HERITAGE
THERMAL SERVICES

HERITAGE THERMAL SERVICES
1250 St. George Street
East Liverpool, Ohio 43920-3400
Phone: 330-385-7337
Fax: 330-385-7813
www.heritage-thermal.com

OHSAS 18001: 2007
ISO 14001: 2004
ISO 9001: 2008

Mr. Erik Bewley
OEPA-DAPC-NEDO
2110 E. Aurora Road
Twinsburg, OH 44087

January 31, 2014
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
4TH QUARTER 2013
EXCESS EMISSIONS REPORT

Dear Mr. Bewley:

Enclosed are the quarterly reports for excess emissions of opacity, sulfur dioxide, oxides of nitrogen, and total hydrocarbons as required by Heritage Thermal Services' Title V Permit # P0084372. Additional information regarding incinerator operation, kiln and secondary combustion temperature, and carbon monoxide emissions are also included. This report covers the period **October 1 through December 31, 2013**.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are certain penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

If you have any questions feel free to contact me at 330-385-7337.

Sincerely,

Stewart Fletcher
General Manager
Heritage Thermal Services

Recycled Paper

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
10/01/2013 00:00	10/02/2013 10:33	2074	On Hazardous Waste
10/02/2013 10:34	10/02/2013 10:41	8	Retention
10/02/2013 10:42	10/04/2013 15:36	3175	On Hazardous Waste
10/04/2013 15:37	10/04/2013 16:34	58	Retention
10/04/2013 16:35	10/06/2013 15:31	2817	On Hazardous Waste
10/06/2013 15:32	10/06/2013 16:14	43	Retention
10/06/2013 16:15	10/08/2013 12:04	2630	On Hazardous Waste
10/08/2013 12:05	10/08/2013 13:54	110	Retention
10/08/2013 13:55	10/09/2013 01:41	707	On Hazardous Waste
10/09/2013 01:42	10/09/2013 02:31	50	Retention
10/09/2013 02:32	10/09/2013 03:10	39	On Hazardous Waste
10/09/2013 03:11	10/09/2013 03:27	17	Retention
10/09/2013 03:28	10/13/2013 19:41	6734	On Hazardous Waste
10/13/2013 19:42	10/13/2013 20:06	25	Retention
10/13/2013 20:07	10/14/2013 20:29	1463	On Hazardous Waste
10/14/2013 20:30	10/14/2013 21:29	60	Retention
10/14/2013 21:30	10/17/2013 12:03	3754	On Hazardous Waste
10/17/2013 12:04	10/17/2013 12:06	3	Retention
10/17/2013 12:07	10/24/2013 07:07	9781	On Hazardous Waste
10/24/2013 07:08	10/24/2013 08:06	59	Retention
10/24/2013 08:07	10/24/2013 08:15	9	On Hazardous Waste
10/24/2013 08:16	10/24/2013 08:21	6	Retention
10/24/2013 08:22	10/24/2013 09:24	63	On Hazardous Waste
10/24/2013 09:25	10/24/2013 10:23	59	Retention
10/24/2013 10:24	10/24/2013 20:18	595	On Hazardous Waste
10/24/2013 20:19	10/24/2013 21:13	55	Retention
10/24/2013 21:14	10/26/2013 06:20	1987	On Hazardous Waste
10/26/2013 06:21	10/26/2013 07:07	47	Retention
10/26/2013 07:08	10/31/2013 13:12	7565	On Hazardous Waste
10/31/2013 13:13	10/31/2013 14:09	57	Retention
10/31/2013 14:10	11/01/2013 01:27	678	On Hazardous Waste
11/01/2013 01:28	11/01/2013 02:34	67	Retention
11/01/2013 02:35	11/09/2013 11:06	12032	On Hazardous Waste
11/09/2013 11:07	11/09/2013 11:18	12	Retention
11/09/2013 11:19	11/09/2013 18:14	416	On Hazardous Waste
11/09/2013 18:15	11/09/2013 19:04	50	Retention
11/09/2013 19:05	11/09/2013 21:20	136	On Hazardous Waste
11/09/2013 21:21	11/09/2013 21:48	28	Retention
11/09/2013 21:49	11/11/2013 09:59	2171	On Hazardous Waste
11/11/2013 10:00	11/11/2013 10:47	48	Retention
11/11/2013 10:48	11/11/2013 20:17	570	On Hazardous Waste
11/11/2013 20:18	11/11/2013 21:18	61	Retention
11/11/2013 21:19	11/11/2013 21:28	10	On Hazardous Waste
11/11/2013 21:29	11/11/2013 22:24	56	Retention
11/11/2013 22:25	11/15/2013 22:57	5793	On Hazardous Waste
11/15/2013 22:58	11/15/2013 23:55	58	Retention
11/15/2013 23:56	11/22/2013 04:45	8930	On Hazardous Waste
11/22/2013 04:46	11/22/2013 05:46	61	Retention
11/22/2013 05:47	11/26/2013 13:04	6198	On Hazardous Waste
11/26/2013 13:05	11/26/2013 14:04	60	Retention
11/26/2013 14:05	12/01/2013 07:36	6812	On Hazardous Waste
12/01/2013 07:37	12/02/2013 15:45	1929	Offline
12/02/2013 15:46	12/03/2013 00:49	544	On Virgin Fuels
12/03/2013 00:50	12/03/2013 01:24	35	On Hazardous Waste
12/03/2013 01:25	12/03/2013 05:13	229	Retention
12/03/2013 05:14	12/03/2013 19:10	837	On Hazardous Waste
12/03/2013 19:11	12/03/2013 19:14	4	Retention
12/03/2013 19:15	12/04/2013 14:18	1144	On Hazardous Waste
12/04/2013 14:19	12/04/2013 15:22	64	Retention
12/04/2013 15:23	12/04/2013 16:10	48	On Hazardous Waste
12/04/2013 16:11	12/04/2013 17:05	55	Retention
12/04/2013 17:06	12/04/2013 19:43	158	On Hazardous Waste

Heritage Thermal Services
4th Quarter 2013

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
12/04/2013 19:44	12/04/2013 19:48	5	Retention
12/04/2013 19:49	12/06/2013 12:54	2466	On Hazardous Waste
12/06/2013 12:55	12/06/2013 13:49	55	Retention
12/06/2013 13:50	12/14/2013 09:08	11239	On Hazardous Waste
12/14/2013 09:09	12/14/2013 10:07	59	Retention
12/14/2013 10:08	12/19/2013 10:23	7216	On Hazardous Waste
12/19/2013 10:24	12/19/2013 10:32	9	Retention
12/19/2013 10:33	12/19/2013 11:10	38	On Hazardous Waste
12/19/2013 11:11	12/19/2013 11:20	10	Retention
12/19/2013 11:21	12/22/2013 20:31	4871	On Hazardous Waste
12/22/2013 20:32	12/22/2013 20:55	24	Retention
12/22/2013 20:56	12/25/2013 01:19	3144	On Hazardous Waste
12/25/2013 01:20	12/25/2013 01:31	12	Retention
12/25/2013 01:32	12/30/2013 18:59	8248	On Hazardous Waste
12/30/2013 19:00	12/30/2013 19:43	44	Retention
12/30/2013 19:44	12/31/2013 23:59	1696	On Hazardous Waste
		128279	On Hazardous Waste
		1728	Retention
		544	On Virgin Fuels
		1929	Offline
		0	Missing
		132480	Total
		132480	Minutes in Quarter

Temperature is Report on a One Hour Average

Kiln Temperature Summary
< 1718

Kiln Temperature must be > 1718 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
		0	Total Minutes	
** No events				

Temperature is Report on a One Hour Average

Kiln Temperature < 1718

Kiln Temperature must be > 1718 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
			** No events				
		0	Total Minutes in Exceedance				
		0	Number of Events				

Temperature is Report on a One Hour Average

SCC Temperature Summary
< 1747

SCC Temperature must be sufficient while there is Hazardous Waste being fed or there is Waste Retention in the kiln

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
10/24/2013 08:16	1745.0	4	Operator Error Poor Operation	Regained temp. Restarted unit.
11/01/2013 01:43	1720.8	28	Malfunction Prior AWFCO	Regained lances and temp. Restarted unit.
12/25/2013 01:20	1743.9	7	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		39	Total Minutes	

Temperature is Report on a One Hour Average

SCC Temperature < 1747

SCC Temperature must be > 1747 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	10/24/2013 08:16	1746.31	Operator Error Poor Operation	Regained temp. Restarted unit.	Retention	Yes	Yes
2	10/24/2013 08:17	1745.41	Operator Error Poor Operation	Regained temp. Restarted unit.	Retention	Yes	Yes
3	10/24/2013 08:18	1745.03	Operator Error Poor Operation	Regained temp. Restarted unit.	Retention	Yes	Yes
4	10/24/2013 08:19	1745.63	Operator Error Poor Operation	Regained temp. Restarted unit.	Retention	Yes	Yes
5	11/01/2013 01:43	1743.94	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
6	11/01/2013 01:44	1741.13	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
7	11/01/2013 01:45	1739.38	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
8	11/01/2013 01:46	1737.75	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
9	11/01/2013 01:47	1735.34	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
10	11/01/2013 01:48	1732.22	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
11	11/01/2013 01:49	1728.91	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
12	11/01/2013 01:50	1725.91	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
13	11/01/2013 01:51	1723.88	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
14	11/01/2013 01:52	1722.59	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
15	11/01/2013 01:53	1721.66	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
16	11/01/2013 01:54	1721.06	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
17	11/01/2013 01:55	1720.75	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
18	11/01/2013 01:56	1720.91	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
19	11/01/2013 01:57	1721.25	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
20	11/01/2013 01:58	1721.84	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
21	11/01/2013 01:59	1722.59	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
22	11/01/2013 02:00	1723.53	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
23	11/01/2013 02:01	1724.72	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
24	11/01/2013 02:02	1725.94	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
25	11/01/2013 02:03	1727.25	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
26	11/01/2013 02:04	1728.81	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
27	11/01/2013 02:05	1730.72	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
28	11/01/2013 02:06	1732.94	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
29	11/01/2013 02:07	1735.53	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
30	11/01/2013 02:08	1738.41	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
31	11/01/2013 02:09	1741.66	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
32	11/01/2013 02:10	1745.13	Malfunction Prior AWFCO	unit.	Retention	Yes	Yes
33	12/25/2013 01:20	1746.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
34	12/25/2013 01:21	1746.16	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
35	12/25/2013 01:22	1745.09	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
36	12/25/2013 01:23	1744.31	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
37	12/25/2013 01:24	1743.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
38	12/25/2013 01:25	1744.59	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
39	12/25/2013 01:26	1746.47	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
		39	Total Minutes in Exceedance				
		3	Number of Events				

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report
Summary

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

Date	MAXIMUM PPM	Duration (min)	Reason	Corrective Action
Waste				
10/02/2013 10:33	11.5	7	Malfunction Lance Purge	Cleared lance. Restarted unit.
10/04/2013 15:36	10.7	57	Operator Error Feed Prep	Restarted unit. Reduced charges.
10/06/2013 15:31	27.1	42	Malfunction Lance Plugging	Cleared lance. Restarted unit.
10/09/2013 01:41	10.3	40	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/13/2013 19:40	14.0	13	Malfunction Lance Purge	Cleared line. Restarted unit.
10/14/2013 20:30	12.4	59	Operator Error Feed Prep	Restarted unit. Reduced charges.
10/24/2013 07:07	12.6	58	Operator Error Feed Prep	Restarted unit. Reduced charges.
10/24/2013 09:24	11.5	58	Malfunction Lance Purge	Cleared lance. Restarted unit.
10/24/2013 20:18	12.8	54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
11/09/2013 18:14	10.1	49	Malfunction Lance Purge	Cleared lance. Restarted unit.
11/15/2013 22:57	12.8	58	Operator Error Feed Prep	Reduced charge size. Restarted unit.
11/22/2013 04:45	21.8	60	Operator Error Feed Prep	Reduced charge size. Restarted unit.
11/26/2013 13:04	12.6	59	Operator Error Feed Prep	Reduced charge size. Restarted unit.
12/04/2013 16:10	19.5	54	Operator Error Feed Prep	Reduced charge size. Restarted unit.
12/06/2013 12:54	10.6	55	Malfunction Lance Purge	Cleared lance. Restarted unit.
12/14/2013 09:08	13.2	59	Operator Error Feed Prep	Reduced charge size. Restarted unit.
		782	Total Minutes	
Fuels				
		0	Total Minutes	
			NO EVENTS	

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	10/02/2013 10:33	10.29	Malfunction Lance Purge	Cleared lance. Restarted unit.	Waste	Yes	Yes
2	10/02/2013 10:34	11.19	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
3	10/02/2013 10:35	11.41	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
4	10/02/2013 10:36	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
5	10/02/2013 10:37	11.50	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
6	10/02/2013 10:38	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
7	10/02/2013 10:39	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
8	10/04/2013 15:36	10.45	Operator Error Feed Prep	Restarted unit. Reduced charges.	Waste	Yes	Yes
9	10/04/2013 15:37	10.65	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
10	10/04/2013 15:38	10.71	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
11	10/04/2013 15:39	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
12	10/04/2013 15:40	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
13	10/04/2013 15:41	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
14	10/04/2013 15:42	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
15	10/04/2013 15:43	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
16	10/04/2013 15:44	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
17	10/04/2013 15:45	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
18	10/04/2013 15:46	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
19	10/04/2013 15:47	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
20	10/04/2013 15:48	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
21	10/04/2013 15:49	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
22	10/04/2013 15:50	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
23	10/04/2013 15:51	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
24	10/04/2013 15:52	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
25	10/04/2013 15:53	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
26	10/04/2013 15:54	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
27	10/04/2013 15:55	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
28	10/04/2013 15:56	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
29	10/04/2013 15:57	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
30	10/04/2013 15:58	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
31	10/04/2013 15:59	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
32	10/04/2013 16:00	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
33	10/04/2013 16:01	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
34	10/04/2013 16:02	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
35	10/04/2013 16:03	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
36	10/04/2013 16:04	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
37	10/04/2013 16:05	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
38	10/04/2013 16:06	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
39	10/04/2013 16:07	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
40	10/04/2013 16:08	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
41	10/04/2013 16:09	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
42	10/04/2013 16:10	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
43	10/04/2013 16:11	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
44	10/04/2013 16:12	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
45	10/04/2013 16:13	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
46	10/04/2013 16:14	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
47	10/04/2013 16:15	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
48	10/04/2013 16:16	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
49	10/04/2013 16:17	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
50	10/04/2013 16:18	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
51	10/04/2013 16:19	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
52	10/04/2013 16:20	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
53	10/04/2013 16:21	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
54	10/04/2013 16:22	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
55	10/04/2013 16:23	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
56	10/04/2013 16:24	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
57	10/04/2013 16:25	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
58	10/04/2013 16:26	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
59	10/04/2013 16:27	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
60	10/04/2013 16:28	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
61	10/04/2013 16:29	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
62	10/04/2013 16:30	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
63	10/04/2013 16:31	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
64	10/04/2013 16:32	10.72	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
65	10/06/2013 15:31	18.87	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
66	10/06/2013 15:32	18.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
67	10/06/2013 15:33	18.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
68	10/06/2013 15:34	20.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
69	10/06/2013 15:35	23.58	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
70	10/06/2013 15:36	23.58	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
71	10/06/2013 15:37	23.58	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
72	10/06/2013 15:38	27.03	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
73	10/06/2013 15:39	27.04	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
74	10/06/2013 15:40	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
75	10/06/2013 15:41	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
76	10/06/2013 15:42	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
77	10/06/2013 15:43	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
78	10/06/2013 15:44	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
79	10/06/2013 15:45	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
80	10/06/2013 15:46	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
81	10/06/2013 15:47	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
82	10/06/2013 15:48	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
83	10/06/2013 15:49	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
84	10/06/2013 15:50	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
85	10/06/2013 15:51	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
86	10/06/2013 15:52	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
87	10/06/2013 15:53	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
88	10/06/2013 15:54	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
89	10/06/2013 15:55	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
90	10/06/2013 15:56	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
91	10/06/2013 15:57	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
92	10/06/2013 15:58	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
93	10/06/2013 15:59	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
94	10/06/2013 16:00	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
95	10/06/2013 16:01	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
96	10/06/2013 16:02	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
97	10/06/2013 16:03	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
98	10/06/2013 16:04	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
99	10/06/2013 16:05	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
100	10/06/2013 16:06	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
101	10/06/2013 16:07	27.05	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
102	10/06/2013 16:08	26.93	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
103	10/06/2013 16:09	26.93	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
104	10/06/2013 16:10	26.93	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
105	10/06/2013 16:11	26.93	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
106	10/06/2013 16:12	26.93	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
107	10/09/2013 01:41	10.20	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
108	10/09/2013 01:42	10.26	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
109	10/09/2013 01:43	10.27	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
110	10/09/2013 01:44	10.27	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
111	10/09/2013 01:45	10.27	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
112	10/09/2013 01:46	10.28	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
113	10/09/2013 01:47	10.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
114	10/09/2013 01:48	10.28	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
115	10/09/2013 01:49	10.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
116	10/09/2013 01:50	10.28	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
117	10/09/2013 01:51	10.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
118	10/09/2013 01:52	10.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
119	10/09/2013 01:53	10.30	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
120	10/09/2013 01:54	10.30	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
121	10/09/2013 01:55	10.31	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
122	10/09/2013 01:56	10.31	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
123	10/09/2013 01:57	10.32	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
124	10/09/2013 01:58	10.32	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
125	10/09/2013 01:59	10.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
126	10/09/2013 02:00	10.34	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
127	10/09/2013 02:01	10.35	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
128	10/09/2013 02:02	10.34	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
129	10/09/2013 02:03	10.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
130	10/09/2013 02:04	10.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
131	10/09/2013 02:05	10.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
132	10/09/2013 02:06	10.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
133	10/09/2013 02:07	10.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
134	10/09/2013 02:08	10.33	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
135	10/09/2013 02:09	10.31	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
136	10/09/2013 02:10	10.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
137	10/09/2013 02:11	10.28	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
138	10/09/2013 02:12	10.27	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
139	10/09/2013 02:13	10.26	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
140	10/09/2013 02:14	10.26	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
141	10/09/2013 02:15	10.26	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
142	10/09/2013 02:16	10.26	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
143	10/09/2013 02:17	10.25	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
144	10/09/2013 02:18	10.25	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
145	10/09/2013 02:19	10.25	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
146	10/09/2013 02:20	10.24	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
147	10/13/2013 19:40	10.28	Malfunction Lance Purge	Cleared line. Restarted unit.	Waste	Yes	Yes
148	10/13/2013 19:41	12.79	Malfunction Lance Purge	Cleared line. Restarted unit.	Waste	Yes	Yes
149	10/13/2013 19:42	13.58	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
150	10/13/2013 19:43	13.80	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
151	10/13/2013 19:44	13.91	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
152	10/13/2013 19:45	13.97	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
153	10/13/2013 19:46	14.00	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
154	10/13/2013 19:47	14.02	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
155	10/13/2013 19:48	14.02	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
156	10/13/2013 19:49	14.02	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
157	10/13/2013 19:50	14.02	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
158	10/13/2013 19:51	14.02	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
159	10/13/2013 19:52	13.51	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
160	10/14/2013 20:30	11.69	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
161	10/14/2013 20:31	11.69	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
162	10/14/2013 20:32	12.31	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
163	10/14/2013 20:33	12.40	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
164	10/14/2013 20:34	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
165	10/14/2013 20:35	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
166	10/14/2013 20:36	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
167	10/14/2013 20:37	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
168	10/14/2013 20:38	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
169	10/14/2013 20:39	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
170	10/14/2013 20:40	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
171	10/14/2013 20:41	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
172	10/14/2013 20:42	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
173	10/14/2013 20:43	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
174	10/14/2013 20:44	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
175	10/14/2013 20:45	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
176	10/14/2013 20:46	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
177	10/14/2013 20:47	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
178	10/14/2013 20:48	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
179	10/14/2013 20:49	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
180	10/14/2013 20:50	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
181	10/14/2013 20:51	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
182	10/14/2013 20:52	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
183	10/14/2013 20:53	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
184	10/14/2013 20:54	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
185	10/14/2013 20:55	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
186	10/14/2013 20:56	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
187	10/14/2013 20:57	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
188	10/14/2013 20:58	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
189	10/14/2013 20:59	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
190	10/14/2013 21:00	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
191	10/14/2013 21:01	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
192	10/14/2013 21:02	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
193	10/14/2013 21:03	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
194	10/14/2013 21:04	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
195	10/14/2013 21:05	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
196	10/14/2013 21:06	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
197	10/14/2013 21:07	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
198	10/14/2013 21:08	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
199	10/14/2013 21:09	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
200	10/14/2013 21:10	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
201	10/14/2013 21:11	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
202	10/14/2013 21:12	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
203	10/14/2013 21:13	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
204	10/14/2013 21:14	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
205	10/14/2013 21:15	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
206	10/14/2013 21:16	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
207	10/14/2013 21:17	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
208	10/14/2013 21:18	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
209	10/14/2013 21:19	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
210	10/14/2013 21:20	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
211	10/14/2013 21:21	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
212	10/14/2013 21:22	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
213	10/14/2013 21:23	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
214	10/14/2013 21:24	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
215	10/14/2013 21:25	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
216	10/14/2013 21:26	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
217	10/14/2013 21:27	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
218	10/14/2013 21:28	12.41	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
219	10/24/2013 07:07	11.91	Operator Error Feed Prep	Restarted unit. Reduced charges.	Waste	Yes	Yes
220	10/24/2013 07:08	12.46	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
221	10/24/2013 07:09	12.59	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
222	10/24/2013 07:10	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
223	10/24/2013 07:11	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
224	10/24/2013 07:12	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
225	10/24/2013 07:13	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
226	10/24/2013 07:14	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
227	10/24/2013 07:15	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
228	10/24/2013 07:16	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
229	10/24/2013 07:17	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
230	10/24/2013 07:18	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
231	10/24/2013 07:19	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
232	10/24/2013 07:20	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
233	10/24/2013 07:21	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
234	10/24/2013 07:22	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
235	10/24/2013 07:23	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
236	10/24/2013 07:24	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
237	10/24/2013 07:25	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
238	10/24/2013 07:26	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
239	10/24/2013 07:27	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
240	10/24/2013 07:28	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
241	10/24/2013 07:29	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
242	10/24/2013 07:30	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
243	10/24/2013 07:31	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
244	10/24/2013 07:32	12.61	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
245	10/24/2013 07:33	12.60	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
246	10/24/2013 07:34	12.60	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
247	10/24/2013 07:35	12.60	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
248	10/24/2013 07:36	12.59	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
249	10/24/2013 07:37	12.59	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
250	10/24/2013 07:38	12.59	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
251	10/24/2013 07:39	12.59	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
252	10/24/2013 07:40	12.58	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
253	10/24/2013 07:41	12.58	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
254	10/24/2013 07:42	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
255	10/24/2013 07:43	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
256	10/24/2013 07:44	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
257	10/24/2013 07:45	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
258	10/24/2013 07:46	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
259	10/24/2013 07:47	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
260	10/24/2013 07:48	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
261	10/24/2013 07:49	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
262	10/24/2013 07:50	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
263	10/24/2013 07:51	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
264	10/24/2013 07:52	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
265	10/24/2013 07:53	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
266	10/24/2013 07:54	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
267	10/24/2013 07:55	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
268	10/24/2013 07:56	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
269	10/24/2013 07:57	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
270	10/24/2013 07:58	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
271	10/24/2013 07:59	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
272	10/24/2013 08:00	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
273	10/24/2013 08:01	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
274	10/24/2013 08:02	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
275	10/24/2013 08:03	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes
276	10/24/2013 08:04	12.57	Operator Error Feed Prep	Restarted unit. Reduced charges.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
277	10/24/2013 09:24	10.68	Malfunction Lance Purge	Cleared lance. Restarted unit.	Waste	Yes	Yes
278	10/24/2013 09:25	11.36	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
279	10/24/2013 09:26	11.50	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
280	10/24/2013 09:27	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
281	10/24/2013 09:28	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
282	10/24/2013 09:29	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
283	10/24/2013 09:30	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
284	10/24/2013 09:31	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
285	10/24/2013 09:32	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
286	10/24/2013 09:33	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
287	10/24/2013 09:34	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
288	10/24/2013 09:35	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
289	10/24/2013 09:36	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
290	10/24/2013 09:37	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
291	10/24/2013 09:38	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
292	10/24/2013 09:39	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
293	10/24/2013 09:40	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
294	10/24/2013 09:41	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
295	10/24/2013 09:42	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
296	10/24/2013 09:43	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
297	10/24/2013 09:44	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
298	10/24/2013 09:45	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
299	10/24/2013 09:46	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
300	10/24/2013 09:47	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
301	10/24/2013 09:48	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
302	10/24/2013 09:49	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
303	10/24/2013 09:50	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
304	10/24/2013 09:51	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
305	10/24/2013 09:52	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
306	10/24/2013 09:53	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
307	10/24/2013 09:54	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
308	10/24/2013 09:55	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
309	10/24/2013 09:56	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
310	10/24/2013 09:57	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
311	10/24/2013 09:58	11.51	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
312	10/24/2013 09:59	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
313	10/24/2013 10:00	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
314	10/24/2013 10:01	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
315	10/24/2013 10:02	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
316	10/24/2013 10:03	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
317	10/24/2013 10:04	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
318	10/24/2013 10:05	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
319	10/24/2013 10:06	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
320	10/24/2013 10:07	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
321	10/24/2013 10:08	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
322	10/24/2013 10:09	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
323	10/24/2013 10:10	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
324	10/24/2013 10:11	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
325	10/24/2013 10:12	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
326	10/24/2013 10:13	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
327	10/24/2013 10:14	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
328	10/24/2013 10:15	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
329	10/24/2013 10:16	11.47	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
330	10/24/2013 10:17	11.46	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
331	10/24/2013 10:18	11.45	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
332	10/24/2013 10:19	11.45	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
333	10/24/2013 10:20	11.45	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
334	10/24/2013 10:21	11.25	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
335	10/24/2013 20:18	12.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
336	10/24/2013 20:19	12.68	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
337	10/24/2013 20:20	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
338	10/24/2013 20:21	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
339	10/24/2013 20:22	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
340	10/24/2013 20:23	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
341	10/24/2013 20:24	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
342	10/24/2013 20:25	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
343	10/24/2013 20:26	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
344	10/24/2013 20:27	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
345	10/24/2013 20:28	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
346	10/24/2013 20:29	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
347	10/24/2013 20:30	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
348	10/24/2013 20:31	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
349	10/24/2013 20:32	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
350	10/24/2013 20:33	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
351	10/24/2013 20:34	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
352	10/24/2013 20:35	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
353	10/24/2013 20:36	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
354	10/24/2013 20:37	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
355	10/24/2013 20:38	12.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
356	10/24/2013 20:39	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
357	10/24/2013 20:40	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
358	10/24/2013 20:41	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
359	10/24/2013 20:42	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
360	10/24/2013 20:43	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
361	10/24/2013 20:44	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
362	10/24/2013 20:45	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
363	10/24/2013 20:46	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
364	10/24/2013 20:47	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
365	10/24/2013 20:48	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
366	10/24/2013 20:49	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
367	10/24/2013 20:50	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
368	10/24/2013 20:51	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
369	10/24/2013 20:52	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
370	10/24/2013 20:53	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
371	10/24/2013 20:54	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
372	10/24/2013 20:55	12.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
373	10/24/2013 20:56	12.14	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
374	10/24/2013 20:57	11.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
375	10/24/2013 20:58	10.63	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
376	10/24/2013 20:59	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
377	10/24/2013 21:00	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
378	10/24/2013 21:01	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
379	10/24/2013 21:02	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
380	10/24/2013 21:03	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
381	10/24/2013 21:04	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
382	10/24/2013 21:05	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
383	10/24/2013 21:06	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
384	10/24/2013 21:07	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
385	10/24/2013 21:08	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
386	10/24/2013 21:09	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
387	10/24/2013 21:10	10.49	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
388	10/24/2013 21:11	10.46	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
389	11/09/2013 18:14	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Waste	Yes	Yes
390	11/09/2013 18:15	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
391	11/09/2013 18:16	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
392	11/09/2013 18:17	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
393	11/09/2013 18:18	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
394	11/09/2013 18:19	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
395	11/09/2013 18:20	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
396	11/09/2013 18:21	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
397	11/09/2013 18:22	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
398	11/09/2013 18:23	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
399	11/09/2013 18:24	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
400	11/09/2013 18:25	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
401	11/09/2013 18:26	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
402	11/09/2013 18:27	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
403	11/09/2013 18:28	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
404	11/09/2013 18:29	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
405	11/09/2013 18:30	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
406	11/09/2013 18:31	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
407	11/09/2013 18:32	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
408	11/09/2013 18:33	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
409	11/09/2013 18:34	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
410	11/09/2013 18:35	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
411	11/09/2013 18:36	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
412	11/09/2013 18:37	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
413	11/09/2013 18:38	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
414	11/09/2013 18:39	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
415	11/09/2013 18:40	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
416	11/09/2013 18:41	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
417	11/09/2013 18:42	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
418	11/09/2013 18:43	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
419	11/09/2013 18:44	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
420	11/09/2013 18:45	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
421	11/09/2013 18:46	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
422	11/09/2013 18:47	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
423	11/09/2013 18:48	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
424	11/09/2013 18:49	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
425	11/09/2013 18:50	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
426	11/09/2013 18:51	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
427	11/09/2013 18:52	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
428	11/09/2013 18:53	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
429	11/09/2013 18:54	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
430	11/09/2013 18:55	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
431	11/09/2013 18:56	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
432	11/09/2013 18:57	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
433	11/09/2013 18:58	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
434	11/09/2013 18:59	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
435	11/09/2013 19:00	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
436	11/09/2013 19:01	10.09	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
437	11/09/2013 19:02	10.04	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
438	11/15/2013 22:57	10.18	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Waste	Yes	Yes
439	11/15/2013 22:58	12.29	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
440	11/15/2013 22:59	12.81	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
441	11/15/2013 23:00	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
442	11/15/2013 23:01	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
443	11/15/2013 23:02	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
444	11/15/2013 23:03	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
445	11/15/2013 23:04	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
446	11/15/2013 23:05	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
447	11/15/2013 23:06	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
448	11/15/2013 23:07	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
449	11/15/2013 23:08	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
450	11/15/2013 23:09	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
451	11/15/2013 23:10	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
452	11/15/2013 23:11	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
453	11/15/2013 23:12	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
454	11/15/2013 23:13	12.84	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
455	11/15/2013 23:14	12.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
456	11/15/2013 23:15	12.76	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
457	11/15/2013 23:16	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
458	11/15/2013 23:17	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
459	11/15/2013 23:18	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
460	11/15/2013 23:19	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
461	11/15/2013 23:20	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
462	11/15/2013 23:21	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
463	11/15/2013 23:22	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
464	11/15/2013 23:23	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
465	11/15/2013 23:24	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
466	11/15/2013 23:25	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
467	11/15/2013 23:26	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
468	11/15/2013 23:27	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
469	11/15/2013 23:28	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
470	11/15/2013 23:29	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
471	11/15/2013 23:30	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
472	11/15/2013 23:31	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
473	11/15/2013 23:32	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
474	11/15/2013 23:33	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
475	11/15/2013 23:34	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
476	11/15/2013 23:35	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
477	11/15/2013 23:36	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
478	11/15/2013 23:37	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
479	11/15/2013 23:38	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
480	11/15/2013 23:39	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
481	11/15/2013 23:40	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
482	11/15/2013 23:41	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
483	11/15/2013 23:42	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
484	11/15/2013 23:43	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
485	11/15/2013 23:44	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
486	11/15/2013 23:45	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
487	11/15/2013 23:46	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
488	11/15/2013 23:47	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
489	11/15/2013 23:48	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
490	11/15/2013 23:49	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
491	11/15/2013 23:50	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
492	11/15/2013 23:51	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
493	11/15/2013 23:52	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
494	11/15/2013 23:53	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
495	11/15/2013 23:54	12.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
496	11/22/2013 04:45	18.76	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Waste	Yes	Yes
497	11/22/2013 04:46	20.93	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
498	11/22/2013 04:47	21.47	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
499	11/22/2013 04:48	21.65	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
500	11/22/2013 04:49	21.79	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
501	11/22/2013 04:50	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
502	11/22/2013 04:51	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
503	11/22/2013 04:52	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
504	11/22/2013 04:53	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
505	11/22/2013 04:54	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
506	11/22/2013 04:55	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
507	11/22/2013 04:56	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
508	11/22/2013 04:57	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
509	11/22/2013 04:58	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
510	11/22/2013 04:59	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
511	11/22/2013 05:00	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
512	11/22/2013 05:01	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
513	11/22/2013 05:02	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
514	11/22/2013 05:03	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
515	11/22/2013 05:04	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
516	11/22/2013 05:05	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
517	11/22/2013 05:06	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
518	11/22/2013 05:07	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
519	11/22/2013 05:08	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
520	11/22/2013 05:09	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
521	11/22/2013 05:10	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
522	11/22/2013 05:11	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
523	11/22/2013 05:12	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
524	11/22/2013 05:13	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
525	11/22/2013 05:14	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
526	11/22/2013 05:15	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
527	11/22/2013 05:16	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
528	11/22/2013 05:17	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
529	11/22/2013 05:18	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
530	11/22/2013 05:19	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
531	11/22/2013 05:20	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
532	11/22/2013 05:21	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
533	11/22/2013 05:22	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
534	11/22/2013 05:23	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
535	11/22/2013 05:24	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
536	11/22/2013 05:25	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
537	11/22/2013 05:26	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
538	11/22/2013 05:27	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
539	11/22/2013 05:28	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
540	11/22/2013 05:29	21.83	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
541	11/22/2013 05:30	21.82	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
542	11/22/2013 05:31	21.81	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
543	11/22/2013 05:32	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
544	11/22/2013 05:33	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
545	11/22/2013 05:34	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
546	11/22/2013 05:35	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
547	11/22/2013 05:36	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
548	11/22/2013 05:37	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
549	11/22/2013 05:38	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
550	11/22/2013 05:39	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
551	11/22/2013 05:40	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
552	11/22/2013 05:41	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
553	11/22/2013 05:42	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
554	11/22/2013 05:43	21.80	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
555	11/22/2013 05:44	12.05	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
556	11/26/2013 13:04	11.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Waste	Yes	Yes
557	11/26/2013 13:05	12.54	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
558	11/26/2013 13:06	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
559	11/26/2013 13:07	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
560	11/26/2013 13:08	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
561	11/26/2013 13:09	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
562	11/26/2013 13:10	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
563	11/26/2013 13:11	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
564	11/26/2013 13:12	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
565	11/26/2013 13:13	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
566	11/26/2013 13:14	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
567	11/26/2013 13:15	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
568	11/26/2013 13:16	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
569	11/26/2013 13:17	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
570	11/26/2013 13:18	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
571	11/26/2013 13:19	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
572	11/26/2013 13:20	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
573	11/26/2013 13:21	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
574	11/26/2013 13:22	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
575	11/26/2013 13:23	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
576	11/26/2013 13:24	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
577	11/26/2013 13:25	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
578	11/26/2013 13:26	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
579	11/26/2013 13:27	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
580	11/26/2013 13:28	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
581	11/26/2013 13:29	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
582	11/26/2013 13:30	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
583	11/26/2013 13:31	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
584	11/26/2013 13:32	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
585	11/26/2013 13:33	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
586	11/26/2013 13:34	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
587	11/26/2013 13:35	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
588	11/26/2013 13:36	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
589	11/26/2013 13:37	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
590	11/26/2013 13:38	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
591	11/26/2013 13:39	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
592	11/26/2013 13:40	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
593	11/26/2013 13:41	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
594	11/26/2013 13:42	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
595	11/26/2013 13:43	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
596	11/26/2013 13:44	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
597	11/26/2013 13:45	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
598	11/26/2013 13:46	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
599	11/26/2013 13:47	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
600	11/26/2013 13:48	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
601	11/26/2013 13:49	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
602	11/26/2013 13:50	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
603	11/26/2013 13:51	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
604	11/26/2013 13:52	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
605	11/26/2013 13:53	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
606	11/26/2013 13:54	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
607	11/26/2013 13:55	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
608	11/26/2013 13:56	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
609	11/26/2013 13:57	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
610	11/26/2013 13:58	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
611	11/26/2013 13:59	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
612	11/26/2013 14:00	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
613	11/26/2013 14:01	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
614	11/26/2013 14:02	12.59	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
615	12/04/2013 16:10	11.77	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Waste	Yes	Yes
616	12/04/2013 16:11	17.37	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
617	12/04/2013 16:12	19.16	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
618	12/04/2013 16:13	19.50	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
619	12/04/2013 16:14	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
620	12/04/2013 16:15	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
621	12/04/2013 16:16	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
622	12/04/2013 16:17	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
623	12/04/2013 16:18	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
624	12/04/2013 16:19	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
625	12/04/2013 16:20	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
626	12/04/2013 16:21	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
627	12/04/2013 16:22	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
628	12/04/2013 16:23	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
629	12/04/2013 16:24	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
630	12/04/2013 16:25	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
631	12/04/2013 16:26	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
632	12/04/2013 16:27	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
633	12/04/2013 16:28	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
634	12/04/2013 16:29	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
635	12/04/2013 16:30	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
636	12/04/2013 16:31	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
637	12/04/2013 16:32	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
638	12/04/2013 16:33	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
639	12/04/2013 16:34	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
640	12/04/2013 16:35	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
641	12/04/2013 16:36	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
642	12/04/2013 16:37	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
643	12/04/2013 16:38	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
644	12/04/2013 16:39	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
645	12/04/2013 16:40	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
646	12/04/2013 16:41	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
647	12/04/2013 16:42	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
648	12/04/2013 16:43	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
649	12/04/2013 16:44	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
650	12/04/2013 16:45	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
651	12/04/2013 16:46	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
652	12/04/2013 16:47	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
653	12/04/2013 16:48	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
654	12/04/2013 16:49	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
655	12/04/2013 16:50	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
656	12/04/2013 16:51	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
657	12/04/2013 16:52	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
658	12/04/2013 16:53	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
659	12/04/2013 16:54	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
660	12/04/2013 16:55	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
661	12/04/2013 16:56	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
662	12/04/2013 16:57	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
663	12/04/2013 16:58	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
664	12/04/2013 16:59	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
665	12/04/2013 17:00	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
666	12/04/2013 17:01	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
667	12/04/2013 17:02	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
668	12/04/2013 17:03	19.51	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
669	12/06/2013 12:54	10.43	Malfunction Lance Purge	Cleared lance. Restarted unit.	Waste	Yes	Yes
670	12/06/2013 12:55	10.59	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
671	12/06/2013 12:56	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
672	12/06/2013 12:57	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
673	12/06/2013 12:58	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
674	12/06/2013 12:59	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
675	12/06/2013 13:00	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
676	12/06/2013 13:01	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
677	12/06/2013 13:02	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
678	12/06/2013 13:03	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
679	12/06/2013 13:04	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
680	12/06/2013 13:05	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
681	12/06/2013 13:06	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
682	12/06/2013 13:07	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
683	12/06/2013 13:08	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
684	12/06/2013 13:09	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
685	12/06/2013 13:10	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
686	12/06/2013 13:11	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
687	12/06/2013 13:12	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
688	12/06/2013 13:13	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
689	12/06/2013 13:14	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
690	12/06/2013 13:15	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
691	12/06/2013 13:16	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
692	12/06/2013 13:17	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
693	12/06/2013 13:18	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
694	12/06/2013 13:19	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
695	12/06/2013 13:20	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
696	12/06/2013 13:21	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
697	12/06/2013 13:22	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
698	12/06/2013 13:23	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
699	12/06/2013 13:24	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
700	12/06/2013 13:25	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
701	12/06/2013 13:26	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
702	12/06/2013 13:27	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
703	12/06/2013 13:28	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
704	12/06/2013 13:29	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
705	12/06/2013 13:30	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
706	12/06/2013 13:31	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
707	12/06/2013 13:32	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
708	12/06/2013 13:33	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
709	12/06/2013 13:34	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
710	12/06/2013 13:35	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
711	12/06/2013 13:36	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
712	12/06/2013 13:37	10.62	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
713	12/06/2013 13:38	10.58	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
714	12/06/2013 13:39	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
715	12/06/2013 13:40	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
716	12/06/2013 13:41	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
717	12/06/2013 13:42	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
718	12/06/2013 13:43	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
719	12/06/2013 13:44	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
720	12/06/2013 13:45	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
721	12/06/2013 13:46	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
722	12/06/2013 13:47	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
723	12/06/2013 13:48	10.48	Malfunction Lance Purge	Cleared lance. Restarted unit.	Retention	Yes	Yes
724	12/14/2013 09:08	11.02	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Waste	Yes	Yes
725	12/14/2013 09:09	12.89	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
726	12/14/2013 09:10	13.17	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
727	12/14/2013 09:11	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
728	12/14/2013 09:12	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
729	12/14/2013 09:13	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
730	12/14/2013 09:14	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
731	12/14/2013 09:15	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
732	12/14/2013 09:16	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
733	12/14/2013 09:17	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
734	12/14/2013 09:18	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
735	12/14/2013 09:19	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
736	12/14/2013 09:20	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
737	12/14/2013 09:21	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
738	12/14/2013 09:22	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
739	12/14/2013 09:23	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
740	12/14/2013 09:24	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
741	12/14/2013 09:25	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
742	12/14/2013 09:26	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
743	12/14/2013 09:27	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
744	12/14/2013 09:28	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
745	12/14/2013 09:29	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
746	12/14/2013 09:30	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
747	12/14/2013 09:31	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
748	12/14/2013 09:32	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
749	12/14/2013 09:33	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
750	12/14/2013 09:34	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
751	12/14/2013 09:35	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
752	12/14/2013 09:36	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
753	12/14/2013 09:37	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
754	12/14/2013 09:38	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
755	12/14/2013 09:39	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
756	12/14/2013 09:40	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
757	12/14/2013 09:41	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
758	12/14/2013 09:42	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
759	12/14/2013 09:43	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Emissions Limits:
1-Hour Average > 10 PPM
while on Waste or Retention

THC
Excess Emissions Report

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
760	12/14/2013 09:44	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
761	12/14/2013 09:45	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
762	12/14/2013 09:46	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
763	12/14/2013 09:47	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
764	12/14/2013 09:48	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
765	12/14/2013 09:49	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
766	12/14/2013 09:50	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
767	12/14/2013 09:51	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
768	12/14/2013 09:52	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
769	12/14/2013 09:53	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
770	12/14/2013 09:54	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
771	12/14/2013 09:55	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
772	12/14/2013 09:56	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
773	12/14/2013 09:57	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
774	12/14/2013 09:58	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
775	12/14/2013 09:59	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
776	12/14/2013 10:00	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
777	12/14/2013 10:01	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
778	12/14/2013 10:02	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
779	12/14/2013 10:03	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
780	12/14/2013 10:04	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
781	12/14/2013 10:05	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
782	12/14/2013 10:06	13.19	Operator Error Feed Prep	Reduced charge size. Restarted unit.	Retention	Yes	Yes
		782	Total Minutes in Exceedance				
		16	Number of Events				
			Total Emissions for the Quarter				
		260	(LBS)				
		0.13	(Tons)				

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-13	07:17 AM	07:38 AM	21	Calibration Check		16-Nov-13	10:46 AM	11:08 AM	22	Calibration Check
02-Oct-13	07:54 AM	08:15 AM	21	Calibration Check		17-Nov-13	10:00 AM	10:22 AM	22	Calibration Check
03-Oct-13	07:10 AM	07:32 AM	22	Calibration Check		18-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
04-Oct-13	06:40 AM	07:01 AM	21	Calibration Check		19-Nov-13	06:28 AM	06:50 AM	22	Calibration Check
05-Oct-13	06:54 AM	07:08 AM	14	Calibration Check		20-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
06-Oct-13	05:45 AM	06:07 AM	22	Calibration Check		21-Nov-13	06:27 AM	06:49 AM	22	Calibration Check
07-Oct-13	06:52 AM	07:06 AM	14	Calibration Check		22-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
08-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		23-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		24-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		25-Nov-13	05:33 AM	05:54 AM	21	Calibration Check
11-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		26-Nov-13	07:39 AM	08:00 AM	21	Calibration Check
12-Oct-13	10:01 AM	10:23 AM	22	Calibration Check		27-Nov-13	08:25 AM	08:47 AM	22	Calibration Check
13-Oct-13	09:33 AM	09:55 AM	22	Calibration Check		28-Nov-13	05:40 AM	06:01 AM	21	Calibration Check
14-Oct-13	05:46 AM	06:01 AM	15	Calibration Check		29-Nov-13	06:13 AM	06:35 AM	22	Calibration Check
15-Oct-13	06:24 AM	06:45 AM	21	Calibration Check		30-Nov-13	08:29 AM	08:50 AM	21	Calibration Check
16-Oct-13	05:04 AM	05:26 AM	22	Calibration Check		01-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-13	05:13 AM	05:34 AM	21	Calibration Check		02-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
18-Oct-13	07:15 AM	07:37 AM	22	Calibration Check		03-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-13	05:47 AM	06:08 AM	21	Calibration Check		04-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
20-Oct-13	07:09 AM	07:30 AM	21	Calibration Check		05-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		06-Dec-13	06:31 AM	06:53 AM	22	Calibration Check
22-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		07-Dec-13	07:20 AM	07:41 AM	21	Calibration Check
23-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		08-Dec-13	07:33 AM	07:54 AM	21	Calibration Check
24-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		09-Dec-13	07:03 AM	07:25 AM	22	Calibration Check
25-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		10-Dec-13	07:29 AM	07:50 AM	21	Calibration Check
26-Oct-13	06:40 AM	07:01 AM	21	Calibration Check		11-Dec-13	07:32 AM	07:54 AM	22	Calibration Check
27-Oct-13	07:16 AM	07:31 AM	15	Calibration Check		12-Dec-13	06:39 AM	07:01 AM	22	Calibration Check
28-Oct-13	08:33 AM	08:47 AM	14	Calibration Check		13-Dec-13	06:43 AM	07:04 AM	21	Calibration Check
29-Oct-13	07:08 AM	07:30 AM	22	Calibration Check		14-Dec-13	11:54 AM	12:15 PM	21	Calibration Check
30-Oct-13	08:02 AM	08:24 AM	22	Calibration Check		15-Dec-13	05:03 AM	05:25 AM	22	Calibration Check
31-Oct-13	07:19 AM	07:40 AM	21	Calibration Check		16-Dec-13	06:20 AM	06:42 AM	22	Calibration Check
01-Nov-13	08:19 AM	08:27 AM	8	Calibration Check		17-Dec-13	06:12 AM	06:33 AM	21	Calibration Check
02-Nov-13	09:05 AM	09:26 AM	21	Calibration Check		18-Dec-13	05:52 AM	06:13 AM	21	Calibration Check
03-Nov-13	06:53 AM	07:01 AM	8	Calibration Check		19-Dec-13	06:47 AM	07:08 AM	21	Calibration Check
04-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		20-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		21-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		22-Dec-13	08:21 AM	08:42 AM	21	Calibration Check
07-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		23-Dec-13	08:17 AM	08:39 AM	22	Calibration Check
08-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-13	10:16 AM	10:30 AM	14	Calibration Check
09-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		25-Dec-13	08:03 AM	08:25 AM	22	Calibration Check
10-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		26-Dec-13	10:13 AM	10:35 AM	22	Calibration Check
11-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		27-Dec-13	07:36 AM	07:58 AM	22	Calibration Check
12-Nov-13	06:45 AM	07:06 AM	21	Calibration Check		28-Dec-13	08:02 AM	08:17 AM	15	Calibration Check
13-Nov-13	07:34 AM	07:56 AM	22	Calibration Check		29-Dec-13	05:36 AM	05:57 AM	21	Calibration Check
14-Nov-13	06:12 AM	06:34 AM	22	Calibration Check		30-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-13	06:46 AM	07:07 AM	21	Calibration Check		31-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			917						969	
Total minutes for quality assurance:										
			Minutes							
			1886							

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-13	07:51 AM	07:56 AM	5	Calibration Check		15-Nov-13	07:13 AM	07:23 AM	10	Calibration Check
02-Oct-13	08:20 AM	08:31 AM	11	Calibration Check		16-Nov-13	11:30 AM	11:40 AM	10	Calibration Check
03-Oct-13	07:36 AM	07:47 AM	11	Calibration Check		17-Nov-13	10:35 AM	10:46 AM	11	Calibration Check
03-Oct-13	08:27 AM	08:32 AM	5	Recalibration		18-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
04-Oct-13	07:24 AM	07:35 AM	11	Calibration Check		19-Nov-13	06:54 AM	06:59 AM	5	Calibration Check
05-Oct-13	07:14 AM	07:24 AM	10	Calibration Check		20-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
06-Oct-13	05:31 AM	05:42 AM	11	Calibration Check		21-Nov-13	06:54 AM	07:04 AM	10	Calibration Check
07-Oct-13	07:32 AM	07:42 AM	10	Calibration Check		22-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
08-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		23-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
09-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		24-Nov-13	06:55 AM	07:05 AM	10	Calibration Check
10-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		25-Nov-13	06:03 AM	06:13 AM	10	Calibration Check
11-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		26-Nov-13	08:09 AM	08:20 AM	11	Calibration Check
12-Oct-13	09:44 AM	09:55 AM	11	Calibration Check		27-Nov-13	08:55 AM	09:06 AM	11	Calibration Check
13-Oct-13	10:01 AM	10:12 AM	11	Calibration Check		28-Nov-13	06:08 AM	06:18 AM	10	Calibration Check
14-Oct-13	06:06 AM	06:16 AM	10	Calibration Check		29-Nov-13	06:40 AM	06:51 AM	11	Calibration Check
15-Oct-13	06:05 AM	06:15 AM	10	Calibration Check		30-Nov-13	07:52 AM	08:02 AM	10	Calibration Check
16-Oct-13	05:31 AM	05:42 AM	11	Calibration Check		01-Dec-13	06:48 AM	06:58 AM	10	Calibration Check
17-Oct-13	05:39 AM	05:49 AM	10	Calibration Check		02-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
18-Oct-13	07:42 AM	07:53 AM	11	Calibration Check		03-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
19-Oct-13	06:12 AM	06:23 AM	11	Calibration Check		04-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
20-Oct-13	07:35 AM	07:46 AM	11	Calibration Check		05-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
21-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		06-Dec-13	06:57 AM	07:08 AM	11	Calibration Check
22-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		07-Dec-13	07:46 AM	07:57 AM	11	Calibration Check
23-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		08-Dec-13	08:21 AM	08:32 AM	11	Calibration Check
24-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		09-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
25-Oct-13	07:06 AM	07:17 AM	11	Calibration Check		10-Dec-13	07:11 AM	07:22 AM	11	Calibration Check
26-Oct-13	07:33 AM	07:38 AM	5	Calibration Check		11-Dec-13	07:58 AM	08:09 AM	11	Calibration Check
27-Oct-13	08:07 AM	08:17 AM	10	Calibration Check		12-Dec-13	07:07 AM	07:17 AM	10	Calibration Check
28-Oct-13	09:01 AM	09:11 AM	10	Calibration Check		13-Dec-13	07:09 AM	07:20 AM	11	Calibration Check
29-Oct-13	07:34 AM	07:45 AM	11	Calibration Check		14-Dec-13	12:20 PM	12:30 PM	10	Calibration Check
30-Oct-13	08:31 AM	08:42 AM	11	Calibration Check		15-Dec-13	05:29 AM	05:40 AM	11	Calibration Check
31-Oct-13	07:56 AM	08:07 AM	11	Calibration Check		16-Dec-13	06:47 AM	06:57 AM	10	Calibration Check
01-Nov-13	08:32 AM	08:43 AM	11	Calibration Check		17-Dec-13	06:38 AM	06:49 AM	11	Calibration Check
02-Nov-13	09:32 AM	09:43 AM	11	Calibration Check		18-Dec-13	06:19 AM	06:29 AM	10	Calibration Check
03-Nov-13	06:04 AM	06:15 AM	11	Calibration Check		19-Dec-13	07:13 AM	07:24 AM	11	Calibration Check
04-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		20-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
05-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		21-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
06-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		22-Dec-13	08:46 AM	08:57 AM	11	Calibration Check
07-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		23-Dec-13	08:46 AM	08:57 AM	11	Calibration Check
08-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		24-Dec-13	10:35 AM	10:45 AM	10	Calibration Check
09-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		25-Dec-13	08:29 AM	08:39 AM	10	Calibration Check
10-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		26-Dec-13	10:38 AM	10:49 AM	11	Calibration Check
11-Nov-13	06:47 AM	06:58 AM	11	Calibration Check		27-Dec-13	08:04 AM	08:15 AM	11	Calibration Check
12-Nov-13	07:11 AM	07:22 AM	11	Calibration Check		28-Dec-13	07:48 AM	07:59 AM	11	Calibration Check
13-Nov-13	07:23 AM	07:31 AM	8	Calibration Check		29-Dec-13	06:03 AM	06:13 AM	10	Calibration Check
14-Nov-13	06:37 AM	06:48 AM	11	Calibration Check		30-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
						31-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
			Minutes						Minutes	
			463						483	
Total minutes for quality assurance:										
			Minutes							
			946							

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

THC Monitors # 1 and # 2 Downtime

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation	Coincidence
				THC #1			
WORK ON THIS ANALYZER							
10/7/2013	6:46 AM	6:52 AM	6	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
10/26/2013	6:35 AM	6:40 AM	5	Checking Analyzer	None - Checked well	On Fuels	
10/27/2013	7:03 AM	7:15 AM	12	Checking Analyzer	Manual Calibration	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
10/28/2013	4:10 PM	4:48 PM	38	OTHER ANALYZER WORK DONE (Nox)	Cleaned Sample Port	On Hazardous Waste	
10/28/2013	4:55 PM	5:05 PM	10	OTHER ANALYZER WORK DONE (Nox)	Manual Calibration	On Hazardous Waste	
				THC #2			
WORK ON THIS ANALYZER							
10/26/2013	6:15 AM	6:35 AM	20	Checking Analyzer	None - Checked well	Mixed Haz/Fuels	
11/4/2013	10:00 PM	10:12 PM	12	Checked for Drift	None - Checked well	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
10/3/2013	8:27 AM	8:32 AM	5	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
10/26/2013	7:27 AM	7:34 AM	7	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
11/24/2013	6:50 AM	6:55 AM	5	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
				Other			
UNRECORDED TIME (MISSING MINUTES)							
TOTAL MINUTES IN QUARTER:					**132,480**		
TOTAL OPERATING TIME OF SOURCE:					**130,551**		
TOTAL DOWNTIME OF CEM SYSTEM:					**0**		
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**0**		
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**130,551**		
SYSTEM AVAILABILITY					**100.0%**		
Cells with this format is not counted toward source operating time.							

System #1
California Analytical Instruments
Model: 600-HFID
SN: U12054

THC Monitors
PM

System #2
California Analytical Instruments
Model: 600-HFID
SN: U12055

Date	Duration	Activity	Analyzer
TOTAL			
(e.g., blowback.manual adjustment to monitors,etc.)			
No preventative maintenance had to be performed on monitors this quarter.			

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
Summary

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

Date	MAXIMUM LB/MMBTU	Duration (min)	Reason	Corrective Action
10/25/2013 03:20	13.8	47	Feed - Drum	Reduced feed rates.
		47	Total Minutes	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report

Thermo Scientific
Model: 43i-HL
Serial Numbers:
1027444707

	Date	LB/HR	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	10/25/2013 03:20	11.44	Feed - Drum	Reduced feed rates.	Waste	Yes	No
2	10/25/2013 03:21	11.63	Feed - Drum	Reduced feed rates.	Waste	Yes	No
3	10/25/2013 03:22	11.81	Feed - Drum	Reduced feed rates.	Waste	Yes	No
4	10/25/2013 03:23	11.98	Feed - Drum	Reduced feed rates.	Waste	Yes	No
5	10/25/2013 03:24	12.14	Feed - Drum	Reduced feed rates.	Waste	Yes	No
6	10/25/2013 03:25	12.32	Feed - Drum	Reduced feed rates.	Waste	Yes	No
7	10/25/2013 03:26	12.54	Feed - Drum	Reduced feed rates.	Waste	Yes	No
8	10/25/2013 03:27	12.78	Feed - Drum	Reduced feed rates.	Waste	Yes	No
9	10/25/2013 03:28	12.97	Feed - Drum	Reduced feed rates.	Waste	Yes	No
10	10/25/2013 03:29	13.13	Feed - Drum	Reduced feed rates.	Waste	Yes	No
11	10/25/2013 03:30	13.19	Feed - Drum	Reduced feed rates.	Waste	Yes	No
12	10/25/2013 03:31	13.23	Feed - Drum	Reduced feed rates.	Waste	Yes	No
13	10/25/2013 03:32	13.25	Feed - Drum	Reduced feed rates.	Waste	Yes	No
14	10/25/2013 03:33	13.27	Feed - Drum	Reduced feed rates.	Waste	Yes	No
15	10/25/2013 03:34	13.28	Feed - Drum	Reduced feed rates.	Waste	Yes	No
16	10/25/2013 03:35	13.29	Feed - Drum	Reduced feed rates.	Waste	Yes	No
17	10/25/2013 03:36	13.31	Feed - Drum	Reduced feed rates.	Waste	Yes	No
18	10/25/2013 03:37	13.32	Feed - Drum	Reduced feed rates.	Waste	Yes	No
19	10/25/2013 03:38	13.35	Feed - Drum	Reduced feed rates.	Waste	Yes	No
20	10/25/2013 03:39	13.44	Feed - Drum	Reduced feed rates.	Waste	Yes	No
21	10/25/2013 03:40	13.53	Feed - Drum	Reduced feed rates.	Waste	Yes	No
22	10/25/2013 03:41	13.60	Feed - Drum	Reduced feed rates.	Waste	Yes	No
23	10/25/2013 03:42	13.69	Feed - Drum	Reduced feed rates.	Waste	Yes	No
24	10/25/2013 03:43	13.77	Feed - Drum	Reduced feed rates.	Waste	Yes	No
25	10/25/2013 03:44	13.80	Feed - Drum	Reduced feed rates.	Waste	Yes	No
26	10/25/2013 03:45	13.82	Feed - Drum	Reduced feed rates.	Waste	Yes	No
27	10/25/2013 03:46	13.83	Feed - Drum	Reduced feed rates.	Waste	Yes	No
28	10/25/2013 03:47	13.83	Feed - Drum	Reduced feed rates.	Waste	Yes	No
29	10/25/2013 03:48	13.84	Feed - Drum	Reduced feed rates.	Waste	Yes	No
30	10/25/2013 03:49	13.84	Feed - Drum	Reduced feed rates.	Waste	Yes	No
31	10/25/2013 03:50	13.83	Feed - Drum	Reduced feed rates.	Waste	Yes	No
32	10/25/2013 03:51	13.78	Feed - Drum	Reduced feed rates.	Waste	Yes	No
33	10/25/2013 03:52	13.66	Feed - Drum	Reduced feed rates.	Waste	Yes	No
34	10/25/2013 03:53	13.42	Feed - Drum	Reduced feed rates.	Waste	Yes	No
35	10/25/2013 03:54	13.10	Feed - Drum	Reduced feed rates.	Waste	Yes	No
36	10/25/2013 03:55	12.80	Feed - Drum	Reduced feed rates.	Waste	Yes	No
37	10/25/2013 03:56	12.64	Feed - Drum	Reduced feed rates.	Waste	Yes	No
38	10/25/2013 03:57	12.63	Feed - Drum	Reduced feed rates.	Waste	Yes	No
39	10/25/2013 03:58	12.62	Feed - Drum	Reduced feed rates.	Waste	Yes	No
40	10/25/2013 03:59	12.50	Feed - Drum	Reduced feed rates.	Waste	Yes	No
41	10/25/2013 04:00	12.34	Feed - Drum	Reduced feed rates.	Waste	Yes	No
42	10/25/2013 04:01	12.23	Feed - Drum	Reduced feed rates.	Waste	Yes	No
43	10/25/2013 04:02	12.33	Feed - Drum	Reduced feed rates.	Waste	Yes	No
44	10/25/2013 04:03	12.21	Feed - Drum	Reduced feed rates.	Waste	Yes	No
45	10/25/2013 04:04	11.95	Feed - Drum	Reduced feed rates.	Waste	Yes	No
46	10/25/2013 04:05	11.85	Feed - Drum	Reduced feed rates.	Waste	Yes	No
47	10/25/2013 04:06	11.67	Feed - Drum	Reduced feed rates.	Waste	Yes	No
		47	Total Minutes in Exceedance				
		1	Number of Events				
			Total Emissions for the Quarter				
		885	(LBS)				
		0.44	(Tons)				

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-13	07:17 AM	07:38 AM	21	Calibration Check		16-Nov-13	10:46 AM	11:08 AM	22	Calibration Check
02-Oct-13	07:54 AM	08:15 AM	21	Calibration Check		17-Nov-13	10:00 AM	10:22 AM	22	Calibration Check
03-Oct-13	07:10 AM	07:32 AM	22	Calibration Check		18-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
04-Oct-13	06:40 AM	07:01 AM	21	Calibration Check		19-Nov-13	06:28 AM	06:50 AM	22	Calibration Check
05-Oct-13	06:54 AM	07:08 AM	14	Calibration Check		20-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
06-Oct-13	05:45 AM	06:07 AM	22	Calibration Check		21-Nov-13	06:27 AM	06:49 AM	22	Calibration Check
07-Oct-13	06:52 AM	07:06 AM	14	Calibration Check		22-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
08-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		23-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		24-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		25-Nov-13	05:33 AM	05:54 AM	21	Calibration Check
11-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		26-Nov-13	07:39 AM	08:00 AM	21	Calibration Check
12-Oct-13	10:01 AM	10:23 AM	22	Calibration Check		27-Nov-13	08:25 AM	08:47 AM	22	Calibration Check
13-Oct-13	09:33 AM	09:55 AM	22	Calibration Check		28-Nov-13	05:40 AM	06:01 AM	21	Calibration Check
14-Oct-13	05:46 AM	06:01 AM	15	Calibration Check		29-Nov-13	06:13 AM	06:35 AM	22	Calibration Check
15-Oct-13	06:24 AM	06:45 AM	21	Calibration Check		30-Nov-13	08:29 AM	08:50 AM	21	Calibration Check
16-Oct-13	05:04 AM	05:26 AM	22	Calibration Check		01-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-13	05:13 AM	05:34 AM	21	Calibration Check		02-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
18-Oct-13	07:15 AM	07:37 AM	22	Calibration Check		03-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-13	05:47 AM	06:08 AM	21	Calibration Check		04-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
20-Oct-13	07:09 AM	07:30 AM	21	Calibration Check		05-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		06-Dec-13	06:31 AM	06:53 AM	22	Calibration Check
22-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		07-Dec-13	07:20 AM	07:41 AM	21	Calibration Check
23-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		08-Dec-13	07:33 AM	07:54 AM	21	Calibration Check
24-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		09-Dec-13	07:03 AM	07:25 AM	22	Calibration Check
25-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		10-Dec-13	07:29 AM	07:50 AM	21	Calibration Check
26-Oct-13	06:40 AM	07:01 AM	21	Calibration Check		11-Dec-13	07:32 AM	07:54 AM	22	Calibration Check
27-Oct-13	07:16 AM	07:31 AM	15	Calibration Check		12-Dec-13	06:39 AM	07:01 AM	22	Calibration Check
28-Oct-13	08:33 AM	08:47 AM	14	Calibration Check		13-Dec-13	06:43 AM	07:04 AM	21	Calibration Check
29-Oct-13	07:08 AM	07:30 AM	22	Calibration Check		14-Dec-13	11:54 AM	12:15 PM	21	Calibration Check
30-Oct-13	08:02 AM	08:24 AM	22	Calibration Check		15-Dec-13	05:03 AM	05:25 AM	22	Calibration Check
31-Oct-13	07:19 AM	07:40 AM	21	Calibration Check		16-Dec-13	06:20 AM	06:42 AM	22	Calibration Check
01-Nov-13	08:19 AM	08:27 AM	8	Calibration Check		17-Dec-13	06:12 AM	06:33 AM	21	Calibration Check
02-Nov-13	09:05 AM	09:26 AM	21	Calibration Check		18-Dec-13	05:52 AM	06:13 AM	21	Calibration Check
03-Nov-13	06:53 AM	07:01 AM	8	Calibration Check		19-Dec-13	06:47 AM	07:08 AM	21	Calibration Check
04-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		20-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		21-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		22-Dec-13	08:21 AM	08:42 AM	21	Calibration Check
07-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		23-Dec-13	08:17 AM	08:39 AM	22	Calibration Check
08-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-13	10:16 AM	10:30 AM	14	Calibration Check
09-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		25-Dec-13	08:03 AM	08:25 AM	22	Calibration Check
10-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		26-Dec-13	10:13 AM	10:35 AM	22	Calibration Check
11-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		27-Dec-13	07:36 AM	07:58 AM	22	Calibration Check
12-Nov-13	06:45 AM	07:06 AM	21	Calibration Check		28-Dec-13	08:02 AM	08:17 AM	15	Calibration Check
13-Nov-13	07:34 AM	07:56 AM	22	Calibration Check		29-Dec-13	05:36 AM	05:57 AM	21	Calibration Check
14-Nov-13	06:12 AM	06:34 AM	22	Calibration Check		30-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-13	06:46 AM	07:07 AM	21	Calibration Check		31-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			917						969	
Total minutes for quality assurance:										
			Minutes							
			1886							

SOX MONITOR
DOWNTIME

Thermo Scientifici
Model: 43i-HL
Serial Numbers:
1027444707

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
10/7/2013	6:46 AM	6:52 AM	6	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration	On Hazardous Waste
10/26/2013	6:35 AM	6:40 AM	5	OTHER ANALYZER WORK DONE (THC #1)	None - Checked well	On Fuels
10/27/2013	7:03 AM	7:15 AM	12	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration	On Hazardous Waste
10/28/2013	4:10 PM	4:48 PM	38	OTHER ANALYZER WORK DONE (Nox)	Cleaned Sample Port	On Hazardous Waste
10/28/2013	4:55 PM	5:05 PM	10	OTHER ANALYZER WORK DONE (Nox)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,551	
TOTAL DOWNTIME OF CEM SYSTEM:					71	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					71	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,480	
SYSTEM AVAILABILITY					99.9%	
		Cells with this format is not counted toward source operating time.				

SOX MONITOR
PREVENTIVE
MAINTENANCE

Thermo Scientificl
Model: 43i-HL
Serial Numbers:
1027444707

Date	Duration	Activity
TOTAL		
(e.g., blowback,manual adjustment to monitors,etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
Summary

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

Date	MAXIMUM LB/HR	Duration (min)	Reason	Corrective Action
10/14/2013 06:00	32.3	12	Feed - Lance	Reduced Feed Rates
10/28/2013 07:07	30.4	23	Feed - Drum	Reduced Feed Rates
10/28/2013 15:00	35.3	60	Feed - Drum	Reduced Feed Rates
10/30/2013 05:11	30.3	34	Feed - Lance	Restarted Unit
		129	Total Minutes	

Emissions Limits
28 36 LBS/Hr
124 23Tons /Years

NOx
Excess Emissions Report

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

	Date	LB/HR	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	10/14/2013 06:00	28.73	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
2	10/14/2013 06:01	29.46	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
3	10/14/2013 06:02	30.27	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
4	10/14/2013 06:03	30.99	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
5	10/14/2013 06:04	31.58	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
6	10/14/2013 06:05	32.01	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
7	10/14/2013 06:06	32.26	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
8	10/14/2013 06:07	31.98	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
9	10/14/2013 06:08	31.48	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
10	10/14/2013 06:09	30.90	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
11	10/14/2013 06:10	30.20	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
12	10/14/2013 06:11	29.33	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
13	10/28/2013 07:07	28.42	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
14	10/28/2013 07:08	28.84	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
15	10/28/2013 07:09	29.01	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
16	10/28/2013 07:10	29.08	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
17	10/28/2013 07:11	29.09	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
18	10/28/2013 07:12	29.11	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
19	10/28/2013 07:13	29.18	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
20	10/28/2013 07:14	29.29	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
21	10/28/2013 07:15	29.29	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
22	10/28/2013 07:16	29.39	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
23	10/28/2013 07:17	29.46	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
24	10/28/2013 07:18	29.46	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
25	10/28/2013 07:19	30.21	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
26	10/28/2013 07:20	30.38	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
27	10/28/2013 07:21	30.38	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
28	10/28/2013 07:22	30.35	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
29	10/28/2013 07:23	30.31	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
30	10/28/2013 07:24	30.26	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
31	10/28/2013 07:25	30.22	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
32	10/28/2013 07:26	29.89	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
33	10/28/2013 07:27	29.35	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
34	10/28/2013 07:28	29.36	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
35	10/28/2013 07:29	28.46	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
36	10/28/2013 15:00	28.43	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
37	10/28/2013 15:01	29.32	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
38	10/28/2013 15:02	30.08	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
39	10/28/2013 15:03	31.12	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
40	10/28/2013 15:04	32.08	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
41	10/28/2013 15:05	33.13	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
42	10/28/2013 15:06	34.19	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
43	10/28/2013 15:07	34.78	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
44	10/28/2013 15:08	34.53	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
45	10/28/2013 15:09	34.34	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
46	10/28/2013 15:10	34.34	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
47	10/28/2013 15:11	34.34	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
48	10/28/2013 15:12	34.63	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
49	10/28/2013 15:13	34.93	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
50	10/28/2013 15:14	34.85	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
51	10/28/2013 15:15	34.86	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
52	10/28/2013 15:16	34.86	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
53	10/28/2013 15:17	34.09	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
54	10/28/2013 15:18	33.95	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
55	10/28/2013 15:19	34.00	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
56	10/28/2013 15:20	34.14	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
57	10/28/2013 15:21	34.25	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
58	10/28/2013 15:22	34.36	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
59	10/28/2013 15:23	34.48	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
60	10/28/2013 15:24	34.60	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
61	10/28/2013 15:25	34.72	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
62	10/28/2013 15:26	34.83	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
63	10/28/2013 15:27	34.94	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
64	10/28/2013 15:28	35.05	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
65	10/28/2013 15:29	35.13	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
66	10/28/2013 15:30	35.21	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
67	10/28/2013 15:31	35.25	Feed - Drum	Reduced Feed Rates	Waste	Yes	No

Emissions Limits:
28.36 LBS/Hr
124 23Tons /Years

NOx
Excess Emissions Report

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

	Date	LB/HR	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
68	10/28/2013 15:32	35.26	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
69	10/28/2013 15:33	35.14	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
70	10/28/2013 15:34	35.04	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
71	10/28/2013 15:35	34.98	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
72	10/28/2013 15:36	34.89	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
73	10/28/2013 15:37	34.80	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
74	10/28/2013 15:38	34.84	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
75	10/28/2013 15:39	34.90	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
76	10/28/2013 15:40	34.95	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
77	10/28/2013 15:41	35.02	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
78	10/28/2013 15:42	35.11	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
79	10/28/2013 15:43	35.18	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
80	10/28/2013 15:44	35.27	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
81	10/28/2013 15:45	35.35	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
82	10/28/2013 15:46	35.19	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
83	10/28/2013 15:47	35.26	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
84	10/28/2013 15:48	34.28	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
85	10/28/2013 15:49	33.59	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
86	10/28/2013 15:50	33.43	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
87	10/28/2013 15:51	33.00	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
88	10/28/2013 15:52	32.70	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
89	10/28/2013 15:53	32.28	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
90	10/28/2013 15:54	31.62	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
91	10/28/2013 15:55	30.88	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
92	10/28/2013 15:56	30.31	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
93	10/28/2013 15:57	29.82	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
94	10/28/2013 15:58	29.28	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
95	10/28/2013 15:59	28.68	Feed - Drum	Reduced Feed Rates	Waste	Yes	No
96	10/30/2013 05:11	28.49	Feed - Lance	Restarted Unit	Waste	Yes	No
97	10/30/2013 05:12	29.02	Feed - Lance	Restarted Unit	Waste	Yes	No
98	10/30/2013 05:13	29.19	Feed - Lance	Restarted Unit	Waste	Yes	No
99	10/30/2013 05:14	29.31	Feed - Lance	Restarted Unit	Waste	Yes	No
100	10/30/2013 05:15	29.44	Feed - Lance	Restarted Unit	Waste	Yes	No
101	10/30/2013 05:16	29.54	Feed - Lance	Restarted Unit	Waste	Yes	No
102	10/30/2013 05:17	29.66	Feed - Lance	Restarted Unit	Waste	Yes	No
103	10/30/2013 05:18	29.76	Feed - Lance	Restarted Unit	Waste	Yes	No
104	10/30/2013 05:19	29.82	Feed - Lance	Restarted Unit	Waste	Yes	No
105	10/30/2013 05:20	29.86	Feed - Lance	Restarted Unit	Waste	Yes	No
106	10/30/2013 05:21	29.92	Feed - Lance	Restarted Unit	Waste	Yes	No
107	10/30/2013 05:22	29.98	Feed - Lance	Restarted Unit	Waste	Yes	No
108	10/30/2013 05:23	30.06	Feed - Lance	Restarted Unit	Waste	Yes	No
109	10/30/2013 05:24	30.16	Feed - Lance	Restarted Unit	Waste	Yes	No
110	10/30/2013 05:25	30.24	Feed - Lance	Restarted Unit	Waste	Yes	No
111	10/30/2013 05:26	30.27	Feed - Lance	Restarted Unit	Waste	Yes	No
112	10/30/2013 05:27	30.26	Feed - Lance	Restarted Unit	Waste	Yes	No
113	10/30/2013 05:28	30.25	Feed - Lance	Restarted Unit	Waste	Yes	No
114	10/30/2013 05:29	30.25	Feed - Lance	Restarted Unit	Waste	Yes	No
115	10/30/2013 05:30	30.22	Feed - Lance	Restarted Unit	Waste	Yes	No
116	10/30/2013 05:31	30.15	Feed - Lance	Restarted Unit	Waste	Yes	No
117	10/30/2013 05:32	30.09	Feed - Lance	Restarted Unit	Waste	Yes	No
118	10/30/2013 05:33	30.00	Feed - Lance	Restarted Unit	Waste	Yes	No
119	10/30/2013 05:34	29.91	Feed - Lance	Restarted Unit	Waste	Yes	No
120	10/30/2013 05:35	29.81	Feed - Lance	Restarted Unit	Waste	Yes	No
121	10/30/2013 05:36	29.71	Feed - Lance	Restarted Unit	Waste	Yes	No
122	10/30/2013 05:37	29.64	Feed - Lance	Restarted Unit	Waste	Yes	No
123	10/30/2013 05:38	29.56	Feed - Lance	Restarted Unit	Waste	Yes	No
124	10/30/2013 05:39	29.47	Feed - Lance	Restarted Unit	Waste	Yes	No
125	10/30/2013 05:40	29.37	Feed - Lance	Restarted Unit	Waste	Yes	No
126	10/30/2013 05:41	29.25	Feed - Lance	Restarted Unit	Waste	Yes	No
127	10/30/2013 05:42	29.08	Feed - Lance	Restarted Unit	Waste	Yes	No
128	10/30/2013 05:43	28.77	Feed - Lance	Restarted Unit	Waste	Yes	No
129	10/30/2013 05:44	28.38	Feed - Lance	Restarted Unit	Waste	Yes	No
		129	Total Minutes in Exceedance				
		4	Number of Events				

Emissions Limits:
28.36 LBS/Hr
124 23Tons /Years

NOx
Excess Emissions Report

California Analytical Instruments
Model: 600-CLD
Serial Number: U12052

	Date	LB/HR	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
			Total Emissions for the Quarter				
		38016	(LBS)				
		19.01	(Tons)				

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-13	07:17 AM	07:38 AM	21	Calibration Check		16-Nov-13	10:46 AM	11:08 AM	22	Calibration Check
02-Oct-13	07:54 AM	08:15 AM	21	Calibration Check		17-Nov-13	10:00 AM	10:22 AM	22	Calibration Check
03-Oct-13	07:10 AM	07:32 AM	22	Calibration Check		18-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
04-Oct-13	06:40 AM	07:01 AM	21	Calibration Check		19-Nov-13	06:28 AM	06:50 AM	22	Calibration Check
05-Oct-13	06:54 AM	07:08 AM	14	Calibration Check		20-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
06-Oct-13	05:45 AM	06:07 AM	22	Calibration Check		21-Nov-13	06:27 AM	06:49 AM	22	Calibration Check
07-Oct-13	06:52 AM	07:06 AM	14	Calibration Check		22-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
08-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		23-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		24-Nov-13	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		25-Nov-13	05:33 AM	05:54 AM	21	Calibration Check
11-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		26-Nov-13	07:39 AM	08:00 AM	21	Calibration Check
12-Oct-13	10:01 AM	10:23 AM	22	Calibration Check		27-Nov-13	08:25 AM	08:47 AM	22	Calibration Check
13-Oct-13	09:33 AM	09:55 AM	22	Calibration Check		28-Nov-13	05:40 AM	06:01 AM	21	Calibration Check
14-Oct-13	05:46 AM	06:01 AM	15	Calibration Check		29-Nov-13	06:13 AM	06:35 AM	22	Calibration Check
15-Oct-13	06:24 AM	06:45 AM	21	Calibration Check		30-Nov-13	08:29 AM	08:50 AM	21	Calibration Check
16-Oct-13	05:04 AM	05:26 AM	22	Calibration Check		01-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-13	05:13 AM	05:34 AM	21	Calibration Check		02-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
18-Oct-13	07:15 AM	07:37 AM	22	Calibration Check		03-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-13	05:47 AM	06:08 AM	21	Calibration Check		04-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
20-Oct-13	07:09 AM	07:30 AM	21	Calibration Check		05-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		06-Dec-13	06:31 AM	06:53 AM	22	Calibration Check
22-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		07-Dec-13	07:20 AM	07:41 AM	21	Calibration Check
23-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		08-Dec-13	07:33 AM	07:54 AM	21	Calibration Check
24-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		09-Dec-13	07:03 AM	07:25 AM	22	Calibration Check
25-Oct-13	06:20 AM	06:41 AM	21	Calibration Check		10-Dec-13	07:29 AM	07:50 AM	21	Calibration Check
26-Oct-13	06:40 AM	07:01 AM	21	Calibration Check		11-Dec-13	07:32 AM	07:54 AM	22	Calibration Check
27-Oct-13	07:16 AM	07:31 AM	15	Calibration Check		12-Dec-13	06:39 AM	07:01 AM	22	Calibration Check
28-Oct-13	08:33 AM	08:47 AM	14	Calibration Check		13-Dec-13	06:43 AM	07:04 AM	21	Calibration Check
29-Oct-13	07:08 AM	07:30 AM	22	Calibration Check		14-Dec-13	11:54 AM	12:15 PM	21	Calibration Check
30-Oct-13	08:02 AM	08:24 AM	22	Calibration Check		15-Dec-13	05:03 AM	05:25 AM	22	Calibration Check
31-Oct-13	07:19 AM	07:40 AM	21	Calibration Check		16-Dec-13	06:20 AM	06:42 AM	22	Calibration Check
01-Nov-13	08:19 AM	08:27 AM	8	Calibration Check		17-Dec-13	06:12 AM	06:33 AM	21	Calibration Check
02-Nov-13	09:05 AM	09:26 AM	21	Calibration Check		18-Dec-13	05:52 AM	06:13 AM	21	Calibration Check
03-Nov-13	06:53 AM	07:01 AM	8	Calibration Check		19-Dec-13	06:47 AM	07:08 AM	21	Calibration Check
04-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		20-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		21-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		22-Dec-13	08:21 AM	08:42 AM	21	Calibration Check
07-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		23-Dec-13	08:17 AM	08:39 AM	22	Calibration Check
08-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-13	10:16 AM	10:30 AM	14	Calibration Check
09-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		25-Dec-13	08:03 AM	08:25 AM	22	Calibration Check
10-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		26-Dec-13	10:13 AM	10:35 AM	22	Calibration Check
11-Nov-13	06:20 AM	06:41 AM	21	Calibration Check		27-Dec-13	07:36 AM	07:58 AM	22	Calibration Check
12-Nov-13	06:45 AM	07:06 AM	21	Calibration Check		28-Dec-13	08:02 AM	08:17 AM	15	Calibration Check
13-Nov-13	07:34 AM	07:56 AM	22	Calibration Check		29-Dec-13	05:36 AM	05:57 AM	21	Calibration Check
14-Nov-13	06:12 AM	06:34 AM	22	Calibration Check		30-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-13	06:46 AM	07:07 AM	21	Calibration Check		31-Dec-13	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			917						969	
Total minutes for quality assurance:										
			Minutes							
			1886							

NOX Monitor
Downtime

California Analytical Instruments
Model: 600-CLD
SN: U12052

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
10/28/2013	4:10 PM	4:48 PM	38	Excessive Instrument Drift	Cleaned Sample Port	On Hazardous Waste
10/28/2013	4:55 PM	5:05 PM	10	Checking Analyzer	Manual Calibration	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
10/7/2013	6:46 AM	6:52 AM	6	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration	On Hazardous Waste
10/26/2013	6:35 AM	6:40 AM	5	OTHER ANALYZER WORK DONE (THC #1)	None - Checked well	On Fuels
10/27/2013	7:03 AM	7:15 AM	12	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,551	
TOTAL DOWNTIME OF CEM SYSTEM:					71	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					71	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,480	
SYSTEM AVAILABILITY					99.9%	
Cells with this format is not counted toward source operating time.						

California Analytical Instruments
Model: 600-CLD
SN: U12052

NOX Monitor Preventative Maintenance

Date	Duration	Activity
TOTAL		
(e.g., blowback,manual adjustment to monitors,etc.)		
No preventative maintenance had to be performed on monitors this quarter.		

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Exceedance Summary

EMISSION LIMIT; 20%
SIX-MINUTE STARTING
AT THE TOP OF THE HOUR

Date	MAXIMUM OPACITY	Duration (min)	Reason	Corrective Action
10/25/2013 03:12	20.3	6	Feed - Drum	Reduced Waste Feeds
11/11/2013 13:42	21.7	6	Maintenance - Activity	Cleaned Lens
11/18/2013 10:36	35.1	12	Maintenance - Activity	Cleaned Lens
11/21/2013 13:12	37.2	24	Maintenance - Activity	Cleaned Lens
		48	Total Minutes	

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Exceedance

EMISSION LIMIT: 20%
SIX-MINUTE STARTING
AT THE TOP OF THE HOUR

	Date	% Opacity	Cause of Exceeedance	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	10/25/2013 03:12	20.34	Feed - Drum	Reduced Waste Feeds	Waste	Yes	No
2	11/11/2013 13:42	21.67	Maintenance - Activity	Cleaned Lens	Waste	Yes	No
3	11/18/2013 10:36	35.13	Maintenance - Activity	Cleaned Lens	Waste	Yes	No
4	11/18/2013 10:42	23.29	Maintenance - Activity	Cleaned Lens	Waste	Yes	No
5	11/21/2013 13:12	21.65	Stack Audit	None	Waste	Yes	No
6	11/21/2013 13:18	20.40	Stack Audit	None	Waste	Yes	No
7	11/21/2013 13:42	34.51	Stack Audit	None	Waste	Yes	No
8	11/21/2013 13:48	37.16	Stack Audit	None	Waste	Yes	No
		8	Total 6-Minute Averages in Exceedance				
		4	Number of Events				

Flows-Opacity - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		16-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
02-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		17-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
03-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		18-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
04-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		19-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
05-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		20-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
06-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		21-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
07-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		22-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
08-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		23-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
09-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		24-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
10-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		25-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
11-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		26-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
12-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		27-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
13-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		28-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
14-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		29-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
15-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		30-Nov-13	06:16 AM	06:23 AM	7	Calibration Check
16-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		01-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
17-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		02-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
18-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		03-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
19-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		04-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
20-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		05-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
21-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		06-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
22-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		07-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
23-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		08-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
24-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		09-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
25-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		10-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
26-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		11-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
27-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		12-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
28-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		13-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
29-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		14-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
30-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		15-Dec-13	05:47 AM	05:54 AM	7	Calibration Check
31-Oct-13	06:16 AM	06:23 AM	7	Calibration Check		16-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
01-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		17-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
02-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		18-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
03-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		19-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
04-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		20-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
05-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		21-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
06-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		22-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
07-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		23-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
08-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		24-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
09-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		25-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
10-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		26-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
11-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		27-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
12-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		28-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
13-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		29-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
14-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		30-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
15-Nov-13	06:16 AM	06:23 AM	7	Calibration Check		31-Dec-13	06:16 AM	06:23 AM	7	Calibration Check
			Minutes						Minutes	
			322						322	
Total minutes for quality assurance:										
			Minutes							
			644							

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Date	Start Time	End Time	Duration	Reason	Action
WORK ON THIS ANALYZER					
OUT OF CONTROL PERIODS					
SYSTEM RECALIBRATIONS					
MONITOR EQUIPMENT MALFUNCTION					
OTHER ANALYZER WORK AFFECTING THIS ANALYZER					
				Other	
UNRECORDED TIME (MISSING MINUTES)					
TOTAL MINUTES IN QUARTER:					**132,480**
TOTAL OPERATING TIME OF SOURCE:					**130,551**
TOTAL DOWNTIME OF CEM SYSTEM:					**0**
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**0**
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**130,551**
SYSTEM AVAILABILITY					**100.0%**
Cells with this format is not counted toward source operating time.					

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Incinerator Operation

OPACITY MONITOR
PREVENTIVE MAINTENANCE

Date	Duration	Activity
18-Nov-13	20	Cleaning
21-Nov-13	120	Audit
Total Minutes:	140	
(e.g., blowback, manual adjustment to monitor)		

Emissions Limits:
95.26 Tons/Year

CO EXCESS
EMISSIONS REPORT

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Time	Lb/MMBtu	Incinerator Operation	Reason	Corrective Action
				NO EVENTS	
Total CO emissions for the quarter:					
		lbs	tons		
		6998	3.50		

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-13	07:51 AM	07:56 AM	5	Calibration Check		15-Nov-13	07:13 AM	07:23 AM	10	Calibration Check
02-Oct-13	08:20 AM	08:31 AM	11	Calibration Check		16-Nov-13	11:30 AM	11:40 AM	10	Calibration Check
03-Oct-13	07:36 AM	07:47 AM	11	Calibration Check		17-Nov-13	10:35 AM	10:46 AM	11	Calibration Check
03-Oct-13	08:27 AM	08:32 AM	5	Recalibration		18-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
04-Oct-13	07:24 AM	07:35 AM	11	Calibration Check		19-Nov-13	06:54 AM	06:59 AM	5	Calibration Check
05-Oct-13	07:14 AM	07:24 AM	10	Calibration Check		20-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
06-Oct-13	05:31 AM	05:42 AM	11	Calibration Check		21-Nov-13	06:54 AM	07:04 AM	10	Calibration Check
07-Oct-13	07:32 AM	07:42 AM	10	Calibration Check		22-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
08-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		23-Nov-13	06:50 AM	07:00 AM	10	Calibration Check
09-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		24-Nov-13	06:55 AM	07:05 AM	10	Calibration Check
10-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		25-Nov-13	06:03 AM	06:13 AM	10	Calibration Check
11-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		26-Nov-13	08:09 AM	08:20 AM	11	Calibration Check
12-Oct-13	09:44 AM	09:55 AM	11	Calibration Check		27-Nov-13	08:55 AM	09:06 AM	11	Calibration Check
13-Oct-13	10:01 AM	10:12 AM	11	Calibration Check		28-Nov-13	06:08 AM	06:18 AM	10	Calibration Check
14-Oct-13	06:06 AM	06:16 AM	10	Calibration Check		29-Nov-13	06:40 AM	06:51 AM	11	Calibration Check
15-Oct-13	06:05 AM	06:15 AM	10	Calibration Check		30-Nov-13	07:52 AM	08:02 AM	10	Calibration Check
16-Oct-13	05:31 AM	05:42 AM	11	Calibration Check		01-Dec-13	06:48 AM	06:58 AM	10	Calibration Check
17-Oct-13	05:39 AM	05:49 AM	10	Calibration Check		02-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
18-Oct-13	07:42 AM	07:53 AM	11	Calibration Check		03-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
19-Oct-13	06:12 AM	06:23 AM	11	Calibration Check		04-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
20-Oct-13	07:35 AM	07:46 AM	11	Calibration Check		05-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
21-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		06-Dec-13	06:57 AM	07:08 AM	11	Calibration Check
22-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		07-Dec-13	07:46 AM	07:57 AM	11	Calibration Check
23-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		08-Dec-13	08:21 AM	08:32 AM	11	Calibration Check
24-Oct-13	06:50 AM	07:00 AM	10	Calibration Check		09-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
25-Oct-13	07:06 AM	07:17 AM	11	Calibration Check		10-Dec-13	07:11 AM	07:22 AM	11	Calibration Check
26-Oct-13	07:33 AM	07:38 AM	5	Calibration Check		11-Dec-13	07:58 AM	08:09 AM	11	Calibration Check
27-Oct-13	08:07 AM	08:17 AM	10	Calibration Check		12-Dec-13	07:07 AM	07:17 AM	10	Calibration Check
28-Oct-13	09:01 AM	09:11 AM	10	Calibration Check		13-Dec-13	07:09 AM	07:20 AM	11	Calibration Check
29-Oct-13	07:34 AM	07:45 AM	11	Calibration Check		14-Dec-13	12:20 PM	12:30 PM	10	Calibration Check
30-Oct-13	08:31 AM	08:42 AM	11	Calibration Check		15-Dec-13	05:29 AM	05:40 AM	11	Calibration Check
31-Oct-13	07:56 AM	08:07 AM	11	Calibration Check		16-Dec-13	06:47 AM	06:57 AM	10	Calibration Check
01-Nov-13	08:32 AM	08:43 AM	11	Calibration Check		17-Dec-13	06:38 AM	06:49 AM	11	Calibration Check
02-Nov-13	09:32 AM	09:43 AM	11	Calibration Check		18-Dec-13	06:19 AM	06:29 AM	10	Calibration Check
03-Nov-13	06:04 AM	06:15 AM	11	Calibration Check		19-Dec-13	07:13 AM	07:24 AM	11	Calibration Check
04-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		20-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
05-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		21-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
06-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		22-Dec-13	08:46 AM	08:57 AM	11	Calibration Check
07-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		23-Dec-13	08:46 AM	08:57 AM	11	Calibration Check
08-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		24-Dec-13	10:35 AM	10:45 AM	10	Calibration Check
09-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		25-Dec-13	08:29 AM	08:39 AM	10	Calibration Check
10-Nov-13	06:50 AM	07:00 AM	10	Calibration Check		26-Dec-13	10:38 AM	10:49 AM	11	Calibration Check
11-Nov-13	06:47 AM	06:58 AM	11	Calibration Check		27-Dec-13	08:04 AM	08:15 AM	11	Calibration Check
12-Nov-13	07:11 AM	07:22 AM	11	Calibration Check		28-Dec-13	07:48 AM	07:59 AM	11	Calibration Check
13-Nov-13	07:23 AM	07:31 AM	8	Calibration Check		29-Dec-13	06:03 AM	06:13 AM	10	Calibration Check
14-Nov-13	06:37 AM	06:48 AM	11	Calibration Check		30-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
						31-Dec-13	06:50 AM	07:00 AM	10	Calibration Check
			Minutes						Minutes	
			463						483	
Total minutes for quality assurance:										
			Minutes							
			946							

CO Monitor
Stack #2
Downtime

Thermo Scientificl
Model: 48i
Serial Numbers:
CM10360078

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
				Stack #2 - CO		
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
10/3/2013	8:27 AM	8:32 AM	5	Stack Re-Calibration	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,551	
TOTAL DOWNTIME OF CEM SYSTEM:					5	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					5	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,546	
SYSTEM AVAILABILITY					100.0%	
Cells with this format is not counted toward source operating time.						

CO Monitor
Stack #2
Preventative
Maintenance

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

Date	Duration	Activity
TOTAL		
(e.g., blowback,manual adjustment to monitors,etc.)		
No preventative maintenance had to be performed on monitors this quarter.		