THIRD QUARTERLY AIR QUALITY MONITORING REPORT for the HEWITT PIT LANDFILL

July-September 2002

Facility I.D.: 3530; Sector: PB
Application #343861
7245 Laurel Canyon Boulevard
North Hollywood, CA 91605-3709

Submitted to

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive
Diamond Bar, California 91765

Prepared by

GC ENVIRONMENTAL, INC.
1230 North Jefferson Street, Suite J
Anaheim, California 92807

On behalf of

CALMAT PROPERTIES
3200 San Fernando Road
Los Angeles, California 90065

Project Number 1003-1
November 2002

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
THIRD QUARTER 2002 QUARTERLY MONITORING REPORT
FOR THE
HEWITT PIT LANDFILL

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CALMAT PROPERTIES
3200 San Fernando Road
Los Angeles, California 90065

Project 1003-1

Brian Millage
Project Manager

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1.0 INTRODUCTION

This Third Quarter Air Quality Monitoring Report has been prepared for the Hewitt Pit Landfill in accordance with the South Coast Air Quality Management District's (SCAQMD) approved Rule 1150.1 Compliance Plan issued on December 17, 1999. The Hewitt Landfill is in compliance with all requirements of the 1150.1 plan. Additionally, no exceedances were measured in any of the testing performed.

The conditions of the plan and the monitoring results are summarized on the following table. **Figure 1** shows a layout of the landfill.

SUMMARY OF REQUIRED MONITORING, SCHEDULE AND RESULTS

Required Monitoring	Schedule	Results
TOCs in subsurface refuse boundary sampling probes (probes) to be less than 5%.	Monthly (minimum)	There were no TOC exceedances measured in any of the probes. Probe monitoring data is attached to this report as **Attachment 1.** The datafield probe identification table is shown as **Attachment 2.** Monitoring was performed weekly for most of this quarter.
TACs in probes.	Annually 2nd Quarterly Report.	Not required for this quarter.
Integrated surface sampling to be less than 50 ppmv as TOCs.	Annually 2nd Quarterly Report	Not required for this quarter.
Instantaneous surface monitoring to be less than 500 ppmv as TOCs.	Annually 2nd Quarterly Report	Not required for this quarter.
TOCs and TACs in the main gas collection header inlet.	Annually, included with this report.	Laboratory results listed as **Attachment 3.**
Flare source test and 98% destruction of NMOCs.	Annually, included with this report.	The annual source test result summary and efficiency table is attached to this compliance report as **Attachment 4.** The flare destruction efficiency was 98.6%.

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Attachment 1

GAS MONITORING PROBE LOCATIONS AND DATA

July through September 2002

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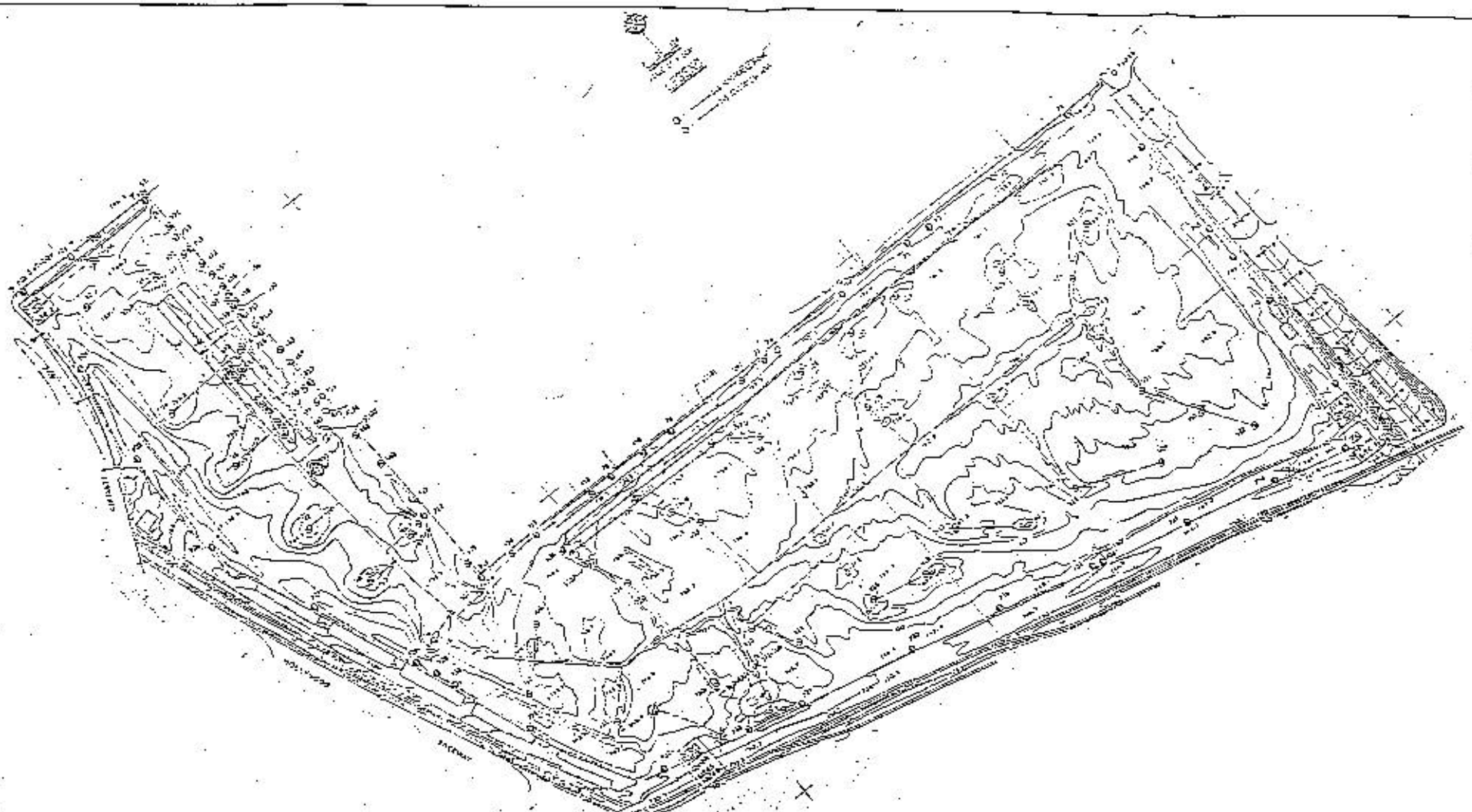

REV.	DATE	DESCRIPTION	BY

ENGINEER: GC ENVIRONMENTAL, INC.
1270 NORTH JEFFERSON ST. SUITE J
ANAHEIM CA. 92807, (714) 632-9663

PROJECT LOCATION: HEWITT PIT LANDFILL
N. HOLLYWOOD, CA

DESCRIPTION: GAS MONITORING PROBE LOCATIONS

PROJECT NO. 1003-1 | REF. DWG. | FILE NAME

SHEET: FIG-1

Hewitt

Probe Report for All Probes

7/02/2002 to 7/02/2002

Probe ID	Date	Gas Composition				Pressure		Comments
		CH4	O2	CO2	N2-Bal	Static	Atmospheric	
HWPT0001	7/2/02	0.00	20.30	0.00	79.70	0.00	0.00	
HWPT0002	7/2/02	0.00	16.00	3.70	80.30	0.00	0.00	
HWPT0003	7/2/02	0.00	18.80	1.10	80.10	0.00	0.00	
HWPT0004	7/2/02	0.00	17.40	1.70	80.90	0.00	0.00	
HWPT0005	7/2/02	0.00	19.70	0.30	80.00	0.00	0.00	
HWPT0006	7/2/02	0.00	18.70	1.10	80.20	0.00	0.00	
HWPT0007	7/2/02	0.00	18.20	1.30	80.50	0.00	0.00	
HWPT0008	7/2/02	0.00	17.10	2.50	80.40	0.00	0.00	
HWPT0009	7/2/02	0.00	18.30	1.20	80.50	0.00	0.00	
HWPT0010	7/2/02	0.00	18.10	1.00	80.90	0.00	0.00	
HWPT0011	7/2/02	0.00	14.80	1.20	84.00	0.00	0.00	
HWPT0012	7/2/02	0.00	18.90	0.60	80.50	0.00	0.00	
HWPT0013	7/2/02	0.00	19.90	0.00	80.10	0.00	0.00	
HWPT0014	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0015	7/2/02	0.00	19.50	0.30	80.10	0.00	0.00	
HWPT0016	7/2/02	0.00	19.90	0.00	80.10	0.00	0.00	
HWPT0017	7/2/02	0.00	19.50	0.20	80.30	0.00	0.00	
HWPT0018	7/2/02	0.00	19.70	0.10	80.20	0.00	0.00	
HWPT0019	7/2/02	0.00	19.80	0.00	80.20	0.00	0.00	
HWPT0020	7/2/02	0.00	19.80	0.00	80.20	0.00	0.00	
HWPT0021	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0022	7/2/02	0.00	19.90	0.00	80.10	0.00	0.00	
HWPT0023	7/2/02	0.00	18.80	0.80	80.40	0.00	0.00	
HWPT0024	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0025	7/2/02	0.00	20.10	0.00	79.80	0.00	0.00	
HWPT0026	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0027	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0028	7/2/02	0.00	20.10	0.00	79.90	0.00	0.00	
HWPT0029	7/2/02	0.00	19.90	0.10	80.00	0.00	0.00	
HWPT0030	7/2/02	0.00	20.10	0.00	79.90	0.00	0.00	
HWPT0031	7/2/02	0.00	20.10	0.00	79.90	0.00	0.00	
HWPT0032	7/2/02	0.00	19.80	0.20	80.00	0.00	0.00	
HWPT0033	7/2/02	0.00	20.10	0.00	79.90	0.00	0.00	
HWPT0034	7/2/02	0.00	19.40	0.50	80.10	0.00	0.00	
HWPT0035	7/2/02	0.00	20.10	0.00	79.90	0.00	0.00	
HWPT0036	7/2/02	0.00	15.10	4.40	80.50	0.00	0.00	
HWPT0037	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0038	7/2/02	0.00	19.40	0.40	80.20	0.00	0.00	
HWPT0039	7/2/02	0.00	19.70	0.30	80.00	0.00	0.00	
HWPT0040	7/2/02	0.00	19.90	0.00	80.10	0.00	0.00	
HWPT0041	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0042	7/2/02	0.00	20.20	0.00	79.80	0.00	0.00	
HWPT0043	7/2/02	0.00	18.80	1.00	80.20	0.00	0.00	
HWPT0044	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0045	7/2/02	0.00	16.60	2.50	80.90	0.00	0.00	
HWPT0046	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0047	7/2/02	0.00	19.90	0.10	80.00	0.00	0.00	
HWPT0048	7/2/02	0.00	19.10	0.70	80.20	0.00	0.00	
HWPT0049	7/2/02	0.00	19.00	1.10	79.90	0.00	0.00	
HWPT0050	7/2/02	0.00	18.50	1.60	79.90	0.00	0.00	
HWPT0051	7/2/02	0.00	18.80	1.40	79.80	0.00	0.00	

Hewitt

Probe Report for All Probes

7/02/2002 to 7/02/2002

Probe ID	Date	Gas Composition				Pressure		Comments
		CH4	O2	CO2	N2-Bal	Static	Atmospheric	
HWPT0052	7/2/02	0.00	19.20	0.70	80.10	0.00	0.00	
HWPT0053	7/2/02	0.00	19.80	0.00	80.20	0.00	0.00	
HWPT0054	7/2/02	0.00	20.10	0.00	79.90	0.00	0.00	
HWPT0055	7/2/02	0.00	18.90	1.10	80.00	0.00	0.00	
HWPT0056	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0057	7/2/02	0.00	19.10	0.90	80.00	0.00	0.00	
HWPT0058	7/2/02	0.00	19.60	0.30	80.10	0.00	0.00	
HWPT0059	7/2/02	0.00	19.60	0.30	80.10	0.00	0.00	
HWPT0060	7/2/02	0.00	19.10	0.70	80.20	0.00	0.00	
HWPT0061	7/2/02	0.00	19.10	0.40	80.50	0.00	0.00	
HWPT0062	7/2/02	0.00	18.30	1.00	80.70	0.00	0.00	
HWPT0063	7/2/02	0.00	15.90	2.50	81.60	0.00	0.00	
HWPT0064	7/2/02	0.00	19.90	0.00	80.10	0.00	0.00	
HWPT0065	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0066	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0067	7/2/02	0.00	19.70	0.00	80.30	0.00	0.00	
HWPT0068	7/2/02	0.00	19.80	0.00	80.20	0.00	0.00	
HWPT0069	7/2/02	0.00	19.40	0.40	80.20	0.00	0.00	
HWPT0070	7/2/02	0.00	18.80	0.70	80.50	0.00	0.00	
HWPT0071	7/2/02	0.00	19.90	0.00	80.10	0.00	0.00	
HWPT0072	7/2/02	0.00	19.90	0.00	80.10	0.00	0.00	
HWPT0073	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0074	7/2/02	0.00	20.10	0.00	79.90	0.00	0.00	
HWPT0075	7/2/02	0.00	19.40	0.40	80.20	0.00	0.00	
HWPT0076	7/2/02	0.00	19.90	0.10	80.00	0.00	0.00	
HWPT0077	7/2/02	0.00	20.20	0.10	79.70	0.00	0.00	
HWPT0078	7/2/02	0.00	17.40	1.80	80.80	0.00	0.00	
HWPT0079	7/2/02	0.00	20.00	0.10	79.90	0.00	0.00	
HWPT0080	7/2/02	0.00	20.00	0.00	80.00	0.00	0.00	
HWPT0081	7/2/02	0.00	19.70	0.10	80.20	0.00	0.00	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00069	07/09/2002	0.0	0.5	20.0	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00070	07/09/2002	0.0	0.3	20.0	79.7	0.0	-0.040	<<<	<<<	<<<	
HEW00071	07/09/2002	0.0	0.0	20.5	79.5	0.0	-0.020	<<<	<<<	<<<	
HEW00072	07/09/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00073	07/09/2002	0.0	0.0	20.3	79.7	0.0	-0.020	<<<	<<<	<<<	
HEW00074	07/09/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00075	07/09/2002	0.0	0.1	20.2	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00076	07/09/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00077	07/09/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00078	07/09/2002	0.0	0.0	20.5	79.5	0.0	-0.020	<<<	<<<	<<<	
HEW00079	07/09/2002	0.0	1.6	18.0	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00080	07/09/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00081	07/09/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00001	07/09/2002	0.0	2.3	17.4	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00002	07/09/2002	0.0	2.5	17.5	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00003	07/09/2002	0.0	0.3	20.0	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00004	07/09/2002	0.0	0.1	20.3	79.6	0.0	-0.010	<<<	<<<	<<<	
HEW00005	07/09/2002	0.0	4.6	14.2	81.2	0.0	0.000	<<<	<<<	<<<	
HEW00006	07/09/2002	0.0	0.6	19.9	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00007	07/09/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00008	07/09/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00009	07/09/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00010	07/09/2002	0.0	0.3	19.2	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00011	07/09/2002	0.0	0.3	18.9	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00012	07/09/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00013	07/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00014	07/09/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00015	07/09/2002	0.0	0.0	20.1	79.9	0.0	-0.020	<<<	<<<	<<<	
HEW00016	07/09/2002	0.0	0.6	19.2	80.2	0.0	-0.010	<<<	<<<	<<<	
HEW00017	07/09/2002	0.0	0.1	19.9	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00018	07/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00019	07/09/2002	0.0	0.0	20.1	79.9	0.0	-0.020	<<<	<<<	<<<	
HEW00020	07/09/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00021	07/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00022	07/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00023	07/09/2002	0.0	0.6	19.2	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00024	07/09/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00025	07/09/2002	0.0	0.3	19.4	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00026	07/09/2002	0.0	0.4	19.3	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00027	07/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00028	07/09/2002	0.0	0.1	20.1	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00029	07/09/2002	0.0	0.3	19.5	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00030	07/09/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00031	07/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00032	07/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00033	07/09/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00034	07/09/2002	0.0	0.3	19.7	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00035	07/09/2002	0.0	0.9	18.8	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00036	07/09/2002	0.0	0.9	18.5	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00037	07/09/2002	0.0	0.9	18.8	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00038	07/09/2002	0.0	0.7	18.9	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00039	07/09/2002	0.0	0.3	19.8	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00040	07/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00041	07/09/2002	0.0	0.2	19.5	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00042	07/09/2002	0.0	0.9	18.4	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00043	07/09/2002	0.0	1.0	18.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00044	07/09/2002	0.0	0.9	18.7	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00045	07/09/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00046	07/09/2002	0.0	0.5	18.8	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00047	07/09/2002	0.0	0.9	18.8	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00048	07/09/2002	0.0	0.7	18.7	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00049	07/09/2002	0.0	1.0	18.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00050	07/09/2002	0.0	0.3	19.8	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00051	07/09/2002	0.0	0.3	19.7	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00052	07/09/2002	0.0	0.3	19.7	80.0	0.0	0.010	<<<	<<<	<<<	
HEW00053	07/09/2002	0.0	0.3	19.7	80.0	0.0	0.010	<<<	<<<	<<<	
HEW00054	07/09/2002	0.0	1.5	17.8	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00055	07/09/2002	0.0	1.6	17.6	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00056	07/09/2002	0.0	0.7	18.8	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00057	07/09/2002	0.0	0.6	19.5	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00058	07/09/2002	0.0	0.2	19.8	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00059	07/09/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00060	07/09/2002	0.0	0.7	19.2	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00061	07/09/2002	0.0	0.4	19.4	80.2	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00062	07/09/2002	0.0	2.0	16.2	81.8	0.0	0.000	<<<	<<<	<<<	
HEW00063	07/09/2002	0.0	0.2	19.6	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00064	07/09/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00065	07/09/2002	0.0	0.5	19.5	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00066	07/09/2002	0.0	0.5	19.5	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00067	07/09/2002	0.0	0.5	19.5	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00068	07/09/2002	0.0	0.5	19.4	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00069	07/16/2002	0.0	0.3	20.2	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00070	07/16/2002	0.0	0.3	20.0	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00071	07/16/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00072	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00073	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00074	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00075	07/16/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00076	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00077	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00078	07/16/2002	0.0	2.0	17.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00079	07/16/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00080	07/16/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00081	07/16/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00001	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00002	07/16/2002	0.0	2.4	18.1	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00003	07/16/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00004	07/16/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00005	07/16/2002	0.0	0.7	19.5	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00006	07/16/2002	0.0	0.4	20.0	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00007	07/16/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00008	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00009	07/16/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00010	07/16/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00011	07/16/2002	0.0	0.6	17.3	82.1	0.0	0.000	<<<	<<<	<<<	
HEW00012	07/16/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00013	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00014	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00015	07/16/2002	0.0	0.2	20.1	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00016	07/16/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00017	07/16/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00018	07/16/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00019	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00020	07/16/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00021	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00022	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00023	07/16/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00024	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00025	07/16/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00026	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00027	07/16/2002	0.0	0.0	20.3	79.7	0.3	-0.180	<<<	<<<	<<<	
HEW00028	07/16/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00029	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00030	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00031	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00032	07/16/2002	0.0	0.0	20.4	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00033	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00034	07/16/2002	0.0	0.4	19.7	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00035	07/16/2002	0.0	0.2	20.1	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00036	07/16/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00037	07/16/2002	0.0	0.2	20.5	79.3	0.0	0.000	<<<	<<<	<<<	
HEW00038	07/16/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00039	07/16/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00040	07/16/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00041	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00042	07/16/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00043	07/16/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00044	07/16/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00045	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00046	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00047	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00048	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00049	07/16/2002	0.0	0.9	19.3	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00050	07/16/2002	0.0	0.3	20.1	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00051	07/16/2002	0.0	0.6	19.8	79.8	0.0	0.010	<<<	<<<	<<<	
HEW00052	07/16/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00053	07/16/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00054	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00055	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00056	07/16/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00057	07/16/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00058	07/16/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00059	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00060	07/16/2002	0.0	0.0	20.4	79.6	0.0	0.010	<<<	<<<	<<<	
HEW00061	07/16/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00062	07/16/2002	0.0	2.2	16.4	81.4	0.0	0.000	<<<	<<<	<<<	
HEW00063	07/16/2002	0.0	0.1	20.0	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00064	07/16/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00065	07/16/2002	0.0	0.4	20.0	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00066	07/16/2002	0.0	0.4	20.0	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00067	07/16/2002	0.0	0.4	20.0	79.6	0.0	0.000	1	<<<	<<<	
HEW00068	07/16/2002	0.0	0.4	20.0	79.6	0.0	0.000	1	<<<	<<<	
HEW00001	07/24/2002	0.0	1.9	17.7	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00002	07/24/2002	0.0	2.0	18.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00003	07/24/2002	0.0	0.2	20.4	79.4	0.2	-0.060	<<<	<<<	<<<	
HEW00004	07/24/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00005	07/24/2002	0.0	1.5	17.4	81.1	0.0	-0.020	<<<	<<<	<<<	
HEW00006	07/24/2002	0.0	0.7	19.8	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00007	07/24/2002	0.0	0.3	20.2	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00008	07/24/2002	0.0	0.1	20.5	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00009	07/24/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00010	07/24/2002	0.0	0.1	20.2	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00011	07/24/2002	0.0	0.2	19.2	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00012	07/24/2002	0.0	0.1	19.9	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00013	07/24/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00014	07/24/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00015	07/24/2002	0.0	0.0	20.4	79.6	0.1	-0.030	<<<	<<<	<<<	
HEW00016	07/24/2002	0.0	0.3	19.6	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00017	07/24/2002	0.0	0.1	19.9	80.0	0.1	-0.040	<<<	<<<	<<<	
HEW00018	07/24/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00019	07/24/2002	0.0	0.0	20.1	79.9	0.0	-0.020	<<<	<<<	<<<	
HEW00020	07/24/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00021	07/24/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00022	07/24/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00023	07/24/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00024	07/24/2002	0.0	0.1	20.0	79.9	0.0	-0.020	<<<	<<<	<<<	
HEW00025	07/24/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00026	07/24/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00027	07/24/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00028	07/24/2002	0.0	0.1	19.9	80.0	0.0	-0.020	<<<	<<<	<<<	
HEW00029	07/24/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00030	07/24/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00031	07/24/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00032	07/24/2002	0.0	0.0	19.9	80.1	0.0	-0.040	<<<	<<<	<<<	
HEW00033	07/24/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00034	07/24/2002	0.0	0.0	20.2	79.8	0.1	0.000	<<<	<<<	<<<	
HEW00035	07/24/2002	0.0	0.4	19.4	80.2	0.1	0.000	<<<	<<<	<<<	
HEW00036	07/24/2002	0.0	1.1	18.4	80.5	0.0	-0.010	<<<	<<<	<<<	
HEW00037	07/24/2002	0.0	0.9	19.0	80.1	0.0	-0.010	<<<	<<<	<<<	
HEW00038	07/24/2002	0.0	0.3	19.4	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00039	07/24/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00040	07/24/2002	0.0	0.1	19.8	80.1	0.0	-0.010	<<<	<<<	<<<	
HEW00041	07/24/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00042	07/24/2002	0.0	0.4	19.1	80.5	0.0	-0.020	<<<	<<<	<<<	
HEW00043	07/24/2002	0.0	0.4	19.3	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00044	07/24/2002	0.0	0.4	19.3	80.3	0.0	-0.020	<<<	<<<	<<<	
HEW00045	07/24/2002	0.0	2.5	14.5	83.0	0.0	-0.020	<<<	<<<	<<<	
HEW00046	07/24/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00047	07/24/2002	0.0	0.0	19.9	80.1	0.0	-0.020	<<<	<<<	<<<	
HEW00048	07/24/2002	0.0	0.0	19.9	80.1	0.0	-0.020	<<<	<<<	<<<	
HEW00049	07/24/2002	0.0	0.9	18.9	80.2	0.0	-0.060	<<<	<<<	<<<	
HEW00050	07/24/2002	0.0	0.6	19.4	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00051	07/24/2002	0.0	0.4	19.3	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00052	07/24/2002	0.0	0.3	19.3	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00053	07/24/2002	0.0	0.1	19.5	80.4	0.0	-0.020	<<<	<<<	<<<	
HEW00054	07/24/2002	0.0	0.9	17.8	81.3	0.0	0.000	<<<	<<<	<<<	
HEW00055	07/24/2002	0.0	1.6	17.7	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00056	07/24/2002	0.0	0.6	18.7	80.7	0.0	-0.010	<<<	<<<	<<<	
HEW00057	07/24/2002	0.0	0.1	19.6	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00058	07/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00059	07/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00060	07/24/2002	0.0	0.2	19.2	80.6	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00061	07/24/2002	0.0	0.2	19.3	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00062	07/24/2002	0.0	1.4	16.2	82.4	0.0	0.000	<<<	<<<	<<<	
HEW00063	07/24/2002	0.0	0.4	19.3	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00064	07/24/2002	0.0	0.1	19.5	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00065	07/24/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00066	07/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00067	07/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00068	07/24/2002	0.0	0.4	18.9	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00069	07/24/2002	0.0	0.2	19.0	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00070	07/24/2002	0.0	0.1	19.3	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00071	07/24/2002	0.0	0.0	19.5	80.5	0.0	-0.010	<<<	<<<	<<<	
HEW00072	07/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00073	07/24/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00074	07/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00075	07/24/2002	0.0	0.0	19.3	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00076	07/24/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00077	07/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00078	07/24/2002	0.0	0.8	17.4	81.8	0.0	0.000	<<<	<<<	<<<	
HEW00079	07/24/2002	0.0	1.1	17.9	81.0	0.0	0.000	<<<	<<<	<<<	
HEW00080	07/24/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00081	07/24/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00069	07/30/2002	0.0	0.3	20.2	79.5	0.3	-0.180	<<<	<<<	<<<	
HEW00070	07/30/2002	0.0	0.3	20.0	79.7	0.0	-0.020	<<<	<<<	<<<	
HEW00071	07/30/2002	0.0	0.0	20.2	79.8	0.0	-0.020	<<<	<<<	<<<	
HEW00072	07/30/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00073	07/30/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00074	07/30/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00075	07/30/2002	0.0	0.2	19.9	79.9	0.0	-0.020	<<<	<<<	<<<	
HEW00076	07/30/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00077	07/30/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00078	07/30/2002	0.0	0.2	20.0	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00079	07/30/2002	0.0	1.1	18.7	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00080	07/30/2002	0.0	0.3	19.8	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00081	07/30/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00001	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00002	07/30/2002	0.0	2.4	18.0	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00003	07/30/2002	0.0	0.4	20.1	79.5	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00004	07/30/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00005	07/30/2002	0.0	1.4	18.8	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00006	07/30/2002	0.0	0.9	19.5	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00007	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00008	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00009	07/30/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00010	07/30/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00011	07/30/2002	0.0	0.4	18.9	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00012	07/30/2002	0.0	0.1	20.1	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00013	07/30/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00014	07/30/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00015	07/30/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00016	07/30/2002	0.0	0.5	19.7	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00017	07/30/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00018	07/30/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00019	07/30/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00020	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00021	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00022	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00023	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00024	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00025	07/30/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00026	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00027	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00028	07/30/2002	0.0	0.3	20.4	79.3	0.0	0.000	<<<	<<<	<<<	
HEW00029	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00030	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00031	07/30/2002	0.0	0.0	20.7	79.3	0.0	-0.010	<<<	<<<	<<<	
HEW00032	07/30/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00033	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00034	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00035	07/30/2002	0.0	0.8	19.6	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00036	07/30/2002	0.0	0.5	20.1	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00037	07/30/2002	0.0	0.7	20.0	79.3	0.0	0.000	<<<	<<<	<<<	
HEW00038	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00039	07/30/2002	0.0	0.0	20.7	79.3	0.0	0.000	<<<	<<<	<<<	
HEW00040	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 07/01/2002 to 07/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00041	07/30/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00042	07/30/2002	0.0	0.7	19.6	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00043	07/30/2002	0.0	1.0	19.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00044	07/30/2002	0.0	0.9	19.5	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00045	07/30/2002	0.0	0.5	20.1	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00046	07/30/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00047	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00048	07/30/2002	0.0	0.9	19.4	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00049	07/30/2002	0.0	0.7	19.8	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00050	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00051	07/30/2002	0.0	0.5	19.9	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00052	07/30/2002	0.0	0.4	20.0	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00053	07/30/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00054	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00055	07/30/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00056	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00057	07/30/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00058	07/30/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00059	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00060	07/30/2002	0.0	0.3	20.0	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00061	07/30/2002	0.0	0.4	20.0	79.6	0.0	-0.020	<<<	<<<	<<<	
HEW00062	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00063	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00064	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00065	07/30/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00066	07/30/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00067	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00068	07/30/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00069	08/07/2002	0.0	0.4	20.0	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00070	08/07/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00071	08/07/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00072	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00073	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00074	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00075	08/07/2002	0.0	0.0	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00076	08/07/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00077	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00078	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00079	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00080	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00081	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00001	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00002	08/07/2002	0.0	2.3	18.0	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00003	08/07/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00004	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00005	08/07/2002	0.0	1.0	19.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00006	08/07/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00007	08/07/2002	0.0	0.5	19.9	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00008	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00010	08/07/2002	0.0	0.3	19.7	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00011	08/07/2002	0.0	0.5	18.0	81.5	0.0	0.000	<<<	<<<	<<<	
HEW00013	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00014	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00015	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00016	08/07/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00017	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00018	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00019	08/07/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00020	08/07/2002	0.0	0.0	20.4	79.6	0.0	-0.020	<<<	<<<	<<<	
HEW00021	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00022	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00023	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00024	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00025	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00026	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00027	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00028	08/07/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00029	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00030	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00031	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00032	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00033	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00034	08/07/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00035	08/07/2002	0.0	0.4	19.8	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00036	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00037	08/07/2002	0.0	0.1	20.5	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00038	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00039	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00040	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00041	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00042	08/07/2002	0.0	0.3	20.1	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00043	08/07/2002	0.0	0.6	19.5	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00044	08/07/2002	0.0	0.4	19.7	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00045	08/07/2002	0.0	0.4	20.2	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00046	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00047	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00048	08/07/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00049	08/07/2002	0.0	0.5	19.9	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00050	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00051	08/07/2002	0.0	0.5	19.8	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00052	08/07/2002	0.0	0.5	19.9	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00053	08/07/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00054	08/07/2002	0.0	0.0	20.5	79.5	0.0	-0.020	<<<	<<<	<<<	
HEW00055	08/07/2002	0.0	0.0	20.5	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00056	08/07/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00057	08/07/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00058	08/07/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00059	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00060	08/07/2002	0.0	0.3	20.0	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00061	08/07/2002	0.0	0.5	19.9	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00062	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00063	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00064	08/07/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00065	08/07/2002	0.0	0.0	20.4	79.6	0.0	-0.010	<<<	<<<	<<<	
HEW00066	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00067	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00068	08/07/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00069	08/15/2002	0.0	0.4	20.2	79.4	0.0	-0.040	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00070	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00071	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00072	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00073	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00074	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00075	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00076	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00077	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00078	08/15/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00079	08/15/2002	0.0	3.3	16.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00080	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00081	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00001	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00002	08/15/2002	0.0	2.6	18.0	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00003	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00004	08/15/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00005	08/15/2002	0.0	0.3	20.2	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00006	08/15/2002	0.0	0.8	19.6	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00007	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00008	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00009	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00010	08/15/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00011	08/15/2002	0.0	0.6	18.3	81.1	0.0	0.000	<<<	<<<	<<<	
HEW00012	08/15/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00013	08/15/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00014	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00015	08/15/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00016	08/15/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00017	08/15/2002	0.0	0.3	20.1	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00018	08/15/2002	0.0	0.1	20.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00019	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00020	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00021	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00022	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.010	<<<	<<<	<<<	
HEW00023	08/15/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00024	08/15/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00025	08/15/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00026	08/15/2002	0.0	0.3	19.8	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00027	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00028	08/15/2002	0.0	0.2	20.1	79.7	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00029	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00030	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00031	08/15/2002	0.0	0.0	20.4	79.6	0.0	-0.010	<<<	<<<	<<<	
HEW00032	08/15/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00033	08/15/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00034	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00035	08/15/2002	0.0	0.3	20.0	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00036	08/15/2002	0.0	0.4	20.1	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00037	08/15/2002	0.0	0.3	19.9	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00038	08/15/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00039	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00040	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00041	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00042	08/15/2002	0.0	0.6	19.8	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00043	08/15/2002	0.0	1.1	18.8	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00044	08/15/2002	0.0	1.3	18.6	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00045	08/15/2002	0.0	3.2	17.0	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00046	08/15/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00047	08/15/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00048	08/15/2002	0.0	0.5	19.8	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00049	08/15/2002	0.0	1.1	19.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00050	08/15/2002	0.0	0.3	20.3	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00051	08/15/2002	0.0	0.7	19.7	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00052	08/15/2002	0.0	0.5	20.0	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00053	08/15/2002	0.0	0.3	20.2	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00054	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00055	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00056	08/15/2002	0.0	0.0	20.4	79.6	0.0	0.010	<<<	<<<	<<<	
HEW00057	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00058	08/15/2002	0.0	0.2	20.2	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00059	08/15/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00060	08/15/2002	0.0	0.2	20.0	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00061	08/15/2002	0.0	0.4	20.0	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00062	08/15/2002	0.0	0.3	20.0	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00063	08/15/2002	0.0	0.6	19.6	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00064	08/15/2002	0.0	0.6	19.8	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00065	08/15/2002	0.0	0.5	19.9	79.6	0.0	-0.010	<<<	<<<	<<<	
HEW00066	08/15/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00067	08/15/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00068	08/15/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00069	08/21/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00070	08/21/2002	0.0	0.0	20.6	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00071	08/21/2002	0.0	0.0	20.5	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00072	08/21/2002	0.0	0.0	20.5	79.5	0.0	0.010	<<<	<<<	<<<	
HEW00074	08/21/2002	0.0	0.1	20.5	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00075	08/21/2002	0.0	0.1	20.5	79.4	0.0	0.000	<<<	<<<	<<<	
HEW00076	08/21/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00077	08/21/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00078	08/21/2002	0.0	0.1	20.4	79.5	0.0	0.000	<<<	<<<	<<<	
HEW00079	08/21/2002	0.0	2.0	18.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00080	08/21/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00081	08/21/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00001	08/21/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00002	08/21/2002	0.0	2.3	18.1	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00003	08/21/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00004	08/21/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00005	08/21/2002	0.0	0.4	20.1	79.5	0.0	-0.010	<<<	<<<	<<<	
HEW00006	08/21/2002	0.0	1.0	19.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00007	08/21/2002	0.0	0.4	19.9	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00008	08/21/2002	0.0	0.2	20.1	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00009	08/21/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00010	08/21/2002	0.0	0.2	19.9	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00011	08/21/2002	0.0	0.3	19.3	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00012	08/21/2002	0.0	0.2	19.9	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00013	08/21/2002	0.0	0.2	20.0	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00014	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00015	08/21/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00016	08/21/2002	0.0	0.9	19.4	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00017	08/21/2002	0.0	0.4	19.9	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00018	08/21/2002	0.0	0.1	20.2	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00019	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00020	08/21/2002	0.0	0.0	20.2	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00021	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00022	08/21/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00023	08/21/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00024	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00025	08/21/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00026	08/21/2002	0.0	0.3	19.8	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00027	08/21/2002	0.0	0.3	19.7	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00028	08/21/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00029	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00030	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00031	08/21/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00032	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00033	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00034	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00035	08/21/2002	0.0	0.7	19.4	79.9	0.0	-0.020	<<<	<<<	<<<	
HEW00036	08/21/2002	0.0	0.9	19.3	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00037	08/21/2002	0.0	0.5	19.6	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00038	08/21/2002	0.0	0.2	20.1	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00039	08/21/2002	0.0	0.2	20.0	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00040	08/21/2002	0.0	0.2	20.0	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00041	08/21/2002	0.0	0.1	20.0	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00042	08/21/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00043	08/21/2002	0.0	0.6	19.6	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00044	08/21/2002	0.0	0.7	19.3	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00045	08/21/2002	0.0	0.4	19.8	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00046	08/21/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00047	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00048	08/21/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00049	08/21/2002	0.0	0.9	19.3	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00050	08/21/2002	0.0	0.2	20.1	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00051	08/21/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00052	08/21/2002	0.0	0.6	19.6	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00053	08/21/2002	0.0	0.3	20.0	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00054	08/21/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00055	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00056	08/21/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00057	08/21/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00058	08/21/2002	0.0	0.2	20.1	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00059	08/21/2002	0.0	0.2	20.0	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00060	08/21/2002	0.0	0.5	19.7	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00061	08/21/2002	0.0	0.4	19.9	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00062	08/21/2002	0.0	0.8	19.1	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00063	08/21/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00064	08/21/2002	0.0	0.4	19.8	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00065	08/21/2002	0.0	0.5	19.8	79.7	0.0	0.000	1	<<<	<<<	
HEW00066	08/21/2002	0.0	0.6	19.9	79.5	0.0	0.000	1	<<<	<<<	
HEW00067	08/21/2002	0.0	0.6	19.8	79.6	0.0	0.000	1	<<<	<<<	
HEW00068	08/21/2002	0.0	0.4	19.9	79.7	0.0	0.000	1	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gam ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00001	08/28/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00002	08/28/2002	0.0	2.1	17.2	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00003	08/28/2002	0.0	0.1	19.4	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00004	08/28/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00005	08/28/2002	0.0	0.1	19.4	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00006	08/28/2002	0.0	0.1	19.4	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00007	08/28/2002	0.0	0.3	19.2	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00008	08/28/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00009	08/28/2002	0.0	0.2	19.2	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00010	08/28/2002	0.0	0.6	18.6	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00011	08/28/2002	0.0	0.8	14.1	85.1	0.0	0.000	<<<	<<<	<<<	
HEW00012	08/28/2002	0.0	0.1	19.2	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00013	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00014	08/28/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00015	08/28/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00016	08/28/2002	0.0	0.3	19.0	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00017	08/28/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00018	08/28/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00019	08/28/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00020	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00021	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00022	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00023	08/28/2002	0.0	0.2	19.3	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00024	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00025	08/28/2002	0.0	0.2	19.3	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00026	08/28/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00027	08/28/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00028	08/28/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00029	08/28/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00030	08/28/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00031	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00032	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00033	08/28/2002	0.0	1.1	18.2	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00034	08/28/2002	0.0	0.2	19.2	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00035	08/28/2002	0.0	2.3	16.4	81.3	0.0	0.000	<<<	<<<	<<<	
HEW00036	08/28/2002	0.0	3.3	15.8	80.9	0.0	0.000	<<<	<<<	<<<	
HEW00037	08/28/2002	0.0	0.6	18.8	80.6	0.1	0.000	<<<	<<<	<<<	
HEW00038	08/28/2002	0.0	3.8	14.7	81.5	0.0	0.000	<<<	<<<	<<<	
HEW00039	08/28/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00040	08/28/2002	0.0	0.1	19.6	80.3	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00041	08/28/2002	0.0	0.6	18.9	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00042	08/28/2002	0.0	3.6	15.6	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00043	08/28/2002	0.0	1.2	17.6	81.2	0.0	0.000	<<<	<<<	<<<	
HEW00044	08/28/2002	0.0	1.5	17.7	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00045	08/28/2002	0.0	5.5	12.4	82.1	0.0	0.000	<<<	<<<	<<<	
HEW00046	08/28/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00047	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00048	08/28/2002	0.0	0.6	18.8	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00049	08/28/2002	0.0	0.3	19.5	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00050	08/28/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00051	08/28/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00052	08/28/2002	0.0	0.2	19.4	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00053	08/28/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00054	08/28/2002	0.0	1.5	18.1	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00055	08/28/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00056	08/28/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00057	08/28/2002	0.0	0.3	19.6	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00058	08/28/2002	0.0	0.3	19.3	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00059	08/28/2002	0.0	0.2	19.7	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00060	08/28/2002	0.0	0.6	19.3	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00061	08/28/2002	0.0	0.2	19.5	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00062	08/28/2002	0.0	2.6	16.6	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00063	08/28/2002	0.0	0.2	19.5	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00064	08/28/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00065	08/28/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00066	08/28/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00067	08/28/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00068	08/28/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00069	08/28/2002	0.0	0.1	19.8	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00070	08/28/2002	0.0	0.1	19.7	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00071	08/28/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00072	08/28/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00073	08/28/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00074	08/28/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00075	08/28/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00076	08/28/2002	0.0	0.0	20.4	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00077	08/28/2002	0.0	0.0	20.3	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00079	08/28/2002	0.0	3.4	15.7	80.9	0.0	0.000	<<<	<<<	<<<	
HEW00078	08/28/2002	0.0	0.2	18.7	81.1	0.0	0.000	<<<	<<<	<<<	
HEW00080	08/28/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 08/01/2002 to 08/31/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00081	08/28/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00001	09/02/2002	0.0	0.0	20.4	79.6	0.0	-0.050	<<<	<<<	<<<	
HEW00002	09/02/2002	0.0	2.1	18.3	79.6	0.0	0.000	<<<	<<<	<<<	
HEW00003	09/02/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00004	09/02/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00005	09/02/2002	0.0	1.6	18.6	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00006	09/02/2002	0.0	0.2	19.9	79.9	0.1	-0.070	<<<	<<<	<<<	
HEW00007	09/02/2002	0.0	0.0	20.1	79.9	0.0	0.070	<<<	<<<	<<<	
HEW00008	09/02/2002	0.0	0.0	20.0	80.0	0.0	-0.020	<<<	<<<	<<<	
HEW00009	09/02/2002	0.0	0.2	19.8	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00010	09/02/2002	0.0	0.2	19.7	80.1	0.0	-0.020	<<<	<<<	<<<	
HEW00011	09/02/2002	0.0	0.4	17.8	81.8	0.0	0.000	<<<	<<<	<<<	
HEW00012	09/02/2002	0.0	0.1	19.5	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00013	09/02/2002	0.0	0.1	19.7	80.2	0.0	-0.010	<<<	<<<	<<<	
HEW00014	09/02/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00015	09/02/2002	0.0	0.5	19.0	80.5	0.0	-0.010	<<<	<<<	<<<	
HEW00016	09/02/2002	0.0	0.0	19.7	80.3	0.0	-0.020	<<<	<<<	<<<	
HEW00017	09/02/2002	0.0	0.0	19.8	80.2	0.0	-0.030	<<<	<<<	<<<	
HEW00018	09/02/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00019	09/02/2002	0.0	0.0	19.8	80.2	0.0	-0.020	<<<	<<<	<<<	
HEW00020	09/02/2002	0.0	0.0	19.7	80.3	0.0	-0.040	<<<	<<<	<<<	
HEW00021	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00022	09/02/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00023	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00024	09/02/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00025	09/02/2002	0.0	0.1	19.6	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00026	09/02/2002	0.0	0.0	19.7	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00027	09/02/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00028	09/02/2002	0.0	0.3	19.4	80.3	0.0	-0.020	<<<	<<<	<<<	
HEW00029	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.020	<<<	<<<	<<<	
HEW00030	09/02/2002	0.0	0.0	19.8	80.2	0.0	-0.020	<<<	<<<	<<<	
HEW00031	09/02/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00032	09/02/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00033	09/02/2002	0.0	0.0	19.8	80.2	0.0	-0.010	<<<	<<<	<<<	
HEW00034	09/02/2002	0.0	0.0	19.8	80.2	0.0	-0.040	<<<	<<<	<<<	
HEW00035	09/02/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00036	09/02/2002	0.0	1.0	18.0	81.0	0.0	0.000	<<<	<<<	<<<	
HEW00037	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00038	09/02/2002	0.0	0.0	19.7	80.3	0.0	-0.020	<<<	<<<	<<<	
HEW00039	09/02/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00040	09/02/2002	0.0	0.1	19.6	80.3	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00041	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00042	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00043	09/02/2002	0.0	0.6	19.0	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00044	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00045	09/02/2002	0.0	0.3	19.4	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00046	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00047	09/02/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00048	09/02/2002	0.0	0.3	19.2	80.5	0.0	-0.020	<<<	<<<	<<<	
HEW00049	09/02/2002	0.0	0.9	18.7	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00050	09/02/2002	0.0	0.5	19.3	80.2	0.0	-0.010	<<<	<<<	<<<	
HEW00051	09/02/2002	0.0	0.6	18.9	80.5	0.0	-0.030	<<<	<<<	<<<	
HEW00052	09/02/2002	0.0	0.4	19.3	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00053	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.020	<<<	<<<	<<<	
HEW00054	09/02/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00055	09/02/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00056	09/02/2002	0.0	0.0	19.7	80.3	0.0	-0.030	<<<	<<<	<<<	
HEW00057	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.030	<<<	<<<	<<<	
HEW00058	09/02/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00059	09/02/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00060	09/02/2002	0.0	0.4	19.2	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00061	09/02/2002	0.0	0.2	19.3	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00062	09/02/2002	0.0	1.0	17.1	81.9	0.0	0.000	<<<	<<<	<<<	
HEW00063	09/02/2002	0.0	0.1	19.3	80.6	0.0	-0.030	<<<	<<<	<<<	
HEW00064	09/02/2002	0.0	0.3	19.3	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00065	09/02/2002	0.0	0.0	19.7	80.3	0.0	-0.020	<<<	<<<	<<<	
HEW00066	09/02/2002	0.0	0.0	19.5	80.5	0.0	-0.010	<<<	<<<	<<<	
HEW00067	09/02/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00068	09/02/2002	0.0	0.0	19.3	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00069	09/02/2002	0.0	0.0	19.3	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00070	09/02/2002	0.0	0.0	19.2	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00071	09/02/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00072	09/02/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00073	09/02/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00074	09/02/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00075	09/02/2002	0.0	0.0	19.4	80.6	0.0	-0.010	<<<	<<<	<<<	
HEW00076	09/02/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00077	09/02/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00078	09/02/2002	0.0	0.0	19.3	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00079	09/02/2002	0.0	0.0	19.3	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00080	09/02/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00061	09/02/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00069	09/09/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00070	09/09/2002	0.0	0.1	20.0	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00071	09/09/2002	0.0	0.3	19.8	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00072	09/09/2002	0.0	0.3	19.8	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00073	09/09/2002	0.0	0.3	19.7	80.0	0.0	-0.020	<<<	<<<	<<<	
HEW00074	09/09/2002	0.0	0.3	19.7	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00075	09/09/2002	0.0	0.3	19.7	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00076	09/09/2002	0.0	0.3	19.7	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00077	09/09/2002	0.0	0.3	19.6	80.1	0.0	-0.020	<<<	<<<	<<<	
HEW00078	09/09/2002	0.0	1.4	18.8	79.8	0.0	-0.020	<<<	<<<	<<<	
HEW00079	09/09/2002	0.0	0.0	19.7	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00080	09/09/2002	0.0	0.0	19.9	80.1	0.0	-0.010	<<<	<<<	<<<	
HEW00081	09/09/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00001	09/09/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00002	09/09/2002	0.0	2.0	18.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00003	09/09/2002	0.0	0.2	19.6	80.2	0.0	-0.010	<<<	<<<	<<<	
HEW00004	09/09/2002	0.0	0.1	19.7	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00005	09/09/2002	0.0	1.8	18.2	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00006	09/09/2002	0.0	0.4	19.4	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00007	09/09/2002	0.0	0.0	19.8	80.2	0.0	-0.010	<<<	<<<	<<<	
HEW00008	09/09/2002	0.0	0.0	19.9	80.1	0.0	-0.020	<<<	<<<	<<<	
HEW00009	09/09/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00010	09/09/2002	0.0	0.2	19.6	80.2	0.0	-0.020	<<<	<<<	<<<	
HEW00011	09/09/2002	0.0	0.3	18.9	80.8	0.0	-0.010	<<<	<<<	<<<	
HEW00012	09/09/2002	0.0	0.2	19.6	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00013	09/09/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00014	09/09/2002	0.0	0.0	19.9	80.1	0.0	-0.010	<<<	<<<	<<<	
HEW00015	09/09/2002	0.0	0.8	19.1	80.1	0.0	-0.020	<<<	<<<	<<<	
HEW00016	09/09/2002	0.0	0.2	19.7	80.1	0.0	-0.030	<<<	<<<	<<<	
HEW00017	09/09/2002	0.0	0.0	19.9	80.1	0.0	-0.020	<<<	<<<	<<<	
HEW00018	09/09/2002	0.0	0.0	19.9	80.1	0.0	-0.010	<<<	<<<	<<<	
HEW00019	09/09/2002	0.0	0.0	19.9	80.1	0.0	-0.010	<<<	<<<	<<<	
HEW00020	09/09/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00021	09/09/2002	0.0	0.0	20.0	80.0	0.0	-0.020	<<<	<<<	<<<	
HEW00022	09/09/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00023	09/09/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00024	09/09/2002	0.0	0.1	19.9	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00025	09/09/2002	0.0	0.2	19.8	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00026	09/09/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00027	09/09/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00028	09/09/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00029	09/09/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00030	09/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00031	09/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00032	09/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00033	09/09/2002	0.0	0.0	20.2	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00034	09/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00035	09/09/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00036	09/09/2002	0.0	0.1	20.0	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00037	09/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00038	09/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00039	09/09/2002	0.0	0.1	20.0	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00040	09/09/2002	0.0	0.2	19.9	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00041	09/09/2002	0.0	0.1	20.0	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00042	09/09/2002	0.0	0.5	19.5	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00043	09/09/2002	0.0	0.6	19.5	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00044	09/09/2002	0.0	0.3	19.6	80.1	0.0	-0.010	<<<	<<<	<<<	
HEW00045	09/09/2002	0.0	0.6	19.3	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00046	09/09/2002	0.0	0.0	20.0	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00047	09/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00048	09/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00049	09/09/2002	0.0	0.4	19.7	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00050	09/09/2002	0.0	0.3	19.9	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00051	09/09/2002	0.0	0.1	20.0	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00052	09/09/2002	0.0	0.4	19.7	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00053	09/09/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00054	09/09/2002	0.0	0.0	20.2	79.8	0.0	-0.010	<<<	<<<	<<<	
HEW00055	09/09/2002	0.0	0.0	20.3	79.7	0.0	-0.010	<<<	<<<	<<<	
HEW00056	09/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00057	09/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00058	09/09/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00059	09/09/2002	0.0	0.0	20.1	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00060	09/09/2002	0.0	0.0	20.1	79.9	0.0	-0.040	<<<	<<<	<<<	
HEW00061	09/09/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00062	09/09/2002	0.0	0.0	20.0	80.0	0.0	-0.010	<<<	<<<	<<<	
HEW00063	09/09/2002	0.0	0.1	20.0	79.9	0.0	-0.030	<<<	<<<	<<<	
HEW00064	09/09/2002	0.0	0.3	19.8	79.9	0.1	-0.060	<<<	<<<	<<<	
HEW00065	09/09/2002	0.0	0.0	20.1	79.9	0.0	-0.010	<<<	<<<	<<<	
HEW00066	09/09/2002	0.0	0.0	20.0	80.0	0.0	-0.020	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00067	09/09/2002	0.0	0.0	19.8	80.2	0.0	-0.030	<<<	<<<	<<<	
HEW00068	09/09/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW-FLAR	09/18/2002	20.3	22.1	4.8	52.8	-18.9	18.590	82.0	538.0	538.0	
HEW00069	09/18/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00070	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00071	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00072	09/18/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00073	09/18/2002	0.0	0.0	19.7	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00074	09/18/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00075	09/18/2002	0.1	0.3	19.6	80.0	0.0	-0.020	<<<	<<<	<<<	
HEW00076	09/18/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00077	09/18/2002	0.0	0.0	19.8	80.2	0.0	-0.020	<<<	<<<	<<<	
HEW00078	09/18/2002	0.0	2.5	16.4	81.1	0.0	-0.010	<<<	<<<	<<<	
HEW00079	09/18/2002	0.0	2.6	16.8	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00080	09/18/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00081	09/18/2002	0.0	0.0	19.7	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00001	09/18/2002	0.0	3.7	15.5	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00002	09/18/2002	0.0	2.3	17.1	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00003	09/18/2002	0.0	0.2	19.5	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00004	09/18/2002	0.0	0.0	19.8	80.2	0.0	-0.010	<<<	<<<	<<<	
HEW00005	09/18/2002	0.0	5.3	12.4	82.3	0.0	0.000	<<<	<<<	<<<	
HEW00006	09/18/2002	0.0	0.7	18.9	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00007	09/18/2002	0.0	0.3	19.4	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00008	09/18/2002	0.0	1.6	17.6	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00009	09/18/2002	0.0	0.7	19.2	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00010	09/18/2002	0.0	0.8	18.9	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00011	09/18/2002	0.0	0.4	18.5	81.1	0.0	0.000	<<<	<<<	<<<	
HEW00012	09/18/2002	0.0	0.8	18.8	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00013	09/18/2002	0.0	0.6	19.3	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00014	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00015	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00016	09/18/2002	0.0	0.6	19.2	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00017	09/18/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00018	09/18/2002	0.0	0.0	19.8	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00019	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00020	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00021	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00022	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00023	09/18/2002	0.0	0.3	19.6	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00024	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (inch H2O)	Diff Press (inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00025	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00026	09/18/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00027	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00028	09/18/2002	0.0	0.9	19.4	79.7	0.0	0.000	<<<	<<<	<<<	
HEW00029	09/18/2002	0.0	0.3	19.7	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00030	09/18/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00031	09/18/2002	0.0	0.0	20.2	79.8	0.0	0.000	<<<	<<<	<<<	
HEW00032	09/18/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00033	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00034	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00035	09/18/2002	0.0	0.7	19.1	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00036	09/18/2002	0.0	3.5	16.1	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00037	09/18/2002	0.0	0.9	19.2	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00038	09/18/2002	0.0	0.3	19.5	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00039	09/18/2002	0.0	0.1	19.7	80.2	0.0	0.000	<<<	<<<	<<<	
HEW00040	09/18/2002	0.0	0.1	19.9	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00041	09/18/2002	0.0	0.3	19.6	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00042	09/18/2002	0.0	0.9	19.1	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00043	09/18/2002	0.0	1.1	18.1	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00044	09/18/2002	0.0	1.5	17.6	80.9	0.0	-0.010	<<<	<<<	<<<	
HEW00045	09/18/2002	0.0	3.7	15.1	81.2	0.0	0.000	<<<	<<<	<<<	
HEW00046	09/18/2002	0.0	2.2	17.3	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00047	09/18/2002	0.0	2.9	16.8	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00048	09/18/2002	0.0	1.0	19.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00049	09/18/2002	0.0	1.0	18.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00050	09/18/2002	0.0	0.9	19.2	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00051	09/18/2002	0.0	0.7	19.2	80.1	0.0	0.010	<<<	<<<	<<<	
HEW00052	09/18/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00053	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00054	09/18/2002	0.0	1.6	17.9	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00055	09/18/2002	0.0	1.6	17.9	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00056	09/18/2002	0.0	1.0	18.3	80.7	0.0	0.010	<<<	<<<	<<<	
HEW00057	09/18/2002	0.0	0.7	19.4	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00058	09/18/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00059	09/18/2002	0.0	0.4	19.6	80.0	0.0	0.010	<<<	<<<	<<<	
HEW00060	09/18/2002	0.0	0.8	19.2	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00061	09/18/2002	0.0	0.4	19.6	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00062	09/18/2002	0.0	0.0	20.0	80.0	0.0	0.000	<<<	<<<	<<<	
HEW00063	09/18/2002	0.0	0.2	19.7	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00064	09/18/2002	0.0	0.4	19.8	79.8	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00065	09/18/2002	0.0	0.0	20.1	79.9	0.0	0.000	<<<	<<<	<<<	
HEW00066	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00067	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.010	<<<	<<<	<<<	
HEW00068	09/18/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW-FLAR	09/24/2002	18.7	22.0	4.5	54.8	-19.2	18.810	80.0	541.0	541.0	
HEW00065	09/24/2002	0.0	0.0	19.9	80.1	0.0	0.000	<<<	<<<	<<<	
HEW00066	09/24/2002	0.0	0.0	19.6	80.4	0.0	-0.020	<<<	<<<	<<<	
HEW00067	09/24/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00068	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00069	09/24/2002	0.0	0.1	19.4	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00070	09/24/2002	0.0	0.1	19.3	80.6	0.0	-0.010	<<<	<<<	<<<	
HEW00071	09/24/2002	0.0	0.1	19.2	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00072	09/24/2002	0.0	0.1	19.2	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00073	09/24/2002	0.0	0.1	19.2	80.7	0.0	-0.010	<<<	<<<	<<<	
HEW00074	09/24/2002	0.0	0.2	19.2	80.6	0.0	-0.010	<<<	<<<	<<<	
HEW00075	09/24/2002	0.0	0.2	19.2	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00076	09/24/2002	0.0	0.2	19.1	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00077	09/24/2002	0.0	0.2	19.1	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00078	09/24/2002	0.0	0.2	19.1	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00079	09/24/2002	0.0	0.2	19.1	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00080	09/24/2002	0.0	0.2	19.1	80.7	0.0	-0.010	<<<	<<<	<<<	
HEW00081	09/24/2002	0.0	0.2	19.1	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00001	09/24/2002	0.0	2.5	15.5	82.0	0.2	-0.140	<<<	<<<	<<<	
HEW00002	09/24/2002	0.0	2.1	17.1	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00003	09/24/2002	0.0	0.4	19.2	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00004	09/24/2002	0.0	0.1	19.5	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00005	09/24/2002	0.0	5.5	13.0	81.5	0.0	-0.030	<<<	<<<	<<<	
HEW00006	09/24/2002	0.0	0.7	18.9	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00007	09/24/2002	0.0	0.3	19.2	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00008	09/24/2002	0.0	0.2	19.5	80.3	0.0	-0.020	<<<	<<<	<<<	
HEW00009	09/24/2002	0.0	0.2	19.2	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00010	09/24/2002	0.0	0.1	19.2	80.7	0.0	-0.020	<<<	<<<	<<<	
HEW00011	09/24/2002	0.0	0.1	19.4	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00012	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	0.0	<<<	<<<	
HEW00013	09/24/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00014	09/24/2002	0.0	0.0	19.7	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00015	09/24/2002	0.0	0.0	19.7	80.3	0.0	-0.010	<<<	<<<	<<<	
HEW00016	09/24/2002	0.0	0.6	18.8	80.6	0.0	-0.010	<<<	<<<	<<<	
HEW00017	09/24/2002	0.0	0.3	19.2	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00018	09/24/2002	0.0	0.0	19.5	80.5	0.0	-0.010	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00019	09/24/2002	0.0	0.0	19.5	80.5	0.0	-0.010	<<<	<<<	<<<	
HEW00020	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00021	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00022	09/24/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00023	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.020	<<<	<<<	<<<	
HEW00024	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00025	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00026	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00027	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00028	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00029	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00030	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00031	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00032	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00033	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00034	09/24/2002	0.0	0.0	19.2	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00035	09/24/2002	0.0	0.0	19.3	80.7	0.0	0.000	<<<	<<<	<<<	
HEW00036	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00037	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00038	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00039	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00040	09/24/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00041	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.010	<<<	<<<	<<<	
HEW00042	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00043	09/24/2002	0.0	0.1	19.3	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00044	09/24/2002	0.0	0.5	18.7	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00045	09/24/2002	0.0	0.0	19.4	80.6	0.0	0.000	<<<	<<<	<<<	
HEW00046	09/24/2002	0.0	0.0	19.2	80.8	0.0	0.000	<<<	<<<	<<<	
HEW00047	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00048	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00049	09/24/2002	0.0	0.2	18.9	80.9	0.0	0.000	<<<	<<<	<<<	
HEW00050	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00051	09/24/2002	0.0	0.3	19.4	80.3	0.0	0.000	<<<	<<<	<<<	
HEW00052	09/24/2002	0.0	0.3	19.2	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00053	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00054	09/24/2002	0.0	0.7	18.9	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00055	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00056	09/24/2002	0.0	0.4	19.2	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00057	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00058	09/24/2002	0.0	0.4	19.2	80.4	0.0	0.000	<<<	<<<	<<<	

Hewitt Pit Probe Data - 09/01/2002 to 09/30/2002

Gem ID	Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal (% by vol)	Static Press (Inch H2O)	Diff Press (Inch H2O)	Temp	Ref Flow (scfm)	Adj Flow (scfm)	Comments
HEW00059	09/24/2002	0.0	0.0	19.5	80.5	0.0	0.000	<<<	<<<	<<<	
HEW00060	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00061	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.010	<<<	<<<	<<<	
HEW00062	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	
HEW00063	09/24/2002	0.0	0.0	19.6	80.4	0.0	-0.010	<<<	<<<	<<<	
HEW00064	09/24/2002	0.0	0.0	19.6	80.4	0.0	0.000	<<<	<<<	<<<	

Attachment 2

DATAFIELD PROBE IDENTIFICATION TABLE

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Hewitt Pit
Probe I.D. Cross Reference List

BY DATAFIELD	
Probe ID Datafield	Monitoring Probe ID's
HWPT0001	1
HWPT0002	1A
HWPT0003	2
HWPT0004	2A
HWPT0005	3B
HWPT0006	4
HWPT0007	4A
HWPT0008	5
HWPT0009	5A
HWPT0010	6B
HWPT0011	6C
HWPT0012	6D
HWPT0013	7
HWPT0014	7A
HWPT0015	8A
HWPT0016	9
HWPT0017	10
HWPT0018	10A
HWPT0019	11B
HWPT0020	12B
HWPT0021	13B
HWPT0022	13D
HWPT0023	13C
HWPT0024	1B'
HWPT0025	1C'
HWPT0026	13X
HWPT0027	14B
HWPT0028	14C
HWPT0029	2B'
HWPT0030	2C'
HWPT0031	15A
HWPT0032	3B'
HWPT0033	3C'
HWPT0034	4B'
HWPT0035	4C'
HWPT0036	16A
HWPT0037	5B'
HWPT0038	5C'
HWPT0039	16X
HWPT0040	17A
HWPT0041	6A'
HWPT0042	6C'

BY DATAFIELD	
Probe ID Datafield	Monitoring Probe ID's
HWPT0043	7B'
HWPT0044	7C'
HWPT0045	18B
HWPT0046	8B
HWPT0047	8C'
HWPT0048	19
HWPT0049	20
HWPT0050	20A
HWPT0051	22
HWPT0052	22A
HWPT0053	23
HWPT0054	24
HWPT0055	24A
HWPT0056	25
HWPT0057	25A
HWPT0058	26
HWPT0059	26A
HWPT0060	26B
HWPT0061	27
HWPT0062	27A
HWPT0063	28
HWPT0064	30A
HWPT0065	31
HWPT0066	31A
HWPT0067	32
HWPT0068	32A
HWPT0069	33
HWPT0070	34
HWPT0071	35
HWPT0072	36B
HWPT0073	37
HWPT0074	38
HWPT0075	39
HWPT0076	40
HWPT0077	41
HWPT0078	42
HWPT0079	43
HWPT0080	45
HWPT0081	46

Attachment 3

LABORATORY RESULTS FOR TOCs and TACs in MAIN GAS HEADER INLET

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AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277 • FAX (818) 223-8250
environmental consultants
laboratory services

October 7, 2002

LTR/459/02

Brian Millage
GC Environmental
1230 N. Jefferson, Ste. J
Anaheim, CA 92807

re: Hewitt Pit

Dear Brian:

Please find enclosed the laboratory analysis report, quality assurance summary, and the original chain of custody form for one Tedlar bag sample received September 24, 2002.

The Tedlar bag sample was analyzed for SCAQMD 1150.1 components, methane, and total gaseous non-methane organics (TGNMO) as requested on the chain of custody form.

Sincerely,

AtmAA, Inc.

Michael L. Porter
Laboratory Director

Encl.
MLP/bwf

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277 • FAX (818) 223-8250
environmental consultants
laboratory services

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Probe Tedlar Bag Sample

Report Date: October 4, 2002
Client: GC Environmental
Project Location: Hewitt Pit LF, North Hollywood
Client Project No.: 1003-1
Date Received: September 24, 2002
Date Analyzed: September 24-26, 2002

AtmAA Lab No.:	02672-12
Sample I.D.:	HWPT-FS
Components	(Concentration in %,v)
Nitrogen	51.6
Oxygen	6.04
Methane	19.0
Carbon dioxide	20.8
	(Concentration in ppmv)
TGNMO	705
Hydrogen sulfide	20.4
	(Concentration in ppbv)
Benzene	516
Benzylchloride	<10
Chlorobenzene	170
Dichlorobenzenes*	518
1,1-dichloroethane	3.8
1,2-dichloroethane	<3
1,1-dichloroethylene	<4
Dichloromethane	<4
1,2-dibromoethane	<3
Perchloroethene	38.8
Carbon tetrachloride	<4
Toluene	524
1,1,1-trichloroethane	<3
Trichloroethene	25.1
Chloroform	<3
Vinyl chloride	310
m+p-xylenes	1460
o-xylene	535

The accuracy of permanent gas analysis by TCD/GC is +/- 2%, actual results are reported.
The reported oxygen concentration includes any argon present in the sample. Calibration is based on a standard atmosphere containing 20.95% oxygen and 0.93% argon.
TGNMO is total gaseous non-methane organics measured and reported as ppm methane.
** total amount containing meta, para, and ortho isomers*

Michael L. Porter
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Client Project No.: 1003-1
Date Received: September 24, 2002
Date Analyzed: September 24-26, 2002

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% Diff. From Mean
		(Concentration in %,v)			
Nitrogen	HWPT-FS	51.0	52.2	51.6	1.2
Oxygen	HWPT-FS	5.78	6.30	6.04	4.3
Methane	HWPT-FS	19.1	18.9	19.0	0.53
Carbon dioxide	HWPT-FS	20.8	20.6	20.8	0.72
		(Concentration in ppmv)			
TGNMO	HWPT-FS	719	691	705	2.0
Hydrogen sulfide	HWPT-FS	21.2	19.5	20.4	4.2
		(Concentration in ppbv)			
Benzene	HWPT-FS	523	510	516	1.2
Benzylchloride	HWPT-FS	<10	<10	---	---
Chlorobenzene	HWPT-FS	170	170	170	0.0
Dichlorobenzenes	HWPT-FS	549	487	518	6.0
1,1-dichloroethane	HWPT-FS	4.24	3.35	3.80	12
1,2-dichloroethane	HWPT-FS	<3	<3	---	---
1,1-dichloroethylene	HWPT-FS	<4	<4	---	---
Dichloromethane	HWPT-FS	<4	<4	---	---
1,2-dibromoethane	HWPT-FS	<3	<3	---	---
Perchloroethene	HWPT-FS	41.4	36.2	38.8	6.7
Carbon tetrachloride	HWPT-FS	<4	<4	---	---
Toluene	HWPT-FS	528	521	524	0.67

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% Diff. From Mean
		(Concentration in ppbv)			
1,1,1-trichloroethane	HWPT-FS	<3	<3	---	---
Trichloroethene	HWPT-FS	27.2	23.0	25.1	8.4
Chloroform	HWPT-FS	<3	<3	---	---
Vinyl chloride	HWPT-FS	316	304	310	1.9
m+p-xylenes	HWPT-FS	1510	1420	1460	3.1
o-xylene	HWPT-FS	544	526	535	1.7

One Tedlar bag sample, laboratory number 02672-12, was analyzed for SCAQMD Rule 1150.1 components, permanent gases, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% Difference from Mean". Repeat analyses are an important part of AtmAA's quality assurance program. The average % Difference from Mean for 16 repeat measurements from the one Tedlar bag sample is 3.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name: GC Environmental / Hewitt Pit Landfill

Project Location: Hewitt Pit LF, N. Hollywood, CA

Project No.: 1003-1

Field Logbook No.:

Sampler: (Signature) B. Millage

Chain of Custody Tape No.:

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	RVMS	TGNMO	ISO.1 LIST				REMARKS
HWPT-FS	9/24/02		# 01 02672-12	1L Tedlar Bag	X	X	X				

	Date	Time		Date	Time
Relinquished by: (Signature) B. Millage	9/24/02	12:55 PM	Received by: (Signature) [illegible]	9-24-02	1255
Relinquished by: (Signature) [illegible]	9-24-02	1330	Received by: (Signature) [illegible]	9/24/02	1330
Relinquished by: (Signature)			Received for Laboratory: (Signature)		

Sample Disposal Method:

Disposed of by: (Signature)

Date: Time:

SAMPLE COLLECTOR
Brian Millage (GCE)
1230 N. Jefferson, Ste. J
Anaheim, CA 92807
Tel. (714) 632-9969
FAX. (714) 632-9968

ANALYTICAL LABORATORY
AtmAA, Inc
23917 Craftsman Rd.
Calabasas, CA 91302
Tel (818) 223-3277
FAX (818) 223-8250

1974-3-84

Attachment 4

ANNUAL SOURCE TEST REPORT

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HORIZON

AIR MEASUREMENT SERVICES, INC.

Horizon Test #: G21-004-FR
Date Tested: September 24, 2002
Report Date: October 15, 2002
Revision Number: 0

SCAQMD RULE 1150.1 EMISSIONS COMPLIANCE TEST ON A LANDFILL GAS FLARE

Facility ID No. 3530 Sector PB
Application No. 343861

Facility:

Hewitt Landfill
7245 Laurel Canyon Boulevard
North Hollywood, California 91605

Prepared for:

GC Environmental
1230 North Jefferson Street, Suite J
Anaheim, California 92807

Prepared by:

Horizon Air Measurement Services, Inc.
996 Lawrence Drive, Suite 108
Newbury Park, California 91320

Regulatory Agency:

South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765

Scott H. Bunch
Project Manager

Richard J. Vacherot
Technical Director

996 LAWRENCE DR., SUITE 108 NEWBURY PARK, CALIFORNIA 91320 • (805) 498-5731 • FAX: (805) 498-3173

HORIZON
AIR MEASUREMENT SERVICES, INC.

October 15, 2002

Mr. Brian Millage
GC Environmental
1230 North Jefferson Street, Suite J
Anaheim, California 92807

Dear Mr. Millage:

Please find enclosed three copies of the final report entitled "SCAQMD Rule 1150.1 Emissions Compliance Test on a Landfill Gas Flare".

If you have any questions, please call me at (805) 498-8781.

Sincerely,

HORIZON AIR MEASUREMENT SERVICES, INC.

Scott H. Bunch
Project Manager

SB:lmg

996 LAWRENCE DR., SUITE 108, NEWBURY PARK CALIFORNIA 91320 • (805) 498-8781 • FAX (805) 498-3173

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   - 2.2 Equipment Description . . . . . Page 2
   - 2.3 Operating Conditions . . . . . Page 2

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APPENDIX A - Methods Description
APPENDIX B - Computer Printout of Results
APPENDIX C - Field Data Sheets
APPENDIX D - Laboratory Data
APPENDIX E - Process Data

Table 1

Summary

SOURCE TESTED:	Hewitt Landfill
TEST LOCATION:	7245 Laurel Canyon Boulevard North Hollywood, California 91605
UNIT(S) TESTED:	Landfill Gas Flare
TEST OBJECTIVE(S):	SCAQMD Rule 1150.1 Compliance Determination
TEST DATE:	September 24, 2002
TEST PERFORMED BY:	Horizon Air Measurement Services, Inc.
TEST PERSONNEL:	Mr. Scott H. Bunch and Mr. William M. Jones
TEST METHODOLOGY:	SCAQMD Method 25.1 and 25.3 for Fixed Gases and Total Non-Methane Hydrocarbons; SCAQMD Method 10.1 for Oxygen
PLANT CONTACT:	Mr. Brian Millage (GC Environmental)
FACILITY ID NO.:	3530 Sector PB
APPLICATION NO.:	343861

1. INTRODUCTION

At the request of G.C. Environmental, Inc., Horizon Air Measurement Services, Inc. (Horizon) conducted a source test on a landfill gas flare (Facility No. 3530 Sector PB - Application No. 343861) at the Hewitt Landfill located in North Hollywood, California. The test was conducted on the inlet and outlet of the flare controlling emissions from a landfill gas collection system. The purpose of the test was to demonstrate compliance with SCAQMD 1150.1 Section (j) for demonstrating non-methane organic carbon (NMOC) control efficiency of the landfill gas control system/flare.

Mr. Scott H. Bunch and Mr. William M. Jones of Horizon conducted the source test on September 24, 2002. Mr. Brian Millage of GC Environmental coordinated the testing.

2. FLARE DESCRIPTION AND OPERATION

2.1 Process Description

Landfill gas, which contains 30% to 60% methane, is produced when buried refuse decomposes. The subject equipment collects and destroys the gas that is produced at the Hewitt Landfill. The gas collection system utilizes wells installed in refuse to collect the landfill gas (LFG). The depth of the wells varies with the depth of the waste. The destruction of the collected gas occurs in the ground flare.

2.2 Equipment Description

Following is a description of the subject landfill gas collection and flare system:

1. Flare, John Zink, Model ZTOF, 8'-0" Dia. X 24'-0" H., 20,000,000 Btu/hr, with an automatic shutoff valve on the landfill gas inlet, flame arrestor, UV scanner and two automatic temperature controlled air dampers.
2. Exhaust system with two 15 H.P. blowers collecting gas from the LFG collection wells.
3. Inlet separator for water and particulate removal, V101 1'-8" O.D. X 7'-6" H.
4. Condensate water pump, P101, pneumatic to transfer water from V101 to the 1,000 gallon holding tanks.
5. Condensate destruction station with an air compressor, two 1000 gallons capacity holding tanks, pneumatic pump and spray nozzle.

2.3 Operating Conditions

The following operating conditions are set by Permit conditions:

Maximum Gas Flow	1500 scf/minute
Stack Temperature	≥1400 °F
Condensate Flow Rate	≤2 gpm

The landfill gas flow rate, stack temperature and condensate flow rate were recorded on the facility strip chart recorder (Process Data/Appendix E).

3. SUMMARY OF RESULTS

The results of the total non-methane hydrocarbon testing at the flare inlet and outlet are provided in Table 3-1. The flare NMOC destruction efficiency was 98.6%, which is within the SCAQMD Rule 1150.1 limit of 98%. Flare NMOC exhaust concentration was 0.67 ppm C_6 @ 3% O_2, which is well within the SCAQMD Rule 1150.1 limit of 20 ppm C_6 @ 3% O_2.

Test Critique

No sampling or analytical problems were encountered during any part of the test.

Table 3-1
Destruction Efficiency
Results
Hewitt Landfill Flare
September 24, 2002

NMOC Destruction Efficiency

	INLET				OUTLET		
	Flow rate	498	dscfm		Flow rate	2882	scfm
Species	Conc. (ppm)	Conc. (mg/dscf)	Em. Rate (lb/hr)	Conc. (ppm)	Conc. (mg/dscf)	Em. Rate (lb/hr)	Dest. Eff. (%)
Total Non-Methane Organics	801	15.32	1.01	2.00	0.038	0.015	98.56

NMOC Outlet Concentration

$$\frac{2.00 \text{ ppm TGNMO as CH4}}{6} \times \frac{20.9\% \text{ O2} - 3\% \text{ O2}}{20.9\% \text{ O2} - 12.0\% \text{ O2}} = \underline{0.67 \text{ ppm}} \text{ NMOC as Hexane @ 3\%O2}$$

4. SAMPLING AND ANALYTICAL PROCEDURES

4.1 Sample Locations

4.1.1 Flare Exhaust

At the flare exhaust, a single sample point located at the stack center was utilized for the determination of the following parameters:

- methane/total non methane hydrocarbons
- O_2/CO_2

4.1.2 Landfill Gas Supply Line

Flow rate was determined using the existing landfill gas flow meter. A single sample port was utilized for the collection of the following compounds:

- methane/total non-methane hydrocarbons
- O_2/CO_2

4.2 Moisture

Moisture content of the landfill gas supply line was determined using a wet bulb/dry bulb thermometer (sling psycrometer).

4.3 Flow Rate

4.3.1 Inlet

Landfill gas flow rate was recorded from the facility in-line flow monitor.

4.3.2 Outlet

The exhaust flow rate was calculated stoichiometrically (EPA Method 19) based upon the landfill gas flow rate, landfill gas composition and stack dilution.

4.4 Fixed Gases (O_2/CO_2)

4.4.1 Inlet

Oxygen at the landfill gas supply line was determined using SCAQMD Method 10.1 analysis on SCAQMD Method 25.1 samples. Carbon dioxide was determined using SCAQMD Method 25.1 Total Combustion Analysis (TCA). Two, duplicate samples were analyzed. Descriptions of SCAQMD Method 10.1 and SCAQMD Method 25.1 are provided in Appendix A.

4.4.2 Exhaust

Oxygen and carbon dioxide at the exhaust location were determined using SCAQMD 10.1 analyses in SCAQMD Method 25.3 samples. Two, duplicate samples were analyzed. A description of SCAQMD Method 10.1 is provided in Appendix A.

4.5 Total Non-Methane Hydrocarbons

4.5.1 Inlet

Methane and total non-methane hydrocarbons at the landfill gas supply line were determined using SCAQMD Method 25.1. Two, duplicate samples were analyzed. A description of SCAQMD Method 25.1 is provided in Appendix A.

4.5.2 Exhaust

Methane and total non-methane hydrocarbons at the exhaust were determined using SCAQMD Method 25.3. Two, duplicate samples were analyzed. A description of SCAQMD Method 25.3 is provided in Appendix A.

APPENDIX A - Methods Description

Method:	**Carbon Monoxide and Carbon Dioxide by Gas Chromatograph/Non-Dispersive Infrared Detector (GC/NDIR) - Oxygen by Gas Chromatography-Thermal Conductivity (GC/TCD)**
Reference:	SCAQMD Method 10.1 (From Evacuated Canisters)
Principle:	An evacuated canister is filled with sample gas according to SCAQMD Method 25.1 or 25.3. The canister contents are analyzed by total combustion analyses/flame ionization detection for carbon monoxide and carbon dioxide. Oxygen is measured by a gas chromatograph using a thermal conductivity detector.
Sampling Procedure:	Refer to SAQMD Method 25.1 or 25.3.
Analytical Procedure:	Carbon monoxide and carbon dioxide - gas chromatography/non dispersive infrared detector (GC/NDIR). Oxygen - gas chromatography/thermal conductivity detector (GC/TCD).

Method:	**Determination of Total Gaseous Non-Methane Organic Emissions as Carbon**
Reference:	SCAQMD Method 25.1
Principle:	A sample of flue gas is drawn through a condensate trap and into an evacuated 12 liter tank. Volatile organic compounds (VOC), as total gaseous non-methane organics (TGNMO), are determined by combining results from independent analysis of condensate in the traps and gases in the tanks.
Sampling Procedure:	Duplicate gas samples are withdrawn from a source at a constant rate through condensate traps immersed in dry ice followed by evacuated 12 liter (nominal) tanks. Heavy organic components condense as liquids and solids in the condensate traps. Lighter components pass as gases through the traps into the tanks. The combined results from tanks and trap analyses are used to determine a qualitative and quantitative expression of the effluent gas stream. Duplicate sampling is designed into the system to demonstrate precision. The sampling apparatus is checked for leaks prior to the sampling program by attaching the probe end to an absolute pressure gauge and vacuum pump in series. The sample lines were evacuated to less than 10 mm Hg and the gauge shutoff valve is then closed. The sample lines are deemed to be leak-free if no loss of vacuum occurs as indicated by the vacuum gauge. During sampling the tank pressures are monitored with a 0-30 inch vacuum gauge to ensure integrated sampling. The final vacuum of each sample is measured using a slack tube manometer. The sample is then pressurized to 800 mm Hg absolute with ultrapure nitrogen. Each sample is then analyzed using the SCAQMD TCA procedure for total non methane hydrocarbons.
Analytical Procedure:	Condensate traps are analyzed by first stripping carbon dioxide (CO_2) from the trap. The organic contents are then removed and oxidized to CO_2. This CO_2 is quantitatively collected in an evacuated vessel and measured by injection into a flame ionization detection/total combustion analysis (FID/TCA) system. The organic content of the sample fraction collected in each tank is measured by injecting a portion into the FID/TCA analysis system which uses a two phase gas chromatography (GC) column to separate carbon monoxide (CO), methane (CH_4) and carbon dioxide (CO_2) from each other and from the total gaseous non-methane organics (TGNMO) which are eluted as backflush. All eluted components are first oxidized to CO_2 by a hopcalite catalyst and then reduced to methane by a nickel catalyst. The resulting methane is detected using the flame ionization detector. A gas standard containing CO, CH_4, CO_2 and propane, traceable to NBS, is used to calibrated the FID/TCA analysis system.

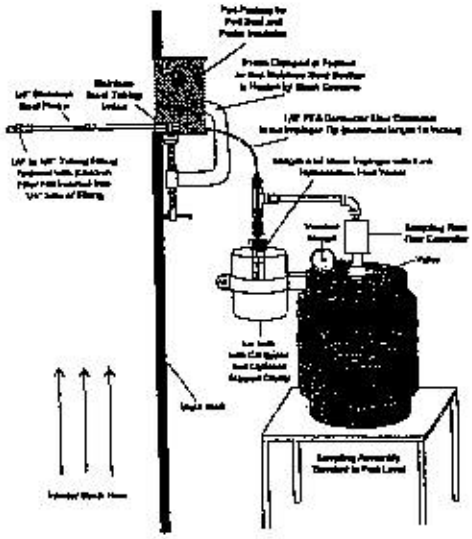
Method: **Determination of Total Gaseous Non-Methane Organic Emissions as Carbon**

Reference: SCAQMD Method 25.3

Principle: A sample of flue gas is drawn through a condensate trap (mini-impinger) and into an evacuated six liter SUMMA canister. Volatile organic compounds (VOC), as total gaseous non-methane organics (TGNMO), are determined by combining results from independent analysis of condensate in the traps and gases in the SUMMA canisters.

Sampling Procedure: Duplicate gas samples are withdrawn from a source at a constant rate through condensate traps immersed in an ice bath followed by evacuated six liter (nominal) SUMMA canisters. Heavy organic components condense as liquids and solids in the condensate traps. Lighter components pass as gases through the traps into the canisters. The combined results from canisters and mini-impinger analyses are used to determine a qualitative and quantitative expression of the effluent gas stream. Duplicate sampling is designed into the system to demonstrate precision.

The sampling apparatus is checked for leaks prior to the sampling program by capping the end of the sample probe. The sample flow valve is then opened and then closed to introduce vacuum to the system. The vacuum drop should then cease numerically above 10 in. Hg. A cease in movement of the vacuum gauge for a period of ten minutes indicates an acceptable leak check. When sampling is initiated, the vacuum gauge must indicate a canister vacuum of greater than 28 in. Hg. Immediately after sampling a post-test leak check is performed, followed by a rinse of the PFA line into the condensate trap with 0.5 to 1.0 ml of hydrocarbon free water.



Analytical Procedure: Condensate traps are analyzed for total organic carbon by liquid injection into an infrared total organic carbon analyzer.

The organic content of the sample fraction collected in each canister is measured by injecting a portion into the FID/TCA analysis system which uses a two phase gas chromatography (GC) column to separate carbon monoxide (CO), methane (CH_4) and carbon dioxide (CO_2) from each other and from the total gaseous non-methane organics (TGNMO) which are eluted as backflush. All eluted components are first oxidized to CO_2 by a hopcalite catalyst and then reduced to methane by a nickel catalyst. The resulting methane is detected using the flame ionization detector. A gas standard containing CO, CH_4, CO_2 and propane, traceable to NBS, is used to calibrated the FID/TCA analysis system.

APPENDIX B - Computer Printout of Results

SCAQMD Method 25.1 Analysis

Facility: Hewitt Landfill
Source: Flare
Job No.: G21-004
Date: 9/24/02

TOTAL COMBUSTION ANALYSIS RESULTS

Run Number	1A	1B	Average
Designation	Inlet	Inlet	
Methane in Tank	194000	194000	194000
TNMHC,Tank (Noncond.)	263	230	
TNMHC - Condensables	546.0	562.8	
TNMHC - Total	809.0	792.8	
CO Concentration (ppm)	11.1	10.7	10.9
CO2 Concentration (ppm)	218000	219000	218500
O2 Concentration (%)	5.94	6.12	6.03
Sample Parameters			
Tank Number	A	D	
Trap Number	E	R	
Sample Tank Volume (l)	12.202	12.051	
Initial Pressure (Torr)	3.8	3.8	
Initial Temperature (deg. K)	292	292	
Final Pressure (mm Hg)	372	411	
Final Temperature (deg. K)	292	292	
Sample Volume (l)	5.93	6.48	
Analysis Pressure (mm Hg)	812	801	
Analysis Temperature (deg. K)	292	292	
ICV Volume (l)	2.266	2.266	
ICV Final Pressure (mm Hg)	800	800	
ICV Final Temperature (deg. K	292	292	
CO2 in ICV (ppm)	1430	1610	
TNMHC,Trap (Condensables)	546.0	562.8	
Stack Total TNMHC	809	793	801

NOTE: All hydrocarbon values are in terms of ppm, v/v, as methane.

EXPANSION AND F-FACTOR CALC. METHOD

Client:	G.C. Environ. - Hewitt Landfill	Date:	9/24/2002
Location:	North Hollywood, CA	Job #:	G21-004
Unit:	Flare	Run#:	1

Fuel temperature		deg. F	Std. Temp.	60	deg. F
Fuel Pressure		psi			
Fuel Flow Rate		cfm	Fuel Flow	498	dscfm
Exhaust Outlet O2	12.00	%			
Barometric Pressure	28.67				

COMPONENTS		MOLE %	HHV btu/ft3	LHV btu/ft3	Exp Factor dscf/scf fuel
Oxygen		6.03			0.060
Nitrogen		52.72			0.527
Carbon Dioxide		21.85			0.219
Methane		19.40	195.94	176.42	1.663
Ethane	C2		0.00	0.00	0.000
Propane	C3		0.00	0.00	0.000
Iso-Butane	C4		0.00	0.00	0.000
N-Butane			0.00	0.00	0.000
Iso-Pentane	C5		0.00	0.00	0.000
N-Pentane			0.00	0.00	0.000
Hexane	C6		0.00	0.00	0.000
Heptane	C7		0.00	0.00	0.000
Octane	C8		0.00	0.00	0.000
Nonane	C9		0.00	0.00	
Total		100.00	195.94	176.42	2.47

CALCULATIONS

EXHAUST FLOW RATE, Q = (scfm*Exp Fac)*(20.92/20.92-%O2)

2882 DSCFM

EPA F-Factor = (scf exhaust/scf fuel)/(btu/scf fuel)*(1000000 btu/MMbtu)

12599 dscf/Mmbtu

Total Non Methane Hydrocarbons
Destruction Efficiency Results
Hewitt Landfill
September 24, 2002

	Inlet			Outlet			
	Flow rate	498	dscfm	Flow rate	2882	dscfm	Destruction Efficiency
Species	Concentration (ppm)	Emission Rate (lb/hr)		Concentration (ppm)	Emission Rate (lb/hr)		(%)
TNMHC	801	1.009		2.00	0.0146		98.56

APPENDIX C - Field Data Sheets

TOTAL COMBUSTION ANALYSIS
SCAQMD METHOD 25 - 1
FIELD SAMPLING DATA SHEET

Job #: G21-004
Facility: Hewitt Landfill
Location: North Hollywood, CA
Date: 9/24/02
Operator: SB

Control Device: Flare
Sample Location: Inlet
Ambient Temp.: 75°F
Baro. Pressure: 28.67

SAMPLE A

Tank #: A **Trap #:** E
Initial Vacuum: 3.8 torr
Final Vacuum:

Start 1135 Stop 1235

TIME (min.)	VACUUM ("Hg)	FLOW (cc/min)
00	28	160
05	27	
10	26	
15	24.5	
20	23	
25	22	
30	21	
35	20	
40	19	
45	17.5	
50	16	
55	15	
60	14	

SAMPLE B

Tank #: D **Trap #:** R
Initial Vacuum: 3.8 torr
Final Vacuum:

TIME (min.)	VACUUM ("Hg)	FLOW (cc/min)
00	28.5	160
05	27	
10	26	
15	24.5	
20	23	
25	22	
30	20.5	
35	19	
40	18	
45	16.5	
50	15	
55	14	
60	12.5	

LEAK RATE

Pre Test: Y/N
Post Test: Y/N

TOTAL COMBUSTION ANALYSIS
SCAQMD METHOD 25 . 3
FIELD SAMPLING DATA SHEET

Job #: G21-004

Facility: Hewitt Pit Landfill

Location: North Hollywood, CA

Date: 9-24-02

Operator: Bill

Control Device: FLARE

Sample Location: outlet

Ambient Temp.: ~95°F

Baro. Pressure: 28.67

SAMPLE A

Tank #: 514 Trap #: H36

Initial Vacuum: 3.3 Torr

Final Vacuum:

TIME (min.)	VACUUM ("Hg)	FLOW (cc/min)
00	30	Set
05	28	
10	26	
15	24	
20	22	
25	20	
30	18	
35	16	
40	14	
45	12	
50	10	
55	8	
60	6	↓

519 SAMPLE B

Tank #: 518 Trap #: H37

Initial Vacuum: 3.3 Torr

Final Vacuum:

TIME (min.)	VACUUM ("Hg)	FLOW (cc/min)
00	29	Set
05	27	
10	25	
15	23	
20	21	
25	19	
30	17	
35	15	
40	13	
45	11	
50	9	
55	7	
60	5	↓

LEAK RATE

Pre Test: ✓/✓

Post Test: ✓/✓

APPENDIX D - Laboratory Data

AtmAA inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277 • FAX (818) 223-8250
environmental consultants
laboratory services

LABORATORY ANALYSIS REPORT

CO, CH_4, CO_2, TGNMO, and Ethane Analysis in Tanks
and Traps by SCAQMD Method 25 (FID/TCA)

Report Date: October 5, 2002
Client: Horizon / GCE
P.O. No.: Verbal
Client Project No.: G21-004
Source Location: North Hollywood
Source ID: Inlet

Date Received: September 24, & 26, 2002
Date Analyzed: September 25, & 27, 2002

AtmAA Lab No.	Sample ID Tank	Sample ID Trap	Sample ID ICV	tank CO	tank CH_4	tank CO_2	tank Ethane	tank TGNMO	trap CO_2 in ICV	tank Oxygen (%v)	P_1	P_2
				(Concentrations in ppmv)								
02672-13	A	E	12	11.1	194000	218000	<10	263	1430	5.94	372	812
02672-14	D	R	1	10.7	194000	219000	<10	230	1610	6.12	411	801

trap burn system blank	0	6.11

TGNMO is total gaseous non-methane organics (excluding ethane) reported as ppm methane.
Ethane is reported as ppmv methane.

P_1 - Initial Pressure, mm Hg
P_2 - Final Pressure, mm Hg

Michael L. Porter
Laboratory Director

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

Client Project No.: G21-004
Date Received: September 24, & 26, 2002
Date Analyzed: September 25, & 27, 2002

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% Diff. From Mean
		(Concentration in ppmv)			
CO	TK A	10.7	11.4	11.1	3.1
CH_4	TK A	194000	195000	194000	0.26
CO_2	TK A	218000	219000	218000	0.23
TGNMO	TK A	258	269	263	2.0
CO_2 in ICV (in trap, transfer tanks)	ICV X	1430	1430	1430	0.00
		(Concentration in %v)			
Oxygen	TK A	5.96	5.91	5.94	0.42

A set of 2 TCA samples, laboratory numbers 02672-(13 & 14), was analyzed for CO, CH_4, CO_2, total gaseous non-methane organics (TGNMO), and ethane. Agreement between repeat analyses is a measure of precision and is shown above in the column "% Difference from Mean". Repeat analyses are an important part of AtmAA's quality assurance program. The average % Difference from Mean for 6 repeat measurements from the sample set of 2 TCA samples is 0.99%.

Gas standards (containing CO, CH_4, CO_2 and propane) used for TCA analyses, were prepared and certified by Praxair.

AtmAA Inc.
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environmental consultants
laboratory services

LABORATORY ANALYSIS REPORT

Organic Carbon Analysis in Water Impingers, and Methane and TGNMO Analysis in SUMMA Canister Samples from Impinger/Canister Train Sample Collection

Report Date: October 8, 2002
Client: Horizon / GC Environmental
P.O. No.: Verbal
Client Project No.: G21-004
Source Location : North Hollywood, CA

Date Received: September 24, 2002
Date Analyzed: September 23, 24, & 30, 2002

ANALYSIS DESCRIPTION

Methane & TGNMO were measured by flame ionization detection/total combustion analysis (FID/TCA), Method 25. Organic carbon in water impinger samples were measured by Dohrman total organic carbon analyzer, water FID/TCA.

AtmAA Lab No.	Sample ID	Canister Oxygen	Canister Carbon Dioxide	Canister Methane	Canister TGNMO	Impinger Organic Carbon as Methane	Impinger Volume	P_1	P_2
		(%)	(%)	(Concentration in ppm)			(ml)		
02672-15	SUMMA 14	11.8	7.76	1.15	2.29	---	---	607	798
	Impinger H36	---	---	---	---	0.16	2.83	---	---
02672-16	SUMMA 19	12.2	7.44	<1	1.36	---	---	584	801
	Impinger H37	---	---	---	---	0.19	2.82	---	---

TGNMO is total gaseous non-methane organics (excluding ethane), reported as ppm methane.
** Note - Impinger sample results are not blank corrected. The field blank (impinger H3) contained 0.54 ug carbon as methane, corresponding to 0.17 ppm methane for a 4.86 liter sample.*
P_1 and P_2 are initial and final pressures measured in mm Hg.

Michael L. Porter
Laboratory Director

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

Project No.: G21-004
Date Received: September 24, 2002
Date Analyzed: September 23, 24, & 30, 2002

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% Diff. From Mean
		(Concentration in ppmv)			
Methane	SUMMA 14	1.07	1.22	1.15	6.6
	SUMMA 19	<1	<1	---	---
TGNMO	SUMMA 14	2.31	2.26	2.29	1.1
	SUMMA 19	1.50	1.22	1.36	10
		(Concentration in %)			
Oxygen	SUMMA 14	11.7	11.8	11.8	0.43
		(Concentration in ppmv)			
Impinger TOC	Impinger 95H	0.15	0.16	0.16	3.2
	Impinger 96H	0.20	0.19	0.19	1.4

A set of 2 SUMMA canister and impinger samples, laboratory numbers 02672-(15 & 16), was analyzed for methane, total gaseous non-methane organics (TGNMO), and TOC. Agreement between repeat analysis is a measure of precision and is shown in the column "% Difference from Mean". Repeat analyses are an important part of AtmAA's quality assurance program. The average % Difference from Mean for 6 repeat measurements from the sample set of 2 SUMMA canister/impinger samples is 3.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
G.C. Environmental	North Hollywood, CA

Project No.	Field Logbook No.
G21-004	

Sampler: (Signature)	Chain of Custody Tape No.
[signature]	

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample		Tvnp / Imp #	TCA complete	SCAQMD M25.3	O2/CO2			REMARKS
Tank# A	9/24/02		02672-13	12L Tank	E	X		X				Flow Inlet
" D	↓		14	↓	R	X		X				↓
Summa 514			15	6L Summa	H30		X	X				Flow Outlet
" 519	↓		16	↓	H37		X	X				~~Blank~~ ↓
					H3							Blank

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/24/02	1335	[signature]	9/24/02	1335
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

SAMPLE COLLECTOR

HORIZON AIR MEASUREMENT SERVICES, INC
996 Lawrence Drive, Suite 108
Newbury Park, CA 91320
(805) 498-8781 Fax (805) 498-3173

ANALYTICAL LABORATORY

Atm AA
Calabasas, CA

№ 7548

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
G.C. ENVIRONMENTAL HEWITT L.F.	NORTH HOLLYWOOD, CA
Project No. G21.004	Field Logbook No.
Sampler: (Signature)	Chain of Custody Tape No.

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	CO_2		Trap		Tank		REMARKS
KV# 0	09-25-02			M25.1	✓		—		—		System Blank
12	↓				✓		E		A		
1					✓		R		D		

	Date	Time		Date	Time
Relinquished by: (Signature)	9/26/02	AM 10:17	Received by: (Signature)	9/26/02	AM 10:17
Relinquished by: (Signature)	9/26/02	1204	Received by: (Signature)	9/26/02	1204
Relinquished by: (Signature)			Received for Laboratory: (Signature)		

Sample Disposal Method:	Disposed of by: (Signature)	Date / Time

SAMPLE COLLECTOR

HORIZON AIR MEASUREMENT SERVICES, INC
996 Lawrence Drive, Suite 108
Newbury Park, CA 91320
(805) 498-8781 Fax (805) 498-3173

ANALYTICAL LABORATORY

ATM. A.A.
Calabasas, CA

№ 7634

APPENDIX E - Process Data

Client: GC Environmental	Date: 9/24/02
Facility: Hewitt Landfill	Job #: G21-004
ocation: North Hollywood, CA	Operator: SB
Unit: Flare	Fuel: LFG

Wetbulb 112
Dry bulb 120

Flare ~~BOILER~~ OPERATING DATA

Operating Parameter			Flue Gas Recirculation		Fuel Data				See Blint 1550
Time	Load (%)	Control Value Set Point	Control Set Point	% FGR	Total Cubic Feet	SCFM Cubic Feet	PSI at Meter	PSI at Manifold	Temp (°F)
1140						528			1542
1150						539			1557
1200						546			1542
1210						551			1509
1220						554			1601
1230						554			1595
					Ave	545.3			1557.7
			8.7% H_2O		(1-0.)	x545.3 = 497.8		dscfm	