0	37
GV5-8	--	--	0.1	13.6	3.6	83	GV5-8	--	--	1.3	15.5	4.2	79
GV5-9	--	--	0.0	17.0	5.3	78	GV5-9	--	--	2.9	12.4	7.7	77

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Nov 26 - Dec 02, 2012						Week of:	Dec 10 - Dec 16, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	3.4	11.8	10	75	EW-1	--	--	10.8	5.3	16	68
EW-2	--	--	0.0	18.8	7.8	73	EW-2	--	--	0.2	14.8	5.9	79
EW-3	--	--	23.2	3.1	26	48	EW-3	--	--	27.5	0.4	25	47
EW-4	--	--	37.0	0.0	31	32	EW-4	--	--	35.8	0.0	29	35
EW-5	--	--	38.6	0.0	31	30	EW-5	--	--	41.7	0.0	31	27
EW-6	--	--	33.3	0.0	31	36	EW-6	--	--	39.7	0.0	32	28
EW-7	--	--	28.1	0.0	26	46	EW-7	--	--	39.2	0.0	32	29
EW-8	--	--	35.8	0.0	31	33	EW-8	--	--	28.9	0.0	27	44
EW-9	--	--	38.3	0.0	32	30	EW-9	--	--	34.5	0.0	29	37
EW-10	--	--	32.0	1.7	29	37	EW-10	--	--	36.5	0.2	30	33
EW-11	--	--	3.3	11.2	10	76	EW-11	--	--	10.9	5.2	17	67
EW-12	--	--	0.0	18.1	0.8	81	EW-12	--	--	0.8	16.6	3.0	80
SW1	--	--	32.8	0.0	29	38	SW1	--	--	35.1	0.0	30	35
SW2	--	--	36.4	0.0	30	34	SW2	--	--	35.1	0.0	30	35
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	26.7	3.5	25	45	NW1	--	--	40.3	0.0	33	27
NW2	--	--	40.3	0.0	34	26	NW2	--	--	49.3	0.0	37	14
NW3	--	--	38.3	3.4	34	24	NW3	--	--	49.1	0.0	37	14
NW4	--	--	12.3	10.8	16	61	NW4	--	--	32.8	0.0	28	39
NW5	--	--	20.3	4.7	26	49	NW5	--	--	31.8	0.0	26	42
NW6	--	--	20.1	0.0	35	45	NW6	--	--	38.5	0.0	36	26
NW7	--	--	58.8	0.0	39	2	NW7	--	--	60.3	0.0	40	0
NW8	--	--	1.6	19.2	4.1	75	NW8	--	--	47.9	0.0	34	18
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 12/31/2012

Subject: LFG Monitoring Summary - Week of 12/24/12 - 12/30/12

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 to 300 mins. ON and 1140 to 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed December 28, 2012 with temps of 31 to 32°F and mostly cloudy.
Vacuum readings were last taken on December 28, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
12/24/2012	--	--	9:30	--	--	2:30	--	--	5.0
12/25/2012	--	--	9:30	--	--	2:30	--	--	5.0
12/26/2012	--	--	9:30	--	--	2:30	--	--	5.0
12/27/2012	--	--	9:30	--	--	2:30	--	--	5.0
12/28/2012	--	--	--	--	12:00	4:30	--	--	4.5
12/29/2012	--	--	9:30	--	--	2:30	--	--	5.0
12/30/2012	--	--	9:30	10:00#	12:00	2:30	--	--	3.0
								Total Hrs. =	32.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
12/24/2012	--	--	--	--	--
12/25/2012	--	--	--	--	--
12/26/2012	--	--	--	--	--
12/27/2012	--	--	--	--	--
12/28/2012	GVs 1-5	1:30 - 4:30P	--	30.14 - 30.02	S
12/29/2012	--	--	--	--	--
12/30/2012	CPs 1-5, TGP/GPs	12:30 - 5:00	0.0	30.43 - 30.39	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985. AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Dec		25-Dec		26-Dec		27-Dec		28-Dec		29-Dec		30-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP1b-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP1b-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP1b-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
TGP1b-E	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP1b-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP1b-F	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP1b-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
TGP1b-G	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP1b-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.5
TGP1b-H	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP1b-D	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
GP-03	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP-82	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
GP-04	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
TGP-83	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
CP2-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
CP2-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
CP2-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
CP2-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.4
CP-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
CP2-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
CP2-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-06	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP-East	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-Dads	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
CP3-1RR	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
CP3-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
CP3-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
CP3-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
CP3-7R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
CP3-8R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
CP3-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
CP3-10R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
CP3-12R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
CP3-13R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP3-14R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	12.8
CP3-15R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-89	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	NS	--
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	NS	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Dec		25-Dec		26-Dec		27-Dec		28-Dec		29-Dec		30-Dec	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.8
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.8
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-69	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-90	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
GP-17	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.2
TGP-91	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
GP-18	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP-73	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP-74	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-84	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-75	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.2
TGP-85	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-72	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
TGP-86	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
TGP-32	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location.

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 10 - Dec 16, 2012						Week of:	Dec 24 - Dec 30, 2012					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-2.17	--	--	--	--	--
GV1-1	--	46	31.2	0.0	30	39	GV1-1	--	34	11.1	0.1	24	65
GV1-2	--	--	20.0	5.8	21	53	GV1-2	--	--	23.7	0.0	26	50
GV1-3	--	--	31.6	0.0	30	38	GV1-3	--	--	21.4	0.0	28	51
GV1-4	--	--	31.7	0.0	30	38	GV1-4	--	--	29.9	0.0	30	40
GV1-5	--	--	32.0	0.0	30	38	GV1-5	--	--	23.6	0.0	29	47
GV1-6	--	--	27.8	0.0	26	46	GV1-6	--	--	18.5	0.0	26	56
GV1-7	--	42	0.7	18.9	1.2	79	GV1-7	--	32	0.7	9.4	4.5	85
GV1-8	--	--	15.6	2.1	22	60	GV1-8	--	--	18.2	0.0	26	56
GV1-9	--	--	15.7	1.5	22	61	GV1-9	--	--	18.6	0.0	26	55
GV1-10X	--	--	15.7	1.7	22	61	**GV1-10X**	--	--	16.2	0.6	25	58
GV1-11	--	--	9.8	0.1	22	68	GV1-11	--	--	12.3	0.2	23	65
GV1-12	--	--	9.6	0.0	24	66	GV1-12	--	--	17.9	0.0	25	57
GV1-13	--	--	16.1	0.8	23	60	GV1-13	--	--	17.9	0.0	28	56
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.47	--	--	--	--	--
GV1b-1	--	--	10.3	6.1	15	69	GV1b-1	--	--	0.2	5.9	11	83
GV1b-2	--	--	8.3	8.6	12	71	GV1b-2	--	--	2.4	13.2	4.7	80
GV1b-3	--	--	13.2	6.4	17	63	GV1b-3	--	--	17.9	11.1	19	52
GV1b-4	--	--	6.2	7.4	14	72	GV1b-4	--	--	2.8	6.9	13	77
GV1b-5	--	50	8.8	7.1	14	70	GV1b-5	--	50	2.9	3.8	18	75
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.22	--	--	--	--	--
GV2-1	--	--	11.4	4.1	17	68	GV2-1	--	--	2.2	13.4	7.7	77
GV2-2	--	68	10.3	4.3	17	68	GV2-2	--	68	0.3	15.0	5.8	79
GV2-3	--	68	10.3	4.6	17	68	GV2-3	--	60	0.7	12.3	12	75
GV2-4	--	80	10.8	4.3	17	68	GV2-4	--	82	6.4	7.7	14	72
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.51	--	--	--	--	--
GV3-1	--	--	59.1	0.0	35	6	GV3-1	--	--	46.8	0.2	32	21
GV3-2	--	--	59.9	0.0	33	7	GV3-2	--	--	41.8	0.6	27	31
GV3-3	--	--	59.7	0.0	34	6	GV3-3	--	--	4.2	12.6	6.7	77
GV3-4	--	60	59.7	0.0	34	6	GV3-4	--	40	6.3	9.6	14	70
GV3-5	--	--	59.1	0.0	34	7	GV3-5	--	--	8.4	4.7	16	71
GV3-6	--	--	49.7	0.9	31	18	GV3-6	--	--	8.5	2.5	16	73
GV3-7	--	--	52.1	0.4	32	16	GV3-7	--	--	4.8	1.1	16	78
GV3-8	--	--	57.0	0.0	33	10	GV3-8	--	--	6.4	1.6	16	76
GV3-9	--	--	56.3	0.5	33	10	GV3-9	--	--	8.3	3.1	15	74
GV3-10 X	--	--	56.0	0.0	33	11	**GV3-10 X**	--	--	0.7	3.6	15	81
GV3-11	--	--	52.9	0.0	32	15	GV3-11	--	--	2.4	2.3	17	78
GV3-12	--	--	53.0	0.3	32	15	GV3-12	--	--	7.3	3.4	17	72
GV3-13	--	--	56.0	0.3	33	11	GV3-13	--	--	9.4	1.2	20	69
GV3-14	--	--	54.3	0.6	32	13	GV3-14	--	--	23.3	0.2	24	53
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.57	--	--	--	--	--
GV4-C	--	64	24.2	4.9	20	51	GV4-C	--	52	0.7	9.4	10	80
GV4-B	--	--	20.4	5.6	18	56	GV4-B	--	--	0.2	5.7	14	80
GV4-A	--	--	20.4	5.4	18	56	GV4-A	--	--	0.8	8.1	13	80
GV4-1	--	--	27.1	2.6	23	47	GV4-1	--	--	7.1	3.6	18	71
GV4-2	--	--	30.3	1.3	25	43	GV4-2	--	--	8.5	9.7	10	72
GV4-3	--	--	32.6	0.3	26	41	GV4-3	--	--	1.9	11.3	9.4	77
GV4-4 X	--	--	0.7	16.1	3.0	80	**GV4-4 X**	--	--	0.1	16.1	1.3	83
GV4-5	--	--	33.6	0.8	27	39	GV4-5	--	--	15.6	4.1	21	59
GV4-6	--	--	34.9	0.0	28	37	GV4-6	--	--	2.8	7.6	10	80
GV4-7	--	--	40.1	0.0	29	31	GV4-7	--	--	21.1	6.1	22	51
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.68	--	--	--	--	--
GV5-1	--	80	28.7	0.0	28.0	43	GV5-1	--	80	15.8	3.2	23	58
GV5-2	--	--	46.0	0.0	30.0	24	GV5-2	--	--	11.6	5.3	18	65
GV5-3	--	--	27.8	0.0	26.0	46	GV5-3	--	--	16.3	2.0	25	57
GV5-4	--	--	36.3	0.0	27.0	37	GV5-4	--	--	6.2	3.5	17	73
GV5-5	--	--	36.5	0.0	27.0	37	GV5-5	--	--	18.6	0.9	27	54
GV5-6	--	--	36.6	0.0	27.0	36	GV5-6	--	--	2.2	2.5	18	77
GV5-7	--	--	38.2	0.0	27.0	37	GV5-7	--	--	9.1	2.3	22	67
GV5-8	--	--	1.3	15.5	4.2	79	GV5-8	--	--	0.7	6.9	9.4	83
GV5-9	--	--	2.9	12.4	7.7	77	GV5-9	--	--	4.9	4.2	16	75

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed, and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 10 - Dec 16, 2012						Week of:	Dec 24 - Dec 30, 2012					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	3.4	11.8	10	75	EW-1	-0.86	--	13.6	2.0	24	60
EW-2	--	--	0.0	18.8	7.8	73	EW-2	-0.63	--	0.1	14.4	7.5	78
EW-3	--	--	23.2	3.1	26	48	EW-3	-0.34	--	16.3	4.1	22	58
EW-4	--	--	37.0	0.0	31	32	EW-4	--	--	18.6	0.0	25	56
EW-5	--	--	38.6	0.0	31	30	EW-5	--	--	35.5	0.0	30	35
EW-6	--	--	33.3	0.0	31	36	EW-6	--	--	30.3	0.0	28	42
EW-7	--	--	28.1	0.0	26	46	EW-7	--	--	22.9	0.0	26	51
EW-8	--	--	35.8	0.0	31	33	EW-8	--	--	28.5	0.0	29	43
EW-9	--	--	38.3	0.0	32	30	EW-9	--	--	36.0	0.0	31	33
EW-10	--	--	32.0	1.7	29	37	EW-10	--	--	1.1	7.0	9.4	83
EW-11	--	--	3.3	11.2	10	76	EW-11	-0.79	--	0.1	18.7	0.8	80
EW-12	--	--	0.0	18.1	0.8	81	EW-12	-1.05	--	0.7	18.2	2.0	79
SW1	--	--	32.8	0.0	29	38	SW1	--	--	34.2	0.0	33	33
SW2	--	--	36.4	0.0	30	34	SW2	--	--	30.1	0.0	31	39
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	26.7	3.5	25	45	NW1	--	--	15.8	8.2	26	50
NW2	--	--	40.3	0.0	34	26	NW2	--	--	42.6	0.3	34	23
NW3	--	--	38.3	3.4	34	24	NW3	--	--	41.9	0.0	34	24
NW4	--	--	12.3	10.8	16	61	NW4	--	--	18.5	0.0	26	56
NW5	--	--	20.3	4.7	26	49	NW5	--	--	32.0	0.3	26	42
NW6	--	--	20.1	0.0	35	45	NW6	--	--	35.0	0.0	35	30
NW7	--	--	59.8	0.0	39	2	NW7	--	--	62.9	0.0	37	0
NW8	--	--	1.6	19.2	4.1	75	NW8	--	--	14.0	0.0	25	61
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

February 8, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #216 – January 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for January 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #216 – January 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of January 2013 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (February 2013)

- Develop Monthly Progress Report #216 summarizing activities in January 2013;
- Conduct the First Quarter 2013 combustible gas indicator (CGI) checks; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (February 2013)

- February10 - Anticipated submittal of the January 2013 MPR to U.S. EPA; and,
- Mid-February - Conduct CGI checks.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	01/10	U.S. EPA	Monthly Progress Report for the Month of December 2012

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/15/2013

Subject: LFG Monitoring Summary - Week of 01/07/13 - 01/13/13

Summary: All CPs remained in compliance this two week period.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 mins. ON and 1140 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 13, 2013 with temps of 59 to 63°F and cloudy conditions.
Vacuum readings were last taken on December 28, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/7/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/8/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/9/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/10/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/11/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/12/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/13/2013	--	--	9:30	--	--	2:30	--	--	5.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/7/2013	--	--	--	--	--
1/8/2013	--	--	--	--	--
1/9/2013	--	--	--	--	--
1/10/2013	--	--	--	--	--
1/11/2013	--	--	--	--	--
1/12/2013	CPs 1-5, TGP/GPs	12:00 - 4:00P	0.0	29.92 - 29.93	S
1/13/2013	GVs 1-5, E&SW, TGP/GP	11:30A - 3:30P	0.0	30.01 - 29.98	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Jan		8-Jan		9-Jan		10-Jan		11-Jan		12-Jan		13-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	13.7	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	13.6	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	14.4	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	15.5	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	14.9	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	7-Jan		8-Jan		9-Jan		10-Jan		11-Jan		12-Jan		13-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	9.7
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.4
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	14.1	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 24 - Dec 30, 2012						Week of:	Jan 07 - Jan 13, 2013					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-2.17	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	34	11.1	0.1	24	65	GV1-1	--	--	16.6	0.0	25	58
GV1-2	--	--	23.7	0.0	26	50	GV1-2	--	--	29.2	0.0	27	44
GV1-3	--	--	21.4	0.0	28	51	GV1-3	--	--	27.7	0.0	25	47
GV1-4	--	--	29.9	0.0	30	40	GV1-4	--	--	22.7	0.0	25	52
GV1-5	--	--	23.6	0.0	29	47	GV1-5	--	--	18.7	0.0	23	58
GV1-6	--	--	18.5	0.0	26	56	GV1-6	--	--	25.0	0.0	28	47
GV1-7	--	32	0.7	9.4	4.5	85	GV1-7	--	58	0.4	7.8	9.1	83
GV1-8	--	--	18.2	0.0	26	56	GV1-8	--	--	18.5	0.0	25	57
GV1-9	--	--	18.6	0.0	26	55	GV1-9	--	--	18.9	0.0	25	56
GV1-10X	--	--	16.2	0.8	25	58	**GV1-10X**	--	--	15.3	0.2	24	61
GV1-11	--	--	12.3	0.2	23	65	GV1-11	--	--	11.5	1.9	22	65
GV1-12	--	--	17.9	0.0	25	57	GV1-12	--	--	16.3	0.0	24	60
GV1-13	--	--	17.9	0.0	26	56	GV1-13	--	--	16.4	0.0	24	60
LEG 1b	-1.47	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.2	5.9	11	83	GV1b-1	--	--	0.6	6.2	9.1	84
GV1b-2	--	--	2.4	13.2	4.7	80	GV1b-2	--	--	2.4	12.6	8.7	76
GV1b-3	--	--	17.9	11.1	19	52	GV1b-3	--	--	12.8	6.9	14.0	66
GV1b-4	--	--	2.8	6.9	13	77	GV1b-4	--	--	3.1	8.2	8.8	80
GV1b-5	--	50	2.9	3.8	18	75	GV1b-5	--	56	2.2	10.1	11	77
LEG 2	-0.22	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.2	13.4	7.7	77	GV2-1	--	--	2.6	9.6	9.7	78
GV2-2	--	68	0.3	15.0	5.8	79	GV2-2	--	80	1.9	9.0	12	78
GV2-3	--	60	0.7	12.3	12	75	GV2-3	--	82	1.8	8.7	16	73
GV2-4	--	82	6.4	7.7	14	72	GV2-4	--	88	4.3	4.4	16	76
LEG 3	-0.51	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	46.8	0.2	32	21	GV3-1	--	--	49.9	0.1	32	18
GV3-2	--	--	41.8	0.6	27	31	GV3-2	--	--	50.5	0.0	32	18
GV3-3	--	--	4.2	12.6	6.7	77	GV3-3	--	--	5.5	7.3	28	59
GV3-4	--	40	6.3	9.6	14	70	GV3-4	--	60	3.9	8.1	27	61
GV3-5	--	--	8.4	4.7	16	71	GV3-5	--	--	3.4	7.0	27	63
GV3-6	--	--	8.5	2.5	16	73	GV3-6	--	--	3.9	8.1	27	61
GV3-7	--	--	4.8	1.1	16	78	GV3-7	--	--	2.2	0.0	28	72
GV3-8	--	--	6.4	1.6	16	76	GV3-8	--	--	9.3	0.2	25	66
GV3-9	--	--	8.3	3.1	15	74	GV3-9	--	--	3.9	0.2	26	70
GV3-10 X	--	--	0.7	3.6	15	81	**GV3-10 X**	--	--	1.8	7.6	16	75
GV3-11	--	--	2.4	2.3	17	78	GV3-11	--	--	2.2	9.3	14	75
GV3-12	--	--	7.3	3.4	17	72	GV3-12	--	--	8.5	8.8	13	70
GV3-13	--	--	9.4	1.2	20	69	GV3-13	--	--	8.4	8.7	15	70
GV3-14	--	--	23.3	0.2	24	53	GV3-14	--	--	22.2	8.2	15	57
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.57	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	52	0.7	9.4	10	80	GV4-C	--	84	5.2	6.9	14	74
GV4-B	--	--	0.2	5.7	14	80	GV4-B	--	--	4.9	8.9	14	74
GV4-A	--	--	0.8	6.1	13	80	GV4-A	--	--	5.1	7.1	15	73
GV4-1	--	--	7.1	3.6	18	71	GV4-1	--	--	5.0	7.2	14	74
GV4-2	--	--	8.5	9.7	10	72	GV4-2	--	--	4.7	7.1	14	74
GV4-3	--	--	1.9	11.3	9.4	77	GV4-3	--	--	4.4	7.0	14	75
GV4-4 X	--	--	0.1	16.1	1.3	83	**GV4-4 X**	--	--	0.0	14.1	3.7	82
GV4-5	--	--	15.6	4.1	21	59	GV4-5	--	--	5.0	7.0	16	72
GV4-6	--	--	2.8	7.6	10	80	GV4-6	--	--	3.4	10.6	10	76
GV4-7	--	--	21.1	6.1	22	51	GV4-7	--	--	4.3	8.2	14	74
LEG 5	-0.68	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	15.8	3.2	23	58	GV5-1	--	80	21.4	3.9	24	51
GV5-2	--	--	11.8	5.3	18	65	GV5-2	--	--	55.8	0.0	35	9
GV5-3	--	--	16.3	2.0	25	57	GV5-3	--	--	47.1	0.6	34	18
GV5-4	--	--	6.2	3.5	17	73	GV5-4	--	--	46.7	2.2	34	17
GV5-5	--	--	18.6	0.9	27	54	GV5-5	--	--	52.8	0.3	35	12
GV5-6	--	--	2.2	2.5	18	77	GV5-6	--	--	50.1	0.4	34	16
GV5-7	--	--	9.1	2.3	22	67	GV5-7	--	--	33.7	0.2	36	30
GV5-8	--	--	0.7	8.9	9.4	83	GV5-8	--	--	32.8	0.3	31	36
GV5-9	--	--	4.9	4.2	16	75	GV5-9	--	--	24.1	0.9	27	48

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Dec 24 - Dec 30, 2012						Week of:	Jan 07 - Jan 13, 2013					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	3.4	11.8	10	75	EW-1	--	--	1.5	13.1	7	79
EW-2	--	--	0.0	18.8	7.8	73	EW-2	--	--	3.1	3.5	14	80
EW-3	--	--	23.2	3.1	26	48	EW-3	--	--	5.5	2.0	20	73
EW-4	--	--	37.0	0.0	31	32	EW-4	--	--	34.1	0.0	34	32
EW-5	--	--	38.6	0.0	31	30	EW-5	--	--	30.3	0.0	29	41
EW-6	--	--	33.3	0.0	31	36	EW-6	--	--	31.1	0.0	28	41
EW-7	--	--	28.1	0.0	26	46	EW-7	--	--	29.2	0.0	28	43
EW-8	--	--	35.6	0.0	31	33	EW-8	--	--	37.9	0.0	32	30
EW-9	--	--	38.3	0.0	32	30	EW-9	--	--	36.9	0.0	32	31
EW-10	--	--	32.0	1.7	29	37	EW-10	--	--	2.0	4.1	18	76
EW-11	--	--	3.3	11.2	10	76	EW-11	--	--	1.5	16.5	11	71
EW-12	--	--	0.0	18.1	0.8	81	EW-12	--	--	1.4	15.8	6.2	77
SW1	--	--	32.8	0.0	29	38	SW1	--	--	34.5	0.0	34	32
SW2	--	--	36.4	0.0	30	34	SW2	--	--	36.8	0.0	35	28
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	26.7	3.5	25	45	NW1	--	--	24.1	0.0	31	45
NW2	--	--	40.3	0.0	34	26	NW2	--	--	37.2	0.0	33	30
NW3	--	--	38.3	3.4	34	24	NW3	--	--	48.3	0.0	33	19
NW4	--	--	12.3	10.8	16	61	NW4	--	--	15.9	0.0	18	66
NW5	--	--	20.3	4.7	26	49	NW5	--	--	21.8	0.0	26	52
NW6	--	--	20.1	0.0	35	45	NW6	--	--	21.2	0.0	31	48
NW7	--	--	58.8	0.0	38	2	NW7	--	--	57.8	0.0	38	4
NW8	--	--	1.6	19.2	4.1	75	NW8	--	--	16.9	0.0	22	61
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 1/31/2013

Subject: LFG Monitoring Summary - Week of 01/21/13 - 01/27/13

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 300 mins. ON and 1140 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed January 25, 2013 with temps of 18 to 23°F and snow to cloudy conditions.
Vacuum readings were last taken on December 28, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
1/21/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/22/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/23/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/24/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/25/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/26/2013	--	--	9:30	--	--	2:30	--	--	5.0
1/27/2013	--	--	9:30#	--	--	--	--	--	0.0
								Total Hrs. =	30.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
1/21/2013	--	--	--	--	--
1/22/2013	--	--	--	--	--
1/23/2013	--	--	--	--	--
1/24/2013	--	--	--	--	--
1/25/2013	CPs 1-5, TGP/GPs, E&SW	09:00A - 4:00P	0.0	30.21 - 30.06	F
1/26/2013	--	--	--	--	--
1/27/2013	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	21-Jan		22-Jan		23-Jan		24-Jan		25-Jan		26-Jan		27-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	14.4	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	NS	--	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	NS	--	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	NS	--	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	NS	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	NS	--	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	NS	--	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face** Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	21-Jan		22-Jan		23-Jan		24-Jan		25-Jan		26-Jan		27-Jan	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	15.8	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	6.2	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 07 - Jan 13, 2013						Week of:	Jan 21 - Jan 27, 2013					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	--	16.6	0.0	25	58	GV1-1	--	--	21.4	0.2	27	51
GV1-2	--	--	29.2	0.0	27	44	GV1-2	--	--	22.4	3.4	26	48
GV1-3	--	--	27.7	0.0	25	47	GV1-3	--	--	29.0	3.1	30	38
GV1-4	--	--	22.7	0.0	25	52	GV1-4	--	--	32.2	0.0	29	39
GV1-5	--	--	18.7	0.0	23	58	GV1-5	--	--	28.7	0.7	29	42
GV1-6	--	--	25.0	0.0	28	47	GV1-6	--	--	27.2	0.0	29	44
GV1-7	--	58	0.4	7.8	9.1	83	GV1-7	--	38	0.8	12.8	6.8	80
GV1-8	--	--	18.5	0.0	25	57	GV1-8	--	--	22.6	0.3	27	50
GV1-9	--	--	18.9	0.0	25	56	GV1-9	--	--	19.7	1.8	26	53
GV1-10X	--	--	15.3	0.2	24	61	**GV1-10X**	--	--	19.4	1.3	25	54
GV1-11	--	--	11.5	1.9	22	65	GV1-11	--	--	10.6	0.4	21	68
GV1-12	--	--	16.3	0.0	24	60	GV1-12	--	--	21.4	0.0	25	54
GV1-13	--	--	16.4	0.0	24	60	GV1-13	--	--	22.0	0.0	27	51
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.8	6.2	9.1	84	GV1b-1	--	--	0.2	10.0	12	78
GV1b-2	--	--	2.4	12.8	8.7	76	GV1b-2	--	--	1.8	17.0	3.9	77
GV1b-3	--	--	12.8	6.9	14.0	66	GV1b-3	--	--	12.4	13.8	11	63
GV1b-4	--	--	3.1	8.2	8.6	80	GV1b-4	--	--	3.2	12.5	9.1	75
GV1b-5	--	56	2.2	10.1	11	77	GV1b-5	--	26	1.1	12.0	9.2	78
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.6	9.6	9.7	78	GV2-1	--	--	2.6	10.8	10	77
GV2-2	--	80	1.9	9.0	12	76	GV2-2	--	80	0.4	13.0	6.0	81
GV2-3	--	82	1.8	8.7	16	73	GV2-3	--	82	1.5	12.7	11	75
GV2-4	--	88	4.3	4.4	16	76	GV2-4	--	88	5.4	8.1	12	75
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	49.9	0.1	32	18	GV3-1	--	--	--	--	--	--
GV3-2	--	--	50.5	0.0	32	18	GV3-2	--	--	43.3	2.4	26	28
GV3-3	--	--	5.5	7.3	28	59	GV3-3	--	--	9.8	9.2	13	68
GV3-4	--	60	3.9	8.1	27	61	GV3-4	--	60	14.4	4.2	11	70
GV3-5	--	--	3.4	7.0	27	63	GV3-5	--	--	7.8	4.3	14	74
GV3-6	--	--	3.9	8.1	27	61	GV3-6	--	--	7.2	1.5	15	76
GV3-7	--	--	2.2	0.0	26	72	GV3-7	--	--	3.3	0.3	15	81
GV3-8	--	--	9.3	0.2	25	66	GV3-8	--	--	1.7	3.2	12	83
GV3-9	--	--	3.9	0.2	26	70	GV3-9	--	--	7.3	4.3	14	74
GV3-10 X	--	--	1.8	7.6	16	75	**GV3-10 X**	--	--	0.4	4.9	13	82
GV3-11	--	--	2.2	9.3	14	75	GV3-11	--	--	2.9	3.1	16	78
GV3-12	--	--	8.5	8.8	13	70	GV3-12	--	--	9.2	2.8	16	72
GV3-13	--	--	8.4	6.7	15	70	GV3-13	--	--	15.9	0.8	20	63
GV3-14	--	--	22.2	6.2	15	57	GV3-14	--	--	24.3	0.5	23	52
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	64	5.2	6.9	14	74	GV4-C	--	64	0.6	6.8	10	83
GV4-B	--	--	4.9	6.9	14	74	GV4-B	--	--	0.3	8.2	12	80
GV4-A	--	--	5.1	7.1	15	73	GV4-A	--	--	0.9	3.7	18	79
GV4-1	--	--	5.0	7.2	14	74	GV4-1	--	--	6.0	1.6	16	76
GV4-2	--	--	4.7	7.1	14	74	GV4-2	--	--	13.2	3.2	13	71
GV4-3	--	--	4.4	7.0	14	75	GV4-3	--	--	3.5	9.5	10	77
GV4-4 X	--	--	0.0	14.1	3.7	82	**GV4-4 X**	--	--	0.0	19.5	10	71
GV4-5	--	--	5.0	7.0	16	72	GV4-5	--	--	19.5	0.3	20	60
GV4-6	--	--	3.4	10.6	10	76	GV4-6	--	--	3.1	7.8	10	79
GV4-7	--	--	4.3	8.2	14	74	GV4-7	--	--	23.3	3.9	21	52
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	21.4	3.9	24	51	GV5-1	--	80	9.9	9.2	13	68
GV5-2	--	--	55.8	0.0	35	9	GV5-2	--	--	10.2	8.4	14	67
GV5-3	--	--	47.1	0.6	34	18	GV5-3	--	--	10.6	6.8	16	67
GV5-4	--	--	46.7	2.2	34	17	GV5-4	--	--	2.9	12.8	8.0	76
GV5-5	--	--	52.8	0.3	35	12	GV5-5	--	--	18.3	1.5	25	55
GV5-6	--	--	50.1	0.4	34	16	GV5-6	--	--	2.4	5.0	13	80
GV5-7	--	--	33.7	0.2	36	30	GV5-7	--	--	1.8	0.3	19	79
GV5-8	--	--	32.8	0.3	31	36	GV5-8	--	--	9.8	9.0	18	63
GV5-9	--	--	24.1	0.9	27	48	GV5-9	--	--	10.4	10.5	19	60

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 07 - Jan 13, 2013						Week of:	Jan 21 - Jan 27, 2013					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	1.5	13.1	7	79	EW-1	--	--	13.3	5.3	11	70
EW-2	--	--	3.1	3.5	14	80	EW-2	--	--	0.1	17.0	5.9	77
EW-3	--	--	5.5	2.0	20	73	EW-3	--	--	15.8	2.4	21	61
EW-4	--	--	34.1	0.0	34	32	EW-4	--	--	23.2	0.8	26	50
EW-5	--	--	30.3	0.0	29	41	EW-5	--	--	28.1	0.0	26	46
EW-6	--	--	31.1	0.0	28	41	EW-6	--	--	24.3	0.9	24	51
EW-7	--	--	29.2	0.0	28	43	EW-7	--	--	22.6	0.6	22	55
EW-8	--	--	37.8	0.0	32	30	EW-8	--	--	29.2	1.0	23	47
EW-9	--	--	36.9	0.0	32	31	EW-9	--	--	35.5	6.7	30	28
EW-10	--	--	2.0	4.1	18	76	EW-10	--	--	1.1	20.0	9.4	70
EW-11	--	--	1.5	16.5	11	71	EW-11	--	--	1.4	17.8	1.9	79
EW-12	--	--	1.4	15.8	6.2	77	EW-12	--	--	0.1	0.2	0.3	99
SW1	--	--	34.5	0.0	34	32	SW1	--	--	36.0	0.0	32	32
SW2	--	--	38.8	0.0	35	28	SW2	--	--	37.1	0.0	32	31
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	24.1	0.0	31	45	NW1	--	--	24.5	0.0	27	49
NW2	--	--	37.2	0.0	33	30	NW2	--	--	45.8	0.0	36	18
NW3	--	--	48.3	0.0	33	19	NW3	--	--	41.9	0.0	33	25
NW4	--	--	15.9	0.0	18	66	NW4	--	--	17.8	0.0	23	59
NW5	--	--	21.8	0.0	26	52	NW5	--	--	23.2	0.3	24	53
NW6	--	--	21.2	0.0	31	48	NW6	--	--	41.6	0.0	35	23
NW7	--	--	57.6	0.0	38	4	NW7	--	--	58.6	0.0	34	7
NW8	--	--	16.9	0.0	22	61	NW8	--	--	15.4	4.7	23	57
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

March 8, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #217 – February 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for February 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

PAPER

Monthly Progress Report
Report #217 – February 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of February 2013 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (March 2013)

- Develop Monthly Progress Report #217 summarizing activities in February 2013;
- Conduct the First Quarter 2013 combustible gas indicator (CGI) checks; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (March 2013)

- March10 - Anticipated submittal of the February 2013 MPR to U.S. EPA; and,
- March 5 - Conduct CGI checks.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	02/08	U.S. EPA	Monthly Progress Report for the Month of January 2013

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/15/2013

Subject: LFG Monitoring Summary - Week of 02/04/13 - 02/10/13

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 7, 2013 with temps of 35 to 44°F and partly cloudy conditions.
Vacuum readings were last taken on December 28, 2012.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/4/2013	--	--	--	--	12:00	12:30	--	--	0.5
2/5/2013	--	--	8:00	--	--	12:30	--	--	4.5
2/6/2013	--	--	8:00#	--	--	--	--	--	0.0
2/7/2013	--	--	8:00	--	--	12:30	--	--	4.5
2/8/2013	--	--	8:00#	--	--	--	--	--	0.0
2/9/2013	--	--	9:30	--	--	12:30	--	--	3.0
2/10/2013	--	--	8:00#	--	--	--	--	--	0.0
								Total Hrs. =	12.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 90 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/4/2013	--	--	--	--	--
2/5/2013	--	--	--	--	--
2/6/2013	--	--	--	--	--
2/7/2013	CPs 1-5, TGP/GPs, E&SW	09:00A - 4:30P	0.0	30.18 - 29.96	F
2/8/2013	--	--	--	--	--
2/9/2013	--	--	--	--	--
2/10/2013	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Feb		5-Feb		6-Feb		7-Feb		8-Feb		9-Feb		10-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	0.0	12.6	--	--	--	--	--	--
CP1-2	--	--	--	--	--	--	0.0	13.0	--	--	--	--	--	--
CP1-3	--	--	--	--	--	--	0.0	13.5	--	--	--	--	--	--
CP1-4	--	--	--	--	--	--	0.0	13.6	--	--	--	--	--	--
CP1-5	--	--	--	--	--	--	0.0	14.2	--	--	--	--	--	--
CP1-7	--	--	--	--	--	--	0.0	15.2	--	--	--	--	--	--
CP1-9	--	--	--	--	--	--	0.0	16.8	--	--	--	--	--	--
CP1-11	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--
CP1-13	--	--	--	--	--	--	0.0	17.4	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP1b-2R	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP1b-4R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP1b-6R	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP1b-E	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
TGP1b-A	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP1b-F	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP1b-B	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP1b-G	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP1b-C	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
TGP1b-H	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP1b-D	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
GP-03	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-82	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
GP-04	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-83	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP2-1	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP2-2	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP2-4R	--	--	--	--	--	--	0.0	19.5	--	--	--	--	--	--
CP2-5R	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP-6R	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP2-7	--	--	--	--	--	--	0.0	18.1	--	--	--	--	--	--
CP2-9	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
TGP-06	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-East	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-Dads	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
CP3-1RR	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-2R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-4R	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
CP3-5R	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP3-7R	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-8R	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
CP3-9	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
CP3-10R	--	--	--	--	--	--	0.0	19.7	--	--	--	--	--	--
CP3-12R	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP3-13R	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
CP3-14R	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
CP3-15R	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-89	--	--	--	--	--	--	0.0	18.9	--	--	--	--	--	--
CP4-A	--	--	--	--	--	--	0.0	18.8	--	--	--	--	--	--
CP4-B	--	--	--	--	--	--	0.0	19.1	--	--	--	--	--	--
CP4-C	--	--	--	--	--	--	0.0	20.0	--	--	--	--	--	--
CP4-1	--	--	--	--	--	--	0.0	13.8	--	--	--	--	--	--
CP4-2	--	--	--	--	--	--	0.0	14.8	--	--	--	--	--	--
CP4-3	--	--	--	--	--	--	0.0	16.1	--	--	--	--	--	--
CP4-4	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
CP4-6	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
CP5-1R	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
CP5-3R	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
CP5-4R	--	--	--	--	--	--	0.0	17.3	--	--	--	--	--	--
CP5-6	--	--	--	--	--	--	0.0	17.1	--	--	--	--	--	--
CP5-8	--	--	--	--	--	--	0.0	16.9	--	--	--	--	--	--

Notes. (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Feb		5-Feb		6-Feb		7-Feb		8-Feb		9-Feb		10-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	18.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	0.0	16.3	--	--	--	--	--	--
TGP-63	--	--	--	--	--	--	0.0	17.8	--	--	--	--	--	--
TGP-57	--	--	--	--	--	--	0.0	19.2	--	--	--	--	--	--
TGP-62	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
GP-12	--	--	--	--	--	--	0.0	18.6	--	--	--	--	--	--
TGP-60	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-65	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
TGP-66	--	--	--	--	--	--	0.0	18.3	--	--	--	--	--	--
TGP-67	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
TGP-68	--	--	--	--	--	--	0.0	14.9	--	--	--	--	--	--
TGP-53	--	--	--	--	--	--	0.0	15.0	--	--	--	--	--	--
TGP-59	--	--	--	--	--	--	0.0	19.4	--	--	--	--	--	--
TGP-58	--	--	--	--	--	--	0.0	19.3	--	--	--	--	--	--
GP-14	--	--	--	--	--	--	0.0	19.8	--	--	--	--	--	--
TGP-87	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-88	--	--	--	--	--	--	0.0	20.1	--	--	--	--	--	--
TGP-69	--	--	--	--	--	--	0.0	19.9	--	--	--	--	--	--
TGP-90	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
GP-17	--	--	--	--	--	--	0.0	16.6	--	--	--	--	--	--
TGP-91	--	--	--	--	--	--	0.0	17.9	--	--	--	--	--	--
GP-18	--	--	--	--	--	--	0.0	19.6	--	--	--	--	--	--
TGP-73	--	--	--	--	--	--	0.0	19.0	--	--	--	--	--	--
TGP-74	--	--	--	--	--	--	0.0	18.4	--	--	--	--	--	--
TGP-84	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-75	--	--	--	--	--	--	0.0	11.7	--	--	--	--	--	--
TGP-85	--	--	--	--	--	--	0.0	16.2	--	--	--	--	--	--
TGP-72	--	--	--	--	--	--	0.0	15.1	--	--	--	--	--	--
TGP-86	--	--	--	--	--	--	0.0	17.2	--	--	--	--	--	--
TGP-32	--	--	--	--	--	--	0.0	10.1	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling Instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 21 - Jan 27						Week of:	Feb 04 - Feb 10					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	--	21.4	0.2	27	51	GV1-1	--	--	28.6	2.4	30	39
GV1-2	--	--	22.4	3.4	26	48	GV1-2	--	--	27.1	1.6	29	42
GV1-3	--	--	29.0	3.1	30	38	GV1-3	--	--	30.6	2.7	29	38
GV1-4	--	--	32.2	0.0	29	39	GV1-4	--	--	33.2	0.4	30	36
GV1-5	--	--	28.7	0.7	29	42	GV1-5	--	--	31.0	0.0	29	40
GV1-6	--	--	27.2	0.0	29	44	GV1-6	--	--	31.3	0.5	29	39
GV1-7	--	38	0.8	12.8	6.8	80	GV1-7	--	40	0.2	16.8	1.5	82
GV1-8	--	--	22.6	0.3	27	50	GV1-8	--	--	32.1	0.5	29	38
GV1-9	--	--	19.7	1.8	26	53	GV1-9	--	--	31.8	0.5	29	39
GV1-10X	--	--	19.4	1.3	25	54	**GV1-10X**	--	--	31.5	0.6	29	39
GV1-11	--	--	10.6	0.4	21	68	GV1-11	--	--	10.1	0.3	20	70
GV1-12	--	--	21.4	0.0	25	54	GV1-12	--	--	29.7	0.2	28	42
GV1-13	--	--	22.0	0.0	27	51	GV1-13	--	--	31.3	0.8	29	39
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.2	10.0	12	78	GV1b-1	--	--	0.2	5.0	11	84
GV1b-2	--	--	1.8	17.0	3.9	77	GV1b-2	--	--	0.9	16.3	2.0	81
GV1b-3	--	--	12.4	13.6	11	63	GV1b-3	--	--	4.3	11.5	10	74
GV1b-4	--	--	3.2	12.5	9.1	75	GV1b-4	--	--	1.0	5.1	12	82
GV1b-5	--	26	1.1	12.0	9.2	78	GV1b-5	--	42	0.5	8.9	11	80
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.6	10.6	10	77	GV2-1	--	--	0.4	19.4	1.4	79
GV2-2	--	80	0.4	13.0	6.0	81	GV2-2	--	80	0.0	19.6	0.2	80
GV2-3	--	82	1.5	12.7	11	75	GV2-3	--	80	0.0	19.0	0.6	80
GV2-4	--	88	5.4	8.1	12	75	GV2-4	--	80	3.4	7.9	12	77
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	--	--	--	--	GV3-1	--	--	66.5	0.0	21	--
GV3-2	--	--	43.3	2.4	26	28	GV3-2	--	--	53.2	0.5	29	17
GV3-3	--	--	9.8	9.2	13	68	GV3-3	--	--	7.0	14.9	9.0	69
GV3-4	--	80	14.4	4.2	11	70	GV3-4	--	42	15.3	3.0	18	64
GV3-5	--	--	7.6	4.3	14	74	GV3-5	--	--	6.3	5.4	12	76
GV3-6	--	--	7.2	1.5	15	76	GV3-6	--	--	5.6	1.4	15	78
GV3-7	--	--	3.3	0.3	15	81	GV3-7	--	--	2.3	10.1	14	74
GV3-8	--	--	1.7	3.2	12	83	GV3-8	--	--	0.9	6.4	11	82
GV3-9	--	--	7.3	4.3	14	74	GV3-9	--	--	6.5	5.4	12	76
GV3-10 X	--	--	0.4	4.9	13	82	**GV3-10 X**	--	--	0.5	3.8	13	83
GV3-11	--	--	2.9	3.1	16	78	GV3-11	--	--	3.9	10.1	16	70
GV3-12	--	--	9.2	2.8	16	72	GV3-12	--	--	10.5	2.4	16	71
GV3-13	--	--	15.9	0.8	20	63	GV3-13	--	--	10.8	0.7	18	71
GV3-14	--	--	24.3	0.5	23	52	GV3-14	--	--	26.7	0.0	23	50
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	64	0.6	6.8	10	83	GV4-C	--	64	0.5	8.0	10	82
GV4-B	--	--	0.3	8.2	12	80	GV4-B	--	--	0.1	5.0	13	82
GV4-A	--	--	0.9	3.7	16	79	GV4-A	--	--	0.5	7.1	11	81
GV4-1	--	--	6.0	1.6	16	76	GV4-1	--	--	5.2	4.5	12	78
GV4-2	--	--	13.2	3.2	13	71	GV4-2	--	--	18.5	7.0	17	58
GV4-3	--	--	3.5	9.5	10	77	GV4-3	--	--	5.5	8.0	11	76
GV4-4 X	--	--	0.0	19.5	10	71	**GV4-4 X**	--	--	0.0	19.9	0.1	80
GV4-5	--	--	19.5	0.3	20	60	GV4-5	--	--	19.8	2.8	19	58
GV4-6	--	--	3.1	7.8	10	79	GV4-6	--	--	4.2	5.5	13	77
GV4-7	--	--	23.3	3.9	21	52	GV4-7	--	--	24.1	1.8	22	52
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	80	9.9	9.2	13	68	GV5-1	--	80	0.2	17.3	2.9	80
GV5-2	--	--	10.2	8.4	14	67	GV5-2	--	--	0.2	17.4	2.7	80
GV5-3	--	--	10.6	6.8	16	67	GV5-3	--	--	0.1	16.5	4.1	79
GV5-4	--	--	2.9	12.8	8.0	76	GV5-4	--	--	0.2	16.1	4.3	79
GV5-5	--	--	18.3	1.5	25	55	GV5-5	--	--	4.5	4.0	10	82
GV5-6	--	--	2.4	5.0	13	80	GV5-6	--	--	1.1	11.7	5.5	82
GV5-7	--	--	1.8	0.3	19	79	GV5-7	--	--	0.3	6.8	12	81
GV5-8	--	--	9.8	9.0	18	63	GV5-8	--	--	4.8	8.1	11	76
GV5-9	--	--	10.4	10.5	19	60	GV5-9	--	--	7.1	4.2	15	74

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jan 21 - Jan 27						Week of:	Feb 04 - Feb 10					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	13.3	5.3	11	70	EW-1	--	--	10.7	4.7	19	66
EW-2	--	--	0.1	17.0	5.9	77	EW-2	--	--	0.0	13.6	6.6	80
EW-3	--	--	15.8	2.4	21	61	EW-3	--	--	13.5	2.2	20	64
EW-4	--	--	23.2	0.6	26	50	EW-4	--	--	23.6	0.0	25	51
EW-5	--	--	28.1	0.0	26	46	EW-5	--	--	25.1	0.0	25	50
EW-6	--	--	24.3	0.9	24	51	EW-6	--	--	23.5	0.0	24	53
EW-7	--	--	22.6	0.6	22	55	EW-7	--	--	22.6	0.0	24	53
EW-8	--	--	29.2	1.0	23	47	EW-8	--	--	28.1	0.0	24	48
EW-9	--	--	35.5	6.7	30	28	EW-9	--	--	34.3	4.5	30	31
EW-10	--	--	1.1	20.0	9.4	70	EW-10	--	--	1.3	19.0	10	70
EW-11	--	--	1.4	17.8	1.9	79	EW-11	--	--	0.5	19.9	2.0	78
EW-12	--	--	0.1	0.2	0.3	99	EW-12	--	--	0.0	0.0	0.6	99
SW1	--	--	36.0	0.0	32	32	SW1	--	--	34.2	0.0	31	35
SW2	--	--	37.1	0.0	32	31	SW2	--	--	34.0	0.0	30	36
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	24.5	0.0	27	49	NW1	--	--	6.4	13.1	9.1	71
NW2	--	--	45.6	0.0	36	18	NW2	--	--	20.9	11.0	16	52
NW3	--	--	41.9	0.0	33	25	NW3	--	--	41.2	0.0	32	27
NW4	--	--	17.6	0.0	23	59	NW4	--	--	16.7	0.0	22	61
NW5	--	--	23.2	0.3	24	53	NW5	--	--	3.1	16.8	4.4	76
NW6	--	--	41.6	0.0	35	23	NW6	--	--	12.0	14.5	11	63
NW7	--	--	58.6	0.0	34	7	NW7	--	--	24.4	11.6	15	49
NW8	--	--	15.4	4.7	23	57	NW8	--	--	14.4	0.0	23	63
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 2/28/2013

Subject: LFG Monitoring Summary - Week of 02/18/13 - 02/24/13

Summary: All CPs remained in compliance this two week period.
There were three (3) flare flame failures due to low methane or other issues.
Flare operating cycles were programmed to be 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed February 24, 2013 with temps of 33 to 37°F and overcast conditions.
Vacuum readings were last taken on February 24, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
2/18/2013	--	--	8:00	--	--	12:30	--	--	4.5
2/19/2013	--	--	8:00#	--	--	--	--	--	0.0
2/20/2013	--	--	8:00	10:00#	--	--	--	--	2.0
2/21/2013	--	--	--	--	--	--	--	--	0.0
2/22/2013	--	--	10:30	--	--	4:30	--	--	6.0
2/23/2013	--	--	8:00	--	--	3:00	--	--	7.0
2/24/2013	--	--	8:00#	--	2:00	3:00#	--	--	1.0
								Total Hrs. =	20.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 90 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
2/18/2013	--	--	--	--	--
2/19/2013	--	--	--	--	--
2/20/2013	--	--	--	--	--
2/21/2013	--	--	--	--	--
2/22/2013	--	--	--	--	--
2/23/2013	CPs 1-5, TGP/GPs	9:00A - 1:00P	0.0	30.01 - 29.97	F
2/24/2013	TGP/GPs, E&SW	2:00 - 5:30P	0.0	30.13 - 30.15	R

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Feb		19-Feb		20-Feb		21-Feb		22-Feb		23-Feb		24-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-02	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-03	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.9	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	15.1	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	11.1	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location.

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Feb		19-Feb		20-Feb		21-Feb		22-Feb		23-Feb		24-Feb	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	18.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	14.5	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.2	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 04 - Feb 10						Week of:	Feb 18 - Feb 24					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-2.37	--	--	--	--	--
GV1-1	--	--	28.8	2.4	30	39	GV1-1	--	40	14.0	0.3	25	61
GV1-2	--	--	27.1	1.8	29	42	GV1-2	--	--	26.2	5.4	29	39
GV1-3	--	--	30.6	2.7	29	38	GV1-3	--	--	24.7	0.8	29	46
GV1-4	--	--	33.2	0.4	30	36	GV1-4	--	--	29.4	0.6	29	41
GV1-5	--	--	31.0	0.0	29	40	GV1-5	--	--	15.6	3.6	20	61
GV1-6	--	--	31.3	0.5	29	39	GV1-6	--	--	18.0	3.5	25	54
GV1-7	--	40	0.2	16.8	1.5	82	GV1-7	--	--	0.3	11.6	2.5	86
GV1-8	--	--	32.1	0.5	29	38	GV1-8	--	--	10.7	9.5	22	58
GV1-9	--	--	31.8	0.5	29	39	GV1-9	--	--	10.6	3.5	18	68
GV1-10X	--	--	31.5	0.6	29	39	**GV1-10X**	--	--	10.5	4.5	20	65
GV1-11	--	--	10.1	0.3	20	70	GV1-11	--	--	9.4	1.5	21	68
GV1-12	--	--	29.7	0.2	28	42	GV1-12	--	--	13.1	2.3	20	65
GV1-13	--	--	31.3	0.8	29	39	GV1-13	--	--	9.5	1.9	20	69
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.12	--	--	--	--	--
GV1b-1	--	--	0.2	5.0	11	84	GV1b-1	--	--	0.7	6.3	7.0	86
GV1b-2	--	--	0.9	16.3	2.0	81	GV1b-2	--	--	0.3	14.3	1.6	84
GV1b-3	--	--	4.3	11.5	10	74	GV1b-3	--	--	6.5	6.0	11	77
GV1b-4	--	--	1.0	5.1	12	82	GV1b-4	--	--	1.9	9.4	10	79
GV1b-5	--	42	0.5	8.9	11	80	GV1b-5	--	50	1.2	9.2	8.4	81
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.22	--	--	--	--	--
GV2-1	--	--	0.4	19.4	1.4	79	GV2-1	--	--	0.9	4.9	12	82
GV2-2	--	80	0.0	19.6	0.2	80	GV2-2	--	56	0.5	10.0	8.6	81
GV2-3	--	80	0.0	19.0	0.8	80	GV2-3	--	56	0.1	12.2	8.7	79
GV2-4	--	80	3.4	7.9	12	77	GV2-4	--	54	5.9	9.1	14	71
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.37	--	--	--	--	--
GV3-1	--	--	66.5	0.0	21	--	GV3-1	--	--	60.1	1.5	32	6
GV3-2	--	--	53.2	0.5	29	17	GV3-2	--	--	59.8	0.0	32	8
GV3-3	--	--	7.0	14.9	9.0	69	GV3-3	--	--	24.6	1.7	27	47
GV3-4	--	60	15.3	3.0	18	64	GV3-4	--	50	44.1	2.2	27	27
GV3-5	--	--	8.3	5.4	12	76	GV3-5	--	--	37.0	2.4	24	37
GV3-6	--	--	5.6	1.4	15	78	GV3-6	--	--	24.8	5.0	18	52
GV3-7	--	--	2.3	10.1	14	74	GV3-7	--	--	22.8	13.7	18	46
GV3-8	--	--	0.9	6.4	11	82	GV3-8	--	--	10.2	7.6	11	71
GV3-9	--	--	6.5	5.4	12	76	GV3-9	--	--	7.0	8.8	13	71
GV3-10 X	--	--	0.5	3.8	13	83	**GV3-10 X**	--	--	6.5	6.8	13	74
GV3-11	--	--	3.9	10.1	16	70	GV3-11	--	--	10.6	6.2	9.2	74
GV3-12	--	--	10.5	2.4	16	71	GV3-12	--	--	1.8	9.4	10	79
GV3-13	--	--	10.8	0.7	18	71	GV3-13	--	--	2.5	7.5	12	78
GV3-14	--	--	26.7	0.0	23	50	GV3-14	--	--	3.2	4.0	17	76
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.61	--	--	--	--	--
GV4-C	--	64	0.5	8.0	10	82	GV4-C	--	56	1.1	14.8	4.9	79
GV4-B	--	--	0.1	5.0	13	82	GV4-B	--	--	1.6	15.3	5.9	77
GV4-A	--	--	0.5	7.1	11	81	GV4-A	--	--	1.6	14.7	5.0	79
GV4-1	--	--	5.2	4.5	12	78	GV4-1	--	--	4.1	16.3	4.3	75
GV4-2	--	--	18.5	7.0	17	58	GV4-2	--	--	3.8	8.5	11	77
GV4-3	--	--	5.5	8.0	11	76	GV4-3	--	--	0.1	14.4	2.6	83
GV4-4 X	--	--	0.0	19.9	0.1	80	**GV4-4 X**	--	--	15.4	9.0	18	58
GV4-5	--	--	18.8	2.8	19	58	GV4-5	--	--	13.5	7.5	15	64
GV4-6	--	--	4.2	5.5	13	77	GV4-6	--	--	10.4	16.5	11	62
GV4-7	--	--	24.1	1.6	22	52	GV4-7	--	--	25.4	5.4	24	45
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.73	--	--	--	--	--
GV5-1	--	80	0.2	17.3	2.9	80	GV5-1	--	60	0.3	12.9	0.9	86
GV5-2	--	--	0.2	17.4	2.7	80	GV5-2	--	--	0.1	19.7	1.6	79
GV5-3	--	--	0.1	16.5	4.1	79	GV5-3	--	--	0.2	19.5	1.2	79
GV5-4	--	--	0.2	16.1	4.3	79	GV5-4	--	--	0.1	20.2	0.7	79
GV5-5	--	--	4.5	4.0	10	82	GV5-5	--	--	0.1	20.0	0.4	80
GV5-6	--	--	1.1	11.7	5.5	82	GV5-6	--	--	0.1	20.6	0.2	79
GV5-7	--	--	0.3	6.8	12	81	GV5-7	--	--	0.1	20.1	0.9	79
GV5-8	--	--	4.8	8.1	11	76	GV5-8	--	--	0.1	19.7	1.8	78
GV5-9	--	--	7.1	4.2	15	74	GV5-9	--	--	0.1	19.3	1.2	79

Notes. (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Feb 04 - Feb 10						Week of:	Feb 18 - Feb 24					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	10.7	4.7	19	66	EW-1	--	--	14.9	10.9	23	51
EW-2	--	--	0.0	13.6	6.6	80	EW-2	--	--	0.1	15.6	5.5	79
EW-3	--	--	13.5	2.2	20	64	EW-3	--	--	18.2	9.2	20	52
EW-4	--	--	23.6	0.0	25	51	EW-4	--	--	25.2	0.0	25	50
EW-5	--	--	25.1	0.0	25	50	EW-5	--	--	37.4	0.0	30	33
EW-6	--	--	23.5	0.0	24	53	EW 6	--	--	22.2	0.4	23	54
EW-7	--	--	22.6	0.0	24	53	EW-7	--	--	19.1	2.0	22	57
EW-8	--	--	28.1	0.0	24	48	EW-8	--	--	27.6	0.0	28	44
EW-9	--	--	34.3	4.5	30	31	EW-9	--	--	34.4	0.0	29	37
EW-10	--	--	1.3	19.0	10	70	EW-10	--	--	4.0	12.9	12	71
EW-11	--	--	0.5	19.9	2.0	78	EW-11	--	--	1.7	13.6	1.9	83
EW-12	--	--	0.0	0.0	0.6	99	EW-12	--	--	0.3	5.8	3.4	91
SW1	--	--	34.2	0.0	31	35	SW1	--	--	31.3	0.0	31	38
SW2	--	--	34.0	0.0	30	36	SW2	--	--	32.6	0.0	30	37
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	6.4	13.1	9.1	71	NW1	--	--	24.9	0.0	29	46
NW2	--	--	20.9	11.0	16	52	NW2	--	--	24.4	0.0	25	51
NW3	--	--	41.2	0.0	32	27	NW3	--	--	24.2	0.0	25	51
NW4	--	--	16.7	0.0	22	61	NW4	--	--	20.4	1.4	19	59
NW5	--	--	3.1	16.8	4.4	76	NW5	--	--	37.3	0.0	30	33
NW6	--	--	12.0	14.5	11	63	NW6	--	--	43.8	0.0	36	20
NW7	--	--	24.4	11.6	15	49	NW7	--	--	56.8	0.0	35	8
NW8	--	--	14.4	0.0	23	63	NW8	--	--	1.4	18.2	2.2	78
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) *Underline reading assumed to be aberrant based on historical behavior of the monitoring location;*
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

April 10, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #218 – March 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for March 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #218 – March 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- The first quarter 2013 combustible gas indicator checks were successfully performed on March 5, 2013; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of March 2013 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (April 2013)

- Develop Monthly Progress Report #218 summarizing activities in March 2013; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (April 2013)

- April 10 - Anticipated submittal of the March 2013 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	03/08	U.S. EPA	Monthly Progress Report for the Month of February 2013

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/15/2013

Subject: LFG Monitoring Summary - Week of 03/04/13 - 03/10/13

Summary: All CPs remained in compliance this two-week period.
There were two (2) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 8, 2013 with temps of 33 to 41°F and partly cloudy conditions.
Vacuum readings were last taken on February 24, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/4/2013	--	--	11:30	--	--	4:00	--	--	4.5
3/5/2013	--	--	6:30	11:00	--	--	--	--	4.5
3/6/2013	--	--	6:30#	--	--	--	--	--	0.0
3/7/2013	--	--	8:30#	--	--	--	--	--	0.0
3/8/2013	--	--	7:30	11:30	--	--	--	--	4.0
3/9/2013	--	--	6:30	11:00	--	--	--	--	4.5
3/10/2013	--	--	6:30	11:00	--	--	--	--	4.5
								Total Hrs. =	22.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 90 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/4/2013	--	--	--	--	--
3/5/2013	--	--	--	--	--
3/6/2013	--	--	--	--	--
3/7/2013	--	--	--	--	--
3/8/2013	CPs 1-5, TGP/GPs, GVs, E&SWs	9:00A - 4:00P	0.0	30.49 - 30.45	F
3/9/2013	--	--	--	--	--
3/10/2013	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

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VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Mar		5-Mar		6-Mar		7-Mar		8-Mar		9-Mar		10-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-02	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-03	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-09	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	9.8	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	14.0	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	4-Mar		5-Mar		6-Mar		7-Mar		8-Mar		9-Mar		10-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	14.1	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	2.0	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	14.5	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	12.1	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure,
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 3/30/2013

Subject: LFG Monitoring Summary - Week of 03/18/13 - 03/24/13

Summary: All CPs remained in compliance this two-week period.
There were zero (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 to mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed March 22, 2013 with temps of 24 to 42°F and partly cloudy conditions.
Vacuum readings were last taken on February 24, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
3/18/2013	--	--	5:30	10:00	--	--	--	--	4.5
3/19/2013	--	--	5:30	10:00	--	--	--	--	4.5
3/20/2013	--	--	5:30	10:00	--	--	--	--	4.5
3/21/2013	--	--	5:30	10:00	--	--	--	--	4.5
3/22/2013	--	--	5:30	10:00	--	--	--	--	4.5
3/23/2013	--	--	5:30	10:00	--	--	--	--	4.5
3/24/2013	--	--	5:30	10:00	--	--	--	--	4.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 90 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
3/18/2013	--	--	--	--	--
3/19/2013	--	--	--	--	--
3/20/2013	--	--	--	--	--
3/21/2013	--	--	--	--	--
3/22/2013	CPs 1-5, TGP/GPs, GVs, E&SWs	9:00A - 4:00P	0.0	30.09 - 30.01	F
3/23/2013	--	--	--	--	--
3/24/2013	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

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VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Mar		19-Mar		20-Mar		21-Mar		22-Mar		23-Mar		24-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	11.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	10.8	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	18-Mar		19-Mar		20-Mar		21-Mar		22-Mar		23-Mar		24-Mar	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-63	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP-57	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-62	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
GP-12	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-60	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-65	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-66	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-67	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP-68	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-53	--	--	--	--	--	--	--	--	0.0	15.1	--	--	--	--
TGP-59	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-58	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
GP-14	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-87	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-88	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location,

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 04 - Mar 10						Week of:	Mar 18 - Mar 24					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	40	15.7	1.9	22	60	GV1-1	--	28	5.0	1.5	19	75
GV1-2	--	--	27.4	0.8	29	43	GV1-2	--	--	24.6	1.0	28	46
GV1-3	--	--	15.0	3.9	20	61	GV1-3	--	--	24.2	0.2	28	48
GV1-4	--	--	29.5	1.3	29	40	GV1-4	--	--	28.3	0.0	29	43
GV1-5	--	--	24.5	0.0	27	49	GV1-5	--	--	23.1	0.0	29	48
GV1-6	--	--	20.8	0.6	25	54	GV1-6	--	--	16.5	1.4	24	58
GV1-7	--	--	0.5	15.1	4.7	80	GV1-7	--	--	0.2	17.8	2.4	80
GV1-8	--	--	13.8	2.5	21	63	GV1-8	--	--	6.7	0.6	20	73
GV1-9	--	--	13.5	5.2	21	60	GV1-9	--	--	4.9	0.8	20	74
GV1-10X	--	--	13.4	4.8	19	63	**GV1-10X**	--	--	6.8	1.5	20	72
GV1-11	--	--	10.6	4.7	19	66	GV1-11	--	--	11.1	0.2	20	69
GV1-12	--	--	15.9	0.7	23	60	GV1-12	--	--	11.0	1.2	19	69
GV1-13	--	--	12.5	4.1	21	62	GV1-13	--	--	5.7	0.6	19	75
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.8	8.9	9.1	81	GV1b-1	--	--	0.7	15.8	4.4	79
GV1b-2	--	--	0.1	19.2	0.9	80	GV1b-2	--	--	0.2	19.5	1.2	79
GV1b-3	--	--	7.5	12.1	11	69	GV1b-3	--	--	3.3	17.8	4.2	75
GV1b-4	--	--	1.1	9.3	9.3	80	GV1b-4	--	--	3.1	12.2	7.4	77
GV1b-5	--	50	0.3	10.2	8.4	81	GV1b-5	--	50	0.3	17.6	2.7	79
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	0.8	13.6	14	72	GV2-1	--	--	1.0	16.0	5.3	78
GV2-2	--	50	0.3	12.2	12	76	GV2-2	--	36	0.3	15.4	2.9	81
GV2-3	--	56	0.1	10.6	11	78	GV2-3	--	46	0.7	16.1	6.2	77
GV2-4	--	72	2.4	11.1	11	76	GV2-4	--	68	2.9	11.8	8.9	76
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	39.8	0.4	30	30	GV3-1	--	--	55.2	0.2	30	15
GV3-2	--	--	41.4	2.0	24	33	GV3-2	--	--	40.5	1.8	25	33
GV3-3	--	--	3.8	14.4	7.3	75	GV3-3	--	--	1.0	18.4	3.2	77
GV3-4	--	50	9.1	5.1	15	71	GV3-4	--	48	7.1	6.1	15	72
GV3-5	--	--	1.5	8.0	9.2	81	GV3-5	--	--	4.9	10.9	7.3	77
GV3-6	--	--	4.0	1.5	14	81	GV3-6	--	--	4.6	2.1	13	80
GV3-7	--	--	3.3	1.0	16	80	GV3-7	--	--	2.2	1.8	14	82
GV3-8	--	--	0.2	3.4	13	83	GV3-8	--	--	0.4	8.8	7.9	83
GV3-9	--	--	2.8	6.1	11	80	GV3-9	--	--	6.3	6.1	12	76
GV3-10 X	--	--	0.1	5.1	12	83	**GV3-10 X**	--	--	0.2	6.4	11	82
GV3-11	--	--	2.3	2.3	16	79	GV3-11	--	--	1.1	1.9	14	83
GV3-12	--	--	4.4	4.3	14	77	GV3-12	--	--	8.7	4.2	14	73
GV3-13	--	--	3.3	4.0	15	78	GV3-13	--	--	5.7	2.1	16	76
GV3-14	--	--	19.7	0.5	21	59	GV3-14	--	--	21.8	0.1	21	57
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	50	0.4	7.4	11	81	GV4-C	--	44	0.3	9.0	9.0	82
GV4-B	--	--	0.1	4.9	13	82	GV4-B	--	--	0.0	6.0	12	82
GV4-A	--	--	0.5	8.2	11	80	GV4-A	--	--	0.5	7.1	10	82
GV4-1	--	--	8.3	5.0	13	74	GV4-1	--	--	8.6	6.2	12	73
GV4-2	--	--	17.5	8.2	15	59	GV4-2	--	--	15.3	11.4	12	61
GV4-3	--	--	4.9	9.0	10	76	GV4-3	--	--	3.5	10.3	9.3	77
GV4-4 X	--	--	0.1	19.7	0.5	80	**GV4-4 X**	--	--	0.0	19.9	0.5	80
GV4-5	--	--	10.9	6.3	17	66	GV4-5	--	--	12.2	6.4	15	66
GV4-6	--	--	2.9	4.5	14	79	GV4-6	--	--	2.8	6.3	12	79
GV4-7	--	--	25.4	5.4	24	45	GV4-7	--	--	22.9	3.4	21	53
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	60	19.8	1.4	22	57	GV5-1	--	48	0.0	19.9	0	80
GV5-2	--	--	0.1	20.4	0.2	79	GV5-2	--	--	0.0	20.0	0.0	80
GV5-3	--	--	0.1	20.1	0.1	80	GV5-3	--	--	0.0	20.1	0.0	80
GV5-4	--	--	0.0	20.0	0.1	80	GV5-4	--	--	0.0	20.0	0.0	80
GV5-5	--	--	0.0	20.0	0.4	80	GV5-5	--	--	0.0	19.9	0.0	80
GV5-6	--	--	0.0	19.9	0.6	80	GV5-6	--	--	0.0	20.1	0.0	80
GV5-7	--	--	0.0	19.9	0.1	80	GV5-7	--	--	0.0	20.0	0.0	80
GV5-8	--	--	0.0	20.0	0.0	80	GV5-8	--	--	0.0	16.6	3.6	80
GV5-9	--	--	0.0	14.1	6.7	79	GV5-9	--	--	0.0	19.8	0.6	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 04 - Mar 10						Week of:	Mar 18 - Mar 24					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	12.9	2.2	22	63	EW-1	--	--	8.6	4.6	16	71
EW-2	--	--	0.1	12.7	7.4	80	EW-2	--	--	0.0	15.3	5.5	79
EW-3	--	--	13.2	2.8	19	65	EW-3	--	--	18.5	0.3	20	61
EW-4	--	--	20.2	0.4	23	56	EW-4	--	--	16.8	0.2	21	62
EW-5	--	--	24.3	0.2	21	55	EW-5	--	--	20.2	0.0	19	61
EW-6	--	--	23.9	0.0	20	56	EW-6	--	--	23.2	0.0	25	52
EW-7	--	--	19.5	0.0	24	57	EW-7	--	--	20.4	0.0	22	58
EW-8	--	--	24.4	0.0	26	50	EW-8	--	--	21.4	0.0	25	54
EW-9	--	--	32.1	0.2	28	40	EW-9	--	--	31.2	0.0	28	41
EW-10	--	--	1.2	3.8	11	84	EW-10	--	--	0.7	7.3	7.6	84
EW-11	--	--	0.4	17.6	2.3	80	EW-11	--	--	0.4	19.2	1.3	79
EW-12	--	--	0.1	14.8	4.2	81	EW-12	--	--	0.0	20.3	1.1	79
SW1	--	--	31.4	0.1	30	39	SW1	--	--	32.2	0.0	30	38
SW2	--	--	32.3	0.0	27	41	SW2	--	--	31.9	0.0	28	40
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.2	0.0	22	70	NW1	--	--	14.6	0.0	23	62
NW2	--	--	41.8	0.0	32	26	NW2	--	--	40.4	0.0	33	27
NW3	--	--	40.1	0.0	32	28	NW3	--	--	39.9	0.0	32	28
NW4	--	--	27.1	0.2	26	47	NW4	--	--	14.3	0.0	21	65
NW5	--	--	10.2	0.0	21	69	NW5	--	--	8.8	0.0	21	70
NW6	--	--	57.5	0.0	39	4	NW6	--	--	50.1	0.0	39	11
NW7	--	--	57.8	0.0	36	6	NW7	--	--	62.6	0.0	37	0
NW8	--	--	14.1	3.1	25	58	NW8	--	--	14.8	0.2	23	62
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.8	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

May 10, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #219 – April 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for April 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #219 – April 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of April 2013 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (May 2013)

- Develop Monthly Progress Report #219 summarizing activities in April 2013;
- Continue LGAS operation and performance monitoring;
- Collect the annual flare inlet gas sample; and,
- Perform the second quarter 2013 combustible gas indicator (CGI) checks.

G. Schedule of Significant Activities and Deliverables (May 2013)

- May 10 - Anticipated submittal of the April 2013 MPR to U.S. EPA;
- May 15 - Collect the flare inlet gas sample; and,
- May 15 - Pending access, perform the second quarter CGI checks.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	04/10/13	U.S. EPA	Monthly Progress Report for the Month of March 2013.

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/15/2013

Subject: LFG Monitoring Summary - Week of 04/01/13 - 04/07/13

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 7, 2013 with temps of 60 to 72°F and mostly cloudy conditions.
Vacuum readings were last taken on February 24, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/1/2013	--	--	5:30	10:00	--	--	--	--	4.5
4/2/2013	--	--	5:30#	--	2:00	6:30	--	--	4.5
4/3/2013	--	--	--	--	2:00	6:30	--	--	4.5
4/4/2013	--	--	--	--	2:00	6:30	--	--	4.5
4/5/2013	--	--	--	--	2:00	6:30	--	--	4.5
4/6/2013	--	--	--	--	2:00	6:30	--	--	4.5
4/7/2013	--	--	--	--	2:00	6:30	--	--	4.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/1/2013	--	--	--	--	--
4/2/2013	--	--	--	--	--
4/3/2013	--	--	--	--	--
4/4/2013	--	--	--	--	--
4/5/2013	CPs 1-5, TGP/GPs	12:00 - 3:30P	0.0	30.07 - 30.06	S
4/6/2013	--	--	--	--	--
4/7/2013	TGP/GPs, GVs, E&SWs	10:00A - 1:30P	0.0	29.90 - 29.91	S

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	1-Apr		2-Apr		3-Apr		4-Apr		5-Apr		6-Apr		7-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	16.1	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	16.0	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	17.7	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	17.2	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.9	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	1-Apr		2-Apr		3-Apr		4-Apr		5-Apr		6-Apr		7-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.4
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.4
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-89	--	--	--	--	--	--	--	--	0.0	20.5	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	14.7	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	13.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	16.7	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Mar 18 - Mar 24						Week of:	Apr 01 - April 07					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	28	5.0	1.5	19	75	GV1-1	--	66	6.5	11.1	6.3	76
GV1-2	--	--	24.6	1.0	28	46	GV1-2	--	--	3.3	13.7	5.5	78
GV1-3	--	--	24.2	0.2	28	48	GV1-3	--	--	4.0	17.2	4.2	75
GV1-4	--	--	28.3	0.0	29	43	GV1-4	--	--	14.3	3.5	22	60
GV1-5	--	--	23.1	0.0	29	48	GV1-5	--	--	19.8	1.2	23	56
GV1-6	--	--	16.5	1.4	24	58	GV1-6	--	--	1.1	17.2	1.7	80
GV1-7	--	--	0.2	17.8	2.4	80	GV1-7	--	--	0.4	19.4	1.0	79
GV1-8	--	--	6.7	0.6	20	73	GV1-8	--	--	7.6	2.6	16	74
GV1-9	--	--	4.9	0.8	20	74	GV1-9	--	--	6.6	0.4	20	73
GV1-10X	--	--	6.8	1.5	20	72	**GV1-10X**	--	--	3.2	6.8	12	78
GV1-11	--	--	11.1	0.2	20	69	GV1-11	--	--	7.4	4.4	15	73
GV1-12	--	--	11.0	1.2	19	69	GV1-12	--	--	4.9	8.4	15	72
GV1-13	--	--	5.7	0.6	19	75	GV1-13	--	--	1.5	1.9	16	81
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	15.8	4.4	79	GV1b-1	--	--	0.3	16.8	2.2	81
GV1b-2	--	--	0.2	19.5	1.2	79	GV1b-2	--	--	1.6	16.6	4.4	77
GV1b-3	--	--	3.3	17.8	4.2	75	GV1b-3	--	--	2.9	14.0	4.7	78
GV1b-4	--	--	3.1	12.2	7.4	77	GV1b-4	--	--	0.3	15.3	5.9	79
GV1b-5	--	50	0.3	17.6	2.7	79	GV1b-5	--	58	1.5	9.1	10	79
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.0	16.0	5.3	78	GV2-1	--	--	1.6	15.4	4.4	79
GV2-2	--	36	0.3	15.4	2.9	81	GV2-2	--	76	1.2	15.1	7.2	77
GV2-3	--	48	0.7	16.1	6.2	77	GV2-3	--	80	1.0	12.6	9.4	77
GV2-4	--	68	2.9	11.8	8.9	76	GV2-4	--	88	1.8	9.8	11	77
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	55.2	0.2	30	15	GV3-1	--	--	30.9	1.8	29	38
GV3-2	--	--	40.5	1.8	25	33	GV3-2	--	--	23.3	5.5	21	50
GV3-3	--	--	1.0	18.4	3.2	77	GV3-3	--	--	4.0	7.8	10	78
GV3-4	--	48	7.1	6.1	15	72	GV3-4	--	58	4.1	8.9	10	77
GV3-5	--	--	4.9	10.9	7.3	77	GV3-5	--	--	2.3	5.4	5.6	87
GV3-6	--	--	4.8	2.1	13	80	GV3-6	--	--	2.8	7.1	6.2	84
GV3-7	--	--	2.2	1.8	14	82	GV3-7	--	--	1.6	13.1	4.5	81
GV3-8	--	--	0.4	8.8	7.9	83	GV3-8	--	--	3.3	10.4	7.6	79
GV3-9	--	--	6.3	6.1	12	76	GV3-9	--	--	10.8	3.6	12	74
GV3-10 X	--	--	0.2	6.4	11	82	**GV3-10 X**	--	--	1.2	2.5	10	86
GV3-11	--	--	1.1	1.9	14	83	GV3-11	--	--	2.4	4.5	14	79
GV3-12	--	--	8.7	4.2	14	73	GV3-12	--	--	10.4	3.5	16	70
GV3-13	--	--	5.7	2.1	16	76	GV3-13	--	--	11.8	3.2	14	71
GV3-14	--	--	21.8	0.1	21	57	GV3-14	--	--	24.6	1.0	18	56
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	44	0.3	9.0	9.0	82	GV4-C	--	64	1.0	10.4	7.8	81
GV4-B	--	--	0.0	6.0	12	82	GV4-B	--	--	1.0	6.5	10	83
GV4-A	--	--	0.5	7.1	10	82	GV4-A	--	--	0.9	12.1	6.7	80
GV4-1	--	--	8.6	6.2	12	73	GV4-1	--	--	3.2	5.4	11	80
GV4-2	--	--	15.3	11.4	12	61	GV4-2	--	--	5.5	2.3	15	77
GV4-3	--	--	3.5	10.3	9.3	77	GV4-3	--	--	2.7	9.6	10	78
GV4-4 X	--	--	0.0	19.9	0.5	80	**GV4-4 X**	--	--	0.2	18.4	0.6	81
GV4-5	--	--	12.2	6.4	15	66	GV4-5	--	--	14.8	3.3	16	66
GV4-6	--	--	2.8	6.3	12	79	GV4-6	--	--	4.3	11.8	7.7	76
GV4-7	--	--	22.9	3.4	21	53	GV4-7	--	--	25.3	0.4	22	52
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	46	0.0	19.9	0	80	GV5-1	--	78	1.6	12.3	13	73
GV5-2	--	--	0.0	20.0	0.0	80	GV5-2	--	--	1.4	18.0	7.8	73
GV5-3	--	--	0.0	20.1	0.0	80	GV5-3	--	--	2.4	17.2	6.2	74
GV5-4	--	--	0.0	20.0	0.0	80	GV5-4	--	--	1.3	18.4	5.5	75
GV5-5	--	--	0.0	19.9	0.0	80	GV5-5	--	--	1.2	18.1	6.4	74
GV5-6	--	--	0.0	20.1	0.0	80	GV5-6	--	--	4.5	8.5	11	76
GV5-7	--	--	0.0	20.0	0.0	80	GV5-7	--	--	3.9	9.8	11	75
GV5-8	--	--	0.0	16.6	3.6	80	GV5-8	--	--	1.8	11.6	7.7	79
GV5-9	--	--	0.0	19.8	0.6	80	GV5-9	--	--	2.3	12.1	8	78

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed, and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:			Mar 18 - Mar 24				Week of:			Apr 01 - April 07			
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	8.6	4.8	16	71	EW-1	--	--	7.7	2.3	21	69
EW-2	--	--	0.0	15.3	5.5	79	EW-2	--	--	0.2	4.5	19	76
EW-3	--	--	18.5	0.3	20	61	EW-3	--	--	21.0	0.0	24	55
EW-4	--	--	16.8	0.2	21	62	EW-4	--	--	37.9	0.0	29	33
EW-5	--	--	20.2	0.0	19	61	EW-5	--	--	37.5	0.0	30	33
EW-6	--	--	23.2	0.0	25	52	EW-6	--	--	33.0	0.0	31	36
EW-7	--	--	20.4	0.0	22	58	EW-7	--	--	32.1	0.0	28	40
EW-8	--	--	21.4	0.0	25	54	EW-8	--	--	37.9	0.0	28	34
EW-9	--	--	31.2	0.0	28	41	EW-9	--	--	36.6	0.0	30	33
EW-10	--	--	0.7	7.3	7.6	84	EW-10	--	--	2.5	3.5	12	82
EW-11	--	--	0.4	19.2	1.3	79	EW-11	--	--	0.7	12.9	10	76
EW-12	--	--	0.0	20.3	1.1	79	EW-12	--	--	0.0	17.9	2.1	80
SW1	--	--	32.2	0.0	30	38	SW1	--	--	36.1	0.0	30	34
SW2	--	--	31.9	0.0	28	40	SW2	--	--	36.7	0.0	30	33
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	14.8	0.0	23	62	NW1	--	--	15.3	0.3	20	64
NW2	--	--	40.4	0.0	33	27	NW2	--	--	41.4	0.0	33	26
NW3	--	--	39.9	0.0	32	28	NW3	--	--	47.3	0.0	34	19
NW4	--	--	14.3	0.0	21	65	NW4	--	--	23.8	0.0	28	48
NW5	--	--	8.8	0.0	21	70	NW5	--	--	20.4	0.0	28	54
NW6	--	--	50.1	0.0	39	11	NW6	--	--	48.1	0.0	35	17
NW7	--	--	62.6	0.0	37	0	NW7	--	--	59.7	0.0	40	0
NW8	--	--	14.8	0.2	23	62	NW8	--	--	19.7	0.0	23	57
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

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(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 4/30/2013

Subject: LFG Monitoring Summary - Week of 04/15/13 - 04/21/13

Summary: All CPs remained in compliance this two week period.
There were four (4) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 to mins. ON and 1200 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed April 21, 2013 with temps of 38 to 49°F and mostly cloudy conditions.
Vacuum readings were last taken on April 21, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/15/2013	--	--	5:00#	--	--	--	--	--	0.0
4/16/2013	5:00#	--	11:30	--	--	2:00#	--	--	2.5
4/17/2013	--	--	5:00	9:00	--	--	--	--	4.0
4/18/2013	--	--	5:00	9:00	--	--	--	--	4.0
4/19/2013	--	--	5:00	9:00	--	--	--	--	4.0
4/20/2013	--	--	5:00#	--	4:00	8:00	--	--	4.0
4/21/2013	--	--	6:30	10:30	--	--	--	--	4.0
								Total Hrs. =	22.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently about 80 minutes behind EST.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/15/2013	--	--	--	--	--
4/16/2013	--	--	--	--	--
4/17/2013	--	--	--	--	--
4/18/2013	--	--	--	--	--
4/19/2013	--	--	--	--	--
4/20/2013	CPs 1b-3, TGP/GPs	9:00A - 12:00P	0.0	30.16 - 30.25	R
4/21/2013	CPs 1,4 &5, TGP/GPs, GVs, E&SWs	9:00A - 1:00P	0.0	30.57 - 30.51	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-Apr		16-Apr		17-Apr		18-Apr		19-Apr		20-Apr		21-Apr	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	15.3	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	14.4	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	14.4	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	20.8	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	15-Apr		16-Apr		17-Apr		18-Apr		19-Apr		20-Apr		21-Apr	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-78	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.9
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.4
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.7
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.6
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.1
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.5	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	14.2	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	16.8	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the *Compliance Probe monitoring* report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 01 - April 07						Week of:	Apr 15 - April 21					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-2.90	--	--	--	--	--
GV1-1	--	66	6.5	11.1	6.3	76	GV1-1	--	66	2.1	1.4	18	79
GV1-2	--	--	3.3	13.7	5.5	78	GV1-2	--	--	11.8	7.2	12	69
GV1-3	--	--	4.0	17.2	4.2	75	GV1-3	--	--	6.2	12.0	9.2	73
GV1-4	--	--	14.3	3.5	22	60	GV1-4	--	--	22.4	6.2	22	49
GV1-5	--	--	19.8	1.2	23	56	GV1-5	--	--	2.6	5.2	13	79
GV1-6	--	--	1.1	17.2	1.7	80	GV1-6	--	--	1.5	8.8	10	80
GV1-7	--	--	0.4	19.4	1.0	79	GV1-7	--	--	4.3	4.8	20	71
GV1-8	--	--	7.6	2.6	16	74	GV1-8	--	--	0.6	2.1	19	78
GV1-9	--	--	6.6	0.4	20	73	GV1-9	--	--	0.8	2.9	18	79
GV1-10X	--	--	3.2	6.8	12	78	**GV1-10X**	--	--	11.7	0.5	20	68
GV1-11	--	--	7.4	4.4	15	73	GV1-11	--	--	7.3	1.9	18	73
GV1-12	--	--	4.9	8.4	15	72	GV1-12	--	--	4.1	1.8	18	76
GV1-13	--	--	1.5	1.9	16	81	GV1-13	--	--	2.4	0.3	18	79
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.3	16.8	2.2	81	GV1b-1	--	--	0.8	14.0	4.0	81
GV1b-2	--	--	1.6	16.6	4.4	77	GV1b-2	--	--	0.1	17.9	0.3	82
GV1b-3	--	--	2.9	14.0	4.7	78	GV1b-3	--	--	0.1	19.5	0.4	80
GV1b-4	--	--	0.3	15.3	5.9	79	GV1b-4	--	--	0.5	14.8	6.3	78
GV1b-5	--	58	1.5	9.1	10	79	GV1b-5	--	58	0.4	12.8	2	85
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.21	--	--	--	--	--
GV2-1	--	--	1.6	15.4	4.4	79	GV2-1	--	--	1.5	15.5	5.8	77
GV2-2	--	78	1.2	15.1	7.2	77	GV2-2	--	78	0.3	15.3	5.8	79
GV2-3	--	80	1.0	12.6	9.4	77	GV2-3	--	80	0.3	14.8	7.9	77
GV2-4	--	88	1.8	9.8	11	77	GV2-4	--	88	0.2	12.0	9.3	79
LEG 3	--	--	--	--		--	**LEG 3**	-0.24	--	--	--		--
GV3-1	--	--	30.9	1.8	29	38	GV3-1	--	--	19.9	1.2	20	59
GV3-2	--	--	23.3	5.5	21	50	GV3-2	--	--	38.8	1.8	24	35
GV3-3	--	--	4.0	7.6	10	78	GV3-3	--	--	0.9	14.9	4.5	80
GV3-4	--	58	4.1	8.9	10	77	GV3-4	--	58	2.2	9.3	12	77
GV3-5	--	--	2.3	5.4	5.6	87	GV3-5	--	--	2.9	6.0	11	80
GV3-6	--	--	2.8	7.1	6.2	84	GV3-6	--	--	3.0	2.8	14	80
GV3-7	--	--	1.6	13.1	4.5	81	GV3-7	--	--	0.5	3.8	11	85
GV3-8	--	--	3.3	10.4	7.6	79	GV3-8	--	--	0.3	6.0	10	84
GV3-9	--	--	10.8	3.8	12	74	GV3-9	--	--	4.9	5.4	12	78
GV3-10 X	--	--	1.2	2.5	10	86	**GV3-10 X**	--	--	0.3	4.1	12	84
GV3-11	--	--	2.4	4.5	14	79	GV3-11	--	--	0.9	1.7	15	82
GV3-12	--	--	10.4	3.5	16	70	GV3-12	--	--	4.2	3.2	14	79
GV3-13	--	--	11.8	3.2	14	71	GV3-13	--	--	2.3	2.0	18	80
GV3-14	--	--	24.6	1.0	18	56	GV3-14	--	--	17.9	0.2	20	62
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.47	--	--	--	--	--
GV4-C	--	64	1.0	10.4	7.8	81	GV4-C	--	64	0.8	6.3	10	83
GV4-B	--	--	1.0	6.5	10	83	GV4-B	--	--	0.2	2.1	14	84
GV4-A	--	--	0.9	12.1	6.7	80	GV4-A	--	--	0.8	7.8	4.8	87
GV4-1	--	--	3.2	5.4	11	80	GV4-1	--	--	1.5	15.5	2.9	80
GV4-2	--	--	5.5	2.3	15	77	GV4-2	--	--	9.4	10.0	12	69
GV4-3	--	--	2.7	9.6	10	78	GV4-3	--	--	2.6	9.2	10	78
GV4-4 X	--	--	0.2	18.4	0.6	81	**GV4-4 X**	--	--	0.1	19.8	0.2	80
GV4-5	--	--	14.8	3.3	16	66	GV4-5	--	--	7.4	8.9	11	73
GV4-6	--	--	4.3	11.6	7.7	76	GV4-6	--	--	3.9	5.4	13	78
GV4-7	--	--	25.3	0.4	22	52	GV4-7	--	--	17.9	1.2	21	60
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.55	--	--	--	--	--
GV5-1	--	76	1.6	12.3	13	73	GV5-1	--	76	0.1	20.0	0.2	80
GV5-2	--	--	1.4	18.0	7.8	73	GV5-2	--	--	0.1	19.7	1.2	79
GV5-3	--	--	2.4	17.2	6.2	74	GV5-3	--	--	0.1	20.0	0.5	79
GV5-4	--	--	1.3	18.4	5.5	75	GV5-4	--	--	14.7	2.8	12	71
GV5-5	--	--	1.2	18.1	6.4	74	GV5-5	--	--	3.2	13.2	8.4	75
GV5-6	--	--	4.5	8.5	11	76	GV5-6	--	--	2.4	18.6	2.4	79
GV5-7	--	--	3.9	9.8	11	75	GV5-7	--	--	2.5	18.7	2.3	79
GV5-8	--	--	1.8	11.6	7.7	79	GV5-8	--	--	0.9	13.5	6.4	79
GV5-9	--	--	2.3	12.1	8	78	GV5-9	--	--	0.1	13.1	5.4	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 01 - April 07						Week of:	Apr 15 - April 21					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	7.7	2.3	21	69	EW-1	-1.02	--	7.4	9.1	17	67
EW-2	--	--	0.2	4.5	19	76	EW-2	-0.49	--	0.0	14.6	6.3	79
EW-3	--	--	21.0	0.0	24	55	EW-3	-0.92	--	17.5	3.0	19	61
EW-4	--	--	37.9	0.0	29	33	EW-4	--	--	35.0	0.0	28	37
EW-5	--	--	37.5	0.0	30	33	EW-5	--	--	18.8	0.8	22	59
EW-6	--	--	33.0	0.0	31	36	EW-6	--	--	20.9	0.0	23	56
EW-7	--	--	32.1	0.0	28	40	EW-7	--	--	21.1	0.0	24	55
EW-8	--	--	37.9	0.0	28	34	EW-8	--	--	32.4	0.0	28	40
EW-9	--	--	36.8	0.0	30	33	EW-9	--	--	33.0	0.0	27	40
EW-10	--	--	2.5	3.5	12	82	EW-10	-0.30	--	0.8	5.5	9.2	85
EW-11	--	--	0.7	12.9	10	76	EW-11	-1.11	--	0.4	18.7	1.6	79
EW-12	--	--	0.0	17.9	2.1	80	EW-12	-0.74	--	7.7	5.6	17.0	70
SW1	--	--	36.1	0.0	30	34	SW1	--	--	28.3	0.4	28	43
SW2	--	--	36.7	0.0	30	33	SW2	--	--	30.2	0.0	29	41
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	15.3	0.3	20	64	NW1	--	--	10.2	1.8	23	65
NW2	--	--	41.4	0.0	33	26	NW2	--	--	39.5	0.0	32	29
NW3	--	--	47.3	0.0	34	19	NW3	--	--	41.3	0.0	32	27
NW4	--	--	23.8	0.0	28	48	NW4	--	--	14.7	0.0	21	64
NW5	--	--	20.4	0.0	26	54	NW5	--	--	11.4	0.0	22	67
NW6	--	--	48.1	0.0	35	17	NW6	--	--	44.8	0.0	36	19
NW7	--	--	59.7	0.0	40	0	NW7	--	--	65.4	0.0	35	0
NW8	--	--	19.7	0.0	23	57	NW8	--	--	12.9	0.0	22	65
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

June 10, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #220 – May 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for May 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #220 – May 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- The site fence was inspected during the reporting period and any necessary repairs were addressed;
- On May 15, 2013, the annual flare inlet gas samples were collected and shipped to Test America Laboratory for analysis;
- On May 15, 2013, the second quarter combustible gas indicator checks were successfully performed; and,
- On May 23, 2013, the respondents received an invoice from U.S. EPA in the amount of $16,343.86 for oversight costs associated with the period of February 1, 2011 through January 31, 2013. On May 28, 2013, Common Counsel for the respondents communicated with U.S. EPA's Counsel via e-mail and requested that the Agency review the bill to confirm charges are consistent with the AOC.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of May 2013 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (June 2013)

- Develop Monthly Progress Report (MPR) #220 summarizing activities in May 2013;
- Continue LGAS operation and performance monitoring;
- Receive analytical data from Test America Laboratory associated with the flare inlet sampling activity performed on May 15, 2013, and review for summarization in the next MPR; and,
- Fund U.S. EPA's oversight invoice, once U.S. EPA's legal counsel confirms that all charges are consistent with the AOC.

G. Schedule of Significant Activities and Deliverables (June 2013)

- June 10 - Anticipated submittal of the May 2013 MPR to U.S. EPA;
- Early June - Receive analytical data associated with the flare inlet sampling; and,
- June 24 - Fund U.S. EPA's oversight invoice.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	05/10/13	U.S. EPA	Monthly Progress Report for the Month of April 2013.

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/10/2013

Subject: LFG Monitoring Summary - Week of 04/29/13 - 05/05/13

Summary: All CPs remained in compliance this two week period.
There were no (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 to mins. ON and 1200 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 5, 2013 with temps of 60 to 65°F and overcast with light rain conditions.
Vacuum readings were last taken on May 5, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
4/29/2013	--	--	--	--	12:30	4:30	--	--	4.0
4/30/2013	--	--	--	--	12:30	4:30	--	--	4.0
5/1/2013	--	--	10:00	--	--	2:00	--	--	4.0
5/2/2013	--	--	10:00	--	--	2:00	--	--	4.0
5/3/2013	--	--	10:00	--	--	2:00	--	--	4.0
5/4/2013	--	--	10:00	--	--	2:00	--	--	4.0
5/5/2013	--	--	10:00	--	--	2:00	--	--	4.0
								Total Hrs. =	28.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
4/29/2013	--	--	--	--	--
4/30/2013	--	--	--	--	--
5/1/2013	--	--	--	--	--
5/2/2013	--	--	--	--	--
5/3/2013	--	--	--	--	--
5/4/2013	CPs 1b-3, TGP/GPs	10:00A - 2:00P	0.0	30.04 - 30.00	F
5/5/2013	CPs 1,4 &5, TGP/GPs, GVs, E&SWs	10:00A - 18:30P	0.0	30.00 - 29.94	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	29-Apr		30-Apr		1-May		2-May		3-May		4-May		5-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	16.2	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	19.5	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	14.3	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	17.3	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	14.8	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	15.7	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	15.5	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in Bold Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	29-Apr		30-Apr		1-May		2-May		3-May		4-May		5-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.5
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.7
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	12.8
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	13.8	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	12.5	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 15 - April 21						Week of:	Apr 29 - May 5					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-2.90	--	--	--	--	--	**LEG 1**	-1.87	--	--	--	--	--
GV1-1	--	66	2.1	1.4	18	79	GV1-1	--	76	0.9	0.0	18	81
GV1-2	--	--	11.8	7.2	12	69	GV1-2	--	--	17.2	7.7	17	58
GV1-3	--	--	6.2	12.0	9.2	73	GV1-3	--	--	12.2	8.8	12	66
GV1-4	--	--	22.4	6.2	22	49	GV1-4	--	--	23.8	3.1	24	49
GV1-5	--	--	2.8	5.2	13	79	GV1-5	--	--	19.9	0.5	20	60
GV1-6	--	--	1.5	8.8	10	80	GV1-6	--	--	22.7	0.4	23	54
GV1-7	--	--	4.3	4.8	20	71	GV1-7	--	--	0.5	18.7	0.5	80
GV1-8	--	--	0.8	2.1	19	78	GV1-8	--	--	20.3	0.5	20	59
GV1-9	--	--	0.6	2.9	18	79	GV1-9	--	--	20.6	0.1	21	58
GV1-10X	--	--	11.7	0.5	20	68	**GV1-10X**	--	--	20.4	0.4	20	59
GV1-11	--	--	7.3	1.9	18	73	GV1-11	--	--	19.9	0.9	20	59
GV1-12	--	--	4.1	1.8	18	76	GV1-12	--	--	19.3	2.5	19	59
GV1-13	--	--	2.4	0.3	18	79	GV1-13	--	--	18.2	0.2	18	64
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.18	--	--	--	--	--
GV1b-1	--	--	0.8	14.0	4.0	81	GV1b-1	--	--	0.9	13.7	5.8	80
GV1b-2	--	--	0.1	17.9	0.3	82	GV1b-2	--	--	1.0	18.7	5.8	75
GV1b-3	--	--	0.1	19.5	0.4	80	GV1b-3	--	--	0.6	18.1	2.7	81
GV1b-4	--	--	0.5	14.8	8.3	76	GV1b-4	--	--	0.8	10.9	8.8	80
GV1b-5	--	58	0.4	12.8	2	85	GV1b-5	--	80	0.0	19.5	0.7	80
LEG 2	-0.21	--	--	--	--	--	**LEG 2**	-0.27	--	--	--	--	--
GV2-1	--	--	1.5	15.5	5.8	77	GV2-1	--	--	2.3	13.8	6.8	77
GV2-2	--	76	0.3	15.3	5.8	79	GV2-2	--	80	1.0	10.0	8.9	80
GV2-3	--	80	0.3	14.6	7.9	77	GV2-3	--	76	11.5	1.7	18	69
GV2-4	--	88	0.2	12.0	9.3	79	GV2-4	--	82	11.3	1.6	18	69
LEG 3	-0.24	--	--	--		--	**LEG 3**	-0.19	--	--	--		--
GV3-1	--	--	19.9	1.2	20	59	GV3-1	--	--	56.8	0.0	30	13
GV3-2	--	--	38.8	1.8	24	35	GV3-2	--	--	43.1	1.8	25	30
GV3-3	--	--	0.9	14.9	4.5	80	GV3-3	--	--	0.8	16.4	4.2	79
GV3-4	--	58	2.2	9.3	12	77	GV3-4	--	86	4.1	6.7	12	77
GV3-5	--	--	2.9	6.0	11	80	GV3-5	--	--	5.0	4.9	13	77
GV3-6	--	--	3.0	2.8	14	80	GV3-6	--	--	3.4	1.4	14	81
GV3-7	--	--	0.5	3.8	11	85	GV3-7	--	--	2.1	1.8	14	82
GV3-8	--	--	0.3	6.0	10	84	GV3-8	--	--	2.7	0.0	15	82
GV3-9	--	--	4.9	5.4	12	78	GV3-9	--	--	7.9	3.2	13	76
GV3-10 X	--	--	0.3	4.1	12	84	**GV3-10 X**	--	--	12.1	1.8	14	72
GV3-11	--	--	0.9	1.7	15	82	GV3-11	--	--	1.1	1.7	15	82
GV3-12	--	--	4.2	3.2	14	79	GV3-12	--	--	1.1	3.5	15	80
GV3-13	--	--	2.3	2.0	18	80	GV3-13	--	--	7.3	0.5	18	74
GV3-14	--	--	17.9	0.2	20	62	GV3-14	--	--	19.2	0.4	20	60
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.47	--	--	--	--	--	**LEG 4**	-0.24	--	--	--	--	--
GV4-C	--	64	0.8	6.3	10	83	GV4-C	--	72	0.6	6.6	11	82
GV4-B	--	--	0.2	2.1	14	84	GV4-B	--	--	0.6	1.2	14	84
GV4-A	--	--	0.8	7.9	4.8	87	GV4-A	--	--	1.3	5.2	10	84
GV4-1	--	--	1.5	15.5	2.9	80	GV4-1	--	--	4.2	9.9	7.3	79
GV4-2	--	--	9.4	10.0	12	69	GV4-2	--	--	7.6	7.9	13	72
GV4-3	--	--	2.8	9.2	10	78	GV4-3	--	--	2.7	8.1	11	78
GV4-4 X	--	--	0.1	19.8	0.2	80	**GV4-4 X**	--	--	0.0	19.8	0.2	80
GV4-5	--	--	7.4	8.9	11	73	GV4-5	--	--	5.9	9.1	10	75
GV4-6	--	--	3.9	5.4	13	78	GV4-6	--	--	2.3	7.2	11	80
GV4-7	--	--	17.9	1.2	21	60	GV4-7	--	--	21.2	2.5	21	55
LEG 5	-0.55	--	--	--	--	--	**LEG 5**	-0.39	--	--	--	--	--
GV5-1	--	76	0.1	20.0	0.2	80	GV5-1	--	82	0.6	19.2	1.0	79
GV5-2	--	--	0.1	19.7	1.2	79	GV5-2	--	--	1.3	18.2	1.5	79
GV5-3	--	--	0.1	20.0	0.5	79	GV5-3	--	--	0.8	13.3	5.3	81
GV5-4	--	--	14.7	2.8	12	71	GV5-4	--	--	0.8	11.0	7.1	81
GV5-5	--	--	3.2	13.2	8.4	75	GV5-5	--	--	5.4	1.6	14	79
GV5-6	--	--	2.4	16.8	2.4	79	GV5-6	--	--	1.4	6.5	11	81
GV5-7	--	--	2.5	16.7	2.3	79	GV5-7	--	--	1.0	7.4	10	82
GV5-8	--	--	0.9	13.5	6.4	79	GV5-8	--	--	0.0	17.2	2.6	80
GV5-9	--	--	0.1	13.1	5.4	81	GV5-9	--	--	0.0	18.7	2.7	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 15 - April 21						Week of:	Apr 28 - May 5					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-1.02	--	7.4	9.1	17	67	EW-1	--	--	8.9	4.8	17	69
EW-2	-0.49	--	0.0	14.6	6.3	79	EW-2	--	--	0.1	9.8	9.3	81
EW-3	-0.92	--	17.5	3.0	19	61	EW-3	--	--	20.4	0.7	20	59
EW-4	--	--	35.0	0.0	28	37	EW-4	--	--	27.4	0.0	26	47
EW-5	--	--	18.6	0.6	22	59	EW-5	--	--	35.9	0.0	29	35
EW-6	--	--	20.9	0.0	23	56	EW-6	--	--	35.5	0.0	24	41
EW-7	--	--	21.1	0.0	24	55	EW-7	--	--	23.1	0.0	24	53
*EW-8	--	--	32.4	0.0	28	40	EW-8	--	--	32.3	0.0	28	40
EW-9	--	--	33.0	0.0	27	40	EW-9	--	--	35.3	0.0	28	37
EW-10	-0.30	--	0.6	5.5	9.2	85	EW-10	--	--	7.4	9.2	11	72
EW-11	-1.11	--	0.4	18.7	1.6	79	EW-11	--	--	8.6	18.3	1.9	71
EW-12	-0.74	--	7.7	5.6	17.0	70	EW-12	--	--	0.7	15.4	4.4	80
SW1	--	--	28.3	0.4	28	43	SW1	--	--	32.9	0.0	31	36
SW2	--	--	30.2	0.0	29	41	SW2	--	--	33.7	0.0	31	35
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	10.2	1.6	23	65	NW1	--	--	7.8	0.0	22	70
NW2	--	--	39.5	0.0	32	29	NW2	--	--	36.7	0.0	31	32
NW3	--	--	41.3	0.0	32	27	NW3	--	--	34.7	0.0	31	34
NW4	--	--	14.7	0.0	21	64	NW4	--	--	18.7	0.0	23	58
NW5	--	--	11.4	0.0	22	67	NW5	--	--	9.3	0.0	22	69
NW6	--	--	44.8	0.0	36	19	NW6	--	--	50.3	0.0	36	14
NW7	--	--	65.4	0.0	35	0	NW7	--	--	63.4	0.0	35	2
NW8	--	--	12.9	0.0	22	65	NW8	--	--	9.5	0.0	22	69
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 5/30/2013

Subject: LFG Monitoring Summary - Week of 05/13/13 - 05/19/13

Summary: All CPs remained in compliance this two week period.
There were no (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 to 270 to mins. ON and 1170 to 1200 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed May 18, 2013 with temps of 70 to 77°F and overcast conditions.
Vacuum readings were last taken on May 5, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/13/2013	--	--	8:30	--	--	12:30	--	--	4.5
5/14/2013	--	--	8:30	--	--	12:30	--	--	4.5
5/15/2013	--	--	--	--	2:00	4:00	5:00	6:00	3.0
5/16/2013	--	--	--	--	2:00	--	--	6:00	4.0
5/17/2013	--	--	--	--	2:00	--	--	6:00	4.0
5/18/2013	--	--	--	--	2:00	--	--	6:00	4.0
5/19/2013	--	--	--	--	2:00	--	--	6:00	4.0
								Total Hrs. =	28.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/13/2013	--	--	--	--	--
5/14/2013	--	--	--	--	--
5/15/2013	--	--	--	--	--
5/16/2013	--	--	--	--	--
5/17/2013	CPs 1-5, TGP/GPs	10:00A - 3:00P	0.0	30.08 - 30.04	F
5/18/2013	TGP/GPs, GVs, E&SWs	12:00 - 18:00P	0.0	30.08 - 29.99	F
5/19/2013	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	13-May		14-May		15-May		16-May		17-May		18-May		19-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.3	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	15.7	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	20.6	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	18.7	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP2-9	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.5	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP3-2R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-4R	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
CP3-5R	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP3-7R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP3-8R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-9	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP3-10R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP3-12R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP3-13R	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP3-14R	--	--	--	--	--	--	--	--	0.0	20.4	--	--	--	--
CP3-15R	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-89	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP4-A	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
CP4-B	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP4-C	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
CP4-1	--	--	--	--	--	--	--	--	0.0	12.5	--	--	--	--
CP4-2	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP4-3	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP4-4	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
CP4-6	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
CP5-1R	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
CP5-3R	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP5-4R	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP5-6	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
CP5-8	--	--	--	--	--	--	--	--	0.0	16.5	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	13-May		14-May		15-May		16-May		17-May		18-May		19-May	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-63	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-57	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP-62	--	--	--	--	--	--	--	--	--	--	0.0	14.7	--	--
GP-12	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-60	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
TGP-65	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-66	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP-67	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
TGP-68	--	--	--	--	--	--	--	--	--	--	0.0	15.5	--	--
TGP-53	--	--	--	--	--	--	--	--	--	--	0.0	13.9	--	--
TGP-59	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-58	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
GP-14	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-87	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP-88	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP-69	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.8	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	15.2	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 29 - May 5						Week of:	May 13 - May 19					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.87	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	78	0.9	0.0	18	81	GV1-1	--	50	21.0	0.0	22	57
GV1-2	--	--	17.2	7.7	17	58	GV1-2	--	--	20.7	0.0	22	57
GV1-3	--	--	12.2	9.8	12	66	GV1-3	--	--	6.5	15.1	7.1	71
GV1-4	--	--	23.8	3.1	24	49	GV1-4	--	--	28.8	0.0	29	42
GV1-5	--	--	19.9	0.5	20	60	GV1-5	--	--	18.2	7.0	19	56
GV1-6	--	--	22.7	0.4	23	54	GV1-6	--	--	20.3	5.7	21	53
GV1-7	--	--	0.5	18.7	0.5	80	GV1-7	--	--	0.3	19.2	0.4	80
GV1-8	--	--	20.3	0.5	20	59	GV1-8	--	--	8.5	13.9	10	68
GV1-9	--	--	20.6	0.1	21	58	GV1-9	--	--	4.1	16.6	5.1	74
GV1-10X	--	--	20.4	0.4	20	59	**GV1-10X**	--	--	5.0	15.3	6.6	73
GV1-11	--	--	19.9	0.9	20	59	GV1-11	--	--	8.2	2.0	19	71
GV1-12	--	--	19.3	2.5	19	59	GV1-12	--	--	2.6	16.1	3.8	78
GV1-13	--	--	18.2	0.2	18	64	GV1-13	--	--	6.7	13.8	8.6	71
LEG 1b	-1.16	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.9	13.7	5.8	80	GV1b-1	--	--	1.0	17.4	3.0	79
GV1b-2	--	--	1.0	18.7	5.8	75	GV1b-2	--	--	1.1	16.7	3.4	79
GV1b-3	--	--	0.8	16.1	2.7	81	GV1b-3	--	--	1.8	14.5	5.5	78
GV1b-4	--	--	0.6	10.9	8.8	80	GV1b-4	--	--	3.2	12.7	7.4	77
GV1b-5	--	60	0.0	19.5	0.7	80	GV1b-5	--	56	3.6	12.2	8.0	76
LEG 2	-0.27	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.3	13.8	6.8	77	GV2-1	--	--	2.7	5.1	14	78
GV2-2	--	80	1.0	10.0	8.9	80	GV2-2	--	64	2.8	4.8	14	78
GV2-3	--	76	11.5	1.7	18	69	GV2-3	--	62	2.9	4.5	14	79
GV2-4	--	82	11.3	1.6	18	69	GV2-4	--	72	3.1	5.9	14	77
LEG 3	-0.19	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	56.8	0.0	30	13	GV3-1	--	--	55.5	0.0	30	15
GV3-2	--	--	43.1	1.8	25	30	GV3-2	--	--	58.4	0.0	30	12
GV3-3	--	--	0.8	16.4	4.2	79	GV3-3	--	--	56.2	0.0	30	14
GV3-4	--	86	4.1	8.7	12	77	GV3-4	--	58	55.9	0.0	30	14
GV3-5	--	--	5.0	4.9	13	77	GV3-5	--	--	55.3	0.0	30	15
GV3-6	--	--	3.4	1.4	14	81	GV3-6	--	--	54.8	0.3	30	15
GV3-7	--	--	2.1	1.8	14	82	GV3-7	--	--	53.0	0.9	29	17
GV3-8	--	--	2.7	0.0	15	82	GV3-8	--	--	50.9	1.9	28	19
GV3-9	--	--	7.9	3.2	13	76	GV3-9	--	--	55.0	0.0	29	16
GV3-10 X	--	--	12.1	1.8	14	72	**GV3-10 X**	--	--	54.0	0.2	29	17
GV3-11	--	--	1.1	1.7	15	82	GV3-11	--	--	52.7	0.6	29	18
GV3-12	--	--	1.1	3.5	15	80	GV3-12	--	--	54.9	0.1	29	16
GV3-13	--	--	7.3	0.5	18	74	GV3-13	--	--	45.6	1.7	26	27
GV3-14	--	--	19.2	0.4	20	60	GV3-14	--	--	43.7	1.8	26	29
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.24	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	72	0.6	6.6	11	82	GV4-C	--	62	18.0	7.4	15	60
GV4-B	--	--	0.6	1.2	14	84	GV4-B	--	--	18.3	7.5	15	59
GV4-A	--	--	1.3	5.2	10	84	GV4-A	--	--	24.1	2.9	21	52
GV4-1	--	--	4.2	9.9	7.3	79	GV4-1	--	--	21.2	4.3	19	56
GV4-2	--	--	7.6	7.9	13	72	GV4-2	--	--	24.6	1.8	22	52
GV4-3	--	--	2.7	8.1	11	78	GV4-3	--	--	26.2	0.2	24	50
GV4-4 X	--	--	0.0	19.6	0.2	80	**GV4-4 X**	--	--	0.4	18.6	0.8	80
GV4-5	--	--	5.9	9.1	10	75	GV4-5	--	--	28.6	0.9	23	50
GV4-6	--	--	2.3	7.2	11	80	GV4-6	--	--	26.3	0.1	24	50
GV4-7	--	--	21.2	2.5	21	55	GV4-7	--	--	27.0	0.3	24	49
LEG 5	-0.39	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	82	0.6	19.2	1.0	79	GV5-1	--	62	9.7	0.9	14	75
GV5-2	--	--	1.3	18.2	1.5	79	GV5-2	--	--	5.1	1.4	15	79
GV5-3	--	--	0.8	13.3	5.3	81	GV5-3	--	--	0.3	11.4	6.5	82
GV5-4	--	--	0.8	11.0	7.1	81	GV5-4	--	--	0.4	13.9	5.0	81
GV5-5	--	--	5.4	1.6	14	79	GV5-5	--	--	0.2	14.2	4.8	81
GV5-6	--	--	1.4	6.5	11	81	GV5-6	--	--	0.2	11.1	8.0	81
GV5-7	--	--	1.0	7.4	10	82	GV5-7	--	--	0.1	13.1	5.6	81
GV5-8	--	--	0.0	17.2	2.8	80	GV5-8	--	--	0.2	15.8	3.4	81
GV5-9	--	--	0.0	18.7	2.7	79	GV5-9	--	--	0.1	17.2	3.2	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Apr 29 - May 5						Week of:	May 13 - May 18					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	8.9	4.8	17	69	EW-1	--	--	3.4	10.8	10	76
EW-2	--	--	0.1	9.8	9.3	81	EW-2	--	--	0.0	18.7	1.6	80
EW-3	--	--	20.4	0.7	20	59	EW-3	--	--	17.1	1.5	20	61
EW-4	--	--	27.4	0.0	26	47	EW-4	--	--	23.2	0.4	23	53
EW-5	--	--	35.9	0.0	29	35	EW-5	--	--	29.8	0.1	23	47
EW-6	--	--	35.5	0.0	24	41	EW-6	--	--	62.0	0.0	24	14
EW-7	--	--	23.1	0.0	24	53	EW-7	--	--	18.4	0.2	23	59
EW-8	--	--	32.3	0.0	28	40	EW-8	--	--	26.1	0.0	25	49
EW-9	--	--	35.3	0.0	28	37	EW-9	--	--	31.8	0.0	27	41
EW-10	--	--	7.4	9.2	11	72	EW-10	--	--	6.0	8.9	10	75
EW-11	--	--	8.6	18.3	1.9	71	EW-11	--	--	11.5	6.3	15	67
EW-12	--	--	0.7	15.4	4.4	80	EW-12	--	--	0.0	15.3	4.6	80
SW1	--	--	32.9	0.0	31	35	SW1	--	--	24.4	0.2	17	58
SW2	--	--	33.7	0.0	31	35	SW2	--	--	17.8	7.6	17	58
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	7.8	0.0	22	70	NW1	--	--	41.3	0.0	32	27
NW2	--	--	36.7	0.0	31	32	NW2	--	--	40.9	0.0	32	27
NW3	--	--	34.7	0.0	31	34	NW3	--	--	45.2	0.0	35	20
NW4	--	--	18.7	0.0	23	58	NW4	--	--	54.0	0.0	35	11
NW5	--	--	9.3	0.0	22	69	NW5	--	--	40.0	0.0	32	28
NW6	--	--	50.3	0.0	36	14	NW6	--	--	45.3	0.0	36	19
NW7	--	--	63.4	0.0	35	2	NW7	--	--	62.0	0.0	36	2
NW8	--	--	9.5	0.0	22	69	NW8	--	--	51.4	0.0	35	14
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

July 10, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #221 – June 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for June 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

Monthly Progress Report
Report #221 – June 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- The site fence was inspected during the reporting period and any necessary repairs were addressed; and,
- Under a cover letter dated June 13, 2013, a check was transmitted to U.S. EPA in the amount of $16,343.86 for Agency oversight costs associated with the period of February 1, 2011 through January 31, 2013.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of June 2013 are presented in Attachment A of this report.
- On May 15, 2013 the VRAC's contractor (SCS Engineers) performed the annual LGAS influent sampling event. The three summa canister samples were sent to a laboratory (TestAmerica) for Method 25C (non-methane organic compounds/NMOC) and Method 3C (primary gases) analysis. The results (provided as Attachment B to this report) were compared to similar sampling and analyses performed in May 2000, prior to the full scale stack test, and 2012, the last inlet sampling test. The 2013 sampling results are summarized in the table below:

Sample Date	May 15, 2013		
Test Method	25C NMOC (ppmc)* (See Note 1)	3C CH4 (% vol.)	3C O2 (% vol.)
Run #1	369	13	8.3
Run #2	417	13	7.6
Run #3	313	11	10
Average	366	12.3	8.6

* ppmc = parts per million reported as Carbon

Note 1 – Method 25C normally requires a NMOC correction for high levels of nitrogen in the sample to adjust for the presence of air. Since the purpose of this test is to evaluate the actual gas being burned in the LGAS flare, the nitrogen correction is not applicable in this case. Historically, SCS has either requested that the lab not make the correction or reported both the corrected and uncorrected NMOC results. In 2011, the TestAmerica (TA) lab started using a new computer system that automatically corrects the NMOC results for nitrogen. The NMOC results reported in the lab result summary is therefore not comparable to the previous results. The raw, uncorrected NMOC results are found on pages 139, 150, and 161 of the Analytical Results data package in the Method 25C detail section. The NMOC result, not corrected for nitrogen, is the raw NMOC result multiplied by the sample NMOC dilution factor. The above NMOC results represent the comparable uncorrected NMOC concentrations in the sampled gas.

The level of methane in the sampled gas was slightly higher on average in 2013 (i.e., an average of 12.3 % vol.) when compared to the 2012 sampling event (i.e., an average of 10.7 % vol.). Also, compared to the samples taken last year, the 2013 NMOC result (366 ppmc on average) increased over the 2012 result (129 ppmc). However, the average actual NMOC content of the gas being collected by the LGAS in 2013 (an average of 336 ppmc), and sent to the flare, is still only about twenty (20) percent of the amount that was measured in year 2000 (i.e., an average of 1,676 ppmc of NMOC in 2000).

F. Planned Activities for the Next Reporting Period (July 2013)

- Develop Monthly Progress Report (MPR) #221 summarizing activities in June 2013; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (July 2013)

- July 10 - Anticipated submittal of the June 2013 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	06/10/13	U.S. EPA	Monthly Progress Report for the Month of May 2013.

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/5/2013

Subject: LFG Monitoring Summary - Week of 05/27/13 - 06/02/13

Summary: All CPs remained in compliance this two week period.
There were no (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 240 mins. ON and 1200 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 2, 2013 with temps of 73 to 75°F and mostly cloudy conditions.
Vacuum readings were last taken on May 5, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
5/27/2013	--	--	--	--	12:30	4:30	--	--	4.0
5/28/2013	--	--	--	--	12:30	4:30	--	--	4.0
5/29/2013	--	--	--	--	12:30	4:30	--	--	4.0
5/30/2013	--	--	--	--	12:30	4:30	--	--	4.0
5/31/2013	--	--	--	--	12:30	4:30	--	--	4.0
6/1/2013	--	--	--	--	12:30	4:30	--	--	4.0
6/2/2013	--	--	--	--	12:30	4:30	--	--	4.0
								Total Hrs. =	28.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
5/27/2013	--	--	--	--	--
5/28/2013	--	--	--	--	--
5/29/2013	--	--	--	--	--
5/30/2013	--	--	--	--	--
5/31/2013	CPs 1-1b, TGP/GPs	12:00 - 3:00P	0.0	30.03 - 29.98	F
6/1/2013	CPs 2-5, TGP/GPs	12:00 - 3:00P	0.0	29.89 - 29.87	F
6/2/2013	TGP/GPs, GVs, E&SWs	1:00 - 5:00P	0.0	29.91 - 29.88	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

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VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	27-May		28-May		29-May		30-May		31-May		1-Jun		2-Jun	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	0.0	20.1	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	14.3	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	11.9	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	14.0	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	20.7	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	20.7	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	18.5	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	17.1	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
TGP-Dads	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	16.0	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.3	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.0	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	16.6	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	14.5	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	17.8	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	16.1	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	27-May		28-May		29-May		30-May		31-May		1-Jun		2-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	18.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.8
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.5
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.7
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	12.6
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
TGP-69	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	16.4	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	20.3	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	14.8	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	15.9	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 13 - May 19						Week of:	May 27 - Jun 02					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	50	21.0	0.0	22	57	GV1-1	--	70	4.4	1.4	19	75
GV1-2	--	--	20.7	0.0	22	57	GV1-2	--	--	29.4	0.0	27	44
GV1-3	--	--	8.5	15.1	7.1	71	GV1-3	--	--	18.7	0.0	24	57
GV1-4	--	--	28.6	0.0	29	42	GV1-4	--	--	24.4	3.0	23	50
GV1-5	--	--	18.2	7.0	19	56	GV1-5	--	--	14.9	0.3	23	62
GV1-6	--	--	20.3	5.7	21	53	GV1-6	--	--	5.9	1.1	22	71
GV1-7	--	--	0.3	19.2	0.4	80	GV1-7	--	--	0.1	19.9	0.3	80
GV1-8	--	--	8.5	13.9	10	68	GV1-8	--	--	3.5	0.6	22	74
GV1-9	--	--	4.1	16.6	5.1	74	GV1-9	--	--	0.4	2.6	17	80
GV1-10X	--	--	5.0	15.3	6.6	73	**GV1-10X**	--	--	8.5	1.2	21	68
GV1-11	--	--	8.2	2.0	19	71	GV1-11	--	--	8.2	2.1	19	71
GV1-12	--	--	2.6	16.1	3.6	78	GV1-12	--	--	9.1	1.7	19	70
GV1-13	--	--	6.7	13.8	8.6	71	GV1-13	--	--	4.6	0.0	20	75
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	1.0	17.4	3.0	79	GV1b-1	--	--	0.7	14.2	6.2	79
GV1b-2	--	--	1.1	16.7	3.4	79	GV1b-2	--	--	0.1	19.7	0.6	80
GV1b-3	--	--	1.8	14.5	5.5	78	GV1b-3	--	--	0.5	16.7	3.8	79
GV1b-4	--	--	3.2	12.7	7.4	77	GV1b-4	--	--	0.5	11.6	8.9	79
GV1b-5	--	58	3.6	12.2	8.0	76	GV1b-5	--	66	0.0	20.4	0.1	80
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.7	5.1	14	78	GV2-1	--	--	2.8	13.6	8	76
GV2-2	--	64	2.8	4.8	14	78	GV2-2	--	80	0.3	12.8	8	79
GV2-3	--	62	2.9	4.5	14	79	GV2-3	--	78	5.1	4.2	16	75
GV2-4	--	72	3.1	5.9	14	77	GV2-4	--	80	5.0	5.5	15	75
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	55.5	0.0	30	15	GV3-1	--	--	54.4	0.3	30	15
GV3-2	--	--	58.4	0.0	30	12	GV3-2	--	--	39.7	1.8	25	34
GV3-3	--	--	56.2	0.0	30	14	GV3-3	--	--	0.2	17.4	3.5	79
GV3-4	--	58	55.9	0.0	30	14	GV3-4	--	72	1.8	8.7	11	79
GV3-5	--	--	55.3	0.0	30	15	GV3-5	--	--	4.6	6.5	13	76
GV3-6	--	--	54.8	0.3	30	15	GV3-6	--	--	2.4	0.4	16	81
GV3-7	--	--	53.0	0.9	29	17	GV3-7	--	--	1.8	1.8	14	83
GV3-8	--	--	50.9	1.9	28	19	GV3-8	--	--	1.6	1.7	16	81
GV3-9	--	--	55.0	0.0	29	16	GV3-9	--	--	6.2	4.6	13	76
GV3-10 X	--	--	54.0	0.2	29	17	**GV3-10 X**	--	--	0.7	8.2	14	77
GV3-11	--	--	52.7	0.8	29	18	GV3-11	--	--	0.7	2.8	15	82
GV3-12	--	--	54.9	0.1	29	16	GV3-12	--	--	0.8	5.8	14	79
GV3-13	--	--	45.6	1.7	26	27	GV3-13	--	--	1.2	4.3	15	80
GV3-14	--	--	43.7	1.8	26	29	GV3-14	--	--	22.7	0.0	20	57
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	62	18.0	7.4	15	60	GV4-C	--	72	0.7	6.3	12	81
GV4-B	--	--	18.3	7.5	15	59	GV4-B	--	--	0.7	1.1	15	83
GV4-A	--	--	24.1	2.9	21	52	GV4-A	--	--	1.9	0.3	14	84
GV4-1	--	--	21.2	4.3	19	56	GV4-1	--	--	3.6	12.5	6.5	77
GV4-2	--	--	24.6	1.6	22	52	GV4-2	--	--	4.9	10.0	11	74
GV4-3	--	--	26.2	0.2	24	50	GV4-3	--	--	1.9	9.5	11	78
GV4-4 X	--	--	0.4	18.6	0.8	80	**GV4-4 X**	--	--	0.0	20.5	0.3	79
GV4-5	--	--	26.6	0.9	23	50	GV4-5	--	--	6.2	8.5	12	73
GV4-6	--	--	26.3	0.1	24	50	GV4-6	--	--	1.6	9.3	11	78
GV4-7	--	--	27.0	0.3	24	49	GV4-7	--	--	20.1	3.9	21	55
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	62	9.7	0.9	14	75	GV5-1	--	80	0.3	20.4	0.2	79
GV5-2	--	--	5.1	1.4	15	79	GV5-2	--	--	0.0	20.8	0.0	79
GV5-3	--	--	0.3	11.4	6.5	82	GV5-3	--	--	0.2	18.8	2.1	79
GV5-4	--	--	0.4	13.9	5.0	81	GV5-4	--	--	0.4	19.4	1.3	79
GV5-5	--	--	0.2	14.2	4.6	81	GV5-5	--	--	0.0	20.1	0.8	79
GV5-6	--	--	0.2	11.1	8.0	81	GV5-6	--	--	1.1	18.1	3.7	77
GV5-7	--	--	0.1	13.1	5.6	81	GV5-7	--	--	0.9	17.0	2.1	80
GV5-8	--	--	0.2	15.8	3.4	81	GV5-8	--	--	0.0	16.3	3.8	80
GV5-9	--	--	0.1	17.2	3.2	80	GV5-9	--	--	0.0	19.5	0.9	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 13 - May 19						Week of:	May 27 - Jun 02					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	3.4	10.8	10	76	EW-1	--	--	9.6	5.3	18	67
EW-2	--	--	0.0	18.7	1.8	80	EW-2	--	--	0.0	11.2	10.0	79
EW-3	--	--	17.1	1.5	20	61	EW-3	--	--	18.8	1.8	20	59
EW-4	--	--	23.2	0.4	23	53	EW-4	--	--	19.7	0.8	23	57
EW-5	--	--	29.6	0.1	23	47	EW-5	--	--	31.6	0.0	28	40
EW-6	--	--	62.0	0.0	24	14	EW-6	--	--	26.2	0.0	24	50
EW-7	--	--	16.4	0.2	23	59	EW-7	--	--	26.6	0.0	25	48
EW-8	--	--	28.1	0.0	25	49	EW-8	--	--	31.5	0.0	28	41
EW-9	--	--	31.8	0.0	27	41	EW-9	--	--	36.7	0.0	29	34
EW-10	--	--	6.0	6.9	10	75	EW-10	--	--	0.7	7.6	8	83
EW-11	--	--	11.5	6.3	15	67	EW-11	--	--	0.6	18.8	2	79
EW-12	--	--	0.0	15.3	4.8	80	EW-12	--	--	0.4	16.4	4.1	79
SW1	--	--	24.4	0.2	17	58	SW1	--	--	34.0	0.0	27	39
SW2	--	--	17.8	7.6	17	58	SW2	--	--	31.4	0.0	27	42
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	41.3	0.0	32	27	NW1	--	--	8.2	0.4	23	68
NW2	--	--	40.9	0.0	32	27	NW2	--	--	41.7	0.0	32	26
NW3	--	--	45.2	0.0	35	20	NW3	--	--	35.9	0.0	31	33
NW4	--	--	54.0	0.0	35	11	NW4	--	--	20.5	0.0	24	56
NW5	--	--	40.0	0.0	32	28	NW5	--	--	8.7	0.0	22	69
NW6	--	--	45.3	0.0	36	19	NW6	--	--	65.7	0.0	36	0
NW7	--	--	62.0	0.0	36	2	NW7	--	--	48.4	0.0	34	18
NW8	--	--	51.4	0.0	35	14	NW8	--	--	5.3	0.0	22	73
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 6/20/2013

Subject: LFG Monitoring Summary - Week of 06/10/13 - 06/16/13

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 16, 2013 with temps of 70 to 78°F and mostly cloudy conditions.
Vacuum readings were last taken on June 16, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/10/2013	--	--	11:00	--	--	3:30	--	--	4.5
6/11/2013	--	--	11:00	--	--	3:30	--	--	4.5
6/12/2013	--	--	11:00	--	--	3:30	--	--	4.5
6/13/2013	--	--	11:00#	--	--	--	--	--	0.0
6/14/2013	--	--	--	--	--	--	--	--	0.0
6/15/2013	--	--	--	--	--	--	--	--	0.0
6/16/2013	--	--	--	--	12:00	3:30	--	--	3.5
								Total Hrs. =	17.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/10/2013	--	--	--	--	--
6/11/2013	--	--	--	--	--
6/12/2013	CPs 1-5, TGP/GPs	12:30 - 4:30P	0.0	29.92 - 29.83	F
6/13/2013	--	--	--	--	--
6/14/2013	--	--	--	--	--
6/15/2013	--	--	--	--	--
6/16/2013	TGP/GPs, GVs, E&SWs	12:00 - 4:00P	0.0	30.00 - 29.97	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Jun		11-Jun		12-Jun		13-Jun		14-Jun		15-Jun		16-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	0.0	20.1	--	--	--	--	--	--	--	--
CP1-2	--	--	--	--	0.0	16.4	--	--	--	--	--	--	--	--
CP1-3	--	--	--	--	0.0	16.2	--	--	--	--	--	--	--	--
CP1-4	--	--	--	--	0.0	15.0	--	--	--	--	--	--	--	--
CP1-5	--	--	--	--	0.0	15.4	--	--	--	--	--	--	--	--
CP1-7	--	--	--	--	0.0	17.8	--	--	--	--	--	--	--	--
CP1-9	--	--	--	--	0.0	17.9	--	--	--	--	--	--	--	--
CP1-11	--	--	--	--	0.0	16.7	--	--	--	--	--	--	--	--
CP1-13	--	--	--	--	0.0	16.3	--	--	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	0.0	19.4	--	--	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	0.0	16.6	--	--	--	--	--	--	--	--
CP1b-2R	--	--	--	--	0.0	19.5	--	--	--	--	--	--	--	--
CP1b-4R	--	--	--	--	0.0	19.4	--	--	--	--	--	--	--	--
CP1b-6R	--	--	--	--	0.0	19.3	--	--	--	--	--	--	--	--
TGP1b-E	--	--	--	--	0.0	20.5	--	--	--	--	--	--	--	--
TGP1b-A	--	--	--	--	0.0	20.4	--	--	--	--	--	--	--	--
TGP1b-F	--	--	--	--	0.0	20.5	--	--	--	--	--	--	--	--
TGP1b-B	--	--	--	--	0.0	20.7	--	--	--	--	--	--	--	--
TGP1b-G	--	--	--	--	0.0	19.7	--	--	--	--	--	--	--	--
TGP1b-C	--	--	--	--	0.0	20.7	--	--	--	--	--	--	--	--
TGP1b-H	--	--	--	--	0.0	19.5	--	--	--	--	--	--	--	--
TGP1b-D	--	--	--	--	0.0	20.6	--	--	--	--	--	--	--	--
GP-03	--	--	--	--	0.0	18.4	--	--	--	--	--	--	--	--
TGP-82	--	--	--	--	0.0	18.3	--	--	--	--	--	--	--	--
GP-04	--	--	--	--	0.0	20.1	--	--	--	--	--	--	--	--
TGP-83	--	--	--	--	0.0	19.4	--	--	--	--	--	--	--	--
CP2-1	--	--	--	--	0.0	20.0	--	--	--	--	--	--	--	--
CP2-2	--	--	--	--	0.0	19.9	--	--	--	--	--	--	--	--
CP2-4R	--	--	--	--	0.0	19.0	--	--	--	--	--	--	--	--
CP2-5R	--	--	--	--	0.0	20.2	--	--	--	--	--	--	--	--
CP-6R	--	--	--	--	0.0	19.6	--	--	--	--	--	--	--	--
CP2-7	--	--	--	--	0.0	19.2	--	--	--	--	--	--	--	--
CP2-9	--	--	--	--	0.0	19.0	--	--	--	--	--	--	--	--
TGP-06	--	--	--	--	0.0	17.3	--	--	--	--	--	--	--	--
TGP-East	--	--	--	--	0.0	15.8	--	--	--	--	--	--	--	--
TGP-Dads	--	--	--	--	0.0	18.5	--	--	--	--	--	--	--	--
CP3-1RR	--	--	--	--	0.0	15.6	--	--	--	--	--	--	--	--
CP3-2R	--	--	--	--	0.0	17.2	--	--	--	--	--	--	--	--
CP3-4R	--	--	--	--	0.0	20.4	--	--	--	--	--	--	--	--
CP3-5R	--	--	--	--	0.0	19.6	--	--	--	--	--	--	--	--
CP3-7R	--	--	--	--	0.0	19.4	--	--	--	--	--	--	--	--
CP3-8R	--	--	--	--	0.0	20.3	--	--	--	--	--	--	--	--
CP3-9	--	--	--	--	0.0	19.8	--	--	--	--	--	--	--	--
CP3-10R	--	--	--	--	0.0	20.0	--	--	--	--	--	--	--	--
CP3-12R	--	--	--	--	0.0	19.1	--	--	--	--	--	--	--	--
CP3-13R	--	--	--	--	0.0	19.5	--	--	--	--	--	--	--	--
CP3-14R	--	--	--	--	0.0	20.1	--	--	--	--	--	--	--	--
CP3-15R	--	--	--	--	0.0	19.1	--	--	--	--	--	--	--	--
TGP-89	--	--	--	--	0.0	18.3	--	--	--	--	--	--	--	--
CP4-A	--	--	--	--	0.0	19.0	--	--	--	--	--	--	--	--
CP4-B	--	--	--	--	0.0	17.7	--	--	--	--	--	--	--	--
CP4-C	--	--	--	--	0.0	17.8	--	--	--	--	--	--	--	--
CP4-1	--	--	--	--	0.0	15.5	--	--	--	--	--	--	--	--
CP4-2	--	--	--	--	0.0	16.6	--	--	--	--	--	--	--	--
CP4-3	--	--	--	--	0.0	18.6	--	--	--	--	--	--	--	--
CP4-4	--	--	--	--	0.0	19.8	--	--	--	--	--	--	--	--
CP4-6	--	--	--	--	0.0	20.0	--	--	--	--	--	--	--	--
CP5-1R	--	--	--	--	0.0	19.4	--	--	--	--	--	--	--	--
CP5-3R	--	--	--	--	0.0	17.1	--	--	--	--	--	--	--	--
CP5-4R	--	--	--	--	0.0	17.0	--	--	--	--	--	--	--	--
CP5-6	--	--	--	--	0.0	17.1	--	--	--	--	--	--	--	--
CP5-8	--	--	--	--	0.0	17.0	--	--	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	10-Jun		11-Jun		12-Jun		13-Jun		14-Jun		15-Jun		16-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.9
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.5
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.5
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-69	--	--	--	--	0.0	19.8	--	--	--	--	--	--	--	--
TGP-90	--	--	--	--	0.0	19.2	--	--	--	--	--	--	--	--
GP-17	--	--	--	--	0.0	16.8	--	--	--	--	--	--	--	--
TGP-91	--	--	--	--	0.0	19.9	--	--	--	--	--	--	--	--
GP-18	--	--	--	--	0.0	20.2	--	--	--	--	--	--	--	--
TGP-73	--	--	--	--	0.0	17.5	--	--	--	--	--	--	--	--
TGP-74	--	--	--	--	0.0	17.4	--	--	--	--	--	--	--	--
TGP-84	--	--	--	--	0.0	18.0	--	--	--	--	--	--	--	--
TGP-75	--	--	--	--	0.0	14.8	--	--	--	--	--	--	--	--
TGP-85	--	--	--	--	0.0	18.7	--	--	--	--	--	--	--	--
TGP-72	--	--	--	--	0.0	16.8	--	--	--	--	--	--	--	--
TGP-86	--	--	--	--	0.0	17.2	--	--	--	--	--	--	--	--
TGP-32	--	--	--	--	0.0	19.3	--	--	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 27 - Jun 02						Week of:	Jun 10 - Jun 16					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-1.71	--	--	--	--	--
GV1-1	--	70	4.4	1.4	19	75	GV1-1	--	68	10.0	3.8	20	66
GV1-2	--	--	29.4	0.0	27	44	GV1-2	--	--	28.6	0.0	23	48
GV1-3	--	--	18.7	0.0	24	57	GV1-3	--	--	12.2	4.5	19	64
GV1-4	--	--	24.4	3.0	23	50	GV1-4	--	--	20.6	4.9	23	52
GV1-5	--	--	14.9	0.3	23	62	GV1-5	--	--	18.4	0.4	24	58
GV1-6	--	--	5.9	1.1	22	71	GV1-6	--	--	22.7	0.2	27	50
GV1-7	--	--	0.1	19.9	0.3	80	GV1-7	--	72	0.4	19.3	0.8	80
GV1-8	--	--	3.5	0.8	22	74	GV1-8	--	--	5.4	0.8	22	72
GV1-9	--	--	0.4	2.6	17	80	GV1-9	--	--	9.9	0.0	23	67
GV1-10X	--	--	9.5	1.2	21	68	**GV1-10X**	--	--	9.1	0.3	22	69
GV1-11	--	--	8.2	2.1	19	71	GV1-11	--	--	11.0	1.1	21	67
GV1-12	--	--	9.1	1.7	19	70	GV1-12	--	--	10.9	0.9	21	67
GV1-13	--	--	4.6	0.0	20	75	GV1-13	--	--	6.4	0.0	21	73
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-0.97	--	--	--	--	--
GV1b-1	--	--	0.7	14.2	6.2	79	GV1b-1	--	--	0.7	11.2	9.4	79
GV1b-2	--	--	0.1	19.7	0.6	80	GV1b-2	--	--	0.8	19.9	0.9	79
GV1b-3	--	--	0.5	16.7	3.8	79	GV1b-3	--	--	5.8	6.4	15	73
GV1b-4	--	--	0.5	11.8	8.9	79	GV1b-4	--	--	0.5	5.5	16	78
GV1b-5	--	66	0.0	20.4	0.1	80	GV1b-5	--	66	5.0	5.2	15	75
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.18	--	--	--	--	--
GV2-1	--	--	2.8	13.6	8	76	GV2-1	--	--	2.5	12.2	9.1	76
GV2-2	--	80	0.3	12.6	8	79	GV2-2	--	78	1.5	5.9	13	80
GV2-3	--	78	5.1	4.2	16	75	GV2-3	--	80	9.6	1.8	18	71
GV2-4	--	80	5.0	5.5	15	75	GV2-4	--	82	9.2	1.9	17	72
LEG 3	--	--	--	--		--	**LEG 3**	-0.21	--	--	--		--
GV3-1	--	--	54.4	0.3	30	15	GV3-1	--	--	53.7	0.0	30	16
GV3-2	--	--	39.7	1.8	25	34	GV3-2	--	--	40.0	0.8	27	32
GV3-3	--	--	0.2	17.4	3.5	79	GV3-3	--	--	4.2	8.4	15	72
GV3-4	--	72	1.6	8.7	11	79	GV3-4	--	82	7.0	2.0	17	74
GV3-5	--	--	4.6	6.5	13	76	GV3-5	--	--	5.2	3.9	11	80
GV3-6	--	--	2.4	0.4	16	81	GV3-6	--	--	2.7	0.2	18	79
GV3-7	--	--	1.6	1.8	14	83	GV3-7	--	--	1.1	1.6	14	83
GV3-8	--	--	1.6	1.7	16	81	GV3-8	--	--	1.8	0.1	16	82
GV3-9	--	--	6.2	4.6	13	76	GV3-9	--	--	4.4	3.8	14	78
GV3-10 X	--	--	0.7	8.2	14	77	**GV3-10 X**	--	--	0.3	4.4	14	81
GV3-11	--	--	0.7	2.8	15	82	GV3-11	--	--	1.4	1.7	17	80
GV3-12	--	--	0.8	5.8	14	79	GV3-12	--	--	0.9	4.2	15	80
GV3-13	--	--	1.2	4.3	15	80	GV3-13	--	--	0.4	3.9	15	81
GV3-14	--	--	22.7	0.0	20	57	GV3-14	--	--	22.1	0.2	22	56
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.27	--	--	--	--	--
GV4-C	--	72	0.7	6.3	12	81	GV4-C	--	72	0.9	5.7	13	80
GV4-B	--	--	0.7	1.1	15	83	GV4-B	--	--	0.5	0.9	16	83
GV4-A	--	--	1.9	0.3	14	84	GV4-A	--	--	1.4	0.3	15	83
GV4-1	--	--	3.8	12.5	6.5	77	GV4-1	--	--	5.1	10.0	10	75
GV4-2	--	--	4.9	10.0	11	74	GV4-2	--	--	5.9	10.1	11	73
GV4-3	--	--	1.9	9.5	11	78	GV4-3	--	--	2.4	7.8	12	78
GV4-4 X	--	--	0.0	20.5	0.3	79	**GV4-4 X**	--	--	0.1	20.4	0.4	79
GV4-5	--	--	6.2	8.5	12	73	GV4-5	--	--	7.3	9.3	12	71
GV4-6	--	--	1.6	9.3	11	78	GV4-6	--	--	2.5	6.5	12	79
GV4-7	--	--	20.1	3.9	21	55	GV4-7	--	--	22.1	0.5	23	54
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.48	--	--	--	--	--
GV5-1	--	80	0.3	20.4	0.2	79	GV5-1	--	78	0.2	20.6	0.2	79
GV5-2	--	--	0.0	20.8	0.0	79	GV5-2	--	--	0.1	20.7	0.1	79
GV5-3	--	--	0.2	18.8	2.1	79	GV5-3	--	--	0.1	20.8	0.1	79
GV5-4	--	--	0.4	19.4	1.3	79	GV5-4	--	--	0.3	18.7	2.1	79
GV5-5	--	--	0.0	20.1	0.8	79	GV5-5	--	--	0.3	20.0	1.0	79
GV5-6	--	--	1.1	18.1	3.7	77	GV5-6	--	--	0.3	17.7	3.0	79
GV5-7	--	--	0.9	17.0	2.1	80	GV5-7	--	--	0.2	19.1	1.7	79
GV5-8	--	--	0.0	16.3	3.8	80	GV5-8	--	--	0.0	15.8	5.0	79
GV5-9	--	--	0.0	19.5	0.9	80	GV5-9	--	--	0.0	19.5	1.3	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	May 27 - Jun 02						Week of:	Jun 10 - Jun 16					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	9.6	5.3	18	67	EW-1	-0.49	--	13.8	0.7	23	63
EW-2	--	--	0.0	11.2	10.0	79	EW-2	-0.24	--	0.1	6.6	14	79
EW-3	--	--	18.6	1.8	20	59	EW-3	-0.22	--	19.1	0.7	22	58
EW-4	--	--	19.7	0.6	23	57	EW-4	--	--	21.6	0.2	23	55
EW-5	--	--	31.6	0.0	28	40	EW-5	--	--	27.6	0.0	30	42
EW-6	--	--	26.2	0.0	24	50	EW-6	--	--	24.5	0.0	24	52
EW-7	--	--	26.8	0.0	25	48	EW-7	--	--	24.1	0.0	24	52
EW-8	--	--	31.5	0.0	28	41	EW-8	--	--	33.1	0.0	29	38
EW-9	--	--	36.7	0.0	29	34	EW-9	--	--	29.9	0.0	28	42
EW-10	--	--	0.7	7.6	8	83	EW-10	-0.28	--	1.2	5.7	10	83
EW-11	--	--	0.6	18.8	2	79	EW-11	-0.59	--	1.0	17.3	4.2	78
EW-12	--	--	0.4	16.4	4.1	79	EW-12	-0.45	--	0.3	14.8	6.7	78
SW1	--	--	34.0	0.0	27	39	SW1	--	--	18.2	4.9	18	59
SW2	--	--	31.4	0.0	27	42	SW2	--	--	20.2	0.2	20	60
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.2	0.4	23	68	NW1	--	--	14.4	0.0	24	62
NW2	--	--	41.7	0.0	32	26	NW2	--	--	41.5	0.0	33	26
NW3	--	--	35.9	0.0	31	33	NW3	--	--	36.4	0.0	33	31
NW4	--	--	20.5	0.0	24	56	NW4	--	--	22.8	0.0	26	51
NW5	--	--	8.7	0.0	22	69	NW5	--	--	9.5	0.0	22	69
NW6	--	--	65.7	0.0	35	0	NW6	--	--	52.7	0.0	27	20
NW7	--	--	46.4	0.0	34	18	NW7	--	--	61.4	0.0	28	11
NW8	--	--	5.3	0.0	22	73	NW8	--	--	10.7	0.0	24	65
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

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REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/1/2013

Subject: LFG Monitoring Summary - Week of 06/24/13 - 06/30/13

Summary: All CPs remained in compliance this two week period.
There was one (1) flare flame failure due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed June 30, 2013 with temps of 68 to 76°F and mostly cloudy conditions.
Vacuum readings were last taken on June 16, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
6/24/2013	--	--	10:30	--	--	3:00	--	--	4.5
6/25/2013	--	--	10:30	--	--	3:00	--	--	4.5
6/26/2013	--	--	10:30	--	--	3:00	--	--	4.5
6/27/2013	--	--	10:30#	--	--	--	--	--	0.0
6/28/2013	--	--	--	--	--	--	--	--	0.0
6/29/2013	--	--	10:30	--	--	3:00	--	--	4.5
6/30/2013	--	--	10:30	--	--	3:00	--	--	4.5
								Total Hrs. =	22.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
6/24/2013	--	--	--	--	--
6/25/2013	--	--	--	--	--
6/26/2013	--	--	--	--	--
6/27/2013	--	--	--	--	--
6/28/2013	--	--	--	--	--
6/29/2013	CPs 1-5, TGP/GPs	10:00 - 2:00P	0.0	29.63 - 29.60	F
6/30/2013	TGP/GPs, GVs, E&SWs	10:30 - 2:30P	0.0	29.78	S

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Jun		25-Jun		26-Jun		27-Jun		28-Jun		29-Jun		30-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	0.0	20.4	--	--
CP1-2	--	--	--	--	--	--	--	--	--	--	0.0	16.3	--	--
CP1-3	--	--	--	--	--	--	--	--	--	--	0.0	13.2	--	--
CP1-4	--	--	--	--	--	--	--	--	--	--	0.0	12.7	--	--
CP1-5	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
CP1-7	--	--	--	--	--	--	--	--	--	--	0.0	17.6	--	--
CP1-9	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--
CP1-11	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
CP1-13	--	--	--	--	--	--	--	--	--	--	0.0	15.4	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	0.0	15.2	--	--
CP1b-2R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP1b-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
CP1b-6R	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP1b-E	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
TGP1b-A	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP1b-F	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
TGP1b-B	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP1b-G	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP1b-C	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
TGP1b-H	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
TGP1b-D	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
GP-03	--	--	--	--	--	--	--	--	--	--	0.0	18.1	--	--
TGP-82	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
GP-04	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-83	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP2-1	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP2-2	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP2-4R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP2-5R	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
CP-6R	--	--	--	--	--	--	--	--	--	--	0.0	19.1	--	--
CP2-7	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
CP2-9	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-06	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
TGP-East	--	--	--	--	--	--	--	--	--	--	0.0	20.0	--	--
TGP-Deds	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	0.0	16.4	--	--
CP3-2R	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP3-4R	--	--	--	--	--	--	--	--	--	--	0.0	20.1	--	--
CP3-5R	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP3-7R	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-8R	--	--	--	--	--	--	--	--	--	--	0.0	20.6	--	--
CP3-9	--	--	--	--	--	--	--	--	--	--	0.0	20.2	--	--
CP3-10R	--	--	--	--	--	--	--	--	--	--	0.0	20.5	--	--
CP3-12R	--	--	--	--	--	--	--	--	--	--	0.0	19.2	--	--
CP3-13R	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
CP3-14R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP3-15R	--	--	--	--	--	--	--	--	--	--	0.0	19.4	--	--
TGP-89	--	--	--	--	--	--	--	--	--	--	0.0	19.8	--	--
CP4-A	--	--	--	--	--	--	--	--	--	--	0.0	17.9	--	--
CP4-B	--	--	--	--	--	--	--	--	--	--	0.0	19.6	--	--
CP4-C	--	--	--	--	--	--	--	--	--	--	0.0	18.2	--	--
CP4-1	--	--	--	--	--	--	--	--	--	--	0.0	13.1	--	--
CP4-2	--	--	--	--	--	--	--	--	--	--	0.0	17.4	--	--
CP4-3	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP4-4	--	--	--	--	--	--	--	--	--	--	0.0	19.3	--	--
CP4-6	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP5-1R	--	--	--	--	--	--	--	--	--	--	0.0	18.9	--	--
CP5-3R	--	--	--	--	--	--	--	--	--	--	0.0	16.7	--	--
CP5-4R	--	--	--	--	--	--	--	--	--	--	0.0	18.0	--	--
CP5-6	--	--	--	--	--	--	--	--	--	--	0.0	15.8	--	--
CP5-8	--	--	--	--	--	--	--	--	--	--	0.0	16.5	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	24-Jun		25-Jun		26-Jun		27-Jun		28-Jun		29-Jun		30-Jun	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.5
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.2
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.7
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	9.9
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-69	--	--	--	--	--	--	--	--	--	--	0.0	19.9	--	--
TGP-90	--	--	--	--	--	--	--	--	--	--	0.0	18.3	--	--
GP-17	--	--	--	--	--	--	--	--	--	--	0.0	15.0	--	--
TGP-91	--	--	--	--	--	--	--	--	--	--	0.0	18.6	--	--
GP-18	--	--	--	--	--	--	--	--	--	--	0.0	19.7	--	--
TGP-73	--	--	--	--	--	--	--	--	--	--	0.0	16.9	--	--
TGP-74	--	--	--	--	--	--	--	--	--	--	0.0	17.5	--	--
TGP-84	--	--	--	--	--	--	--	--	--	--	0.0	18.4	--	--
TGP-75	--	--	--	--	--	--	--	--	--	--	0.0	15.6	--	--
TGP-85	--	--	--	--	--	--	--	--	--	--	0.0	18.7	--	--
TGP-72	--	--	--	--	--	--	--	--	--	--	0.0	18.8	--	--
TGP-86	--	--	--	--	--	--	--	--	--	--	0.0	17.0	--	--
TGP-32	--	--	--	--	--	--	--	--	--	--	0.0	17.7	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 10 - Jun 16						Week of:	Jun 24 - Jun 30					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-1.71	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	66	10.0	3.8	20	66	GV1-1	--	62	6.0	0.0	22	72
GV1-2	--	--	28.6	0.0	23	48	GV1-2	--	--	25.7	2.8	25	47
GV1-3	--	--	12.2	4.5	19	64	GV1-3	--	--	29.8	0.0	30	40
GV1-4	--	--	20.6	4.9	23	52	GV1-4	--	--	32.2	0.0	30	38
GV1-5	--	--	19.4	0.4	24	56	GV1-5	--	--	22.6	0.0	27	50
GV1-6	--	--	22.7	0.2	27	50	GV1-6	--	--	22.5	0.0	27	51
GV1-7	--	72	0.4	19.3	0.8	80	GV1-7	--	60	0.4	18.4	1.5	80
GV1-8	--	--	5.4	0.8	22	72	GV1-8	--	--	8.2	0.3	23	69
GV1-9	--	--	9.9	0.0	23	67	GV1-9	--	--	11.9	0.0	24	64
GV1-10X	--	--	9.1	0.3	22	69	**GV1-10X**	--	--	9.7	0.0	24	66
GV1-11	--	--	11.0	1.1	21	67	GV1-11	--	--	10.4	0.0	22	68
GV1-12	--	--	10.9	0.9	21	67	GV1-12	--	--	11.8	0.0	24	64
GV1-13	--	--	6.4	0.0	21	73	GV1-13	--	--	7.0	0.0	22	71
LEG 1b	-0.97	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	11.2	9.4	79	GV1b-1	--	--	0.7	12.8	8.1	78
GV1b-2	--	--	0.8	19.9	0.9	79	GV1b-2	--	--	0.2	17.1	3.3	79
GV1b-3	--	--	5.8	8.4	15	73	GV1b-3	--	--	1.1	11.7	8.6	79
GV1b-4	--	--	0.5	5.5	16	78	GV1b-4	--	--	0.5	10.0	10	80
GV1b-5	--	66	5.0	5.2	15	75	GV1b-5	--	60	3.8	7.5	13	76
LEG 2	-0.18	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.5	12.2	9.1	76	GV2-1	--	--	1.7	13.9	7.1	77
GV2-2	--	76	1.5	5.9	13	80	GV2-2	--	60	0.4	10.5	9.4	80
GV2-3	--	80	9.6	1.8	18	71	GV2-3	--	60	1.7	5.8	14	79
GV2-4	--	82	9.2	1.9	17	72	GV2-4	--	64	1.7	5.7	14	79
LEG 3	-0.21	--	--	--		--	**LEG 3**	--	--	--	--		--
GV3-1	--	--	53.7	0.0	30	16	GV3-1	--	--	55.8	0.0	31	13
GV3-2	--	--	40.0	0.8	27	32	GV3-2	--	--	34.0	0.0	24	42
GV3-3	--	--	4.2	8.4	15	72	GV3-3	--	--	0.5	13.2	8.6	78
GV3-4	--	62	7.0	2.0	17	74	GV3-4	--	66	6.9	3.9	17	72
GV3-5	--	--	5.2	3.9	11	80	GV3-5	--	--	4.2	5.1	18	75
GV3-6	--	--	2.7	0.2	18	79	GV3-6	--	--	1.6	0.9	18	80
GV3-7	--	--	1.1	1.6	14	83	GV3-7	--	--	0.9	1.8	15	83
GV3-8	--	--	1.8	0.1	16	82	GV3-8	--	--	2.3	0.0	17	81
GV3-9	--	--	4.4	3.8	14	78	GV3-9	--	--	4.2	4.0	15	77
GV3-10 X	--	--	0.3	4.4	14	81	**GV3-10 X**	--	--	0.2	4.4	14	81
GV3-11	--	--	1.4	1.7	17	80	GV3-11	--	--	1.4	1.7	17	80
GV3-12	--	--	0.9	4.2	15	80	GV3-12	--	--	1.4	5.4	14	79
GV3-13	--	--	0.4	3.9	15	81	GV3-13	--	--	0.1	7.0	13	80
GV3-14	--	--	22.1	0.2	22	56	GV3-14	--	--	19.8	1.2	20	59
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.27	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	72	0.9	5.7	13	80	GV4-C	--	74	0.9	5.8	13	80
GV4-B	--	--	0.5	0.9	16	83	GV4-B	--	--	0.6	0.8	17	82
GV4-A	--	--	1.4	0.3	15	83	GV4-A	--	--	1.5	2.4	14	82
GV4-1	--	--	5.1	10.0	10	75	GV4-1	--	--	4.6	12.0	7.5	76
GV4-2	--	--	5.9	10.1	11	73	GV4-2	--	--	14.2	1.0	22	63
GV4-3	--	--	2.4	7.8	12	78	GV4-3	--	--	2.3	8.6	11	78
GV4-4 X	--	--	0.1	20.4	0.4	79	**GV4-4 X**	--	--	0.3	19.2	0.9	80
GV4-5	--	--	7.3	9.3	12	71	GV4-5	--	--	16.9	1.2	22	60
GV4-6	--	--	2.5	6.5	12	79	GV4-6	--	--	2.4	7.3	12	78
GV4-7	--	--	22.1	0.5	23	54	GV4-7	--	--	22.0	0.0	23	55
LEG 5	-0.48	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	78	0.2	20.6	0.2	79	GV5-1	--	82	0.9	18.4	0.9	80
GV5-2	--	--	0.1	20.7	0.1	79	GV5-2	--	--	0.5	19.2	0.7	80
GV5-3	--	--	0.1	20.6	0.1	79	GV5-3	--	--	23.8	1.7	24	51
GV5-4	--	--	0.3	18.7	2.1	79	GV5-4	--	--	1.3	18.4	1.5	79
GV5-5	--	--	0.3	20.0	1.0	79	GV5-5	--	--	2.5	17.5	2.5	78
GV5-6	--	--	0.3	17.7	3.0	79	GV5-6	--	--	0.5	19.3	1.5	79
GV5-7	--	--	0.2	19.1	1.7	79	GV5-7	--	--	0.5	20.0	0.7	79
GV5-8	--	--	0.0	15.8	5.0	79	GV5-8	--	--	0.0	16.1	4.7	79
GV5-9	--	--	0.0	19.5	1.3	79	GV5-9	--	--	0.1	16.7	3.9	79

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter:
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 10 - Jun 16						Week of:	Jun 24 - Jun 30					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-0.49	--	13.8	0.7	23	63	EW-1	--	--	12.6	0.4	24	63
EW-2	-0.24	--	0.1	6.6	14	79	EW-2	--	--	0.1	9.8	11	79
EW-3	-0.22	--	19.1	0.7	22	58	EW-3	--	--	17.9	2.2	20	60
EW-4	--	--	21.6	0.2	23	55	EW-4	--	--	17.9	0.6	23	59
EW-5	--	--	27.6	0.0	30	42	EW-5	--	--	31.0	0.0	28	41
EW-6	--	--	24.5	0.0	24	52	EW-6	--	--	22.6	0.0	24	53
EW-7	--	--	24.1	0.0	24	52	EW-7	--	--	24.1	0.0	24	52
EW-8	--	--	33.1	0.0	29	38	EW-8	--	--	27.3	0.0	26	47
EW-9	--	--	29.9	0.0	28	42	EW-9	--	--	36.1	0.0	29	35
EW-10	-0.28	--	1.2	5.7	10	83	EW-10	--	--	1.1	7.1	10	82
EW-11	-0.59	--	1.0	17.3	4.2	78	EW-11	--	--	1.0	17.1	4.0	78
EW-12	-0.45	--	0.3	14.8	6.7	78	EW-12	--	--	0.2	12.9	6.2	81
SW1	--	--	18.2	4.9	18	59	SW1	--	--	32.3	0.0	31	37
SW2	--	--	20.2	0.2	20	60	SW2	--	--	30.1	0.0	29	41
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	14.4	0.0	24	62	NW1	--	--	12.3	0.0	24	64
NW2	--	--	41.5	0.0	33	26	NW2	--	--	43.9	0.0	34	22
NW3	--	--	36.4	0.0	33	31	NW3	--	--	43.4	0.0	35	22
NW4	--	--	22.8	0.0	26	51	NW4	--	--	23.2	0.0	27	50
NW5	--	--	9.5	0.0	22	69	NW5	--	--	11.7	0.0	22	66
NW6	--	--	52.7	0.0	27	20	NW6	--	--	47.0	0.0	35	18
NW7	--	--	61.4	0.0	28	11	NW7	--	--	60.4	0.0	38	2
NW8	--	--	10.7	0.0	24	65	NW8	--	--	10.5	0.0	23	67
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

August 9, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #222 – July 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for July 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

PAPER

Monthly Progress Report
Report #222 – July 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of July 2013 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (August 2013)

- Develop Monthly Progress Report (MPR) #222 summarizing activities in July 2013; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (August 2013)

- August 10 - Anticipated submittal of the July 2013 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	07/10/13	U.S. EPA	Monthly Progress Report for the Month of June 2013.

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/18/2013

Subject: LFG Monitoring Summary - Week of 07/08/13 - 07/14/13

Summary: All CPs remained in compliance this two week period.
There were no flare flame failures due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 9, 2013 with temps of 78 to 85°F and mostly cloudy conditions.
Vacuum readings were last taken on June 16, 2013.
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/8/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/9/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/10/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/11/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/12/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/13/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/14/2013	--	--	10:00	--	--	2:30	--	--	4.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/8/2013	--	--	--	--	--
7/9/2013	CPs 1-5, TGP/GPs, GVs, E&SWs	8:30A - 3:00 P	0.0	30.06 - 30.02	F
7/10/2013	--	--	--	--	--
7/11/2013	--	--	--	--	--
7/12/2013	--	--	--	--	--
7/13/2013	--	--	--	--	--
7/14/2013	--	--	--	--	--

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	8-Jul		9-Jul		10-Jul		11-Jul		12-Jul		13-Jul		14-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	0.0	17.7	--	--	--	--	--	--	--	--	--	--
CP1-2	--	--	0.0	15.7	--	--	--	--	--	--	--	--	--	--
CP1-3	--	--	0.0	12.7	--	--	--	--	--	--	--	--	--	--
CP1-4	--	--	0.0	13.8	--	--	--	--	--	--	--	--	--	--
CP1-5	--	--	0.0	15.4	--	--	--	--	--	--	--	--	--	--
CP1-7	--	--	0.0	16.1	--	--	--	--	--	--	--	--	--	--
CP1-9	--	--	0.0	17.5	--	--	--	--	--	--	--	--	--	--
CP1-11	--	--	0.0	17.0	--	--	--	--	--	--	--	--	--	--
CP1-13	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
GP-01 (for CP1-14)	--	--	0.0	18.7	--	--	--	--	--	--	--	--	--	--
GP-02 (for CP1b-1R)	--	--	0.0	15.6	--	--	--	--	--	--	--	--	--	--
CP1b-2R	--	--	0.0	16.4	--	--	--	--	--	--	--	--	--	--
CP1b-4R	--	--	0.0	17.2	--	--	--	--	--	--	--	--	--	--
CP1b-6R	--	--	0.0	18.0	--	--	--	--	--	--	--	--	--	--
TGP1b-E	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
TGP1b-A	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
TGP1b-F	--	--	0.0	19.7	--	--	--	--	--	--	--	--	--	--
TGP1b-B	--	--	0.0	19.3	--	--	--	--	--	--	--	--	--	--
TGP1b-G	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
TGP1b-C	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
TGP1b-H	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
TGP1b-D	--	--	0.0	19.2	--	--	--	--	--	--	--	--	--	--
GP-03	--	--	0.0	18.2	--	--	--	--	--	--	--	--	--	--
TGP-82	--	--	0.0	15.6	--	--	--	--	--	--	--	--	--	--
GP-04	--	--	0.0	19.7	--	--	--	--	--	--	--	--	--	--
TGP-83	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
CP2-1	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
CP2-2	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
CP2-4R	--	--	0.0	15.6	--	--	--	--	--	--	--	--	--	--
CP2-5R	--	--	0.0	19.5	--	--	--	--	--	--	--	--	--	--
CP-6R	--	--	0.0	19.3	--	--	--	--	--	--	--	--	--	--
CP2-7	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
CP2-9	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
TGP-06	--	--	0.0	17.5	--	--	--	--	--	--	--	--	--	--
TGP-East	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
TGP-Dads	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
CP3-1RR	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
CP3-2R	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
CP3-4R	--	--	0.0	19.4	--	--	--	--	--	--	--	--	--	--
CP3-5R	--	--	0.0	19.2	--	--	--	--	--	--	--	--	--	--
CP3-7R	--	--	0.0	19.6	--	--	--	--	--	--	--	--	--	--
CP3-8R	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
CP3-9	--	--	0.0	20.0	--	--	--	--	--	--	--	--	--	--
CP3-10R	--	--	0.0	19.2	--	--	--	--	--	--	--	--	--	--
CP3-12R	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
CP3-13R	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
CP3-14R	--	--	0.0	19.1	--	--	--	--	--	--	--	--	--	--
CP3-15R	--	--	0.0	19.6	--	--	--	--	--	--	--	--	--	--
TGP-89	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
CP4-A	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
CP4-B	--	--	0.0	18.6	--	--	--	--	--	--	--	--	--	--
CP4-C	--	--	0.0	16.3	--	--	--	--	--	--	--	--	--	--
CP4-1	--	--	0.0	16.6	--	--	--	--	--	--	--	--	--	--
CP4-2	--	--	0.0	17.0	--	--	--	--	--	--	--	--	--	--
CP4-3	--	--	0.0	17.4	--	--	--	--	--	--	--	--	--	--
CP4-4	--	--	0.0	18.0	--	--	--	--	--	--	--	--	--	--
CP4-6	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
CP5-1R	--	--	0.0	18.3	--	--	--	--	--	--	--	--	--	--
CP5-3R	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
CP5-4R	--	--	0.0	17.6	--	--	--	--	--	--	--	--	--	--
CP5-6	--	--	0.0	17.2	--	--	--	--	--	--	--	--	--	--
CP5-8	--	--	0.0	16.6	--	--	--	--	--	--	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	8-Jul		9-Jul		10-Jul		11-Jul		12-Jul		13-Jul		14-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	0.0	14.2	--	--	--	--	--	--	--	--	--	--
TGP-63	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
TGP-57	--	--	0.0	19.0	--	--	--	--	--	--	--	--	--	--
TGP-62	--	--	0.0	17.1	--	--	--	--	--	--	--	--	--	--
GP-12	--	--	0.0	17.8	--	--	--	--	--	--	--	--	--	--
TGP-60	--	--	0.0	17.2	--	--	--	--	--	--	--	--	--	--
TGP-65	--	--	0.0	17.5	--	--	--	--	--	--	--	--	--	--
TGP-66	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
TGP-67	--	--	0.0	18.8	--	--	--	--	--	--	--	--	--	--
TGP-68	--	--	0.0	18.2	--	--	--	--	--	--	--	--	--	--
TGP-53	--	--	0.0	10.7	--	--	--	--	--	--	--	--	--	--
TGP-59	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
TGP-58	--	--	0.0	17.6	--	--	--	--	--	--	--	--	--	--
GP-14	--	--	0.0	19.4	--	--	--	--	--	--	--	--	--	--
TGP-87	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
TGP-88	--	--	0.0	19.8	--	--	--	--	--	--	--	--	--	--
TGP-69	--	--	0.0	19.9	--	--	--	--	--	--	--	--	--	--
TGP-90	--	--	0.0	18.6	--	--	--	--	--	--	--	--	--	--
GP-17	--	--	0.0	14.6	--	--	--	--	--	--	--	--	--	--
TGP-91	--	--	0.0	18.1	--	--	--	--	--	--	--	--	--	--
GP-18	--	--	0.0	17.2	--	--	--	--	--	--	--	--	--	--
TGP-73	--	--	0.0	18.9	--	--	--	--	--	--	--	--	--	--
TGP-74	--	--	0.0	18.4	--	--	--	--	--	--	--	--	--	--
TGP-84	--	--	0.0	17.8	--	--	--	--	--	--	--	--	--	--
TGP-75	--	--	0.0	15.5	--	--	--	--	--	--	--	--	--	--
TGP-85	--	--	0.0	16.2	--	--	--	--	--	--	--	--	--	--
TGP-72	--	--	0.0	14.8	--	--	--	--	--	--	--	--	--	--
TGP-86	--	--	0.0	17.1	--	--	--	--	--	--	--	--	--	--
TGP-32	--	--	0.0	17.9	--	--	--	--	--	--	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 24 - Jun 30						Week of:	Jul 08 - Jul 14					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	62	6.0	0.0	22	72	GV1-1	--	62	24.6	4.2	23	48
GV1-2	--	--	25.7	2.8	25	47	GV1-2	--	--	29.7	1.5	29	40
GV1-3	--	--	29.6	0.0	30	40	GV1-3	--	--	33.4	0.4	31	35
GV1-4	--	--	32.2	0.0	30	38	GV1-4	--	--	32.8	0.8	29	38
GV1-5	--	--	22.6	0.0	27	50	GV1-5	--	--	27.0	0.3	28	45
GV1-6	--	--	22.5	0.0	27	51	GV1-6	--	--	27.6	0.2	29	43
GV1-7	--	60	0.4	18.4	1.5	80	GV1-7	--	60	0.3	18.9	0.7	80
GV1-8	--	--	8.2	0.3	23	69	GV1-8	--	--	23.7	5.4	23	48
GV1-9	--	--	11.9	0.0	24	64	GV1-9	--	--	16.1	1.4	24	59
GV1-10X	--	--	9.7	0.0	24	66	**GV1-10X**	--	--	20.0	3.7	23	53
GV1-11	--	--	10.4	0.0	22	68	GV1-11	--	--	6.4	1.1	22	71
GV1-12	--	--	11.8	0.0	24	64	GV1-12	--	--	11.4	2.8	22	64
GV1-13	--	--	7.0	0.0	22	71	GV1-13	--	--	8.8	0.6	22	69
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.7	12.8	8.1	78	GV1b-1	--	--	0.8	9.1	11	79
GV1b-2	--	--	0.2	17.1	3.3	79	GV1b-2	--	--	0.3	19.3	1.2	79
GV1b-3	--	--	1.1	11.7	8.6	79	GV1b-3	--	--	5.1	9.3	11	75
GV1b-4	--	--	0.5	10.0	10	80	GV1b-4	--	--	0.3	4.7	15	80
GV1b-5	--	60	3.6	7.5	13	76	GV1b-5	--	60	2.1	15.3	5.4	77
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	1.7	13.9	7.1	77	GV2-1	--	--	2.1	13.6	7.4	77
GV2-2	--	60	0.4	10.5	9.4	80	GV2-2	--	60	0.3	11.2	8.2	80
GV2-3	--	60	1.7	5.6	14	79	GV2-3	--	60	18.0	10.7	20	51
GV2-4	--	84	1.7	5.7	14	79	GV2-4	--	84	17.9	1.7	20	60
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	55.8	0.0	31	13	GV3-1	--	--	59.2	0.3	32	9
GV3-2	--	--	34.0	0.0	24	42	GV3-2	--	--	39.0	1.0	26	34
GV3-3	--	--	0.5	13.2	8.8	78	GV3-3	--	--	0.9	9.1	12	78
GV3-4	--	56	6.9	3.9	17	72	GV3-4	--	66	12.2	1.0	20	67
GV3-5	--	--	4.2	5.1	16	75	GV3-5	--	--	7.1	2.4	19	72
GV3-6	--	--	1.6	0.9	18	80	GV3-6	--	--	2.9	0.6	18	79
GV3-7	--	--	0.9	1.6	15	83	GV3-7	--	--	0.6	1.1	16	82
GV3-8	--	--	2.3	0.0	17	81	GV3-8	--	--	3.4	0.4	16	80
GV3-9	--	--	4.2	4.0	15	77	GV3-9	--	--	5.1	2.2	15	78
GV3-10 X	--	--	0.2	4.4	14	81	**GV3-10 X**	--	--	0.2	3.0	15	82
GV3-11	--	--	1.4	1.7	17	80	GV3-11	--	--	2.7	1.3	18	78
GV3-12	--	--	1.4	5.4	14	79	GV3-12	--	--	2.3	3.3	16	78
GV3-13	--	--	0.1	7.0	13	80	GV3-13	--	--	0.5	3.2	15	81
GV3-14	--	--	19.8	1.2	20	59	GV3-14	--	--	22.0	1.6	21	55
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	74	0.9	5.8	13	80	GV4-C	--	74	10.2	4.4	14	71
GV4-B	--	--	0.6	0.8	17	82	GV4-B	--	--	0.6	0.7	17	82
GV4-A	--	--	1.5	2.4	14	82	GV4-A	--	--	10.1	8.3	10	72
GV4-1	--	--	4.8	12.0	7.5	76	GV4-1	--	--	2.6	15.9	4.0	78
GV4-2	--	--	14.2	1.0	22	63	GV4-2	--	--	15.1	1.1	21	63
GV4-3	--	--	2.3	8.6	11	78	GV4-3	--	--	2.7	7.1	13	77
GV4-4 X	--	--	0.3	19.2	0.9	80	**GV4-4 X**	--	--	0.0	19.2	0.8	80
GV4-5	--	--	16.9	1.2	22	60	GV4-5	--	--	15.9	1.4	21	62
GV4-6	--	--	2.4	7.3	12	78	GV4-6	--	--	3.4	6.5	13	77
GV4-7	--	--	22.0	0.0	23	55	GV4-7	--	--	28.8	0.8	25	46
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	82	0.9	18.4	0.9	80	GV5-1	--	82	48.7	0.3	0.9	50
GV5-2	--	--	0.5	19.2	0.7	80	GV5-2	--	--	33.5	0.4	0.4	66
GV5-3	--	--	23.8	1.7	24	51	GV5-3	--	--	30.8	0.5	0.5	68
GV5-4	--	--	1.3	18.4	1.5	79	GV5-4	--	--	17.3	4.6	5.6	73
GV5-5	--	--	2.5	17.5	2.5	78	GV5-5	--	--	15.7	1.9	1.9	81
GV5-6	--	--	0.5	19.3	1.5	79	GV5-6	--	--	7.2	14.6	15	63
GV5-7	--	--	0.5	20.0	0.7	79	GV5-7	--	--	13.7	10.3	10	66
GV5-8	--	--	0.0	16.1	4.7	79	GV5-8	--	--	0.3	13.3	13	73
GV5-9	--	--	0.1	16.7	3.9	79	GV5-9	--	--	0.1	15.7	16	68

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jun 24 - Jun 30						Week of:	Jul 08 - Jul 14					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	12.6	0.4	24	63	EW-1	--	--	7.7	6.1	18	68
EW-2	--	--	0.1	9.8	11	79	EW-2	--	--	0.9	15.2	6.3	78
EW-3	--	--	17.9	2.2	20	60	EW-3	--	--	19.8	1.4	22	57
EW-4	--	--	17.9	0.8	23	59	EW-4	--	--	12.1	0.8	23	64
EW-5	--	--	31.0	0.0	28	41	EW-5	--	--	20.2	1.6	19	59
EW-6	--	--	22.6	0.0	24	53	EW-6	--	--	24.6	0.3	25	50
EW-7	--	--	24.1	0.0	24	52	EW-7	--	--	2.9	0.2	22	75
EW-8	--	--	27.3	0.0	26	47	EW-8	--	--	28.5	0.3	27	44
EW-9	--	--	38.1	0.0	29	35	EW-9	--	--	39.7	0.3	31	29
EW-10	--	--	1.1	7.1	10	82	EW-10	--	--	1.6	6.4	10	82
EW-11	--	--	1.0	17.1	4.0	78	EW-11	--	--	1.3	18.3	5.2	77
EW-12	--	--	0.2	12.9	6.2	81	EW-12	--	--	0.2	14.1	6.5	79
SW1	--	--	32.3	0.0	31	37	SW1	--	--	35.5	0.4	31	33
SW2	--	--	30.1	0.0	29	41	SW2	--	--	36.2	0.6	30	33
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	12.3	0.0	24	64	NW1	--	--	10.2	0.0	23	67
NW2	--	--	43.9	0.0	34	22	NW2	--	--	44.7	0.0	34	21
NW3	--	--	43.4	0.0	35	22	NW3	--	--	39.9	0.0	33	27
NW4	--	--	23.2	0.0	27	50	NW4	--	--	23.7	0.5	27	49
NW5	--	--	11.7	0.0	22	66	NW5	--	--	10.8	0.0	23	66
NW6	--	--	47.0	0.0	35	18	NW6	--	--	35.6	4.0	28	32
NW7	--	--	60.4	0.0	38	2	NW7	--	--	63.7	0.3	39	0
NW8	--	--	10.5	0.0	23	67	NW8	--	--	10.6	0.6	23	66
WC1	--	--	42.8	0.0	31	26	WC1	--	--	42.8	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 7/31/2013

Subject: LFG Monitoring Summary - Week of 07/23/13 - 07/29/13

Summary: All CPs remained in compliance this two week period.
There no (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed July 29, 2013 with temps of 63 to 75°F and scattered clouds.
Vacuum readings were last taken on June 16, 2013..
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
7/23/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/24/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/25/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/26/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/27/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/28/2013	--	--	10:00	--	--	2:30	--	--	4.5
7/29/2013	--	--	10:00	--	--	2:30	--	--	4.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
7/23/2013	--	--	--	--	--
7/24/2013	--	--	--	--	--
7/25/2013	--	--	--	--	--
7/26/2013	--	--	--	--	--
7/27/2013	--	--	--	--	--
7/28/2013	--	--	--	--	--
7/29/2013	CPs 1-5, TGP/GPs, GVs, E&SWs	9:00A - 3:30 P	0.0	30.13-30.15	R

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-Jul		24-Jul		25-Jul		26-Jul		27-Jul		28-Jul		29-Jul	
Compliance Probes	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**	**CH4**	**O2**
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.1
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.8
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.7
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.7
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP1b-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP1b-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP1b-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP1b-E	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP1b-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
TGP1b-F	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP1b-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP1b-G	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP1b-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.6
TGP1b-H	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP1b-D	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.8
GP-03	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
TGP-82	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
GP-04	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-83	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP2-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
CP2-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
CP2-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
CP2-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
CP-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.6
CP2-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
CP2-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-06	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-East	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.9
TGP-Dads	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
CP3-1RR	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.5
CP3-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP3-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
CP3-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
CP3-7R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
CP3-8R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.7
CP3-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
CP3-10R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP3-12R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
CP3-13R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP3-14R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.5
CP3-15R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-89	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	9.1
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.6
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.7
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	23-Jul		24-Jul		25-Jul		26-Jul		27-Jul		28-Jul		29-Jul	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	18.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	12.4
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.3
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.5
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	10.7
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-69	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-90	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
GP-17	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.5
TGP-91	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
GP-18	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
TGP-73	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-74	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-84	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
TGP-75	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.5
TGP-85	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
TGP-72	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP-86	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
TGP-32	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 08 - Jul 14						Week of:	Jul 23 - Jul 29					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	62	24.6	4.2	23	48	GV1-1	--	64	9.2	0.3	23	68
GV1-2	--	--	29.7	1.5	29	40	GV1-2	--	--	25.7	3.6	24	47
GV1-3	--	--	33.4	0.4	31	35	GV1-3	--	--	28.1	2.0	27	43
GV1-4	--	--	32.8	0.6	29	38	GV1-4	--	--	29.1	1.3	27	43
GV1-5	--	--	27.0	0.3	28	45	GV1-5	--	--	20.2	0.0	25	55
GV1-6	--	--	27.6	0.2	29	43	GV1-6	--	--	14.4	0.6	26	59
GV1-7	--	60	0.3	18.9	0.7	80	GV1-7	--	60	0.1	17.6	2.4	80
GV1-8	--	--	23.7	5.4	23	48	GV1-8	--	--	9.2	0.1	25	66
GV1-9	--	--	16.1	1.4	24	59	GV1-9	--	--	12.9	0.0	24	63
GV1-10X	--	--	20.0	3.7	23	53	**GV1-10X**	--	--	11.5	0.3	23	65
GV1-11	--	--	6.4	1.1	22	71	GV1-11	--	--	6.9	0.4	22	71
GV1-12	--	--	11.4	2.8	22	64	GV1-12	--	--	14.1	1.5	23	61
GV1-13	--	--	8.8	0.6	22	69	GV1-13	--	--	8.3	0.1	22	70
LEG 1b	--	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.8	9.1	11	79	GV1b-1	--	--	0.8	13.5	8.1	78
GV1b-2	--	--	0.3	19.3	1.2	79	GV1b-2	--	--	0.0	18.1	2.7	79
GV1b-3	--	--	5.1	9.3	11	75	GV1b-3	--	--	0.4	16.6	4.6	78
GV1b-4	--	--	0.3	4.7	15	80	GV1b-4	--	--	0.4	11.6	4.5	84
GV1b-5	--	60	2.1	15.3	5.4	77	GV1b-5	--	80	0.2	20.4	0.5	79
LEG 2	--	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	2.1	13.6	7.4	77	GV2-1	--	--	1.5	16.2	5.6	77
GV2-2	--	80	0.3	11.2	8.2	80	GV2-2	--	80	0.1	12.9	8.0	79
GV2-3	--	80	18.0	10.7	20	51	GV2-3	--	80	6.0	5.8	18	72
GV2-4	--	84	17.9	1.7	20	60	GV2-4	--	82	8.0	6.2	16	72
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	59.2	0.3	32	9	GV3-1	--	--	60.2	0.2	30	10
GV3-2	--	--	39.0	1.0	26	34	GV3-2	--	--	42.0	2.9	27	28
GV3-3	--	--	0.9	9.1	12	78	GV3-3	--	--	0.5	12.7	9.4	77
GV3-4	--	66	12.2	1.0	20	67	GV3-4	--	80	8.2	1.9	19	71
GV3-5	--	--	7.1	2.4	19	72	GV3-5	--	--	2.7	5.5	15	77
GV3-6	--	--	2.9	0.6	18	79	GV3-6	--	--	5.0	3.7	17	74
GV3-7	--	--	0.6	1.1	16	82	GV3-7	--	--	0.4	3.3	14	82
GV3-8	--	--	3.4	0.4	16	80	GV3-8	--	--	0.4	6.6	11	82
GV3-9	--	--	5.1	2.2	15	78	GV3-9	--	--	4.2	5.1	14	77
GV3-10 X	--	--	0.2	3.0	15	82	**GV3-10 X**	--	--	0.0	4.5	14	82
GV3-11	--	--	2.7	1.3	18	78	GV3-11	--	--	0.0	3.2	15	82
GV3-12	--	--	2.3	3.3	16	78	GV3-12	--	--	1.1	7.4	12	80
GV3-13	--	--	0.6	3.2	15	81	GV3-13	--	--	0.0	4.3	14	82
GV3-14	--	--	22.0	1.6	21	55	GV3-14	--	--	18.6	2.8	19	60
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	74	10.2	4.4	14	71	GV4-C	--	74	2.3	11.4	10	76
GV4-B	--	--	0.6	0.7	17	82	GV4-B	--	--	3.4	8.1	12	77
GV4-A	--	--	10.1	8.3	10	72	GV4-A	--	--	3.4	9.5	11	76
GV4-1	--	--	2.8	15.9	4.0	78	GV4-1	--	--	16.6	7.2	16	60
GV4-2	--	--	15.1	1.1	21	63	GV4-2	--	--	12.4	5.1	17	66
GV4-3	--	--	2.7	7.1	13	77	GV4-3	--	--	22.6	4.0	22	51
GV4-4 X	--	--	0.0	19.2	0.8	80	**GV4-4 X**	--	--	0.0	18.3	1.8	80
GV4-5	--	--	15.9	1.4	21	62	GV4-5	--	--	16.4	4.1	19	61
GV4-6	--	--	3.4	6.5	13	77	GV4-6	--	--	19.6	5.0	19	56
GV4-7	--	--	26.8	0.6	25	46	GV4-7	--	--	34.5	0.0	28	38
LEG 5	--	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	82	48.7	0.3	0.9	50	GV5-1	--	82	48.7	0.0	33	18
GV5-2	--	--	33.5	0.4	0.4	66	GV5-2	--	--	42.2	0.2	31	27
GV5-3	--	--	30.8	0.5	0.5	68	GV5-3	--	--	30.6	0.0	28	41
GV5-4	--	--	17.3	4.6	5.6	73	GV5-4	--	--	8.1	6.3	12	74
GV5-5	--	--	15.7	1.9	1.9	81	GV5-5	--	--	8.8	0.2	20	71
GV5-6	--	--	7.2	14.6	15	63	GV5-6	--	--	3.6	9.7	11	76
GV5-7	--	--	13.7	10.3	10	66	GV5-7	--	--	0.5	3.5	14	82
GV5-8	--	--	0.3	13.3	13	73	GV5-8	--	--	0.0	13.7	6.2	80
GV5-9	--	--	0.1	15.7	16	68	GV5-9	--	--	0.0	13.2	6.0	81

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 08 - Jul 14						Week of:	Jul 23 - Jul 29					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	7.7	6.1	18	68	EW-1	--	--	8.3	5.1	19	68
EW-2	--	--	0.9	15.2	6.3	78	EW-2	--	--	0.1	11.6	10	78
EW-3	--	--	19.8	1.4	22	57	EW-3	--	--	16.7	2.7	21	60
EW-4	--	--	12.1	0.8	23	64	EW-4	--	--	17.1	0.2	24	59
EW-5	--	--	20.2	1.6	19	59	EW-5	--	--	31.2	0.0	28	41
EW-6	--	--	24.6	0.3	25	50	EW-6	--	--	28.0	0.0	26	46
EW-7	--	--	2.9	0.2	22	75	EW-7	--	--	26.3	0.0	24	50
EW-8	--	--	28.5	0.3	27	44	EW-8	--	--	28.2	0.0	26	46
EW-9	--	--	39.7	0.3	31	29	EW-9	--	--	29.8	0.0	29	41
EW-10	--	--	1.8	6.4	10	82	EW-10	--	--	1.4	5.7	12	81
EW-11	--	--	1.3	16.3	5.2	77	EW-11	--	--	1.6	16.8	4.9	77
EW-12	--	--	0.2	14.1	6.5	79	EW-12	--	--	0.2	15.3	5.5	79
SW1	--	--	35.5	0.4	31	33	SW1	--	--	31.1	0.0	28	41
~~SW2~~	~~--~~	~~--~~	~~36.2~~	~~0.8~~	~~30~~	~~33~~	~~SW2~~	~~--~~	~~--~~	~~32.6~~	~~0.0~~	~~30~~	~~37~~
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	10.2	0.0	23	67	NW1	--	--	8.3	0.1	24	68
NW2	--	--	44.7	0.0	34	21	NW2	--	--	43.5	0.0	33	24
NW3	--	--	39.9	0.0	33	27	NW3	--	--	42.9	0.0	34	23
NW4	--	--	23.7	0.5	27	49	NW4	--	--	24.1	0.0	28	48
NW5	--	--	10.8	0.0	23	66	NW5	--	--	10.5	0.0	24	66
NW6	--	--	35.6	4.0	28	32	NW6	--	--	36.7	3.8	22	36
NW7	--	--	63.7	0.3	39	0	NW7	--	--	62.6	0.0	38	0
NW8	--	--	10.6	0.6	23	66	NW8	--	--	11.2	0.0	25	64
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

de maximis, inc.

450 Montbrook Lane
Knoxville, TN 37919
(865) 691-5052
(865) 691-6485 FAX
(865) 691-9835 ACCT. FAX

Via Electronic
and Certified Mail

September 10, 2013

Mr. Dion Novak
Remedial Project Manager
U. S. Environmental protection Agency
77 W. Jackson Blvd.
Mail Stop SR-6J
Chicago, Illinois 60604

Mr. Steve Renninger
On-Scene Coordinator
U. S. Environmental Protection Agency
26 West Martin Luther King Drive, G-41
Cincinnati, Ohio 45268

Re: Monthly Progress Report #223 – August 2013
North Sanitary Landfill - Dayton, Montgomery County, Ohio

Dear Mr. Novak and Mr. Renninger:

In accordance with Section V, Subsection 2.5, of the Administrative Order by Consent for the North Sanitary Landfill, please find enclosed a summary of site-related activities for August 2013.

Should you have any questions or comments, please do not hesitate to contact me at (865) 691-5052.

Sincerely,
de maximis, inc.

Michael H. Samples
Alternate Project Coordinator

MHS:dlb

Attachments

cc: H. Cole (w/ attachment; via U.S. Mail)
S. Glum (w/ attachment; via U.S. Mail)
T. Hut (w/ attachment; via U.S. Mail)
J. Weatherington-Rice (w/ attachment; via U.S. Mail)
N. Wood-Chi (w/ attachment; via U.S. Mail)
VLSG Distribution (w/ attachments; via e-mail)

PAPER

Monthly Progress Report
Report #223 – August 2013
North Sanitary Landfill
Dayton, Ohio

A. Actions Taken Toward Compliance with the Order

- Operation and monitoring of the landfill gas abatement system (LGAS) was continued;
- On August 22, 2013, the third quarter combustible gas indicator checks were successfully performed; and,
- The site fence was inspected during the reporting period and any necessary repairs were addressed.

B/C. Problems Encountered/Actions to Rectify Problems

- None.

D. Changes in Removal Action Activities

- None.

E. Site Data

- Bi-weekly LGAS compliance data summaries for the month of August 2013 are presented in Attachment A of this report.

F. Planned Activities for the Next Reporting Period (September 2013)

- Develop Monthly Progress Report (MPR) #223 summarizing activities in August 2013; and,
- Continue LGAS operation and performance monitoring.

G. Schedule of Significant Activities and Deliverables (September 2013)

- September 10 - Anticipated submittal of the August 2013 MPR to U.S. EPA.

H. Changes in Personnel During Reporting Period

- None.

PAPER

I. Significant Correspondence, Telephone Conversations, or Discussions

Communication	Date	Recipient(s)	Subject
dmi transmittal	08/09/13	U.S. EPA	Monthly Progress Report for the Month of July 2013.

PAPER

ATTACHMENT A

(BI-WEEKLY LGAS SUMMARIES)

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/16/2013

Subject: LFG Monitoring Summary - Week of 08/05/13 - 08/11/13

Summary: All CPs remained in compliance this two week period.
There were no (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 270 mins. ON and 1170 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 10-11, 2013 with temps of 73 to 80°F and mostly cloudy conditions, and 72 to 82°F with mostly cloudy conditions.
Vacuum readings were last taken on August 10-11, 2013
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/5/2013	--	--	8:00	--	--	12:30	--	--	4.5
8/6/2013	--	--	8:00	--	--	12:30	--	--	4.5
8/7/2013	--	--	8:00	--	--	12:30	--	--	4.5
8/8/2013	--	--	8:00	--	--	12:30	--	--	4.5
8/9/2013	--	--	8:00	--	--	12:30	--	--	4.5
8/10/2013	--	--	8:00	--	--	12:30	--	--	4.5
8/11/2013	--	--	8:00	--	--	12:30	--	--	4.5
								Total Hrs. =	31.5

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/5/2013	--	--	--	--	--
8/6/2013	--	--	--	--	--
8/7/2013	--	--	--	--	--
8/8/2013	--	--	--	--	--
8/9/2013	--	--	--	--	--
8/10/2013	CPs 1-2, TGP/GPs, GV1-2s & EWs	10:30A - 1:30P	0.0	30.12 - 30.09	F
8/11/2013	CPs 3-5, TGP/GPs, GV3-5s, E&SWs	9:30A - 1:00P	0.0	30.11 - 30.7	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	5-Aug		6-Aug		7-Aug		8-Aug		9-Aug		10-Aug		11-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP1-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
CP1-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.7
CP1-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.4
CP1-5	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP1-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
CP1-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
CP1-11	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP1-13	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.1
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP1b-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP1b-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP1b-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP1b-E	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP1b-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP1b-F	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP1b-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
TGP1b-G	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP1b-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.4
TGP1b-H	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
TGP1b-D	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
GP-03	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
TGP-82	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
GP-04	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-83	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP2-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP2-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
CP2-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP2-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP-6R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
CP2-7	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
CP2-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
TGP-06	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
TGP-East	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP-Dads	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP3-1RR	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.2
CP3-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.4
CP3-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP3-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
CP3-7R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.3
CP3-8R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
CP3-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
CP3-10R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP3-12R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP3-13R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
CP3-14R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
CP3-15R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-89	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.4
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	10.7
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.5
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.6
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.0
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.2
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.4
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	5-Aug		6-Aug		7-Aug		8-Aug		9-Aug		10-Aug		11-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	16.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	13.2
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	7.5
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.0
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.3
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-69	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
TGP-90	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.9
GP-17	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.9
TGP-91	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1
GP-18	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP-73	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.3
TGP-74	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.6
TGP-84	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.8
TGP-75	--	--	--	--	--	--	--	--	--	--	--	--	0.0	15.5
TGP-85	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.2
TGP-72	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
TGP-86	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.7
TGP-32	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded.
(3) NS = Not sampled due to instrument failure;
(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume
(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 23 - Jul 29						Week of:	Aug 05 - Aug 11					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	--	--	--	--	--	--	**LEG 1**	-2.75	--	--	--	--	--
GV1-1	--	64	9.2	0.3	23	68	GV1-1	--	64	10.7	3.9	20	65
GV1-2	--	--	25.7	3.6	24	47	GV1-2	--	--	26.4	2.1	27	45
GV1-3	--	--	28.1	2.0	27	43	GV1-3	--	--	27.2	0.6	29	43
GV1-4	--	--	29.1	1.3	27	43	GV1-4	--	--	24.2	1.9	26	48
GV1-5	--	--	20.2	0.0	25	55	GV1-5	--	--	13.9	0.1	26	60
GV1-6	--	--	14.4	0.8	26	59	GV1-6	--	--	12.0	0.3	25	63
GV1-7	--	60	0.1	17.6	2.4	80	GV1-7	--	60	0.3	18.6	0.9	80
GV1-8	--	--	9.2	0.1	25	66	GV1-8	--	--	11.5	0.3	24	64
GV1-9	--	--	12.9	0.0	24	63	GV1-9	--	--	11.7	0.0	24	64
GV1-10X	--	--	11.5	0.3	23	65	**GV1-10X**	--	--	12.1	0.0	24	64
GV1-11	--	--	6.9	0.4	22	71	GV1-11	--	--	4.8	2.6	19	74
GV1-12	--	--	14.1	1.5	23	61	GV1-12	--	--	12.3	0.0	24	64
GV1-13	--	--	8.3	0.1	22	70	GV1-13	--	--	12.2	0.0	24	64
LEG 1b	--	--	--	--	--	--	**LEG 1b**	-1.84	--	--	--	--	--
GV1b-1	--	--	0.8	13.5	8.1	78	GV1b-1	--	--	0.8	13.9	7.1	78
GV1b-2	--	--	0.0	18.1	2.7	79	GV1b-2	--	--	0.3	16.2	4.1	79
GV1b-3	--	--	0.4	16.6	4.6	78	GV1b-3	--	--	0.5	14.8	5.9	79
GV1b-4	--	--	0.4	11.6	4.5	84	GV1b-4	--	--	0.5	12.4	8.2	79
GV1b-5	--	80	0.2	20.4	0.5	79	GV1b-5	--	80	0.5	13.5	7.1	79
LEG 2	--	--	--	--	--	--	**LEG 2**	-0.29	--	--	--	--	--
GV2-1	--	--	1.5	18.2	5.8	77	GV2-1	--	--	15.6	1.5	21	62
GV2-2	--	80	0.1	12.9	8.0	79	GV2-2	--	80	16.4	0.5	22	61
GV2-3	--	80	6.0	5.6	16	72	GV2-3	--	80	16.9	1.1	21	61
GV2-4	--	82	6.0	6.2	16	72	GV2-4	--	82	16.0	1.3	20	63
LEG 3	--	--	--	--	--	--	**LEG 3**	-0.19	--	--	--	--	--
GV3-1	--	--	60.2	0.2	30	10	GV3-1	--	--	58.0	0.0	33	9
GV3-2	--	--	42.0	2.9	27	28	GV3-2	--	--	51.7	0.1	31	17
GV3-3	--	--	0.5	12.7	9.4	77	GV3-3	--	--	4.6	3.2	17	75
GV3-4	--	80	8.2	1.9	19	71	GV3-4	--	80	19.5	0.0	22	59
GV3-5	--	--	2.7	5.5	15	77	GV3-5	--	--	7.4	0.3	20	72
GV3-6	--	--	5.0	3.7	17	74	GV3-6	--	--	3.1	3.2	16	78
GV3-7	--	--	0.4	3.3	14	82	GV3-7	--	--	0.0	5.5	14	81
GV3-8	--	--	0.4	6.6	11	82	GV3-8	--	--	1.7	4.0	13	81
GV3-9	--	--	4.2	5.1	14	77	GV3-9	--	--	0.0	1.8	16	82
GV3-10 X	--	--	0.0	4.5	14	82	**GV3-10 X**	--	--	0.0	10.4	8.3	81
GV3-11	--	--	0.0	3.2	15	82	GV3-11	--	--	0.0	2.2	17	81
GV3-12	--	--	1.1	7.4	12	80	GV3-12	--	--	0.8	6.4	13	80
GV3-13	--	--	0.0	4.3	14	82	GV3-13	--	--	1.9	2.7	18	79
GV3-14	--	--	18.6	2.8	19	60	GV3-14	--	--	22.4	2.1	21	55
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	--	--	--	--	--	--	**LEG 4**	-0.56	--	--	--	--	--
GV4-C	--	74	2.3	11.4	10	76	GV4-C	--	74	1.8	2.9	16	80
GV4-B	--	--	3.4	8.1	12	77	GV4-B	--	--	1.1	0.9	18	80
GV4-A	--	--	3.4	9.5	11	76	GV4-A	--	--	1.2	8.5	10	80
GV4-1	--	--	16.6	7.2	16	60	GV4-1	--	--	1.9	16.2	3.8	78
GV4-2	--	--	12.4	5.1	17	66	GV4-2	--	--	6.5	0.9	21	72
GV4-3	--	--	22.6	4.0	22	51	GV4-3	--	--	4.1	6.9	14	75
GV4-4 X	--	--	0.0	18.3	1.8	80	**GV4-4 X**	--	--	0.1	17.8	1.4	81
GV4-5	--	--	16.4	4.1	19	61	GV4-5	--	--	14.5	3.2	19	63
GV4-6	--	--	19.6	5.0	19	56	GV4-6	--	--	6.1	6.0	15	73
GV4-7	--	--	34.5	0.0	28	38	GV4-7	--	--	30.6	0.2	28	41
LEG 5	--	--	--	--	--	--	**LEG 5**	-0.66	--	--	--	--	--
GV5-1	--	82	48.7	0.0	33	18	GV5-1	--	82	45.1	0.0	33	22
GV5-2	--	--	42.2	0.2	31	27	GV5-2	--	--	42.5	0.0	33	25
GV5-3	--	--	30.6	0.0	28	41	GV5-3	--	--	31.5	0.0	29	40
GV5-4	--	--	8.1	6.3	12	74	GV5-4	--	--	15.8	11.9	12	60
GV5-5	--	--	6.8	0.2	20	71	GV5-5	--	--	7.0	15.8	6.4	71
GV5-6	--	--	3.8	9.7	11	76	GV5-6	--	--	13.0	12.7	11	63
GV5-7	--	--	0.5	3.5	14	82	GV5-7	--	--	6.8	16.6	5.3	71
GV5-8	--	--	0.0	13.7	6.2	80	GV5-8	--	--	0.2	13.7	6.4	80
GV5-9	--	--	0.0	13.2	6.0	81	GV5-9	--	--	0.1	14.1	5.8	80

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Jul 23 - Jul 29						Week of:	Aug 05 - Aug 11					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	--	--	8.3	5.1	19	68	EW-1	-1.20	--	4.2	10.0	19	67
EW-2	--	--	0.1	11.6	10	78	EW-2	-0.91	--	0.0	12.6	10	78
EW-3	--	--	16.7	2.7	21	60	EW-3	-0.53	--	19.7	1.4	21	58
EW-4	--	--	17.1	0.2	24	59	EW-4	--	--	15.3	1.0	24	60
EW-5	--	--	31.2	0.0	28	41	EW-5	--	--	29.2	0.0	28	43
EW-6	--	--	28.0	0.0	26	46	EW-6	--	--	23.5	0.0	26	51
EW-7	--	--	26.3	0.0	24	50	EW-7	--	--	24.9	0.0	24	51
EW-8	--	--	26.2	0.0	26	46	EW-8	--	--	27.3	0.0	26	47
EW-9	--	--	29.8	0.0	29	41	EW-9	--	--	36.8	0.0	29	34
EW-10	--	--	1.4	5.7	12	81	EW-10	-0.55	--	1.5	7.2	12	79
EW-11	--	--	1.8	18.8	4.9	77	EW-11	-1.28	--	1.4	16.0	4.9	78
EW-12	--	--	0.2	15.3	5.5	79	EW-12	-1.03	--	2.0	11.1	5.5	81
SW1	--	--	31.1	0.0	28	41	SW1	--	--	34.4	0.4	28	37
SW2	--	--	32.6	0.0	30	37	SW2	--	--	32.1	0.0	30	38
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.3	0.1	24	68	NW1	--	--	8.4	0.5	24	67
NW2	--	--	43.5	0.0	33	24	NW2	--	--	37.1	0.0	33	30
NW3	--	--	42.9	0.0	34	23	NW3	--	--	35.0	0.0	34	31
NW4	--	--	24.1	0.0	28	48	NW4	--	--	21.8	0.0	28	50
NW5	--	--	10.5	0.0	24	66	NW5	--	--	10.6	0.0	24	65
NW6	--	--	36.7	3.8	22	38	NW6	--	--	57.0	0.0	22	21
NW7	--	--	62.6	0.0	38	0	NW7	--	--	29.5	5.8	39	27
NW8	--	--	11.2	0.0	25	64	NW8	--	--	9.2	0.0	25	66
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;
(2) NR = Value not recorded;
(3) NS = Not sampled due to instrument failure;
(4) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.
(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

R. M. BROYLES COMPANY, L. L. C.

P.O. Box 13154, Dayton, OH 45413 MOB # 937-776-5304 email: rmbcom@woh.rr.com

REPORT COVER PAGE

To: Gary Saylor SCS <gsaylor@scsengineers.com> Pages: 5

From: Mike Broyles <rmbcom@woh.rr.com>

Date: 8/30/2013

Subject: LFG Monitoring Summary - Week of 08/19/13 - 08/25/13

Summary: All CPs remained in compliance this two week period.
There were no (0) flare flame failures due to low methane or other issues.
Flare operating cycles were 300 mins. ON and 1140 mins. OFF.
Bi-Weekly Gas Vent, Extraction & Supplemental Well monitoring was performed August 25, 2013 with temps of 77 to 86°F and scattered clouds.
Vacuum readings were last taken on August 10-11, 2013
Valves were open to Legs 1b, 2, 3A, 3B, 4 and 5; and
Wells open were NW 1-8, WC 1 & 4, SW 1 & 2, EW 1-4, 7, 8, 10, 11 & 12.

Flare Operating Hours:

	AM				PM				
Date	on	off	on	off	on	off	on	off	"ON" Hours
8/19/2013	--	--	7:30	--	--	12:30	--	--	5.0
8/20/2013	--	--	7:30	--	--	12:30	--	--	5.0
8/21/2013	--	--	7:30	--	--	12:30	--	--	5.0
8/22/2013	--	--	7:30	--	--	12:30	--	--	5.0
8/23/2013	--	--	7:30	--	--	12:30	--	--	5.0
8/24/2013	--	--	7:30	--	--	12:30	--	--	5.0
8/25/2013	--	--	7:30	--	--	12:30	--	--	5.0
								Total Hrs. =	35.0

Notes: # = Flare shut down during operation.
* = Flare reset to operate full time with propane.
@ = Flare reset to operate full time with methane.
+ = Other reason
Times represent Flare Clock which is currently set to EDT.
Flow rate was 190 - 220 scfm. Temperature range (middle thermocouple) 1520 - 1570° F.

Daily/Weekly Monitoring Times:

Date	Probes/Wells Monitored	Sampling Period	Readings	Barometric Pressure	Trend
8/19/2013	--	--	--	--	--
8/20/2013	--	--	--	--	--
8/21/2013	--	--	--	--	--
8/22/2013	--	--	--	--	--
8/23/2013	CPs 1-2, TGP/GPs	1:30 - 3:30P	0.0	30.12 - 30.09	F
8/24/2013	--	--	--	--	--
8/25/2013	CPs 3-5, TGP/GPs, GV3-5s, E&SWs	10:00A - 3:00P	0.0	30.34 - 30.30	F

Notes: CPs = Compliance Probes;
S&EW = Supplemental and Extraction Wells; and
Leg numbers = 1, 1b, 2, 3A, 3B, 4 & 5.
Readings in **BOLD** represent **Compliance Probe (CP)** readings greater than 5.0%
Barometric Pressure represents pressure and range during Sampling Period. Trend: R = rising, F = falling, S = steady

CONFIDENTIALITY NOTE: THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL/S OR ENTITY/IES TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT/S, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT/S. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY R. M. BROYLES COMPANY, L. L. C. IMMEDIATELY BY TELEPHONE AT (937) 890-6985, AND RETURN THE ORIGINAL MESSAGE TO R. M. BROYLES COMPANY, L. L. C. AT THE ABOVE ADDRESS VIA THE U. S. POSTAL SERVICE.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	19-Aug		20-Aug		21-Aug		22-Aug		23-Aug		24-Aug		25-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2	CH4	O2
CP1-1R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP1-2	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
CP1-3	--	--	--	--	--	--	--	--	0.0	16.6	--	--	--	--
CP1-4	--	--	--	--	--	--	--	--	0.0	16.8	--	--	--	--
CP1-5	--	--	--	--	--	--	--	--	0.0	17.0	--	--	--	--
CP1-7	--	--	--	--	--	--	--	--	0.0	17.6	--	--	--	--
CP1-9	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
CP1-11	--	--	--	--	--	--	--	--	0.0	15.3	--	--	--	--
CP1-13	--	--	--	--	--	--	--	--	0.0	14.5	--	--	--	--
GP-01 (for CP1-14)	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
GP-02 (for CP1b-1R)	--	--	--	--	--	--	--	--	0.0	17.4	--	--	--	--
CP1b-2R	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
CP1b-4R	--	--	--	--	--	--	--	--	0.0	19.7	--	--	--	--
CP1b-6R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
TGP1b-E	--	--	--	--	--	--	--	--	0.0	19.5	--	--	--	--
TGP1b-A	--	--	--	--	--	--	--	--	0.0	18.4	--	--	--	--
TGP1b-F	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP1b-B	--	--	--	--	--	--	--	--	0.0	18.2	--	--	--	--
TGP1b-G	--	--	--	--	--	--	--	--	0.0	18.1	--	--	--	--
TGP1b-C	--	--	--	--	--	--	--	--	0.0	18.9	--	--	--	--
TGP1b-H	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
TGP1b-D	--	--	--	--	--	--	--	--	0.0	20.2	--	--	--	--
GP-03	--	--	--	--	--	--	--	--	0.0	18.6	--	--	--	--
TGP-82	--	--	--	--	--	--	--	--	0.0	17.5	--	--	--	--
GP-04	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-83	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
CP2-1	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
CP2-2	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
CP2-4R	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-5R	--	--	--	--	--	--	--	--	0.0	19.8	--	--	--	--
CP-6R	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
CP2-7	--	--	--	--	--	--	--	--	0.0	19.4	--	--	--	--
CP2-8	--	--	--	--	--	--	--	--	0.0	19.1	--	--	--	--
TGP-06	--	--	--	--	--	--	--	--	0.0	18.3	--	--	--	--
TGP-East	--	--	--	--	--	--	--	--	0.0	19.3	--	--	--	--
TGP-Dads	--	--	--	--	--	--	--	--	0.0	20.0	--	--	--	--
CP3-1RR	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.1
CP3-2R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
CP3-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.0
CP3-5R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
CP3-7R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
CP3-8R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP3-9	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP3-10R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP3-12R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
CP3-13R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.2
CP3-14R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
CP3-15R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.8
TGP-89	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
CP4-A	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP4-B	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.4
CP4-C	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.0
CP4-1	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.4
CP4-2	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.7
CP4-3	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
CP4-4	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.4
CP4-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.4
CP5-1R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
CP5-3R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.9
CP5-4R	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.3
CP5-6	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.5
CP5-8	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.1

Notes: (1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure or snow cover;

(4) Values in **Bold** Face Type exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST COMPLIANCE PROBE REPORT
(% Methane and Oxygen by Volume)

	19-Aug		20-Aug		21-Aug		22-Aug		23-Aug		24-Aug		25-Aug	
Compliance Probes	CH4	O2	CH4	O2	CH4	O2	CH4	18.3	CH4	O2	CH4	O2	CH4	O2
TGP-76	--	--	--	--	--	--	--	--	--	--	--	--	0.0	16.1
TGP-63	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-57	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.6
TGP-62	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.2
GP-12	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.5
TGP-60	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.2
TGP-65	--	--	--	--	--	--	--	--	--	--	--	--	0.0	18.8
TGP-66	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.0
TGP-67	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.1
TGP-68	--	--	--	--	--	--	--	--	--	--	--	--	0.0	17.2
TGP-53	--	--	--	--	--	--	--	--	--	--	--	--	0.0	14.1
TGP-59	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.1
TGP-58	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.7
GP-14	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.5
TGP-87	--	--	--	--	--	--	--	--	--	--	--	--	0.0	20.2
TGP-88	--	--	--	--	--	--	--	--	--	--	--	--	0.0	19.9
TGP-69	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
TGP-90	--	--	--	--	--	--	--	--	0.0	19.9	--	--	--	--
GP-17	--	--	--	--	--	--	--	--	0.0	15.0	--	--	--	--
TGP-91	--	--	--	--	--	--	--	--	0.0	19.6	--	--	--	--
GP-18	--	--	--	--	--	--	--	--	0.0	19.2	--	--	--	--
TGP-73	--	--	--	--	--	--	--	--	0.0	17.9	--	--	--	--
TGP-74	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--
TGP-84	--	--	--	--	--	--	--	--	0.0	17.1	--	--	--	--
TGP-75	--	--	--	--	--	--	--	--	0.0	16.3	--	--	--	--
TGP-85	--	--	--	--	--	--	--	--	0.0	16.2	--	--	--	--
TGP-72	--	--	--	--	--	--	--	--	0.0	18.0	--	--	--	--
TGP-86	--	--	--	--	--	--	--	--	0.0	19.0	--	--	--	--
TGP-32	--	--	--	--	--	--	--	--	0.0	18.8	--	--	--	--

(1) Underline reading assumed to be aberrant based on historical behavior of the monitoring location;

(2) NR = Value not recorded.

(3) NS = Not sampled due to instrument failure;

(4) Values in **Bold Face Type** exceed applicable concentration ceilings of 5% methane by volume

(5) Sampling instrument used is a calibrated CES Landtec GEM 2000 or equivalent multi-gas meter.

(6) Per the request of OEPA, Oxygen level readings were added to the Compliance Probe monitoring report table beginning March 5, 2009.

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 05 - Aug 11						Week of:	Aug 19 - Aug 25					
Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal	Wellhead ID	Vacuum	Temp	CH4	O2	CO2	Bal
LEG 1	-2.75	--	--	--	--	--	**LEG 1**	--	--	--	--	--	--
GV1-1	--	64	10.7	3.9	20	65	GV1-1	--	70	2.8	2.0	20	75
GV1-2	--	--	26.4	2.1	27	45	GV1-2	--	--	19.2	8.7	20	54
GV1-3	--	--	27.2	0.6	29	43	GV1-3	--	--	19.1	2.4	28	51
GV1-4	--	--	24.2	1.9	28	46	GV1-4	--	--	24.5	1.6	28	46
GV1-5	--	--	13.9	0.1	26	60	GV1-5	--	--	15.1	0.2	27	58
GV1-6	--	--	12.0	0.3	25	63	GV1-6	--	--	13.9	1.3	24	61
GV1-7	--	60	0.3	18.6	0.9	80	GV1-7	--	80	0.4	17.7	2.1	80
GV1-8	--	--	11.5	0.3	24	64	GV1-8	--	--	4.4	10.1	13	73
GV1-9	--	--	11.7	0.0	24	64	GV1-9	--	--	6.9	5.2	19	69
GV1-10X	--	--	12.1	0.0	24	64	**GV1-10X**	--	--	10.0	0.5	24	66
GV1-11	--	--	4.6	2.6	19	74	GV1-11	--	--	4.2	2.4	21	72
GV1-12	--	--	12.3	0.0	24	64	GV1-12	--	--	9.7	5.6	19	66
GV1-13	--	--	12.2	0.0	24	64	GV1-13	--	--	6.9	0.8	23	69
LEG 1b	-1.84	--	--	--	--	--	**LEG 1b**	--	--	--	--	--	--
GV1b-1	--	--	0.8	13.9	7.1	78	GV1b-1	--	--	0.8	14.4	7.0	78
GV1b-2	--	--	0.3	16.2	4.1	79	GV1b-2	--	--	0.8	14.3	6.5	78
GV1b-3	--	--	0.5	14.8	5.9	79	GV1b-3	--	--	0.6	14.6	6.3	79
GV1b-4	--	--	0.5	12.4	8.2	79	GV1b-4	--	--	0.4	12.9	8.3	78
GV1b-5	--	80	0.5	13.5	7.1	79	GV1b-5	--	80	0.1	19.2	1.2	80
LEG 2	-0.29	--	--	--	--	--	**LEG 2**	--	--	--	--	--	--
GV2-1	--	--	15.6	1.5	21	62	GV2-1	--	--	1.2	16.9	3.8	78
GV2-2	--	80	16.4	0.5	22	61	GV2-2	--	82	0.3	16.2	4.5	79
GV2-3	--	80	16.9	1.1	21	61	GV2-3	--	84	0.2	12.5	7.8	80
GV2-4	--	82	16.0	1.3	20	63	GV2-4	--	90	0.2	12.2	8.1	80
LEG 3	-0.19	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
GV3-1	--	--	58.0	0.0	33	9	GV3-1	--	--	57.5	0.2	33	9
GV3-2	--	--	51.7	0.1	31	17	GV3-2	--	--	49.1	0.3	31	20
GV3-3	--	--	4.8	3.2	17	75	GV3-3	--	--	20.7	9.1	17	53
GV3-4	--	80	19.5	0.0	22	59	GV3-4	--	90	4.9	11.8	10	73
GV3-5	--	--	7.4	0.3	20	72	GV3-5	--	--	3.9	8.9	14	75
GV3-6	--	--	3.1	3.2	16	78	GV3-6	--	--	1.8	6.3	14	78
GV3-7	--	--	0.0	5.5	14	81	GV3-7	--	--	1.8	0.8	17	80
GV3-8	--	--	1.7	4.0	13	81	GV3-8	--	--	4.0	2.8	15	78
GV3-9	--	--	0.0	1.8	16	82	GV3-9	--	--	0.2	4.0	14	82
GV3-10 X	--	--	0.0	10.4	8.3	81	**GV3-10 X**	--	--	1.3	9.6	18	71
GV3-11	--	--	0.0	2.2	17	81	GV3-11	--	--	1.2	2.2	18	79
GV3-12	--	--	0.8	6.4	13	80	GV3-12	--	--	1.9	6.5	15	77
GV3-13	--	--	1.9	2.7	16	79	GV3-13	--	--	2.8	2.3	15	80
GV3-14	--	--	22.4	2.1	21	55	GV3-14	--	--	22.8	1.3	22	54
LEG 3	--	--	--	--	--	--	**LEG 3**	--	--	--	--	--	--
LEG 4	-0.56	--	--	--	--	--	**LEG 4**	--	--	--	--	--	--
GV4-C	--	74	1.6	2.9	18	80	GV4-C	--	80	2.7	13.1	7.3	77
GV4-B	--	--	1.1	0.9	18	80	GV4-B	--	--	2.4	12.3	8.1	77
GV4-A	--	--	1.2	8.5	10	80	GV4-A	--	--	2.5	10.4	8.5	79
GV4-1	--	--	1.9	18.2	3.6	78	GV4-1	--	--	4.7	9.5	11	75
GV4-2	--	--	6.5	0.9	21	72	GV4-2	--	--	5.8	5.3	16	73
GV4-3	--	--	4.1	8.9	14	75	GV4-3	--	--	19.4	4.4	21	55
GV4-4 X	--	--	0.1	17.8	1.4	81	**GV4-4 X**	--	--	0.3	19.9	0.4	79
GV4-5	--	--	14.5	3.2	19	63	GV4-5	--	--	15.2	4.0	20	61
GV4-6	--	--	6.1	6.0	15	73	GV4-6	--	--	31.3	0.4	28	40
GV4-7	--	--	30.6	0.2	28	41	GV4-7	--	--	34.7	0.3	29	36
LEG 5	-0.66	--	--	--	--	--	**LEG 5**	--	--	--	--	--	--
GV5-1	--	82	45.1	0.0	33	22	GV5-1	--	90	42.0	0.2	33	25
GV5-2	--	--	42.5	0.0	33	25	GV5-2	--	--	41.0	0.2	33	26
GV5-3	--	--	31.5	0.0	29	40	GV5-3	--	--	9.3	9.4	12	69
GV5-4	--	--	16.8	11.9	12	60	GV5-4	--	--	10.9	0.3	22	67
GV5-5	--	--	7.0	15.8	6.4	71	GV5-5	--	--	7.8	1.5	15	76
GV5-6	--	--	13.0	12.7	11	63	GV5-6	--	--	8.0	7.3	15	70
GV5-7	--	--	6.8	16.6	5.3	71	GV5-7	--	--	2.9	2.9	15	78
GV5-8	--	--	0.2	13.7	6.4	80	GV5-8	--	--	0.1	15.8	4.4	80
GV5-9	--	--	0.1	14.1	5.6	80	GV5-9	--	--	0.1	16.3	4.0	80

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(5) Temperature readings recorded from well head thermometers;
(6) NAM = Not Accessible for Monitoring;
(7) Wellheads in BOLD with X have been disconnected or valve closed; and
(8) Bal (Nitrogen) levels are the estimated balance gas remaining after deducting for CH4 (methane), O2 (oxygen), and CO2 (carbon dioxide).

VALLEYCREST GAS VENT AND WELL REPORT
(% Gas by Volume)

Week of:	Aug 05 - Aug 11						Week of:	Aug 19 - Aug 25					
Supplement/Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal	Supplement/ Extraction Well	Valve Notch	Vacuum	CH4	O2	CO2	Bal
EW-1	-1.20	--	4.2	10.0	19	67	EW-1	--	--	6.6	6.7	17	70
EW-2	-0.91	--	0.0	12.6	10	78	EW-2	--	--	0.2	12.7	8.6	79
EW-3	-0.53	--	19.7	1.4	21	58	EW-3	--	--	10.1	4.2	20	66
EW-4	--	--	15.3	1.0	24	60	EW-4	--	--	25.3	0.7	27	47
EW-5	--	--	29.2	0.0	28	43	EW-5	--	--	33.3	0.0	29	38
EW-6	--	--	23.5	0.0	26	51	EW-6	--	--	31.6	0.0	29	39
EW-7	--	--	24.9	0.0	24	51	EW-7	--	--	26.5	0.0	26	48
EW-8	--	--	27.3	0.0	26	47	EW-8	--	--	36.7	0.0	32	31
EW-9	--	--	36.8	0.0	29	34	EW-9	--	--	37.8	0.0	32	30
EW-10	-0.55	--	1.5	7.2	12	79	EW-10	--	--	6.6	10.3	12	71
EW-11	-1.28	--	1.4	16.0	4.9	78	EW-11	--	--	0.7	17.1	3.9	78
EW-12	-1.03	--	2.0	11.1	5.5	81	EW-12	--	--	0.1	17.8	2.8	79
SW1	--	--	34.4	0.4	28	37	SW1	--	--	29.6	2.0	30	38
SW2	--	--	32.1	0.0	30	38	SW2	--	--	31.2	0.0	31	38
SW3	--	--	--	--	--	--	SW3	--	--	--	--	--	--
NW1	--	--	8.4	0.5	24	67	NW1	--	--	7.3	0.5	23	69
NW2	--	--	37.1	0.0	33	30	NW2	--	--	32.2	0.0	32	36
NW3	--	--	35.0	0.0	34	31	NW3	--	--	33.1	0.0	34	33
NW4	--	--	21.8	0.0	28	50	NW4	--	--	20.1	0.1	29	51
NW5	--	--	10.6	0.0	24	65	NW5	--	--	9.5	0.0	24	67
NW6	--	--	57.0	0.0	22	21	NW6	--	--	56.6	0.0	40	3
NW7	--	--	29.5	5.6	38	27	NW7	--	--	23.0	7.1	22	48
NW8	--	--	9.2	0.0	25	66	NW8	--	--	8.4	0.2	23	68
WC1	--	--	42.6	0.0	31	26	WC1	--	--	42.6	0.0	31	26
WC4	--	--	--	--	--	--	WC4	--	--	--	--	--	--
FLARE 90	--	-4.00+	--	--	--	--	FLARE 90	--	-4.00+	--	--	--	--

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