HERITAGE THERMAL SERVICES

HERITAGE THERMAL SERVICES
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East Liverpool, Ohio 43920-3400
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OHSAS 18001: 2007
ISO 14001: 2004
ISO 9001: 2008

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

January 30, 2015
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
4TH QUARTER 2014
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, 2014**.

"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

Key Words: Air / Quarterly Report /4th Quarter 2015 EER

File Name: Environ\Vince\EER Quarterly\144Q\ eer cover 144Q.doc

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
10/01/2014 00:00	10/01/2014 10:03	604	On Hazardous Waste
10/01/2014 10:04	10/01/2014 11:09	66	Retention
10/01/2014 11:10	10/01/2014 11:26	17	On Hazardous Waste
10/01/2014 11:27	10/01/2014 12:25	59	Retention
10/01/2014 12:26	10/01/2014 21:04	519	On Hazardous Waste
10/01/2014 21:05	10/01/2014 22:05	61	Retention
10/01/2014 22:06	10/03/2014 14:07	2402	On Hazardous Waste
10/03/2014 14:08	10/03/2014 15:29	82	Retention
10/03/2014 15:30	10/04/2014 18:11	1602	On Hazardous Waste
10/04/2014 18:12	10/04/2014 19:10	59	Retention
10/04/2014 19:11	10/06/2014 19:34	2904	On Hazardous Waste
10/06/2014 19:35	10/06/2014 19:38	4	Retention
10/06/2014 19:39	10/07/2014 20:53	1515	On Hazardous Waste
10/07/2014 20:54	10/07/2014 20:59	6	Retention
10/07/2014 21:00	10/08/2014 03:23	384	On Hazardous Waste
10/08/2014 03:24	10/08/2014 04:02	39	Retention
10/08/2014 04:03	10/08/2014 09:52	350	On Hazardous Waste
10/08/2014 09:53	10/08/2014 11:15	83	Retention
10/08/2014 11:16	10/09/2014 19:40	1945	On Hazardous Waste
10/09/2014 19:41	10/09/2014 20:13	33	Retention
10/09/2014 20:14	10/11/2014 01:37	1764	On Hazardous Waste
10/11/2014 01:38	10/11/2014 01:50	13	Retention
10/11/2014 01:51	10/11/2014 17:03	913	On Hazardous Waste
10/11/2014 17:04	10/11/2014 18:05	62	Retention
10/11/2014 18:06	10/13/2014 11:57	2512	On Hazardous Waste
10/13/2014 11:58	10/13/2014 12:25	28	Retention
10/13/2014 12:26	10/14/2014 04:03	938	On Hazardous Waste
10/14/2014 04:04	10/14/2014 05:01	58	Retention
10/14/2014 05:02	10/20/2014 11:09	9008	On Hazardous Waste
10/20/2014 11:10	10/20/2014 12:01	52	Retention
10/20/2014 12:02	10/21/2014 07:05	1144	On Hazardous Waste
10/21/2014 07:06	10/21/2014 07:55	50	Retention
10/21/2014 07:56	10/22/2014 17:17	2002	On Hazardous Waste
10/22/2014 17:18	10/22/2014 18:15	58	Retention
10/22/2014 18:16	10/25/2014 14:53	4118	On Hazardous Waste
10/25/2014 14:54	10/25/2014 15:00	7	Retention
10/25/2014 15:01	10/26/2014 12:06	1266	On Hazardous Waste
10/26/2014 12:07	10/26/2014 13:05	59	Retention
10/26/2014 13:06	10/27/2014 00:52	707	On Hazardous Waste
10/27/2014 00:53	10/27/2014 01:50	58	Retention
10/27/2014 01:51	11/02/2014 14:53	9423	On Hazardous Waste
11/02/2014 14:54	11/02/2014 14:55	2	Retention
11/02/2014 14:56	11/05/2014 19:55	4620	On Hazardous Waste
11/05/2014 19:56	11/05/2014 20:36	41	Retention
11/05/2014 20:37	11/06/2014 19:12	1356	On Hazardous Waste
11/06/2014 19:13	11/06/2014 19:29	17	Retention
11/06/2014 19:30	11/09/2014 19:36	4327	On Hazardous Waste
11/09/2014 19:37	11/09/2014 19:47	11	Retention
11/09/2014 19:48	11/12/2014 22:35	4488	On Hazardous Waste
11/12/2014 22:36	11/12/2014 23:24	49	Retention
11/12/2014 23:25	11/18/2014 13:23	8039	On Hazardous Waste
11/18/2014 13:24	11/18/2014 13:25	2	Retention
11/18/2014 13:26	11/19/2014 00:17	652	On Hazardous Waste
11/19/2014 00:18	11/19/2014 00:46	29	Retention
11/19/2014 00:47	11/22/2014 02:33	4427	On Hazardous Waste
11/22/2014 02:34	11/22/2014 03:17	44	Retention
11/22/2014 03:18	11/22/2014 03:20	3	On Hazardous Waste
11/22/2014 03:21	11/22/2014 03:35	15	Retention
11/22/2014 03:36	11/26/2014 11:20	6225	On Hazardous Waste
11/26/2014 11:21	11/26/2014 12:20	60	Retention
11/26/2014 12:21	11/28/2014 12:04	2864	On Hazardous Waste
11/28/2014 12:05	11/28/2014 13:20	76	Retention

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
11/28/2014 13:21	11/29/2014 14:40	1520	On Hazardous Waste
11/29/2014 14:41	11/29/2014 15:38	58	Retention
11/29/2014 15:39	11/30/2014 04:38	780	On Hazardous Waste
11/30/2014 04:39	12/01/2014 11:05	1827	Offline
12/01/2014 11:06	12/02/2014 01:04	839	On Virgin Fuels
12/02/2014 01:05	12/02/2014 01:05	1	On Hazardous Waste
12/02/2014 01:06	12/02/2014 01:07	2	On Virgin Fuels
12/02/2014 01:08	12/02/2014 21:20	1213	On Hazardous Waste
12/02/2014 21:21	12/02/2014 22:11	51	Retention
12/02/2014 22:12	12/05/2014 09:10	3539	On Hazardous Waste
12/05/2014 09:11	12/05/2014 09:44	34	Retention
12/05/2014 09:45	12/08/2014 14:29	4605	On Hazardous Waste
12/08/2014 14:30	12/08/2014 15:30	61	Retention
12/08/2014 15:31	12/09/2014 19:18	1668	On Hazardous Waste
12/09/2014 19:19	12/09/2014 20:18	60	Retention
12/09/2014 20:19	12/17/2014 12:10	11032	On Hazardous Waste
12/17/2014 12:11	12/17/2014 12:33	23	Retention
12/17/2014 12:34	12/20/2014 10:35	4202	On Hazardous Waste
12/20/2014 10:36	12/20/2014 11:34	59	Retention
12/20/2014 11:35	12/26/2014 11:52	8658	On Hazardous Waste
12/26/2014 11:53	12/26/2014 12:56	64	Retention
12/26/2014 12:57	12/31/2014 23:59	7863	On Hazardous Waste
		128119	On Hazardous Waste
		1693	Retention
		841	On Virgin Fuels
		1827	Offline
		0	Missing
		132480	Total
		132480	Minutes in Quarter

Temperature is Report on a One Hour Average

Kiln Temperature < 1718 Summary

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	

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?
		0	Total Minutes in Exceedance				
		0	Number of Events				

Temperature is Report on a One Hour Average

SCC Temperature < 1747 Summary

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
12/05/2014 09:23	1682.4	22	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit
		22	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	12/05/2014 09:23	1743.34	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
2	12/05/2014 09:24	1734.78	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
3	12/05/2014 09:25	1727.94	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
4	12/05/2014 09:26	1727.94	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
5	12/05/2014 09:27	1721.88	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
6	12/05/2014 09:28	1709.13	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
7	12/05/2014 09:29	1709.13	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
8	12/05/2014 09:30	1702.66	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
9	12/05/2014 09:31	1696.84	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
10	12/05/2014 09:32	1692.22	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
11	12/05/2014 09:33	1689.06	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
12	12/05/2014 09:34	1686.38	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
13	12/05/2014 09:35	1686.38	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
14	12/05/2014 09:36	1685.56	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
15	12/05/2014 09:37	1684.69	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
16	12/05/2014 09:38	1683.50	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
17	12/05/2014 09:39	1682.41	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
18	12/05/2014 09:40	1683.03	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
19	12/05/2014 09:41	1683.03	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
20	12/05/2014 09:42	1687.25	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
21	12/05/2014 09:43	1687.25	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
22	12/05/2014 09:44	1689.97	Malfunction - ID Fan Shutdown	Corrected Problem - Restarted Unit	Retention	Yes	Yes
		22	Total Minutes in Exceedance				
		1	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				
10/01/2014 10:04	18.9	58	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.
10/01/2014 11:26	11.6	56	Operator Error- Feed Prep	Restarted Unit. Reduced Charges
10/01/2014 21:04	10.8	57	Operator Error - Poor Operation	Restarted Unit
10/03/2014 14:07	32.7	76	Operator Error- Feed Prep	Restarted Unit. Reduced Charges
10/04/2014 18:11	15.2	60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/07/2014 20:53	10.5	7	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/08/2014 03:23	10.6	12	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/08/2014 09:52	10.6	43	Operator Error Line Flush	Restarted unit. Revised feed instruction.
10/11/2014 01:37	11.8	11	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/11/2014 17:03	25.6	62	Operator Error Feed Mix	Restarted unit. Revised feed instruction.
10/13/2014 11:57	10.5	3	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/14/2014 04:03	15.5	59	Operator Error Feed Prep	Restarted unit. Corrected issue.
10/20/2014 11:09	12.4	52	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/22/2014 17:17	10.1	57	Operator Error Feed Prep	Restarted unit. Revised feed instruction.
10/26/2014 12:06	12.0	59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
10/27/2014 00:52	16.6	58	Malfunction Lance Slagging	Cleared lance. Restarted unit.
11/05/2014 19:55	12.9	40	Operator Error Line Flush	Restarted unit. Install indicator light
11/06/2014 19:12	11.8	18	Operator Error Line Flush	Restarted unit. Install indicator light
11/12/2014 22:35	12.4	45	Malfunction Lance Plugging	Cleared lance. Restarted unit.
11/26/2014 11:20	12.2	58	Operator Error Feed Prep	Restarted Unit. Reduced Charges
11/29/2014 14:40	15.1	59	Operator Error Feed Prep	Restarted Unit. Reduced Charges
12/08/2014 14:30	18.7	60	Operator Error Feed Mix	Restarted unit. Spaced out charges.
12/09/2014 19:18	14.0	59	Malfunction Lance Plugging	Cleared lance. Restarted unit.
12/17/2014 12:10	10.1	9	Operator Error Feed Mix	Restarted unit. Spaced out charges.
12/20/2014 10:35	18.0	60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
12/26/2014 11:52	23.0	61	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		1199	Total Minutes	
Fuels				
		0	Total Minutes	

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
Waste

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	10/01/2014 10:04	10.07	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
2	10/01/2014 10:05	10.94	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
3	10/01/2014 10:06	11.68	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
4	10/01/2014 10:07	12.02	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
5	10/01/2014 10:08	12.60	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
6	10/01/2014 10:09	12.81	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
7	10/01/2014 10:10	15.89	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
8	10/01/2014 10:11	17.10	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
9	10/01/2014 10:12	17.51	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
10	10/01/2014 10:13	17.68	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
11	10/01/2014 10:14	17.73	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
12	10/01/2014 10:15	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
13	10/01/2014 10:16	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
14	10/01/2014 10:17	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
15	10/01/2014 10:18	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
16	10/01/2014 10:19	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
17	10/01/2014 10:20	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
18	10/01/2014 10:21	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
19	10/01/2014 10:22	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
20	10/01/2014 10:23	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
21	10/01/2014 10:24	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
22	10/01/2014 10:25	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
23	10/01/2014 10:26	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
24	10/01/2014 10:27	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
25	10/01/2014 10:28	17.75	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
26	10/01/2014 10:29	17.98	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
27	10/01/2014 10:30	18.27	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
28	10/01/2014 10:31	18.32	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
29	10/01/2014 10:32	18.38	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
30	10/01/2014 10:33	18.56	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
31	10/01/2014 10:34	18.57	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
32	10/01/2014 10:35	18.59	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
33	10/01/2014 10:36	18.66	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
34	10/01/2014 10:37	18.66	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
35	10/01/2014 10:38	18.76	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
36	10/01/2014 10:39	18.91	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
37	10/01/2014 10:40	18.93	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
38	10/01/2014 10:41	18.93	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
39	10/01/2014 10:42	18.48	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
40	10/01/2014 10:43	18.06	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
41	10/01/2014 10:44	17.35	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
42	10/01/2014 10:45	17.08	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
43	10/01/2014 10:46	17.00	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
44	10/01/2014 10:47	17.02	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
45	10/01/2014 10:48	17.04	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
46	10/01/2014 10:49	17.04	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
47	10/01/2014 10:50	17.06	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
48	10/01/2014 10:51	17.05	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
49	10/01/2014 10:52	16.85	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
50	10/01/2014 10:53	16.56	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
51	10/01/2014 10:54	15.81	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
52	10/01/2014 10:55	14.66	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
53	10/01/2014 10:56	14.24	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
54	10/01/2014 10:57	13.26	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
55	10/01/2014 10:58	11.89	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
56	10/01/2014 10:59	11.34	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
57	10/01/2014 11:00	10.34	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
58	10/01/2014 11:01	10.03	Malfunction - Lance Plugging	Cleared Lance. Restarted unit.	Retention	Yes	Yes
59	10/01/2014 11:26	11.07	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
60	10/01/2014 11:27	11.47	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
61	10/01/2014 11:28	11.57	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
62	10/01/2014 11:29	11.36	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
63	10/01/2014 11:30	11.07	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
64	10/01/2014 11:31	11.01	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
65	10/01/2014 11:32	10.95	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
66	10/01/2014 11:33	10.77	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
67	10/01/2014 11:34	10.76	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
68	10/01/2014 11:35	10.74	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
69	10/01/2014 11:36	10.68	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
Waste

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	10/01/2014 11:37	10.68	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
71	10/01/2014 11:38	10.57	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
72	10/01/2014 11:39	10.42	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
73	10/01/2014 11:40	10.40	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
74	10/01/2014 11:41	10.40	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
75	10/01/2014 11:42	10.37	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
76	10/01/2014 11:43	10.37	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
77	10/01/2014 11:44	10.37	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
78	10/01/2014 11:45	10.32	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
79	10/01/2014 11:46	10.32	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
80	10/01/2014 11:47	10.29	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
81	10/01/2014 11:48	10.27	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
82	10/01/2014 11:49	10.27	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
83	10/01/2014 11:50	10.25	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
84	10/01/2014 11:51	10.24	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
85	10/01/2014 11:52	10.24	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
86	10/01/2014 11:53	10.22	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
87	10/01/2014 11:54	10.22	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
88	10/01/2014 11:55	10.20	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
89	10/01/2014 11:56	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
90	10/01/2014 11:57	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
91	10/01/2014 11:58	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
92	10/01/2014 11:59	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
93	10/01/2014 12:00	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
94	10/01/2014 12:01	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
95	10/01/2014 12:02	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
96	10/01/2014 12:03	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
97	10/01/2014 12:04	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
98	10/01/2014 12:05	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
99	10/01/2014 12:06	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
100	10/01/2014 12:07	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
101	10/01/2014 12:08	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
102	10/01/2014 12:09	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
103	10/01/2014 12:10	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
104	10/01/2014 12:11	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
105	10/01/2014 12:12	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
106	10/01/2014 12:13	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
107	10/01/2014 12:14	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
108	10/01/2014 12:15	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
109	10/01/2014 12:16	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
110	10/01/2014 12:17	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
111	10/01/2014 12:18	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
112	10/01/2014 12:19	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
113	10/01/2014 12:20	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
114	10/01/2014 12:21	10.17	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
115	10/01/2014 21:04	10.61	Operator Error - Poor Operation	Restarted Unit	Waste	Yes	Yes
116	10/01/2014 21:05	10.77	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
117	10/01/2014 21:06	10.81	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
118	10/01/2014 21:07	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
119	10/01/2014 21:08	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
120	10/01/2014 21:09	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
121	10/01/2014 21:10	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
122	10/01/2014 21:11	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
123	10/01/2014 21:12	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
124	10/01/2014 21:13	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
125	10/01/2014 21:14	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
126	10/01/2014 21:15	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
127	10/01/2014 21:16	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
128	10/01/2014 21:17	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
129	10/01/2014 21:18	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
130	10/01/2014 21:19	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
131	10/01/2014 21:20	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
132	10/01/2014 21:21	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
133	10/01/2014 21:22	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
134	10/01/2014 21:23	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
135	10/01/2014 21:24	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
136	10/01/2014 21:25	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
137	10/01/2014 21:26	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
138	10/01/2014 21:27	10.83	Operator Error - Poor Operation	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
Waste

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	10/01/2014 21:28	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
140	10/01/2014 21:29	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
141	10/01/2014 21:30	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
142	10/01/2014 21:31	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
143	10/01/2014 21:32	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
144	10/01/2014 21:33	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
145	10/01/2014 21:34	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
146	10/01/2014 21:35	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
147	10/01/2014 21:36	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
148	10/01/2014 21:37	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
149	10/01/2014 21:38	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
150	10/01/2014 21:39	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
151	10/01/2014 21:40	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
152	10/01/2014 21:41	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
153	10/01/2014 21:42	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
154	10/01/2014 21:43	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
155	10/01/2014 21:44	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
156	10/01/2014 21:45	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
157	10/01/2014 21:46	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
158	10/01/2014 21:47	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
159	10/01/2014 21:48	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
160	10/01/2014 21:49	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
161	10/01/2014 21:50	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
162	10/01/2014 21:51	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
163	10/01/2014 21:52	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
164	10/01/2014 21:53	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
165	10/01/2014 21:54	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
166	10/01/2014 21:55	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
167	10/01/2014 21:56	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
168	10/01/2014 21:57	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
169	10/01/2014 21:58	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
170	10/01/2014 21:59	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
171	10/01/2014 22:00	10.83	Operator Error - Poor Operation	Restarted Unit	Retention	Yes	Yes
172	10/03/2014 14:07	10.80	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
173	10/03/2014 14:08	16.50	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
174	10/03/2014 14:09	19.97	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
175	10/03/2014 14:10	22.25	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
176	10/03/2014 14:11	23.74	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
177	10/03/2014 14:12	25.22	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
178	10/03/2014 14:13	26.48	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
179	10/03/2014 14:14	27.48	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
180	10/03/2014 14:15	28.25	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
181	10/03/2014 14:16	28.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
182	10/03/2014 14:17	29.28	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
183	10/03/2014 14:18	29.53	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
184	10/03/2014 14:19	29.74	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
185	10/03/2014 14:20	29.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
186	10/03/2014 14:21	29.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
187	10/03/2014 14:22	29.92	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
188	10/03/2014 14:23	30.93	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
189	10/03/2014 14:24	31.06	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
190	10/03/2014 14:25	31.18	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
191	10/03/2014 14:26	31.29	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
192	10/03/2014 14:27	31.41	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
193	10/03/2014 14:28	31.52	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
194	10/03/2014 14:29	31.65	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
195	10/03/2014 14:30	31.79	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
196	10/03/2014 14:31	31.94	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
197	10/03/2014 14:32	32.09	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
198	10/03/2014 14:33	32.23	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
199	10/03/2014 14:34	32.33	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
200	10/03/2014 14:35	32.41	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
201	10/03/2014 14:36	32.49	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
202	10/03/2014 14:37	32.56	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
203	10/03/2014 14:38	32.61	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
204	10/03/2014 14:39	32.65	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
205	10/03/2014 14:40	32.67	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
206	10/03/2014 14:41	32.70	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
207	10/03/2014 14:42	32.71	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
Waste

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	10/03/2014 14:43	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
209	10/03/2014 14:44	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
210	10/03/2014 14:45	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
211	10/03/2014 14:46	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
212	10/03/2014 14:47	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
213	10/03/2014 14:48	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
214	10/03/2014 14:49	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
215	10/03/2014 14:50	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
216	10/03/2014 14:51	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
217	10/03/2014 14:52	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
218	10/03/2014 14:53	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
219	10/03/2014 14:54	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
220	10/03/2014 14:55	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
221	10/03/2014 14:56	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
222	10/03/2014 14:57	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
223	10/03/2014 14:58	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
224	10/03/2014 14:59	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
225	10/03/2014 15:00	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
226	10/03/2014 15:01	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
227	10/03/2014 15:02	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
228	10/03/2014 15:03	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
229	10/03/2014 15:04	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
230	10/03/2014 15:05	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
231	10/03/2014 15:06	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
232	10/03/2014 15:07	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
233	10/03/2014 15:08	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
234	10/03/2014 15:09	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
235	10/03/2014 15:10	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
236	10/03/2014 15:11	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
237	10/03/2014 15:12	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
238	10/03/2014 15:13	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
239	10/03/2014 15:14	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
240	10/03/2014 15:15	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
241	10/03/2014 15:16	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
242	10/03/2014 15:17	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
243	10/03/2014 15:18	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
244	10/03/2014 15:19	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
245	10/03/2014 15:20	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
246	10/03/2014 15:21	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
247	10/03/2014 15:22	32.71	Operator Error- Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
248	10/04/2014 18:11	11.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
249	10/04/2014 18:12	14.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
250	10/04/2014 18:13	14.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
251	10/04/2014 18:14	15.18	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
252	10/04/2014 18:15	15.20	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
253	10/04/2014 18:16	15.20	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
254	10/04/2014 18:17	15.20	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
255	10/04/2014 18:18	15.20	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
256	10/04/2014 18:19	15.15	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
257	10/04/2014 18:20	14.72	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
258	10/04/2014 18:21	14.64	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
259	10/04/2014 18:22	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
260	10/04/2014 18:23	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
261	10/04/2014 18:24	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
262	10/04/2014 18:25	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
263	10/04/2014 18:26	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
264	10/04/2014 18:27	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
265	10/04/2014 18:28	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
266	10/04/2014 18:29	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
267	10/04/2014 18:30	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
268	10/04/2014 18:31	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
269	10/04/2014 18:32	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
270	10/04/2014 18:33	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
271	10/04/2014 18:34	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
272	10/04/2014 18:35	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
273	10/04/2014 18:36	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
274	10/04/2014 18:37	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
275	10/04/2014 18:38	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
276	10/04/2014 18:39	14.58	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
Waste

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	10/04/2014 18:40	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
278	10/04/2014 18:41	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
279	10/04/2014 18:42	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
280	10/04/2014 18:43	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
281	10/04/2014 18:44	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
282	10/04/2014 18:45	14.58	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
283	10/04/2014 18:46	14.13	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
284	10/04/2014 18:47	14.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
285	10/04/2014 18:48	14.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
286	10/04/2014 18:49	14.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
287	10/04/2014 18:50	14.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
288	10/04/2014 18:51	14.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
289	10/04/2014 18:52	14.01	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
290	10/04/2014 18:53	13.93	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
291	10/04/2014 18:54	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
292	10/04/2014 18:55	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
293	10/04/2014 18:56	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
294	10/04/2014 18:57	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
295	10/04/2014 18:58	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
296	10/04/2014 18:59	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
297	10/04/2014 19:00	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
298	10/04/2014 19:01	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
299	10/04/2014 19:02	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
300	10/04/2014 19:03	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
301	10/04/2014 19:04	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
302	10/04/2014 19:05	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
303	10/04/2014 19:06	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
304	10/04/2014 19:07	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
305	10/04/2014 19:08	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
306	10/04/2014 19:09	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
307	10/04/2014 19:10	13.90	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
308	10/07/2014 20:53	10.25	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
309	10/07/2014 20:54	10.47	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
310	10/07/2014 20:55	10.50	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
311	10/07/2014 20:56	10.50	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
312	10/07/2014 20:57	10.45	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
313	10/07/2014 20:58	10.45	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
314	10/07/2014 20:59	10.27	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
315	10/08/2014 03:23	10.35	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
316	10/08/2014 03:24	10.52	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
317	10/08/2014 03:25	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
318	10/08/2014 03:26	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
319	10/08/2014 03:27	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
320	10/08/2014 03:28	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
321	10/08/2014 03:29	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
322	10/08/2014 03:30	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
323	10/08/2014 03:31	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
324	10/08/2014 03:32	10.55	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
325	10/08/2014 03:33	10.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
326	10/08/2014 03:34	10.02	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
327	10/08/2014 09:52	10.41	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Waste	Yes	Yes
328	10/08/2014 09:53	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
329	10/08/2014 09:54	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
330	10/08/2014 09:55	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
331	10/08/2014 09:56	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
332	10/08/2014 09:57	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
333	10/08/2014 09:58	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
334	10/08/2014 09:59	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
335	10/08/2014 10:00	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
336	10/08/2014 10:01	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
337	10/08/2014 10:02	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
338	10/08/2014 10:03	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
339	10/08/2014 10:04	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
340	10/08/2014 10:05	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
341	10/08/2014 10:06	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
342	10/08/2014 10:07	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
343	10/08/2014 10:08	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
344	10/08/2014 10:09	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
345	10/08/2014 10:10	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	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
Waste

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	10/08/2014 10:11	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
347	10/08/2014 10:12	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
348	10/08/2014 10:13	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
349	10/08/2014 10:14	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
350	10/08/2014 10:15	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
351	10/08/2014 10:16	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
352	10/08/2014 10:17	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
353	10/08/2014 10:18	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
354	10/08/2014 10:19	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
355	10/08/2014 10:20	10.63	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
356	10/08/2014 10:21	10.51	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
357	10/08/2014 10:22	10.21	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
358	10/08/2014 10:23	10.18	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
359	10/08/2014 10:24	10.18	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
360	10/08/2014 10:25	10.18	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
361	10/08/2014 10:26	10.17	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
362	10/08/2014 10:27	10.17	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
363	10/08/2014 10:28	10.17	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
364	10/08/2014 10:29	10.10	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
365	10/08/2014 10:30	10.10	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
366	10/08/2014 10:31	10.10	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
367	10/08/2014 10:32	10.10	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
368	10/08/2014 10:33	10.10	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
369	10/08/2014 10:34	10.01	Operator Error Line Flush	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
370	10/11/2014 01:37	10.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
371	10/11/2014 01:38	11.56	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
372	10/11/2014 01:39	11.76	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
373	10/11/2014 01:40	11.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
374	10/11/2014 01:41	11.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
375	10/11/2014 01:42	11.78	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
376	10/11/2014 01:43	11.19	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
377	10/11/2014 01:44	10.34	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
378	10/11/2014 01:45	10.12	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
379	10/11/2014 01:46	10.07	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
380	10/11/2014 01:47	10.06	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
381	10/11/2014 17:03	11.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Waste	Yes	Yes
382	10/11/2014 17:04	13.72	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
383	10/11/2014 17:05	17.67	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
384	10/11/2014 17:06	21.95	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
385	10/11/2014 17:07	24.43	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
386	10/11/2014 17:08	25.20	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
387	10/11/2014 17:09	25.52	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
388	10/11/2014 17:10	25.60	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
389	10/11/2014 17:11	25.60	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
390	10/11/2014 17:12	25.60	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
391	10/11/2014 17:13	25.60	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
392	10/11/2014 17:14	25.60	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
393	10/11/2014 17:15	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
394	10/11/2014 17:16	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
395	10/11/2014 17:17	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
396	10/11/2014 17:18	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
397	10/11/2014 17:19	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
398	10/11/2014 17:20	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
399	10/11/2014 17:21	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
400	10/11/2014 17:22	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
401	10/11/2014 17:23	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
402	10/11/2014 17:24	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
403	10/11/2014 17:25	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
404	10/11/2014 17:26	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
405	10/11/2014 17:27	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
406	10/11/2014 17:28	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
407	10/11/2014 17:29	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
408	10/11/2014 17:30	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
409	10/11/2014 17:31	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
410	10/11/2014 17:32	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
411	10/11/2014 17:33	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
412	10/11/2014 17:34	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
413	10/11/2014 17:35	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
414	10/11/2014 17:36	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	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
Waste

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	10/11/2014 17:37	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
416	10/11/2014 17:38	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
417	10/11/2014 17:39	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
418	10/11/2014 17:40	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
419	10/11/2014 17:41	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
420	10/11/2014 17:42	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
421	10/11/2014 17:43	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
422	10/11/2014 17:44	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
423	10/11/2014 17:45	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
424	10/11/2014 17:46	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
425	10/11/2014 17:47	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
426	10/11/2014 17:48	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
427	10/11/2014 17:49	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
428	10/11/2014 17:50	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
429	10/11/2014 17:51	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
430	10/11/2014 17:52	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
431	10/11/2014 17:53	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
432	10/11/2014 17:54	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
433	10/11/2014 17:55	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
434	10/11/2014 17:56	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
435	10/11/2014 17:57	25.65	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
436	10/11/2014 17:58	23.59	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
437	10/11/2014 17:59	22.37	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
438	10/11/2014 18:00	20.88	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
439	10/11/2014 18:01	19.72	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
440	10/11/2014 18:02	16.04	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
441	10/11/2014 18:03	14.00	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
442	10/11/2014 18:04	11.93	Operator Error Feed Mix	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
443	10/13/2014 11:57	10.40	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
444	10/13/2014 11:58	10.48	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
445	10/13/2014 11:59	10.24	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
446	10/14/2014 04:03	13.81	Operator Error Feed Prep	Restarted unit. Corrected issue.	Waste	Yes	Yes
447	10/14/2014 04:04	15.06	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
448	10/14/2014 04:05	15.44	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
449	10/14/2014 04:06	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
450	10/14/2014 04:07	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
451	10/14/2014 04:08	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
452	10/14/2014 04:09	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
453	10/14/2014 04:10	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
454	10/14/2014 04:11	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
455	10/14/2014 04:12	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
456	10/14/2014 04:13	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
457	10/14/2014 04:14	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
458	10/14/2014 04:15	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
459	10/14/2014 04:16	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
460	10/14/2014 04:17	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
461	10/14/2014 04:18	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
462	10/14/2014 04:19	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
463	10/14/2014 04:20	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
464	10/14/2014 04:21	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
465	10/14/2014 04:22	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
466	10/14/2014 04:23	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
467	10/14/2014 04:24	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
468	10/14/2014 04:25	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
469	10/14/2014 04:26	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
470	10/14/2014 04:27	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
471	10/14/2014 04:28	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
472	10/14/2014 04:29	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
473	10/14/2014 04:30	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
474	10/14/2014 04:31	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
475	10/14/2014 04:32	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
476	10/14/2014 04:33	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
477	10/14/2014 04:34	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
478	10/14/2014 04:35	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
479	10/14/2014 04:36	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
480	10/14/2014 04:37	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
481	10/14/2014 04:38	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
482	10/14/2014 04:39	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
483	10/14/2014 04:40	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	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
Waste

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	10/14/2014 04:41	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
485	10/14/2014 04:42	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
486	10/14/2014 04:43	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
487	10/14/2014 04:44	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
488	10/14/2014 04:45	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
489	10/14/2014 04:46	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
490	10/14/2014 04:47	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
491	10/14/2014 04:48	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
492	10/14/2014 04:49	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
493	10/14/2014 04:50	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
494	10/14/2014 04:51	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
495	10/14/2014 04:52	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
496	10/14/2014 04:53	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
497	10/14/2014 04:54	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
498	10/14/2014 04:55	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
499	10/14/2014 04:56	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
500	10/14/2014 04:57	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
501	10/14/2014 04:58	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
502	10/14/2014 04:59	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
503	10/14/2014 05:00	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
504	10/14/2014 05:01	15.51	Operator Error Feed Prep	Restarted unit. Corrected issue.	Retention	Yes	Yes
505	10/20/2014 11:09	11.77	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
506	10/20/2014 11:10	12.29	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
507	10/20/2014 11:11	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
508	10/20/2014 11:12	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
509	10/20/2014 11:13	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
510	10/20/2014 11:14	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
511	10/20/2014 11:15	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
512	10/20/2014 11:16	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
513	10/20/2014 11:17	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
514	10/20/2014 11:18	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
515	10/20/2014 11:19	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
516	10/20/2014 11:20	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
517	10/20/2014 11:21	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
518	10/20/2014 11:22	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
519	10/20/2014 11:23	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
520	10/20/2014 11:24	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
521	10/20/2014 11:25	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
522	10/20/2014 11:26	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
523	10/20/2014 11:27	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
524	10/20/2014 11:28	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
525	10/20/2014 11:29	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
526	10/20/2014 11:30	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
527	10/20/2014 11:31	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
528	10/20/2014 11:32	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
529	10/20/2014 11:33	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
530	10/20/2014 11:34	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
531	10/20/2014 11:35	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
532	10/20/2014 11:36	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
533	10/20/2014 11:37	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
534	10/20/2014 11:38	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
535	10/20/2014 11:39	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
536	10/20/2014 11:40	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
537	10/20/2014 11:41	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
538	10/20/2014 11:42	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
539	10/20/2014 11:43	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
540	10/20/2014 11:44	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
541	10/20/2014 11:45	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
542	10/20/2014 11:46	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
543	10/20/2014 11:47	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
544	10/20/2014 11:48	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
545	10/20/2014 11:49	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
546	10/20/2014 11:50	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
547	10/20/2014 11:51	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
548	10/20/2014 11:52	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
549	10/20/2014 11:53	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
550	10/20/2014 11:54	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
551	10/20/2014 11:55	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
552	10/20/2014 11:56	12.36	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
Waste

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	10/20/2014 11:57	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
554	10/20/2014 11:58	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
555	10/20/2014 11:59	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
556	10/20/2014 12:00	12.36	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
557	10/22/2014 17:17	10.01	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Waste	Yes	Yes
558	10/22/2014 17:18	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
559	10/22/2014 17:19	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
560	10/22/2014 17:20	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
561	10/22/2014 17:21	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
562	10/22/2014 17:22	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
563	10/22/2014 17:23	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
564	10/22/2014 17:24	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
565	10/22/2014 17:25	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
566	10/22/2014 17:26	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
567	10/22/2014 17:27	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
568	10/22/2014 17:28	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
569	10/22/2014 17:29	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
570	10/22/2014 17:30	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
571	10/22/2014 17:31	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
572	10/22/2014 17:32	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
573	10/22/2014 17:33	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
574	10/22/2014 17:34	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
575	10/22/2014 17:35	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
576	10/22/2014 17:36	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
577	10/22/2014 17:37	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
578	10/22/2014 17:38	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
579	10/22/2014 17:39	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
580	10/22/2014 17:40	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
581	10/22/2014 17:41	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
582	10/22/2014 17:42	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
583	10/22/2014 17:43	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
584	10/22/2014 17:44	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
585	10/22/2014 17:45	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
586	10/22/2014 17:46	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
587	10/22/2014 17:47	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
588	10/22/2014 17:48	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
589	10/22/2014 17:49	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
590	10/22/2014 17:50	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
591	10/22/2014 17:51	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
592	10/22/2014 17:52	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
593	10/22/2014 17:53	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
594	10/22/2014 17:54	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
595	10/22/2014 17:55	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
596	10/22/2014 17:56	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
597	10/22/2014 17:57	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
598	10/22/2014 17:58	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
599	10/22/2014 17:59	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
600	10/22/2014 18:00	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
601	10/22/2014 18:01	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
602	10/22/2014 18:02	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
603	10/22/2014 18:03	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
604	10/22/2014 18:04	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
605	10/22/2014 18:05	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
606	10/22/2014 18:06	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
607	10/22/2014 18:07	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
608	10/22/2014 18:08	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
609	10/22/2014 18:09	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
610	10/22/2014 18:10	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
611	10/22/2014 18:11	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
612	10/22/2014 18:12	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
613	10/22/2014 18:13	10.08	Operator Error Feed Prep	Restarted unit. Revised feed instruction.	Retention	Yes	Yes
614	10/26/2014 12:06	10.64	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
615	10/26/2014 12:07	11.77	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
616	10/26/2014 12:08	12.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
617	10/26/2014 12:09	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
618	10/26/2014 12:10	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
619	10/26/2014 12:11	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
620	10/26/2014 12:12	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
621	10/26/2014 12:13	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes

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

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THC
Excess Emissions Report
Waste

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	10/26/2014 12:14	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
623	10/26/2014 12:15	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
624	10/26/2014 12:16	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
625	10/26/2014 12:17	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
626	10/26/2014 12:18	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
627	10/26/2014 12:19	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
628	10/26/2014 12:20	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
629	10/26/2014 12:21	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
630	10/26/2014 12:22	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
631	10/26/2014 12:23	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
632	10/26/2014 12:24	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
633	10/26/2014 12:25	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
634	10/26/2014 12:26	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
635	10/26/2014 12:27	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
636	10/26/2014 12:28	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
637	10/26/2014 12:29	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
638	10/26/2014 12:30	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
639	10/26/2014 12:31	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
640	10/26/2014 12:32	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
641	10/26/2014 12:33	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
642	10/26/2014 12:34	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
643	10/26/2014 12:35	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
644	10/26/2014 12:36	12.03	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
645	10/26/2014 12:37	11.91	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
646	10/26/2014 12:38	11.88	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
647	10/26/2014 12:39	11.43	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
648	10/26/2014 12:40	10.95	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
649	10/26/2014 12:41	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
650	10/26/2014 12:42	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
651	10/26/2014 12:43	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
652	10/26/2014 12:44	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
653	10/26/2014 12:45	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
654	10/26/2014 12:46	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
655	10/26/2014 12:47	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
656	10/26/2014 12:48	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
657	10/26/2014 12:49	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
658	10/26/2014 12:50	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
659	10/26/2014 12:51	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
660	10/26/2014 12:52	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
661	10/26/2014 12:53	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
662	10/26/2014 12:54	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
663	10/26/2014 12:55	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
664	10/26/2014 12:56	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
665	10/26/2014 12:57	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
666	10/26/2014 12:58	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
667	10/26/2014 12:59	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
668	10/26/2014 13:00	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
669	10/26/2014 13:01	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
670	10/26/2014 13:02	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
671	10/26/2014 13:03	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
672	10/26/2014 13:04	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
673	10/27/2014 00:52	10.51	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Waste	Yes	Yes
674	10/27/2014 00:53	11.58	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
675	10/27/2014 00:54	12.37	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
676	10/27/2014 00:55	14.35	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
677	10/27/2014 00:56	15.94	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
678	10/27/2014 00:57	16.42	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
679	10/27/2014 00:58	16.53	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
680	10/27/2014 00:59	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
681	10/27/2014 01:00	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
682	10/27/2014 01:01	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
683	10/27/2014 01:02	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
684	10/27/2014 01:03	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
685	10/27/2014 01:04	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
686	10/27/2014 01:05	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
687	10/27/2014 01:06	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
688	10/27/2014 01:07	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
689	10/27/2014 01:08	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
690	10/27/2014 01:09	16.55	Malfunction Lance Slagging	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
Waste

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	10/27/2014 01:10	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
692	10/27/2014 01:11	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
693	10/27/2014 01:12	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
694	10/27/2014 01:13	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
695	10/27/2014 01:14	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
696	10/27/2014 01:15	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
697	10/27/2014 01:16	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
698	10/27/2014 01:17	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
699	10/27/2014 01:18	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
700	10/27/2014 01:19	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
701	10/27/2014 01:20	16.55	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
702	10/27/2014 01:21	14.43	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
703	10/27/2014 01:22	13.70	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
704	10/27/2014 01:23	13.52	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
705	10/27/2014 01:24	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
706	10/27/2014 01:25	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
707	10/27/2014 01:26	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
708	10/27/2014 01:27	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
709	10/27/2014 01:28	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
710	10/27/2014 01:29	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
711	10/27/2014 01:30	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
712	10/27/2014 01:31	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
713	10/27/2014 01:32	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
714	10/27/2014 01:33	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
715	10/27/2014 01:34	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
716	10/27/2014 01:35	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
717	10/27/2014 01:36	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
718	10/27/2014 01:37	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
719	10/27/2014 01:38	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
720	10/27/2014 01:39	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
721	10/27/2014 01:40	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
722	10/27/2014 01:41	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
723	10/27/2014 01:42	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
724	10/27/2014 01:43	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
725	10/27/2014 01:44	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
726	10/27/2014 01:45	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
727	10/27/2014 01:46	13.49	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
728	10/27/2014 01:47	13.22	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
729	10/27/2014 01:48	12.58	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
730	10/27/2014 01:49	10.21	Malfunction Lance Slagging	Cleared lance. Restarted unit.	Retention	Yes	Yes
731	11/05/2014 19:55	11.25	Operator Error Line Flush	Restarted unit. Install indicator light	Waste	Yes	Yes
732	11/05/2014 19:56	12.50	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
733	11/05/2014 19:57	12.85	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
734	11/05/2014 19:58	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
735	11/05/2014 19:59	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
736	11/05/2014 20:00	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
737	11/05/2014 20:01	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
738	11/05/2014 20:02	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
739	11/05/2014 20:03	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
740	11/05/2014 20:04	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
741	11/05/2014 20:05	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
742	11/05/2014 20:06	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
743	11/05/2014 20:07	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
744	11/05/2014 20:08	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
745	11/05/2014 20:09	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
746	11/05/2014 20:10	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
747	11/05/2014 20:11	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
748	11/05/2014 20:12	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
749	11/05/2014 20:13	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
750	11/05/2014 20:14	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
751	11/05/2014 20:15	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
752	11/05/2014 20:16	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
753	11/05/2014 20:17	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
754	11/05/2014 20:18	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
755	11/05/2014 20:19	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
756	11/05/2014 20:20	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
757	11/05/2014 20:21	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
758	11/05/2014 20:22	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
759	11/05/2014 20:23	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	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
Waste

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	11/05/2014 20:24	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
761	11/05/2014 20:25	12.94	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
762	11/05/2014 20:26	12.56	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
763	11/05/2014 20:27	12.39	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
764	11/05/2014 20:28	12.38	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
765	11/05/2014 20:29	12.35	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
766	11/05/2014 20:30	12.35	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
767	11/05/2014 20:31	12.35	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
768	11/05/2014 20:32	11.06	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
769	11/05/2014 20:33	10.35	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
770	11/05/2014 20:34	10.14	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
771	11/06/2014 19:12	10.06	Operator Error Line Flush	Restarted unit. Install indicator light	Waste	Yes	Yes
772	11/06/2014 19:13	11.45	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
773	11/06/2014 19:14	11.81	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
774	11/06/2014 19:15	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
775	11/06/2014 19:16	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
776	11/06/2014 19:17	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
777	11/06/2014 19:18	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
778	11/06/2014 19:19	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
779	11/06/2014 19:20	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
780	11/06/2014 19:21	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
781	11/06/2014 19:22	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
782	11/06/2014 19:23	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
783	11/06/2014 19:24	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
784	11/06/2014 19:25	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
785	11/06/2014 19:26	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
786	11/06/2014 19:27	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
787	11/06/2014 19:28	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
788	11/06/2014 19:29	11.84	Operator Error Line Flush	Restarted unit. Install indicator light	Retention	Yes	Yes
789	11/12/2014 22:35	10.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
790	11/12/2014 22:36	11.89	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
791	11/12/2014 22:37	12.35	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
792	11/12/2014 22:38	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
793	11/12/2014 22:39	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
794	11/12/2014 22:40	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
795	11/12/2014 22:41	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
796	11/12/2014 22:42	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
797	11/12/2014 22:43	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
798	11/12/2014 22:44	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
799	11/12/2014 22:45	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
800	11/12/2014 22:46	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
801	11/12/2014 22:47	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
802	11/12/2014 22:48	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
803	11/12/2014 22:49	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
804	11/12/2014 22:50	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
805	11/12/2014 22:51	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
806	11/12/2014 22:52	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
807	11/12/2014 22:53	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
808	11/12/2014 22:54	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
809	11/12/2014 22:55	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
810	11/12/2014 22:56	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
811	11/12/2014 22:57	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
812	11/12/2014 22:58	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
813	11/12/2014 22:59	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
814	11/12/2014 23:00	12.37	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
815	11/12/2014 23:01	11.76	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
816	11/12/2014 23:02	11.35	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
817	11/12/2014 23:03	11.25	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
818	11/12/2014 23:04	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
819	11/12/2014 23:05	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
820	11/12/2014 23:06	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
821	11/12/2014 23:07	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
822	11/12/2014 23:08	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
823	11/12/2014 23:09	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
824	11/12/2014 23:10	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
825	11/12/2014 23:11	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
826	11/12/2014 23:12	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
827	11/12/2014 23:13	11.24	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
828	11/12/2014 23:14	11.20	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
Waste

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?
829	11/12/2014 23:15	11.03	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
830	11/12/2014 23:16	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
831	11/12/2014 23:17	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
832	11/12/2014 23:18	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
833	11/12/2014 23:19	10.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
834	11/26/2014 11:20	10.38	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
835	11/26/2014 11:21	10.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
836	11/26/2014 11:22	10.75	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
837	11/26/2014 11:23	10.73	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
838	11/26/2014 11:24	10.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
839	11/26/2014 11:25	11.28	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
840	11/26/2014 11:26	12.03	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
841	11/26/2014 11:27	12.23	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
842	11/26/2014 11:28	12.24	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
843	11/26/2014 11:29	12.24	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
844	11/26/2014 11:30	12.23	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
845	11/26/2014 11:31	12.21	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
846	11/26/2014 11:32	12.20	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
847	11/26/2014 11:33	12.19	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
848	11/26/2014 11:34	12.18	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
849	11/26/2014 11:35	12.17	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
850	11/26/2014 11:36	12.16	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
851	11/26/2014 11:37	12.15	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
852	11/26/2014 11:38	12.14	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
853	11/26/2014 11:39	12.13	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
854	11/26/2014 11:40	12.13	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
855	11/26/2014 11:41	12.11	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
856	11/26/2014 11:42	12.11	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
857	11/26/2014 11:43	12.10	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
858	11/26/2014 11:44	12.09	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
859	11/26/2014 11:45	12.08	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
860	11/26/2014 11:46	12.07	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
861	11/26/2014 11:47	12.06	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
862	11/26/2014 11:48	12.04	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
863	11/26/2014 11:49	12.03	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
864	11/26/2014 11:50	12.02	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
865	11/26/2014 11:51	12.00	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
866	11/26/2014 11:52	11.99	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
867	11/26/2014 11:53	11.97	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
868	11/26/2014 11:54	11.96	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
869	11/26/2014 11:55	11.94	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
870	11/26/2014 11:56	11.92	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
871	11/26/2014 11:57	11.90	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
872	11/26/2014 11:58	11.88	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
873	11/26/2014 11:59	11.86	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
874	11/26/2014 12:00	11.85	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
875	11/26/2014 12:01	11.84	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
876	11/26/2014 12:02	11.83	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
877	11/26/2014 12:03	11.82	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
878	11/26/2014 12:04	11.80	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
879	11/26/2014 12:05	11.79	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
880	11/26/2014 12:06	11.78	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
881	11/26/2014 12:07	11.77	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
882	11/26/2014 12:08	11.75	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
883	11/26/2014 12:09	11.75	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
884	11/26/2014 12:10	11.74	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
885	11/26/2014 12:11	11.73	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
886	11/26/2014 12:12	11.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
887	11/26/2014 12:13	11.72	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
888	11/26/2014 12:14	11.71	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
889	11/26/2014 12:15	11.70	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
890	11/26/2014 12:16	11.70	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
891	11/26/2014 12:17	11.61	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
892	11/29/2014 14:40	12.97	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Waste	Yes	Yes
893	11/29/2014 14:41	14.63	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
894	11/29/2014 14:42	15.02	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
895	11/29/2014 14:43	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
896	11/29/2014 14:44	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
897	11/29/2014 14:45	15.05	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
Waste

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?
898	11/29/2014 14:46	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
899	11/29/2014 14:47	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
900	11/29/2014 14:48	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
901	11/29/2014 14:49	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
902	11/29/2014 14:50	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
903	11/29/2014 14:51	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
904	11/29/2014 14:52	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
905	11/29/2014 14:53	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
906	11/29/2014 14:54	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
907	11/29/2014 14:55	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
908	11/29/2014 14:56	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
909	11/29/2014 14:57	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
910	11/29/2014 14:58	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
911	11/29/2014 14:59	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
912	11/29/2014 15:00	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
913	11/29/2014 15:01	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
914	11/29/2014 15:02	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
915	11/29/2014 15:03	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
916	11/29/2014 15:04	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
917	11/29/2014 15:05	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
918	11/29/2014 15:06	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
919	11/29/2014 15:07	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
920	11/29/2014 15:08	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
921	11/29/2014 15:09	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
922	11/29/2014 15:10	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
923	11/29/2014 15:11	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
924	11/29/2014 15:12	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
925	11/29/2014 15:13	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
926	11/29/2014 15:14	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
927	11/29/2014 15:15	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
928	11/29/2014 15:16	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
929	11/29/2014 15:17	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
930	11/29/2014 15:18	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
931	11/29/2014 15:19	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
932	11/29/2014 15:20	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
933	11/29/2014 15:21	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
934	11/29/2014 15:22	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
935	11/29/2014 15:23	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
936	11/29/2014 15:24	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
937	11/29/2014 15:25	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
938	11/29/2014 15:26	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
939	11/29/2014 15:27	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
940	11/29/2014 15:28	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
941	11/29/2014 15:29	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
942	11/29/2014 15:30	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
943	11/29/2014 15:31	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
944	11/29/2014 15:32	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
945	11/29/2014 15:33	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
946	11/29/2014 15:34	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
947	11/29/2014 15:35	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
948	11/29/2014 15:36	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
949	11/29/2014 15:37	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
950	11/29/2014 15:38	15.05	Operator Error Feed Prep	Restarted Unit. Reduced Charges	Retention	Yes	Yes
951	12/08/2014 14:30	10.54	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
952	12/08/2014 14:31	16.15	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
953	12/08/2014 14:32	18.09	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
954	12/08/2014 14:33	18.65	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
955	12/08/2014 14:34	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
956	12/08/2014 14:35	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
957	12/08/2014 14:36	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
958	12/08/2014 14:37	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
959	12/08/2014 14:38	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
960	12/08/2014 14:39	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
961	12/08/2014 14:40	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
962	12/08/2014 14:41	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
963	12/08/2014 14:42	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
964	12/08/2014 14:43	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
965	12/08/2014 14:44	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
966	12/08/2014 14:45	18.75	Operator Error Feed Mix	Restarted unit. Spaced out 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
Waste

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?
967	12/08/2014 14:46	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
968	12/08/2014 14:47	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
969	12/08/2014 14:48	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
970	12/08/2014 14:49	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
971	12/08/2014 14:50	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
972	12/08/2014 14:51	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
973	12/08/2014 14:52	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
974	12/08/2014 14:53	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
975	12/08/2014 14:54	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
976	12/08/2014 14:55	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
977	12/08/2014 14:56	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
978	12/08/2014 14:57	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
979	12/08/2014 14:58	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
980	12/08/2014 14:59	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
981	12/08/2014 15:00	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
982	12/08/2014 15:01	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
983	12/08/2014 15:02	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
984	12/08/2014 15:03	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
985	12/08/2014 15:04	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
986	12/08/2014 15:05	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
987	12/08/2014 15:06	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
988	12/08/2014 15:07	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
989	12/08/2014 15:08	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
990	12/08/2014 15:09	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
991	12/08/2014 15:10	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
992	12/08/2014 15:11	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
993	12/08/2014 15:12	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
994	12/08/2014 15:13	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
995	12/08/2014 15:14	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
996	12/08/2014 15:15	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
997	12/08/2014 15:16	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
998	12/08/2014 15:17	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
999	12/08/2014 15:18	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1000	12/08/2014 15:19	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1001	12/08/2014 15:20	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1002	12/08/2014 15:21	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1003	12/08/2014 15:22	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1004	12/08/2014 15:23	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1005	12/08/2014 15:24	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1006	12/08/2014 15:25	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1007	12/08/2014 15:26	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1008	12/08/2014 15:27	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1009	12/08/2014 15:28	18.75	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1010	12/08/2014 15:29	14.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1011	12/09/2014 19:18	11.25	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
1012	12/09/2014 19:19	13.27	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1013	12/09/2014 19:20	13.92	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1014	12/09/2014 19:21	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1015	12/09/2014 19:22	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1016	12/09/2014 19:23	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1017	12/09/2014 19:24	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1018	12/09/2014 19:25	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1019	12/09/2014 19:26	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1020	12/09/2014 19:27	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1021	12/09/2014 19:28	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1022	12/09/2014 19:29	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1023	12/09/2014 19:30	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1024	12/09/2014 19:31	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1025	12/09/2014 19:32	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1026	12/09/2014 19:33	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1027	12/09/2014 19:34	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1028	12/09/2014 19:35	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1029	12/09/2014 19:36	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1030	12/09/2014 19:37	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1031	12/09/2014 19:38	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1032	12/09/2014 19:39	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1033	12/09/2014 19:40	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1034	12/09/2014 19:41	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1035	12/09/2014 19:42	13.99	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
Waste

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?
1036	12/09/2014 19:43	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1037	12/09/2014 19:44	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1038	12/09/2014 19:45	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1039	12/09/2014 19:46	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1040	12/09/2014 19:47	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1041	12/09/2014 19:48	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1042	12/09/2014 19:49	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1043	12/09/2014 19:50	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1044	12/09/2014 19:51	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1045	12/09/2014 19:52	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1046	12/09/2014 19:53	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1047	12/09/2014 19:54	13.99	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1048	12/09/2014 19:55	13.96	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1049	12/09/2014 19:56	13.92	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1050	12/09/2014 19:57	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1051	12/09/2014 19:58	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1052	12/09/2014 19:59	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1053	12/09/2014 20:00	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1054	12/09/2014 20:01	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1055	12/09/2014 20:02	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1056	12/09/2014 20:03	13.90	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1057	12/09/2014 20:04	13.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1058	12/09/2014 20:05	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1059	12/09/2014 20:06	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1060	12/09/2014 20:07	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1061	12/09/2014 20:08	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1062	12/09/2014 20:09	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1063	12/09/2014 20:10	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1064	12/09/2014 20:11	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1065	12/09/2014 20:12	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1066	12/09/2014 20:13	13.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1067	12/09/2014 20:14	13.50	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1068	12/09/2014 20:15	13.06	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1069	12/09/2014 20:16	11.52	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1070	12/17/2014 12:10	10.08	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Waste	Yes	Yes
1071	12/17/2014 12:11	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1072	12/17/2014 12:12	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1073	12/17/2014 12:13	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1074	12/17/2014 12:14	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1075	12/17/2014 12:15	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1076	12/17/2014 12:16	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1077	12/17/2014 12:17	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1078	12/17/2014 12:18	10.12	Operator Error Feed Mix	Restarted unit. Spaced out charges.	Retention	Yes	Yes
1079	12/20/2014 10:35	11.79	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
1080	12/20/2014 10:36	16.12	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1081	12/20/2014 10:37	17.63	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1082	12/20/2014 10:38	17.97	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1083	12/20/2014 10:39	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1084	12/20/2014 10:40	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1085	12/20/2014 10:41	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1086	12/20/2014 10:42	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1087	12/20/2014 10:43	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1088	12/20/2014 10:44	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1089	12/20/2014 10:45	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1090	12/20/2014 10:46	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1091	12/20/2014 10:47	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1092	12/20/2014 10:48	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1093	12/20/2014 10:49	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1094	12/20/2014 10:50	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1095	12/20/2014 10:51	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1096	12/20/2014 10:52	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1097	12/20/2014 10:53	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1098	12/20/2014 10:54	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1099	12/20/2014 10:55	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1100	12/20/2014 10:56	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1101	12/20/2014 10:57	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1102	12/20/2014 10:58	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1103	12/20/2014 10:59	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1104	12/20/2014 11:00	18.00	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
Waste

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?
1105	12/20/2014 11:01	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1106	12/20/2014 11:02	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1107	12/20/2014 11:03	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1108	12/20/2014 11:04	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1109	12/20/2014 11:05	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1110	12/20/2014 11:06	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1111	12/20/2014 11:07	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1112	12/20/2014 11:08	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1113	12/20/2014 11:09	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1114	12/20/2014 11:10	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1115	12/20/2014 11:11	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1116	12/20/2014 11:12	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1117	12/20/2014 11:13	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1118	12/20/2014 11:14	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1119	12/20/2014 11:15	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1120	12/20/2014 11:16	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1121	12/20/2014 11:17	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1122	12/20/2014 11:18	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1123	12/20/2014 11:19	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1124	12/20/2014 11:20	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1125	12/20/2014 11:21	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1126	12/20/2014 11:22	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1127	12/20/2014 11:23	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1128	12/20/2014 11:24	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1129	12/20/2014 11:25	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1130	12/20/2014 11:26	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1131	12/20/2014 11:27	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1132	12/20/2014 11:28	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1133	12/20/2014 11:29	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1134	12/20/2014 11:30	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1135	12/20/2014 11:31	18.00	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1136	12/20/2014 11:32	17.97	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1137	12/20/2014 11:33	17.17	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1138	12/20/2014 11:34	12.60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
1139	12/26/2014 11:52	10.69	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
1140	12/26/2014 11:53	18.93	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1141	12/26/2014 11:54	21.86	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1142	12/26/2014 11:55	22.62	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1143	12/26/2014 11:56	22.91	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1144	12/26/2014 11:57	23.00	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1145	12/26/2014 11:58	23.00	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1146	12/26/2014 11:59	22.97	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1147	12/26/2014 12:00	22.97	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1148	12/26/2014 12:01	22.97	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1149	12/26/2014 12:02	22.97	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1150	12/26/2014 12:03	22.97	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1151	12/26/2014 12:04	22.97	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1152	12/26/2014 12:05	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1153	12/26/2014 12:06	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1154	12/26/2014 12:07	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1155	12/26/2014 12:08	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1156	12/26/2014 12:09	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1157	12/26/2014 12:10	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1158	12/26/2014 12:11	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1159	12/26/2014 12:12	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1160	12/26/2014 12:13	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1161	12/26/2014 12:14	22.83	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1162	12/26/2014 12:15	22.73	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1163	12/26/2014 12:16	22.43	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1164	12/26/2014 12:17	22.11	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1165	12/26/2014 12:18	21.63	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1166	12/26/2014 12:19	21.54	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1167	12/26/2014 12:20	21.54	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1168	12/26/2014 12:21	21.54	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1169	12/26/2014 12:22	20.69	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1170	12/26/2014 12:23	20.35	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1171	12/26/2014 12:24	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1172	12/26/2014 12:25	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1173	12/26/2014 12:26	20.32	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
Waste

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?
1174	12/26/2014 12:27	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1175	12/26/2014 12:28	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1176	12/26/2014 12:29	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1177	12/26/2014 12:30	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1178	12/26/2014 12:31	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1179	12/26/2014 12:32	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1180	12/26/2014 12:33	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1181	12/26/2014 12:34	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1182	12/26/2014 12:35	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1183	12/26/2014 12:36	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1184	12/26/2014 12:37	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1185	12/26/2014 12:38	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1186	12/26/2014 12:39	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1187	12/26/2014 12:40	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1188	12/26/2014 12:41	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1189	12/26/2014 12:42	20.32	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1190	12/26/2014 12:43	19.46	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1191	12/26/2014 12:44	18.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1192	12/26/2014 12:45	18.58	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1193	12/26/2014 12:46	18.58	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1194	12/26/2014 12:47	18.43	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1195	12/26/2014 12:48	18.43	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1196	12/26/2014 12:49	18.43	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1197	12/26/2014 12:50	18.43	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1198	12/26/2014 12:51	17.55	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1199	12/26/2014 12:52	12.92	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
		1199	Total Minutes in Exceedance				
		26	Number of Events				
			Total Emissions for the Quarter				
		324	(LBS)				
		0.16	(Tons)				

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

Emissions Limits:
1-Hour Average > 10 PPM
while on Fuels

THC
Excess Emissions Report
Fuels

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?
		0	Total Minutes in Exceedance				
		0	Number of Events				

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-14	06:47 AM	07:09 AM	22	Calibration Check		16-Nov-14	09:13 AM	09:35 AM	22	Calibration Check
02-Oct-14	06:32 AM	06:47 AM	15	Calibration Check		17-Nov-14	06:53 AM	07:07 AM	14	Calibration Check
03-Oct-14	07:31 AM	07:53 AM	22	Calibration Check		18-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
04-Oct-14	07:50 AM	08:12 AM	22	Calibration Check		19-Nov-14	06:38 AM	06:52 AM	14	Calibration Check
05-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		20-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
06-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		21-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
07-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		22-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
08-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		23-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		24-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		25-Nov-14	06:29 AM	06:50 AM	21	Calibration Check
11-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		26-Nov-14	07:02 AM	07:24 AM	22	Calibration Check
12-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		27-Nov-14	06:35 AM	06:56 AM	21	Calibration Check
13-Oct-14	06:01 AM	06:23 AM	22	Calibration Check		28-Nov-14	07:49 AM	08:11 AM	22	Calibration Check
14-Oct-14	06:46 AM	07:08 AM	22	Calibration Check		29-Nov-14	07:23 AM	07:44 AM	21	Calibration Check
15-Oct-14	06:36 AM	06:58 AM	22	Calibration Check		30-Nov-14	06:30 AM	06:51 AM	21	Calibration Check
16-Oct-14	06:25 AM	06:46 AM	21	Calibration Check		01-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-14	06:36 AM	06:57 AM	21	Calibration Check		02-Dec-14	06:30 AM	06:52 AM	22	Calibration Check
18-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		03-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-14	06:35 AM	06:56 AM	21	Calibration Check		04-Dec-14	07:14 AM	07:29 AM	15	Calibration Check
20-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		05-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		06-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
22-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		07-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
23-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		08-Dec-14	07:13 AM	07:34 AM	21	Calibration Check
24-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		09-Dec-14	05:42 AM	06:03 AM	21	Calibration Check
25-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		10-Dec-14	05:49 AM	06:10 AM	21	Calibration Check
26-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		11-Dec-14	06:03 AM	06:25 AM	22	Calibration Check
27-Oct-14	06:14 AM	06:36 AM	22	Calibration Check		12-Dec-14	06:42 AM	07:03 AM	21	Calibration Check
28-Oct-14	06:39 AM	07:00 AM	21	Calibration Check		13-Dec-14	09:10 AM	09:32 AM	22	Calibration Check
29-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		14-Dec-14	08:15 AM	08:37 AM	22	Calibration Check
30-Oct-14	06:51 AM	07:12 AM	21	Calibration Check		15-Dec-14	05:09 AM	05:31 AM	22	Calibration Check
31-Oct-14	06:48 AM	07:10 AM	22	Calibration Check		16-Dec-14	05:46 AM	06:08 AM	22	Calibration Check
01-Nov-14	06:13 AM	06:28 AM	15	Calibration Check		17-Dec-14	05:57 AM	06:18 AM	21	Calibration Check
02-Nov-14	06:20 AM	06:34 AM	14	Calibration Check		18-Dec-14	05:40 AM	06:01 AM	21	Calibration Check
03-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		19-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
04-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		20-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		21-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		22-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
07-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		23-Dec-14	07:21 AM	07:43 AM	22	Calibration Check
08-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	07:48 AM	08:09 AM	21	Calibration Check
09-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	08:16 AM	08:30 AM	14	Recalibration
10-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		25-Dec-14	11:56 AM	12:17 PM	21	Calibration Check
11-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		26-Dec-14	07:35 AM	07:56 AM	21	Calibration Check
12-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		27-Dec-14	09:41 AM	10:03 AM	22	Calibration Check
13-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		28-Dec-14	06:35 AM	06:56 AM	21	Calibration Check
14-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		29-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-14	08:16 AM	08:38 AM	22	Calibration Check		30-Dec-14	07:46 AM	07:54 AM	8	Calibration Check
						31-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			958						930	
Total minutes for quality assurance:										
			Minutes							
			1888							

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-14	07:17 AM	07:28 AM	11	Calibration Check		16-Nov-14	10:14 AM	10:25 AM	11	Calibration Check
02-Oct-14	06:17 AM	06:29 AM	12	Calibration Check		17-Nov-14	06:38 AM	06:49 AM	11	Calibration Check
03-Oct-14	08:01 AM	08:12 AM	11	Calibration Check		18-Nov-14	06:40 AM	06:51 AM	11	Calibration Check
04-Oct-14	08:24 AM	08:35 AM	11	Calibration Check		19-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
05-Oct-14	07:23 AM	07:34 AM	11	Calibration Check		20-Nov-14	06:42 AM	06:53 AM	11	Calibration Check
06-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		21-Nov-14	07:28 AM	07:36 AM	8	Calibration Check
07-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		22-Nov-14	06:50 AM	06:58 AM	8	Calibration Check
08-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		23-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
09-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		24-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
10-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		25-Nov-14	06:55 AM	07:06 AM	11	Calibration Check
11-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		26-Nov-14	07:29 AM	07:40 AM	11	Calibration Check
12-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		27-Nov-14	07:00 AM	07:12 AM	12	Calibration Check
13-Oct-14	07:12 AM	07:23 AM	11	Calibration Check		28-Nov-14	08:20 AM	08:31 AM	11	Calibration Check
14-Oct-14	07:12 AM	07:23 AM	11	Calibration Check		29-Nov-14	08:09 AM	08:20 AM	11	Calibration Check
15-Oct-14	07:03 AM	07:14 AM	11	Calibration Check		30-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
16-Oct-14	06:53 AM	07:04 AM	11	Calibration Check		01-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
17-Oct-14	07:03 AM	07:14 AM	11	Calibration Check		02-Dec-14	07:14 AM	07:25 AM	11	Calibration Check
18-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		03-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
19-Oct-14	07:02 AM	07:13 AM	11	Calibration Check		04-Dec-14	08:00 AM	08:11 AM	11	Calibration Check
20-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		05-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
21-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		06-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
22-Oct-14	06:58 AM	07:10 AM	12	Calibration Check		07-Dec-14	07:14 AM	07:22 AM	8	Calibration Check
23-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		08-Dec-14	08:26 AM	08:34 AM	8	Calibration Check
24-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		09-Dec-14	09:45 AM	09:53 AM	8	Calibration Check
25-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		10-Dec-14	06:52 AM	07:03 AM	11	Calibration Check
26-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		11-Dec-14	06:38 AM	06:49 AM	11	Calibration Check
27-Oct-14	06:41 AM	06:53 AM	12	Calibration Check		12-Dec-14	07:08 AM	07:19 AM	11	Calibration Check
28-Oct-14	07:04 AM	07:16 AM	12	Calibration Check		13-Dec-14	09:37 AM	09:48 AM	11	Calibration Check
29-Oct-14	07:04 AM	07:15 AM	11	Calibration Check		14-Dec-14	08:41 AM	08:52 AM	11	Calibration Check
30-Oct-14	07:16 AM	07:27 AM	11	Calibration Check		15-Dec-14	04:55 AM	05:06 AM	11	Calibration Check
31-Oct-14	06:29 AM	06:40 AM	11	Calibration Check		16-Dec-14	06:12 AM	06:23 AM	11	Calibration Check
01-Nov-14	05:51 AM	06:02 AM	11	Calibration Check		17-Dec-14	06:43 AM	06:51 AM	8	Calibration Check
02-Nov-14	06:58 AM	07:04 AM	6	Calibration Check		18-Dec-14	06:08 AM	06:16 AM	8	Calibration Check
03-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		19-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
04-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		20-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
05-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		21-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
06-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		22-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
07-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		23-Dec-14	07:47 AM	07:58 AM	11	Calibration Check
08-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		24-Dec-14	08:35 AM	08:46 AM	11	Calibration Check
09-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		25-Dec-14	12:22 PM	12:33 PM	11	Calibration Check
10-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		26-Dec-14	07:19 AM	07:30 AM	11	Calibration Check
11-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		27-Dec-14	09:27 AM	09:38 AM	11	Calibration Check
12-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		28-Dec-14	07:04 AM	07:15 AM	11	Calibration Check
13-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		29-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
14-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		30-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
15-Nov-14	08:42 AM	08:53 AM	11	Calibration Check		31-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
			Minutes						Minutes	
			505						486	
Total minutes for quality assurance:										
			Minutes							
			991							

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							
12/4/2014	7:35 AM	7:53 AM	18	Excessive Instrument Drift	ged pump for second time first pur	On Hazardous Waste	
OUT OF CONTROL PERIODS							
12/23/2014	7:43 AM	-----	-----	-----	-----	-----	
12/24/2014	-----	8:30 AM	1487	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste	
SYSTEM RECALIBRATIONS							
12/24/2014	8:16 AM	8:30 AM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
10/26/2014	8:00 PM	8:12 PM	12	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste	
11/2/2014	1:01 AM	1:12 AM	11	OTHER ANALYZER WORK DONE (SO2)	None	On Hazardous Waste	
11/3/2014	2:20 AM	2:32 AM	12	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste	
11/14/2014	10:00 PM	10:10 PM	10	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste	
11/21/2014	12:01 PM	12:11 PM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
12/2/2014	5:35 AM	5:40 AM	5	OTHER ANALYZER WORK DONE (Wet O2)	None - Checked well	On Hazardous Waste	
12/4/2014	7:05 AM	7:13 AM	8	OTHER ANALYZER WORK DONE (Nox)	Changed Pump	On Hazardous Waste	
12/27/2014	5:07 PM	5:30 PM	23	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste	
12/30/2014	7:34 AM	7:44 AM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
				THC #2			
WORK ON THIS ANALYZER							
10/25/2014	7:09 AM	7:15 AM	6	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
11/21/2014	7:10 AM	7:15 AM	5	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
12/7/2014	7:05 AM	7:11 AM	6	Checked for Drift	Manual Calibration	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
11/20/2014	10:36 AM	10:44 AM	8	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:					**130,653**		
TOTAL DOWNTIME OF CEM SYSTEM:					**0**		
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**0**		
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**130,653**		
SYSTEM AVAILABILITY					**100.0%**		

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:
28.36 LBS/Hr
124.23Tons /Years

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

NOx
Excess Emissions Report
3-Hour Block Average Emission Limit Exceedances

Time	NOx 3-Hour Block Average (LB/Hr)	Cause	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
	0	Number of Events				
		Total Emissions for the Quarter				
	45206.66	(LBS)				
	22.60	(Tons)				

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

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/01/2014 00:00	17.39	
10/01/2014 03:00	19.59	
10/01/2014 06:00	14.73	
10/01/2014 09:00	13.64	
10/01/2014 12:00	12.75	
10/01/2014 15:00	15.71	
10/01/2014 18:00	22.34	
10/01/2014 21:00	23.44	
10/02/2014 00:00	18.33	
10/02/2014 03:00	24.60	
10/02/2014 06:00	23.44	
10/02/2014 09:00	21.86	
10/02/2014 12:00	21.17	
10/02/2014 15:00	19.71	
10/02/2014 18:00	19.19	
10/02/2014 21:00	22.61	
10/03/2014 00:00	22.24	
10/03/2014 03:00	21.62	
10/03/2014 06:00	21.63	
10/03/2014 09:00	20.49	
10/03/2014 12:00	21.65	
10/03/2014 15:00	15.89	
10/03/2014 18:00	19.28	
10/03/2014 21:00	22.05	
10/04/2014 00:00	22.00	
10/04/2014 03:00	23.31	
10/04/2014 06:00	23.41	
10/04/2014 09:00	24.61	
10/04/2014 12:00	24.11	
10/04/2014 15:00	23.45	
10/04/2014 18:00	23.65	
10/04/2014 21:00	17.60	
10/05/2014 00:00	20.34	
10/05/2014 03:00	20.41	
10/05/2014 06:00	18.96	
10/05/2014 09:00	20.95	
10/05/2014 12:00	22.03	
10/05/2014 15:00	22.76	
10/05/2014 18:00	23.04	
10/05/2014 21:00	18.19	
10/06/2014 00:00	19.86	
10/06/2014 03:00	19.18	
10/06/2014 06:00	20.53	
10/06/2014 09:00	18.47	
10/06/2014 12:00	20.05	
10/06/2014 15:00	20.28	
10/06/2014 18:00	18.11	
10/06/2014 21:00	14.12	
10/07/2014 00:00	15.16	
10/07/2014 03:00	15.31	
10/07/2014 06:00	15.95	
10/07/2014 09:00	14.82	
10/07/2014 12:00	16.24	
10/07/2014 15:00	17.46	
10/07/2014 18:00	17.38	
10/07/2014 21:00	18.18	
10/08/2014 00:00	21.59	
10/08/2014 03:00	16.90	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/08/2014 06:00	15.56	
10/08/2014 09:00	15.44	
10/08/2014 12:00	11.83	
10/08/2014 15:00	15.43	
10/08/2014 18:00	17.14	
10/08/2014 21:00	18.60	
10/09/2014 00:00	19.49	
10/09/2014 03:00	22.60	
10/09/2014 06:00	26.43	
10/09/2014 09:00	20.30	
10/09/2014 12:00	20.56	
10/09/2014 15:00	20.00	
10/09/2014 18:00	18.89	
10/09/2014 21:00	18.02	
10/10/2014 00:00	22.98	
10/10/2014 03:00	20.67	
10/10/2014 06:00	19.83	
10/10/2014 09:00	18.12	
10/10/2014 12:00	18.57	
10/10/2014 15:00	17.06	
10/10/2014 18:00	20.48	
10/10/2014 21:00	23.24	
10/11/2014 00:00	22.78	
10/11/2014 03:00	20.06	
10/11/2014 06:00	17.79	
10/11/2014 09:00	16.96	
10/11/2014 12:00	18.89	
10/11/2014 15:00	21.95	
10/11/2014 18:00	17.05	
10/11/2014 21:00	20.62	
10/12/2014 00:00	19.76	
10/12/2014 03:00	20.96	
10/12/2014 06:00	22.31	
10/12/2014 09:00	21.54	
10/12/2014 12:00	20.42	
10/12/2014 15:00	25.51	
10/12/2014 18:00	24.39	
10/12/2014 21:00	24.68	
10/13/2014 00:00	19.56	
10/13/2014 03:00	19.50	
10/13/2014 06:00	22.51	
10/13/2014 09:00	19.48	
10/13/2014 12:00	19.41	
10/13/2014 15:00	15.19	
10/13/2014 18:00	15.87	
10/13/2014 21:00	17.47	
10/14/2014 00:00	18.12	
10/14/2014 03:00	18.57	
10/14/2014 06:00	16.27	
10/14/2014 09:00	21.39	
10/14/2014 12:00	20.05	
10/14/2014 15:00	22.60	
10/14/2014 18:00	21.63	
10/14/2014 21:00	21.79	
10/15/2014 00:00	21.17	
10/15/2014 03:00	22.51	
10/15/2014 06:00	21.15	
10/15/2014 09:00	19.53	

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

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/15/2014 12:00	18.90	
10/15/2014 15:00	15.71	
10/15/2014 18:00	18.76	
10/15/2014 21:00	21.52	
10/16/2014 00:00	18.40	
10/16/2014 03:00	19.36	
10/16/2014 06:00	17.73	
10/16/2014 09:00	17.10	
10/16/2014 12:00	18.11	
10/16/2014 15:00	18.61	
10/16/2014 18:00	19.78	
10/16/2014 21:00	22.62	
10/17/2014 00:00	25.03	
10/17/2014 03:00	23.71	
10/17/2014 06:00	22.62	
10/17/2014 09:00	23.54	
10/17/2014 12:00	22.43	
10/17/2014 15:00	20.62	
10/17/2014 18:00	24.65	
10/17/2014 21:00	22.34	
10/18/2014 00:00	21.45	
10/18/2014 03:00	24.63	
10/18/2014 06:00	18.00	
10/18/2014 09:00	14.24	
10/18/2014 12:00	18.28	
10/18/2014 15:00	21.02	
10/18/2014 18:00	21.37	
10/18/2014 21:00	21.55	
10/19/2014 00:00	21.41	
10/19/2014 03:00	25.38	
10/19/2014 06:00	22.52	
10/19/2014 09:00	17.56	
10/19/2014 12:00	17.13	
10/19/2014 15:00	17.53	
10/19/2014 18:00	18.54	
10/19/2014 21:00	20.81	
10/20/2014 00:00	21.39	
10/20/2014 03:00	23.62	
10/20/2014 06:00	23.23	
10/20/2014 09:00	25.31	
10/20/2014 12:00	21.07	
10/20/2014 15:00	21.61	
10/20/2014 18:00	17.99	
10/20/2014 21:00	21.26	
10/21/2014 00:00	19.86	
10/21/2014 03:00	22.23	
10/21/2014 06:00	19.98	
10/21/2014 09:00	14.28	
10/21/2014 12:00	18.25	
10/21/2014 15:00	19.33	
10/21/2014 18:00	19.13	
10/21/2014 21:00	21.56	
10/22/2014 00:00	21.38	
10/22/2014 03:00	22.33	
10/22/2014 06:00	20.01	
10/22/2014 09:00	24.46	
10/22/2014 12:00	25.25	
10/22/2014 15:00	18.99	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/22/2014 18:00	16.01	
10/22/2014 21:00	17.19	
10/23/2014 00:00	23.62	
10/23/2014 03:00	23.50	
10/23/2014 06:00	23.46	
10/23/2014 09:00	22.99	
10/23/2014 12:00	18.78	
10/23/2014 15:00	18.03	
10/23/2014 18:00	18.21	
10/23/2014 21:00	20.29	
10/24/2014 00:00	19.83	
10/24/2014 03:00	22.06	
10/24/2014 06:00	20.42	
10/24/2014 09:00	17.40	
10/24/2014 12:00	19.02	
10/24/2014 15:00	23.65	
10/24/2014 18:00	24.64	
10/24/2014 21:00	18.28	
10/25/2014 00:00	20.79	
10/25/2014 03:00	22.41	
10/25/2014 06:00	23.70	
10/25/2014 09:00	24.25	
10/25/2014 12:00	22.45	
10/25/2014 15:00	22.49	
10/25/2014 18:00	23.05	
10/25/2014 21:00	23.58	
10/26/2014 00:00	23.28	
10/26/2014 03:00	17.26	
10/26/2014 06:00	17.87	
10/26/2014 09:00	19.19	
10/26/2014 12:00	17.41	
10/26/2014 15:00	15.92	
10/26/2014 18:00	23.44	
10/26/2014 21:00	22.87	
10/27/2014 00:00	19.76	
10/27/2014 03:00	19.44	
10/27/2014 06:00	23.23	
10/27/2014 09:00	22.75	
10/27/2014 12:00	24.05	
10/27/2014 15:00	21.54	
10/27/2014 18:00	21.08	
10/27/2014 21:00	23.81	
10/28/2014 00:00	21.84	
10/28/2014 03:00	23.80	
10/28/2014 06:00	24.84	
10/28/2014 09:00	22.72	
10/28/2014 12:00	21.32	
10/28/2014 15:00	23.50	
10/28/2014 18:00	22.76	
10/28/2014 21:00	23.65	
10/29/2014 00:00	24.51	
10/29/2014 03:00	23.91	
10/29/2014 06:00	21.97	
10/29/2014 09:00	20.57	
10/29/2014 12:00	20.06	
10/29/2014 15:00	18.25	
10/29/2014 18:00	23.68	
10/29/2014 21:00	25.08	

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

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
10/30/2014 00:00	23.41	
10/30/2014 03:00	23.94	
10/30/2014 06:00	22.50	
10/30/2014 09:00	21.71	
10/30/2014 12:00	20.50	
10/30/2014 15:00	20.25	
10/30/2014 18:00	23.06	
10/30/2014 21:00	24.59	
10/31/2014 00:00	23.26	
10/31/2014 03:00	23.75	
10/31/2014 06:00	22.27	
10/31/2014 09:00	19.69	
10/31/2014 12:00	19.50	
10/31/2014 15:00	19.76	
10/31/2014 18:00	19.76	
10/31/2014 21:00	24.41	
11/01/2014 00:00	22.48	
11/01/2014 03:00	20.54	
11/01/2014 06:00	22.35	
11/01/2014 09:00	21.36	
11/01/2014 12:00	21.67	
11/01/2014 15:00	21.48	
11/01/2014 18:00	20.84	
11/01/2014 21:00	21.35	
11/02/2014 00:00	24.35	
11/02/2014 03:00	24.54	
11/02/2014 06:00	24.87	
11/02/2014 09:00	22.99	
11/02/2014 12:00	20.43	
11/02/2014 15:00	19.72	
11/02/2014 18:00	24.53	
11/02/2014 21:00	22.51	
11/03/2014 00:00	24.55	
11/03/2014 03:00	24.94	
11/03/2014 06:00	25.40	
11/03/2014 09:00	23.08	
11/03/2014 12:00	22.42	
11/03/2014 15:00	20.77	
11/03/2014 18:00	24.13	
11/03/2014 21:00	23.19	
11/04/2014 00:00	19.32	
11/04/2014 03:00	14.96	
11/04/2014 06:00	20.50	
11/04/2014 09:00	16.48	
11/04/2014 12:00	16.43	
11/04/2014 15:00	18.34	
11/04/2014 18:00	21.96	
11/04/2014 21:00	22.89	
11/05/2014 00:00	19.85	
11/05/2014 03:00	20.34	
11/05/2014 06:00	22.54	
11/05/2014 09:00	20.60	
11/05/2014 12:00	18.54	
11/05/2014 15:00	20.95	
11/05/2014 18:00	21.02	
11/05/2014 21:00	18.90	
11/06/2014 00:00	21.66	
11/06/2014 03:00	17.44	

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

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/06/2014 06:00	18.67	
11/06/2014 09:00	18.80	
11/06/2014 12:00	17.92	
11/06/2014 15:00	16.17	
11/06/2014 18:00	20.28	
11/06/2014 21:00	23.49	
11/07/2014 00:00	23.33	
11/07/2014 03:00	19.98	
11/07/2014 06:00	21.37	
11/07/2014 09:00	21.81	
11/07/2014 12:00	18.84	
11/07/2014 15:00	16.40	
11/07/2014 18:00	14.30	
11/07/2014 21:00	18.30	
11/08/2014 00:00	22.80	
11/08/2014 03:00	23.90	
11/08/2014 06:00	21.05	
11/08/2014 09:00	22.59	
11/08/2014 12:00	22.17	
11/08/2014 15:00	23.25	
11/08/2014 18:00	22.15	
11/08/2014 21:00	22.09	
11/09/2014 00:00	18.77	
11/09/2014 03:00	20.70	
11/09/2014 06:00	20.18	
11/09/2014 09:00	19.26	
11/09/2014 12:00	17.97	
11/09/2014 15:00	22.24	
11/09/2014 18:00	21.99	
11/09/2014 21:00	22.50	
11/10/2014 00:00	23.19	
11/10/2014 03:00	22.03	
11/10/2014 06:00	21.52	
11/10/2014 09:00	18.60	
11/10/2014 12:00	20.02	
11/10/2014 15:00	21.98	
11/10/2014 18:00	19.90	
11/10/2014 21:00	18.49	
11/11/2014 00:00	22.40	
11/11/2014 03:00	23.71	
11/11/2014 06:00	22.90	
11/11/2014 09:00	14.80	
11/11/2014 12:00	20.24	
11/11/2014 15:00	20.60	
11/11/2014 18:00	21.54	
11/11/2014 21:00	19.49	
11/12/2014 00:00	16.82	
11/12/2014 03:00	15.31	
11/12/2014 06:00	18.77	
11/12/2014 09:00	17.67	
11/12/2014 12:00	18.10	
11/12/2014 15:00	24.55	
11/12/2014 18:00	24.38	
11/12/2014 21:00	23.55	
11/13/2014 00:00	19.45	
11/13/2014 03:00	24.25	
11/13/2014 06:00	19.29	
11/13/2014 09:00	20.00	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

California Analytical Instruments
Model 600-CLD
Serial Number: U12052

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/13/2014 12:00	19.69	
11/13/2014 15:00	15.29	
11/13/2014 18:00	19.83	
11/13/2014 21:00	21.47	
11/14/2014 00:00	23.77	
11/14/2014 03:00	22.39	
11/14/2014 06:00	18.86	
11/14/2014 09:00	17.46	
11/14/2014 12:00	17.15	
11/14/2014 15:00	20.93	
11/14/2014 18:00	22.54	
11/14/2014 21:00	23.82	
11/15/2014 00:00	24.30	
11/15/2014 03:00	24.98	
11/15/2014 06:00	21.29	
11/15/2014 09:00	23.84	
11/15/2014 12:00	21.56	
11/15/2014 15:00	22.87	
11/15/2014 18:00	21.15	
11/15/2014 21:00	17.82	
11/16/2014 00:00	19.68	
11/16/2014 03:00	19.72	
11/16/2014 06:00	18.57	
11/16/2014 09:00	17.21	
11/16/2014 12:00	15.07	
11/16/2014 15:00	18.73	
11/16/2014 18:00	13.26	
11/16/2014 21:00	15.13	
11/17/2014 00:00	20.45	
11/17/2014 03:00	18.13	
11/17/2014 06:00	22.13	
11/17/2014 09:00	22.19	
11/17/2014 12:00	14.54	
11/17/2014 15:00	20.78	
11/17/2014 18:00	24.59	
11/17/2014 21:00	25.53	
11/18/2014 00:00	26.37	
11/18/2014 03:00	24.76	
11/18/2014 06:00	23.61	
11/18/2014 09:00	24.85	
11/18/2014 12:00	23.08	
11/18/2014 15:00	23.27	
11/18/2014 18:00	25.68	
11/18/2014 21:00	24.15	
11/19/2014 00:00	22.31	
11/19/2014 03:00	14.58	
11/19/2014 06:00	21.59	
11/19/2014 09:00	22.11	
11/19/2014 12:00	23.47	
11/19/2014 15:00	23.69	
11/19/2014 18:00	24.27	
11/19/2014 21:00	21.57	
11/20/2014 00:00	23.97	
11/20/2014 03:00	23.75	
11/20/2014 06:00	24.60	
11/20/2014 09:00	23.31	
11/20/2014 12:00	21.74	
11/20/2014 15:00	18.40	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/20/2014 18:00	19.95	
11/20/2014 21:00	21.78	
11/21/2014 00:00	16.03	
11/21/2014 03:00	18.60	
11/21/2014 06:00	19.13	
11/21/2014 09:00	17.32	
11/21/2014 12:00	18.15	
11/21/2014 15:00	18.43	
11/21/2014 18:00	18.87	
11/21/2014 21:00	18.88	
11/22/2014 00:00	20.46	
11/22/2014 03:00	21.60	
11/22/2014 06:00	20.15	
11/22/2014 09:00	20.11	
11/22/2014 12:00	17.48	
11/22/2014 15:00	20.04	
11/22/2014 18:00	20.17	
11/22/2014 21:00	22.94	
11/23/2014 00:00	22.61	
11/23/2014 03:00	22.21	
11/23/2014 06:00	21.35	
11/23/2014 09:00	20.04	
11/23/2014 12:00	21.59	
11/23/2014 15:00	23.30	
11/23/2014 18:00	20.36	
11/23/2014 21:00	19.96	
11/24/2014 00:00	21.01	
11/24/2014 03:00	19.25	
11/24/2014 06:00	19.35	
11/24/2014 09:00	19.22	
11/24/2014 12:00	18.71	
11/24/2014 15:00	21.33	
11/24/2014 18:00	20.95	
11/24/2014 21:00	20.55	
11/25/2014 00:00	22.22	
11/25/2014 03:00	22.20	
11/25/2014 06:00	24.96	
11/25/2014 09:00	22.90	
11/25/2014 12:00	23.61	
11/25/2014 15:00	22.32	
11/25/2014 18:00	24.22	
11/25/2014 21:00	24.65	
11/26/2014 00:00	23.36	
11/26/2014 03:00	22.82	
11/26/2014 06:00	23.99	
11/26/2014 09:00	23.26	
11/26/2014 12:00	22.55	
11/26/2014 15:00	22.74	
11/26/2014 18:00	24.63	
11/26/2014 21:00	25.46	
11/27/2014 00:00	23.33	
11/27/2014 03:00	20.50	
11/27/2014 06:00	21.01	
11/27/2014 09:00	19.59	
11/27/2014 12:00	15.72	
11/27/2014 15:00	16.87	
11/27/2014 18:00	20.74	
11/27/2014 21:00	23.58	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
11/28/2014 00:00	23.49	
11/28/2014 03:00	22.10	
11/28/2014 06:00	22.26	
11/28/2014 09:00	21.64	
11/28/2014 12:00	21.53	
11/28/2014 15:00	17.30	
11/28/2014 18:00	23.07	
11/28/2014 21:00	22.90	
11/29/2014 00:00	24.34	
11/29/2014 03:00	24.49	
11/29/2014 06:00	23.11	
11/29/2014 09:00	19.64	
11/29/2014 12:00	19.85	
11/29/2014 15:00	19.03	
11/29/2014 18:00	16.32	
11/29/2014 21:00	18.94	
11/30/2014 00:00	21.47	
11/30/2014 03:00	19.07	
11/30/2014 06:00	10.99	
11/30/2014 09:00	0.07	
11/30/2014 12:00	0.14	
11/30/2014 15:00	0.17	
11/30/2014 18:00	0.16	
11/30/2014 21:00	0.15	
12/01/2014 00:00	0.17	
12/01/2014 03:00	0.17	
12/01/2014 06:00	0.13	
12/01/2014 09:00	0.11	
12/01/2014 12:00	0.82	
12/01/2014 15:00	3.15	
12/01/2014 18:00	1.88	
12/01/2014 21:00	4.60	
12/02/2014 00:00	8.94	
12/02/2014 03:00	15.75	
12/02/2014 06:00	15.68	
12/02/2014 09:00	15.07	
12/02/2014 12:00	14.18	
12/02/2014 15:00	14.52	
12/02/2014 18:00	18.44	
12/02/2014 21:00	16.14	
12/03/2014 00:00	14.61	
12/03/2014 03:00	16.40	
12/03/2014 06:00	17.58	
12/03/2014 09:00	21.57	
12/03/2014 12:00	20.89	
12/03/2014 15:00	21.95	
12/03/2014 18:00	20.31	
12/03/2014 21:00	22.12	
12/04/2014 00:00	19.42	
12/04/2014 03:00	20.39	
12/04/2014 06:00	21.90	
12/04/2014 09:00	18.32	
12/04/2014 12:00	18.96	
12/04/2014 15:00	14.31	
12/04/2014 18:00	17.62	
12/04/2014 21:00	18.45	
12/05/2014 00:00	17.86	
12/05/2014 03:00	18.30	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/05/2014 06:00	15.51	
12/05/2014 09:00	16.38	
12/05/2014 12:00	14.39	
12/05/2014 15:00	18.73	
12/05/2014 18:00	24.02	
12/05/2014 21:00	24.82	
12/06/2014 00:00	23.79	
12/06/2014 03:00	21.03	
12/06/2014 06:00	23.06	
12/06/2014 09:00	26.41	
12/06/2014 12:00	19.70	
12/06/2014 15:00	22.46	
12/06/2014 18:00	23.57	
12/06/2014 21:00	22.70	
12/07/2014 00:00	21.98	
12/07/2014 03:00	21.91	
12/07/2014 06:00	22.61	
12/07/2014 09:00	19.60	
12/07/2014 12:00	19.77	
12/07/2014 15:00	23.16	
12/07/2014 18:00	24.38	
12/07/2014 21:00	21.82	
12/08/2014 00:00	18.71	
12/08/2014 03:00	21.59	
12/08/2014 06:00	21.56	
12/08/2014 09:00	21.76	
12/08/2014 12:00	19.25	
12/08/2014 15:00	17.42	
12/08/2014 18:00	20.76	
12/08/2014 21:00	21.94	
12/09/2014 00:00	21.19	
12/09/2014 03:00	19.17	
12/09/2014 06:00	20.07	
12/09/2014 09:00	19.75	
12/09/2014 12:00	21.57	
12/09/2014 15:00	21.41	
12/09/2014 18:00	22.73	
12/09/2014 21:00	19.98	
12/10/2014 00:00	21.81	
12/10/2014 03:00	21.62	
12/10/2014 06:00	21.07	
12/10/2014 09:00	19.77	
12/10/2014 12:00	18.82	
12/10/2014 15:00	20.10	
12/10/2014 18:00	21.76	
12/10/2014 21:00	19.77	
12/11/2014 00:00	21.02	
12/11/2014 03:00	24.34	
12/11/2014 06:00	20.31	
12/11/2014 09:00	23.75	
12/11/2014 12:00	22.22	
12/11/2014 15:00	24.30	
12/11/2014 18:00	22.00	
12/11/2014 21:00	21.70	
12/12/2014 00:00	19.36	
12/12/2014 03:00	21.15	
12/12/2014 06:00	21.69	
12/12/2014 09:00	17.83	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/12/2014 12:00	15.89	
12/12/2014 15:00	14.96	
12/12/2014 18:00	18.24	
12/12/2014 21:00	21.83	
12/13/2014 00:00	21.70	
12/13/2014 03:00	21.26	
12/13/2014 06:00	21.99	
12/13/2014 09:00	22.41	
12/13/2014 12:00	23.86	
12/13/2014 15:00	20.81	
12/13/2014 18:00	21.47	
12/13/2014 21:00	22.95	
12/14/2014 00:00	23.61	
12/14/2014 03:00	21.66	
12/14/2014 06:00	20.48	
12/14/2014 09:00	17.10	
12/14/2014 12:00	15.77	
12/14/2014 15:00	15.09	
12/14/2014 18:00	16.09	
12/14/2014 21:00	18.59	
12/15/2014 00:00	19.36	
12/15/2014 03:00	19.61	
12/15/2014 06:00	18.76	
12/15/2014 09:00	20.07	
12/15/2014 12:00	21.24	
12/15/2014 15:00	23.29	
12/15/2014 18:00	22.17	
12/15/2014 21:00	19.15	
12/16/2014 00:00	19.44	
12/16/2014 03:00	18.68	
12/16/2014 06:00	18.32	
12/16/2014 09:00	17.69	
12/16/2014 12:00	16.70	
12/16/2014 15:00	18.99	
12/16/2014 18:00	19.99	
12/16/2014 21:00	21.71	
12/17/2014 00:00	22.84	
12/17/2014 03:00	23.42	
12/17/2014 06:00	24.24	
12/17/2014 09:00	22.53	
12/17/2014 12:00	21.15	
12/17/2014 15:00	16.17	
12/17/2014 18:00	22.40	
12/17/2014 21:00	24.85	
12/18/2014 00:00	24.51	
12/18/2014 03:00	23.99	
12/18/2014 06:00	24.63	
12/18/2014 09:00	26.55	
12/18/2014 12:00	20.34	
12/18/2014 15:00	21.50	
12/18/2014 18:00	22.21	
12/18/2014 21:00	21.45	
12/19/2014 00:00	20.51	
12/19/2014 03:00	20.23	
12/19/2014 06:00	19.02	
12/19/2014 09:00	17.76	
12/19/2014 12:00	15.76	
12/19/2014 15:00	16.94	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/19/2014 18:00	21.15	
12/19/2014 21:00	20.61	
12/20/2014 00:00	22.32	
12/20/2014 03:00	22.50	
12/20/2014 06:00	23.20	
12/20/2014 09:00	21.35	
12/20/2014 12:00	21.34	
12/20/2014 15:00	23.46	
12/20/2014 18:00	22.82	
12/20/2014 21:00	21.80	
12/21/2014 00:00	21.93	
12/21/2014 03:00	23.01	
12/21/2014 06:00	24.12	
12/21/2014 09:00	21.19	
12/21/2014 12:00	20.53	
12/21/2014 15:00	22.86	
12/21/2014 18:00	22.39	
12/21/2014 21:00	23.23	
12/22/2014 00:00	24.62	
12/22/2014 03:00	26.07	
12/22/2014 06:00	26.23	
12/22/2014 09:00	22.50	
12/22/2014 12:00	21.69	
12/22/2014 15:00	24.11	
12/22/2014 18:00	23.50	
12/22/2014 21:00	20.99	
12/23/2014 00:00	21.57	
12/23/2014 03:00	20.30	
12/23/2014 06:00	23.72	
12/23/2014 09:00	22.99	
12/23/2014 12:00	25.01	
12/23/2014 15:00	23.02	
12/23/2014 18:00	22.25	
12/23/2014 21:00	22.28	
12/24/2014 00:00	23.11	
12/24/2014 03:00	20.85	
12/24/2014 06:00	21.73	
12/24/2014 09:00	21.79	
12/24/2014 12:00	18.07	
12/24/2014 15:00	18.15	
12/24/2014 18:00	21.46	
12/24/2014 21:00	24.34	
12/25/2014 00:00	23.91	
12/25/2014 03:00	25.88	
12/25/2014 06:00	25.91	
12/25/2014 09:00	24.76	
12/25/2014 12:00	23.71	
12/25/2014 15:00	23.63	
12/25/2014 18:00	22.76	
12/25/2014 21:00	22.27	
12/26/2014 00:00	24.74	
12/26/2014 03:00	23.55	
12/26/2014 06:00	24.99	
12/26/2014 09:00	24.10	
12/26/2014 12:00	22.82	
12/26/2014 15:00	18.50	
12/26/2014 18:00	22.81	
12/26/2014 21:00	25.21	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
12/27/2014 00:00	23.23	
12/27/2014 03:00	24.15	
12/27/2014 06:00	20.90	
12/27/2014 09:00	22.70	
12/27/2014 12:00	23.68	
12/27/2014 15:00	20.49	
12/27/2014 18:00	21.23	
12/27/2014 21:00	19.35	
12/28/2014 00:00	20.98	
12/28/2014 03:00	20.88	
12/28/2014 06:00	17.92	
12/28/2014 09:00	15.68	
12/28/2014 12:00	16.25	
12/28/2014 15:00	16.84	
12/28/2014 18:00	18.12	
12/28/2014 21:00	20.42	
12/29/2014 00:00	16.81	
12/29/2014 03:00	17.95	
12/29/2014 06:00	19.45	
12/29/2014 09:00	14.88	
12/29/2014 12:00	13.89	
12/29/2014 15:00	21.63	
12/29/2014 18:00	24.42	
12/29/2014 21:00	25.41	
12/30/2014 00:00	22.32	
12/30/2014 03:00	22.79	
12/30/2014 06:00	24.10	
12/30/2014 09:00	17.07	
12/30/2014 12:00	18.50	
12/30/2014 15:00	17.51	
12/30/2014 18:00	22.64	
12/30/2014 21:00	24.23	
12/31/2014 00:00	23.41	
12/31/2014 03:00	24.01	
12/31/2014 06:00	24.78	
12/31/2014 09:00	21.15	
12/31/2014 12:00	19.89	
12/31/2014 15:00	24.69	
12/31/2014 18:00	24.44	
12/31/2014 21:00	24.05	
	0	Number of Events
		Total Emissions for the Quarter
	45206.66	(LBS)
	22.60	(Tons)

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-14	06:47 AM	07:09 AM	22	Calibration Check		16-Nov-14	09:13 AM	09:35 AM	22	Calibration Check
02-Oct-14	06:32 AM	06:47 AM	15	Calibration Check		17-Nov-14	06:53 AM	07:07 AM	14	Calibration Check
03-Oct-14	07:31 AM	07:53 AM	22	Calibration Check		18-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
04-Oct-14	07:50 AM	08:12 AM	22	Calibration Check		19-Nov-14	06:38 AM	06:52 AM	14	Calibration Check
05-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		20-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
06-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		21-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
07-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		22-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
08-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		23-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		24-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		25-Nov-14	06:29 AM	06:50 AM	21	Calibration Check
11-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		26-Nov-14	07:02 AM	07:24 AM	22	Calibration Check
12-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		27-Nov-14	06:35 AM	06:56 AM	21	Calibration Check
13-Oct-14	06:01 AM	06:23 AM	22	Calibration Check		28-Nov-14	07:49 AM	08:11 AM	22	Calibration Check
14-Oct-14	06:46 AM	07:08 AM	22	Calibration Check		29-Nov-14	07:23 AM	07:44 AM	21	Calibration Check
15-Oct-14	06:36 AM	06:58 AM	22	Calibration Check		30-Nov-14	06:30 AM	06:51 AM	21	Calibration Check
16-Oct-14	06:25 AM	06:46 AM	21	Calibration Check		01-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-14	06:36 AM	06:57 AM	21	Calibration Check		02-Dec-14	06:30 AM	06:52 AM	22	Calibration Check
18-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		03-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-14	06:35 AM	06:56 AM	21	Calibration Check		04-Dec-14	07:14 AM	07:29 AM	15	Calibration Check
20-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		05-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		06-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
22-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		07-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
23-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		08-Dec-14	07:13 AM	07:34 AM	21	Calibration Check
24-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		09-Dec-14	05:42 AM	06:03 AM	21	Calibration Check
25-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		10-Dec-14	05:49 AM	06:10 AM	21	Calibration Check
26-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		11-Dec-14	06:03 AM	06:25 AM	22	Calibration Check
27-Oct-14	06:14 AM	06:36 AM	22	Calibration Check		12-Dec-14	06:42 AM	07:03 AM	21	Calibration Check
28-Oct-14	06:39 AM	07:00 AM	21	Calibration Check		13-Dec-14	09:10 AM	09:32 AM	22	Calibration Check
29-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		14-Dec-14	08:15 AM	08:37 AM	22	Calibration Check
30-Oct-14	06:51 AM	07:12 AM	21	Calibration Check		15-Dec-14	05:09 AM	05:31 AM	22	Calibration Check
31-Oct-14	06:48 AM	07:10 AM	22	Calibration Check		16-Dec-14	05:46 AM	06:08 AM	22	Calibration Check
01-Nov-14	06:13 AM	06:28 AM	15	Calibration Check		17-Dec-14	05:57 AM	06:18 AM	21	Calibration Check
02-Nov-14	06:20 AM	06:34 AM	14	Calibration Check		18-Dec-14	05:40 AM	06:01 AM	21	Calibration Check
03-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		19-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
04-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		20-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		21-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		22-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
07-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		23-Dec-14	07:21 AM	07:43 AM	22	Calibration Check
08-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	07:48 AM	08:09 AM	21	Calibration Check
09-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	08:16 AM	08:30 AM	14	Recalibration
10-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		25-Dec-14	11:56 AM	12:17 PM	21	Calibration Check
11-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		26-Dec-14	07:35 AM	07:56 AM	21	Calibration Check
12-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		27-Dec-14	09:41 AM	10:03 AM	22	Calibration Check
13-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		28-Dec-14	06:35 AM	06:56 AM	21	Calibration Check
14-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		29-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-14	08:16 AM	08:38 AM	22	Calibration Check		30-Dec-14	07:46 AM	07:54 AM	8	Calibration Check
						31-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			958						930	
Total minutes for quality assurance:										
			Minutes							
			1888							

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						
12/4/2014	7:05 AM	7:13 AM	8	Checking Analyzer	Changed Pump	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
12/24/2014	8:16 AM	8:30 AM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
10/26/2014	8:00 PM	8:12 PM	12	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste
11/2/2014	1:01 AM	1:12 AM	11	OTHER ANALYZER WORK DONE (SO2)	None	On Hazardous Waste
11/3/2014	2:20 AM	2:32 AM	12	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste
11/14/2014	10:00 PM	10:10 PM	10	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste
11/21/2014	12:01 PM	12:11 PM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
12/2/2014	5:35 AM	5:40 AM	5	OTHER ANALYZER WORK DONE (Wet O2)	None - Checked well	On Hazardous Waste
12/4/2014	7:35 AM	7:53 AM	18	OTHER ANALYZER WORK DONE (THC #1)	ged punp for second time first pun	On Hazardous Waste
12/27/2014	5:07 PM	5:30 PM	23	OTHER ANALYZER WORK DONE (SO2)	None - Checked well	On Hazardous Waste
12/30/2014	7:34 AM	7:44 AM	10	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:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					133	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					133	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,520	
SYSTEM AVAILABILITY					99.9%	

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.		

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Average Exceedances

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

Time	SOx 3-Hour Block Average (LB/Hr)	Cause	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
	0	Number of Events				
	3090.21	(LBS)				
	1.55	(Tons)				

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/01/2014 00:00	0.00	
10/01/2014 03:00	0.00	
10/01/2014 06:00	0.00	
10/01/2014 09:00	0.12	
10/01/2014 12:00	0.34	
10/01/2014 15:00	3.22	
10/01/2014 18:00	1.29	
10/01/2014 21:00	0.40	
10/02/2014 00:00	0.17	
10/02/2014 03:00	0.21	
10/02/2014 06:00	0.21	
10/02/2014 09:00	0.23	
10/02/2014 12:00	0.67	
10/02/2014 15:00	1.51	
10/02/2014 18:00	3.19	
10/02/2014 21:00	2.29	
10/03/2014 00:00	1.09	
10/03/2014 03:00	0.83	
10/03/2014 06:00	0.30	
10/03/2014 09:00	0.42	
10/03/2014 12:00	4.28	
10/03/2014 15:00	7.21	
10/03/2014 18:00	3.05	
10/03/2014 21:00	0.44	
10/04/2014 00:00	0.68	
10/04/2014 03:00	0.53	
10/04/2014 06:00	0.25	
10/04/2014 09:00	0.30	
10/04/2014 12:00	0.35	
10/04/2014 15:00	0.48	
10/04/2014 18:00	0.81	
10/04/2014 21:00	0.72	
10/05/2014 00:00	0.15	
10/05/2014 03:00	0.18	
10/05/2014 06:00	3.06	
10/05/2014 09:00	5.33	
10/05/2014 12:00	4.58	
10/05/2014 15:00	4.93	
10/05/2014 18:00	5.39	
10/05/2014 21:00	4.78	
10/06/2014 00:00	4.11	
10/06/2014 03:00	4.23	
10/06/2014 06:00	7.16	
10/06/2014 09:00	8.87	
10/06/2014 12:00	9.91	
10/06/2014 15:00	3.96	
10/06/2014 18:00	0.60	
10/06/2014 21:00	6.05	
10/07/2014 00:00	6.03	
10/07/2014 03:00	5.64	
10/07/2014 06:00	2.46	
10/07/2014 09:00	4.83	
10/07/2014 12:00	2.63	
10/07/2014 15:00	0.00	
10/07/2014 18:00	0.02	
10/07/2014 21:00	0.48	
10/08/2014 00:00	1.96	
10/08/2014 03:00	4.80	
10/08/2014 06:00	3.49	
10/08/2014 09:00	3.55	
10/08/2014 12:00	3.34	
10/08/2014 15:00	0.01	
10/08/2014 18:00	0.59	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/08/2014 21:00	1.11	
10/09/2014 00:00	3.54	
10/09/2014 03:00	5.03	
10/09/2014 06:00	5.02	
10/09/2014 09:00	3.15	
10/09/2014 12:00	1.92	
10/09/2014 15:00	0.41	
10/09/2014 18:00	0.46	
10/09/2014 21:00	2.43	
10/10/2014 00:00	3.19	
10/10/2014 03:00	6.28	
10/10/2014 06:00	6.56	
10/10/2014 09:00	0.27	
10/10/2014 12:00	0.01	
10/10/2014 15:00	3.23	
10/10/2014 18:00	5.37	
10/10/2014 21:00	3.40	
10/11/2014 00:00	0.51	
10/11/2014 03:00	0.20	
10/11/2014 06:00	3.73	
10/11/2014 09:00	4.42	
10/11/2014 12:00	5.07	
10/11/2014 15:00	0.20	
10/11/2014 18:00	1.95	
10/11/2014 21:00	2.54	
10/12/2014 00:00	4.93	
10/12/2014 03:00	0.54	
10/12/2014 06:00	0.40	
10/12/2014 09:00	2.91	
10/12/2014 12:00	1.90	
10/12/2014 15:00	2.26	
10/12/2014 18:00	1.77	
10/12/2014 21:00	2.11	
10/13/2014 00:00	1.09	
10/13/2014 03:00	0.51	
10/13/2014 06:00	5.70	
10/13/2014 09:00	2.38	
10/13/2014 12:00	1.43	
10/13/2014 15:00	0.00	
10/13/2014 18:00	0.65	
10/13/2014 21:00	2.19	
10/14/2014 00:00	0.74	
10/14/2014 03:00	0.70	
10/14/2014 06:00	0.85	
10/14/2014 09:00	0.71	
10/14/2014 12:00	1.64	
10/14/2014 15:00	2.17	
10/14/2014 18:00	3.73	
10/14/2014 21:00	2.09	
10/15/2014 00:00	3.13	
10/15/2014 03:00	0.16	
10/15/2014 06:00	2.87	
10/15/2014 09:00	2.07	
10/15/2014 12:00	0.08	
10/15/2014 15:00	2.02	
10/15/2014 18:00	2.06	
10/15/2014 21:00	1.41	
10/16/2014 00:00	0.58	
10/16/2014 03:00	0.50	
10/16/2014 06:00	0.21	
10/16/2014 09:00	0.11	
10/16/2014 12:00	0.01	
10/16/2014 15:00	4.79	

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/16/2014 18:00	0.65	
10/16/2014 21:00	0.70	
10/17/2014 00:00	2.28	
10/17/2014 03:00	0.27	
10/17/2014 06:00	0.72	
10/17/2014 09:00	2.76	
10/17/2014 12:00	1.45	
10/17/2014 15:00	2.62	
10/17/2014 18:00	2.85	
10/17/2014 21:00	4.02	
10/18/2014 00:00	6.18	
10/18/2014 03:00	0.91	
10/18/2014 06:00	0.05	
10/18/2014 09:00	0.10	
10/18/2014 12:00	0.02	
10/18/2014 15:00	2.15	
10/18/2014 18:00	2.66	
10/18/2014 21:00	4.47	
10/19/2014 00:00	0.33	
10/19/2014 03:00	1.96	
10/19/2014 06:00	4.66	
10/19/2014 09:00	2.00	
10/19/2014 12:00	2.55	
10/19/2014 15:00	0.00	
10/19/2014 18:00	0.00	
10/19/2014 21:00	0.00	
10/20/2014 00:00	0.00	
10/20/2014 03:00	0.00	
10/20/2014 06:00	6.29	
10/20/2014 09:00	7.49	
10/20/2014 12:00	1.28	
10/20/2014 15:00	0.01	
10/20/2014 18:00	1.48	
10/20/2014 21:00	2.38	
10/21/2014 00:00	0.00	
10/21/2014 03:00	1.36	
10/21/2014 06:00	5.43	
10/21/2014 09:00	0.74	
10/21/2014 12:00	2.71	
10/21/2014 15:00	2.32	
10/21/2014 18:00	0.16	
10/21/2014 21:00	1.76	
10/22/2014 00:00	1.89	
10/22/2014 03:00	2.24	
10/22/2014 06:00	0.53	
10/22/2014 09:00	0.22	
10/22/2014 12:00	0.05	
10/22/2014 15:00	1.46	
10/22/2014 18:00	0.33	
10/22/2014 21:00	1.43	
10/23/2014 00:00	0.20	
10/23/2014 03:00	1.17	
10/23/2014 06:00	1.43	
10/23/2014 09:00	1.67	
10/23/2014 12:00	0.49	
10/23/2014 15:00	0.42	
10/23/2014 18:00	0.31	
10/23/2014 21:00	0.00	
10/24/2014 00:00	0.01	
10/24/2014 03:00	1.59	
10/24/2014 06:00	0.86	
10/24/2014 09:00	4.17	
10/24/2014 12:00	4.27	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
10/24/2014 15:00	0.51	
10/24/2014 18:00	0.00	
10/24/2014 21:00	1.31	
10/25/2014 00:00	1.00	
10/25/2014 03:00	2.33	
10/25/2014 06:00	6.76	
10/25/2014 09:00	8.86	
10/25/2014 12:00	5.13	
10/25/2014 15:00	0.83	
10/25/2014 18:00	1.23	
10/25/2014 21:00	0.89	
10/26/2014 00:00	0.00	
10/26/2014 03:00	0.00	
10/26/2014 06:00	0.00	
10/26/2014 09:00	0.03	
10/26/2014 12:00	0.00	
10/26/2014 15:00	0.03	
10/26/2014 18:00	7.67	
10/26/2014 21:00	0.39	
10/27/2014 00:00	0.15	
10/27/2014 03:00	0.11	
10/27/2014 06:00	0.65	
10/27/2014 09:00	1.61	
10/27/2014 12:00	2.82	
10/27/2014 15:00	2.44	
10/27/2014 18:00	1.05	
10/27/2014 21:00	0.66	
10/28/2014 00:00	0.27	
10/28/2014 03:00	1.47	
10/28/2014 06:00	4.08	
10/28/2014 09:00	2.12	
10/28/2014 12:00	2.94	
10/28/2014 15:00	0.79	
10/28/2014 18:00	0.18	
10/28/2014 21:00	0.88	
10/29/2014 00:00	0.20	
10/29/2014 03:00	0.17	
10/29/2014 06:00	1.45	
10/29/2014 09:00	1.79	
10/29/2014 12:00	0.92	
10/29/2014 15:00	4.15	
10/29/2014 18:00	4.88	
10/29/2014 21:00	3.05	
10/30/2014 00:00	1.23	
10/30/2014 03:00	0.08	
10/30/2014 06:00	1.81	
10/30/2014 09:00	0.13	
10/30/2014 12:00	0.05	
10/30/2014 15:00	0.04	
10/30/2014 18:00	0.06	
10/30/2014 21:00	0.06	
10/31/2014 00:00	0.06	
10/31/2014 03:00	0.06	
10/31/2014 06:00	2.29	
10/31/2014 09:00	2.05	
10/31/2014 12:00	2.31	
10/31/2014 15:00	0.15	
10/31/2014 18:00	0.04	
10/31/2014 21:00	1.99	
11/01/2014 00:00	1.24	
11/01/2014 03:00	1.82	
11/01/2014 06:00	3.49	
11/01/2014 09:00	0.12	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/01/2014 12:00	0.12	
11/01/2014 15:00	0.14	
11/01/2014 18:00	0.79	
11/01/2014 21:00	4.66	
11/02/2014 00:00	3.63	
11/02/2014 03:00	3.91	
11/02/2014 06:00	6.28	
11/02/2014 09:00	2.02	
11/02/2014 12:00	2.73	
11/02/2014 15:00	2.54	
11/02/2014 18:00	3.24	
11/02/2014 21:00	4.49	
11/03/2014 00:00	5.43	
11/03/2014 03:00	5.02	
11/03/2014 06:00	3.97	
11/03/2014 09:00	4.11	
11/03/2014 12:00	1.29	
11/03/2014 15:00	0.05	
11/03/2014 18:00	0.77	
11/03/2014 21:00	1.59	
11/04/2014 00:00	0.39	
11/04/2014 03:00	1.45	
11/04/2014 06:00	0.64	
11/04/2014 09:00	0.08	
11/04/2014 12:00	0.41	
11/04/2014 15:00	2.04	
11/04/2014 18:00	2.61	
11/04/2014 21:00	1.19	
11/05/2014 00:00	1.20	
11/05/2014 03:00	1.09	
11/05/2014 06:00	0.90	
11/05/2014 09:00	3.34	
11/05/2014 12:00	3.51	
11/05/2014 15:00	1.63	
11/05/2014 18:00	2.41	
11/05/2014 21:00	2.53	
11/06/2014 00:00	5.86	
11/06/2014 03:00	0.22	
11/06/2014 06:00	0.15	
11/06/2014 09:00	1.99	
11/06/2014 12:00	3.04	
11/06/2014 15:00	2.57	
11/06/2014 18:00	0.57	
11/06/2014 21:00	1.06	
11/07/2014 00:00	0.44	
11/07/2014 03:00	0.00	
11/07/2014 06:00	0.46	
11/07/2014 09:00	7.19	
11/07/2014 12:00	3.69	
11/07/2014 15:00	2.46	
11/07/2014 18:00	0.10	
11/07/2014 21:00	0.03	
11/08/2014 00:00	0.00	
11/08/2014 03:00	0.01	
11/08/2014 06:00	2.59	
11/08/2014 09:00	2.48	
11/08/2014 12:00	2.30	
11/08/2014 15:00	0.00	
11/08/2014 18:00	0.04	
11/08/2014 21:00	0.02	
11/09/2014 00:00	0.00	
11/09/2014 03:00	0.00	
11/09/2014 06:00	0.12	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/09/2014 09:00	0.46	
11/09/2014 12:00	0.00	
11/09/2014 15:00	0.35	
11/09/2014 18:00	1.57	
11/09/2014 21:00	0.00	
11/10/2014 00:00	0.00	
11/10/2014 03:00	0.00	
11/10/2014 06:00	0.00	
11/10/2014 09:00	0.03	
11/10/2014 12:00	0.02	
11/10/2014 15:00	0.00	
11/10/2014 18:00	0.00	
11/10/2014 21:00	0.00	
11/11/2014 00:00	0.00	
11/11/2014 03:00	0.00	
11/11/2014 06:00	0.00	
11/11/2014 09:00	1.59	
11/11/2014 12:00	0.12	
11/11/2014 15:00	0.15	
11/11/2014 18:00	0.12	
11/11/2014 21:00	0.10	
11/12/2014 00:00	0.09	
11/12/2014 03:00	0.07	
11/12/2014 06:00	0.10	
11/12/2014 09:00	0.19	
11/12/2014 12:00	0.21	
11/12/2014 15:00	0.47	
11/12/2014 18:00	0.24	
11/12/2014 21:00	0.15	
11/13/2014 00:00	0.23	
11/13/2014 03:00	0.16	
11/13/2014 06:00	0.10	
11/13/2014 09:00	0.31	
11/13/2014 12:00	0.15	
11/13/2014 15:00	0.07	
11/13/2014 18:00	0.10	
11/13/2014 21:00	0.12	
11/14/2014 00:00	1.73	
11/14/2014 03:00	1.12	
11/14/2014 06:00	1.23	
11/14/2014 09:00	0.67	
11/14/2014 12:00	0.71	
11/14/2014 15:00	1.59	
11/14/2014 18:00	1.11	
11/14/2014 21:00	3.38	
11/15/2014 00:00	3.30	
11/15/2014 03:00	2.53	
11/15/2014 06:00	0.74	
11/15/2014 09:00	0.43	
11/15/2014 12:00	1.34	
11/15/2014 15:00	0.75	
11/15/2014 18:00	1.20	
11/15/2014 21:00	1.21	
11/16/2014 00:00	2.17	
11/16/2014 03:00	1.55	
11/16/2014 06:00	0.61	
11/16/2014 09:00	0.30	
11/16/2014 12:00	0.67	
11/16/2014 15:00	1.06	
11/16/2014 18:00	0.44	
11/16/2014 21:00	1.05	
11/17/2014 00:00	2.21	
11/17/2014 03:00	0.72	

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/17/2014 06:00	2.59	
11/17/2014 09:00	2.44	
11/17/2014 12:00	0.43	
11/17/2014 15:00	0.00	
11/17/2014 18:00	0.00	
11/17/2014 21:00	0.00	
11/18/2014 00:00	0.01	
11/18/2014 03:00	0.00	
11/18/2014 06:00	0.23	
11/18/2014 09:00	0.40	
11/18/2014 12:00	0.96	
11/18/2014 15:00	1.66	
11/18/2014 18:00	0.42	
11/18/2014 21:00	0.38	
11/19/2014 00:00	0.36	
11/19/2014 03:00	0.00	
11/19/2014 06:00	0.00	
11/19/2014 09:00	0.29	
11/19/2014 12:00	0.93	
11/19/2014 15:00	2.67	
11/19/2014 18:00	4.77	
11/19/2014 21:00	0.89	
11/20/2014 00:00	1.08	
11/20/2014 03:00	0.50	
11/20/2014 06:00	0.20	
11/20/2014 09:00	0.30	
11/20/2014 12:00	0.03	
11/20/2014 15:00	0.00	
11/20/2014 18:00	0.03	
11/20/2014 21:00	0.01	
11/21/2014 00:00	0.00	
11/21/2014 03:00	0.00	
11/21/2014 06:00	0.00	
11/21/2014 09:00	0.02	
11/21/2014 12:00	0.05	
11/21/2014 15:00	1.21	
11/21/2014 18:00	2.46	
11/21/2014 21:00	0.63	
11/22/2014 00:00	3.52	
11/22/2014 03:00	2.25	
11/22/2014 06:00	0.92	
11/22/2014 09:00	0.61	
11/22/2014 12:00	0.25	
11/22/2014 15:00	0.12	
11/22/2014 18:00	0.46	
11/22/2014 21:00	0.83	
11/23/2014 00:00	1.16	
11/23/2014 03:00	4.44	
11/23/2014 06:00	0.10	
11/23/2014 09:00	3.38	
11/23/2014 12:00	3.12	
11/23/2014 15:00	0.35	
11/23/2014 18:00	0.63	
11/23/2014 21:00	1.62	
11/24/2014 00:00	2.11	
11/24/2014 03:00	0.44	
11/24/2014 06:00	0.65	
11/24/2014 09:00	8.56	
11/24/2014 12:00	2.72	
11/24/2014 15:00	1.56	
11/24/2014 18:00	0.50	
11/24/2014 21:00	0.71	
11/25/2014 00:00	0.73	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
11/25/2014 03:00	1.23	
11/25/2014 06:00	1.47	
11/25/2014 09:00	1.34	
11/25/2014 12:00	2.27	
11/25/2014 15:00	3.19	
11/25/2014 18:00	0.11	
11/25/2014 21:00	0.08	
11/26/2014 00:00	0.03	
11/26/2014 03:00	0.08	
11/26/2014 06:00	0.06	
11/26/2014 09:00	0.11	
11/26/2014 12:00	0.16	
11/26/2014 15:00	0.06	
11/26/2014 18:00	0.02	
11/26/2014 21:00	0.02	
11/27/2014 00:00	0.01	
11/27/2014 03:00	0.00	
11/27/2014 06:00	0.00	
11/27/2014 09:00	0.07	
11/27/2014 12:00	0.00	
11/27/2014 15:00	0.00	
11/27/2014 18:00	0.00	
11/27/2014 21:00	0.00	
11/28/2014 00:00	1.60	
11/28/2014 03:00	0.01	
11/28/2014 06:00	0.05	
11/28/2014 09:00	1.20	
11/28/2014 12:00	0.60	
11/28/2014 15:00	0.00	
11/28/2014 18:00	0.00	
11/28/2014 21:00	0.00	
11/29/2014 00:00	0.00	
11/29/2014 03:00	0.00	
11/29/2014 06:00	0.00	
11/29/2014 09:00	0.05	
11/29/2014 12:00	0.00	
11/29/2014 15:00	0.43	
11/29/2014 18:00	1.47	
11/29/2014 21:00	0.21	
11/30/2014 00:00	1.11	
11/30/2014 03:00	0.12	
11/30/2014 06:00	0.01	
11/30/2014 09:00	0.06	
11/30/2014 12:00	0.00	
11/30/2014 15:00	0.00	
11/30/2014 18:00	0.00	
11/30/2014 21:00	0.00	
12/01/2014 00:00	0.00	
12/01/2014 03:00	0.00	
12/01/2014 06:00	0.00	
12/01/2014 09:00	0.07	
12/01/2014 12:00	0.00	
12/01/2014 15:00	0.00	
12/01/2014 18:00	0.00	
12/01/2014 21:00	0.00	
12/02/2014 00:00	0.00	
12/02/2014 03:00	0.02	
12/02/2014 06:00	0.00	
12/02/2014 09:00	0.07	
12/02/2014 12:00	0.92	
12/02/2014 15:00	0.62	
12/02/2014 18:00	0.04	
12/02/2014 21:00	0.05	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/03/2014 00:00	0.02	
12/03/2014 03:00	0.06	
12/03/2014 06:00	0.01	
12/03/2014 09:00	0.61	
12/03/2014 12:00	0.49	
12/03/2014 15:00	0.64	
12/03/2014 18:00	0.23	
12/03/2014 21:00	1.09	
12/04/2014 00:00	0.03	
12/04/2014 03:00	0.06	
12/04/2014 06:00	0.65	
12/04/2014 09:00	1.10	
12/04/2014 12:00	0.66	
12/04/2014 15:00	0.00	
12/04/2014 18:00	0.00	
12/04/2014 21:00	0.02	
12/05/2014 00:00	0.00	
12/05/2014 03:00	0.00	
12/05/2014 06:00	0.00	
12/05/2014 09:00	0.07	
12/05/2014 12:00	0.00	
12/05/2014 15:00	0.01	
12/05/2014 18:00	0.05	
12/05/2014 21:00	0.03	
12/06/2014 00:00	0.01	
12/06/2014 03:00	0.01	
12/06/2014 06:00	0.06	
12/06/2014 09:00	0.16	
12/06/2014 12:00	0.01	
12/06/2014 15:00	0.04	
12/06/2014 18:00	0.01	
12/06/2014 21:00	0.00	
12/07/2014 00:00	0.02	
12/07/2014 03:00	0.00	
12/07/2014 06:00	0.02	
12/07/2014 09:00	0.04	
12/07/2014 12:00	0.00	
12/07/2014 15:00	1.81	
12/07/2014 18:00	1.46	
12/07/2014 21:00	1.04	
12/08/2014 00:00	0.00	
12/08/2014 03:00	0.27	
12/08/2014 06:00	0.38	
12/08/2014 09:00	0.13	
12/08/2014 12:00	0.77	
12/08/2014 15:00	2.21	
12/08/2014 18:00	1.83	
12/08/2014 21:00	0.43	
12/09/2014 00:00	0.01	
12/09/2014 03:00	0.00	
12/09/2014 06:00	0.00	
12/09/2014 09:00	0.07	
12/09/2014 12:00	0.01	
12/09/2014 15:00	0.00	
12/09/2014 18:00	0.00	
12/09/2014 21:00	0.12	
12/10/2014 00:00	0.00	
12/10/2014 03:00	0.00	
12/10/2014 06:00	0.04	
12/10/2014 09:00	0.06	
12/10/2014 12:00	0.64	
12/10/2014 15:00	2.48	
12/10/2014 18:00	7.24	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/10/2014 21:00	4.81	
12/11/2014 00:00	2.60	
12/11/2014 03:00	1.81	
12/11/2014 06:00	0.01	
12/11/2014 09:00	0.05	
12/11/2014 12:00	0.01	
12/11/2014 15:00	0.03	
12/11/2014 18:00	0.00	
12/11/2014 21:00	0.00	
12/12/2014 00:00	0.21	
12/12/2014 03:00	0.10	
12/12/2014 06:00	0.62	
12/12/2014 09:00	0.24	
12/12/2014 12:00	0.00	
12/12/2014 15:00	0.00	
12/12/2014 18:00	0.00	
12/12/2014 21:00	0.00	
12/13/2014 00:00	0.37	
12/13/2014 03:00	0.08	
12/13/2014 06:00	0.00	
12/13/2014 09:00	0.04	
12/13/2014 12:00	0.11	
12/13/2014 15:00	0.00	
12/13/2014 18:00	0.79	
12/13/2014 21:00	3.38	
12/14/2014 00:00	2.48	
12/14/2014 03:00	3.63	
12/14/2014 06:00	1.22	
12/14/2014 09:00	1.73	
12/14/2014 12:00	3.56	
12/14/2014 15:00	0.37	
12/14/2014 18:00	1.71	
12/14/2014 21:00	3.66	
12/15/2014 00:00	0.33	
12/15/2014 03:00	2.68	
12/15/2014 06:00	5.86	
12/15/2014 09:00	0.00	
12/15/2014 12:00	0.00	
12/15/2014 15:00	0.00	
12/15/2014 18:00	0.01	
12/15/2014 21:00	0.00	
12/16/2014 00:00	0.00	
12/16/2014 03:00	1.95	
12/16/2014 06:00	0.01	
12/16/2014 09:00	0.41	
12/16/2014 12:00	1.29	
12/16/2014 15:00	0.24	
12/16/2014 18:00	0.14	
12/16/2014 21:00	1.22	
12/17/2014 00:00	1.50	
12/17/2014 03:00	1.95	
12/17/2014 06:00	4.50	
12/17/2014 09:00	3.60	
12/17/2014 12:00	4.87	
12/17/2014 15:00	5.70	
12/17/2014 18:00	0.77	
12/17/2014 21:00	1.63	
12/18/2014 00:00	1.93	
12/18/2014 03:00	2.82	
12/18/2014 06:00	4.42	
12/18/2014 09:00	1.65	
12/18/2014 12:00	2.75	
12/18/2014 15:00	0.41	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/18/2014 18:00	1.61	
12/18/2014 21:00	0.53	
12/19/2014 00:00	0.15	
12/19/2014 03:00	0.14	
12/19/2014 06:00	0.13	
12/19/2014 09:00	0.72	
12/19/2014 12:00	0.69	
12/19/2014 15:00	1.00	
12/19/2014 18:00	2.19	
12/19/2014 21:00	7.13	
12/20/2014 00:00	2.91	
12/20/2014 03:00	4.00	
12/20/2014 06:00	4.46	
12/20/2014 09:00	0.77	
12/20/2014 12:00	0.41	
12/20/2014 15:00	3.03	
12/20/2014 18:00	0.43	
12/20/2014 21:00	2.28	
12/21/2014 00:00	0.61	
12/21/2014 03:00	0.91	
12/21/2014 06:00	0.36	
12/21/2014 09:00	0.21	
12/21/2014 12:00	1.14	
12/21/2014 15:00	0.76	
12/21/2014 18:00	0.18	
12/21/2014 21:00	0.19	
12/22/2014 00:00	0.22	
12/22/2014 03:00	0.24	
12/22/2014 06:00	0.23	
12/22/2014 09:00	0.26	
12/22/2014 12:00	0.19	
12/22/2014 15:00	0.22	
12/22/2014 18:00	0.29	
12/22/2014 21:00	0.17	
12/23/2014 00:00	0.18	
12/23/2014 03:00	0.15	
12/23/2014 06:00	0.18	
12/23/2014 09:00	0.24	
12/23/2014 12:00	0.20	
12/23/2014 15:00	0.20	
12/23/2014 18:00	2.08	
12/23/2014 21:00	2.44	
12/24/2014 00:00	1.84	
12/24/2014 03:00	0.16	
12/24/2014 06:00	0.69	
12/24/2014 09:00	3.06	
12/24/2014 12:00	1.55	
12/24/2014 15:00	0.17	
12/24/2014 18:00	0.92	
12/24/2014 21:00	1.93	
12/25/2014 00:00	2.44	
12/25/2014 03:00	2.63	
12/25/2014 06:00	6.25	
12/25/2014 09:00	0.52	
12/25/2014 12:00	2.17	
12/25/2014 15:00	0.94	
12/25/2014 18:00	2.39	
12/25/2014 21:00	1.50	
12/26/2014 00:00	0.81	
12/26/2014 03:00	1.71	
12/26/2014 06:00	5.69	
12/26/2014 09:00	4.78	
12/26/2014 12:00	1.55	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
12/26/2014 15:00	3.56	
12/26/2014 18:00	1.24	
12/26/2014 21:00	4.24	
12/27/2014 00:00	4.75	
12/27/2014 03:00	3.53	
12/27/2014 06:00	2.05	
12/27/2014 09:00	2.89	
12/27/2014 12:00	4.27	
12/27/2014 15:00	1.98	
12/27/2014 18:00	5.40	
12/27/2014 21:00	5.01	
12/28/2014 00:00	2.17	
12/28/2014 03:00	1.20	
12/28/2014 06:00	0.13	
12/28/2014 09:00	0.17	
12/28/2014 12:00	0.11	
12/28/2014 15:00	0.12	
12/28/2014 18:00	0.12	
12/28/2014 21:00	0.16	
12/29/2014 00:00	1.61	
12/29/2014 03:00	1.46	
12/29/2014 06:00	0.16	
12/29/2014 09:00	0.75	
12/29/2014 12:00	1.52	
12/29/2014 15:00	2.77	
12/29/2014 18:00	2.52	
12/29/2014 21:00	2.93	
12/30/2014 00:00	1.54	
12/30/2014 03:00	0.63	
12/30/2014 06:00	1.93	
12/30/2014 09:00	6.66	
12/30/2014 12:00	1.80	
12/30/2014 15:00	0.88	
12/30/2014 18:00	2.85	
12/30/2014 21:00	4.23	
12/31/2014 00:00	1.83	
12/31/2014 03:00	3.93	
12/31/2014 06:00	2.62	
12/31/2014 09:00	3.19	
12/31/2014 12:00	2.53	
12/31/2014 15:00	2.01	
12/31/2014 18:00	0.75	
12/31/2014 21:00	2.32	
	0	Number of Events
		Total Emissions for the Quarter
	3090.21	(LBS)
	1.55	(Tons)

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-14	06:47 AM	07:09 AM	22	Calibration Check		16-Nov-14	09:13 AM	09:35 AM	22	Calibration Check
02-Oct-14	06:32 AM	06:47 AM	15	Calibration Check		17-Nov-14	06:53 AM	07:07 AM	14	Calibration Check
03-Oct-14	07:31 AM	07:53 AM	22	Calibration Check		18-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
04-Oct-14	07:50 AM	08:12 AM	22	Calibration Check		19-Nov-14	06:38 AM	06:52 AM	14	Calibration Check
05-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		20-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
06-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		21-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
07-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		22-Nov-14	06:20 AM	06:34 AM	14	Calibration Check
08-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		23-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
09-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		24-Nov-14	06:20 AM	06:41 AM	21	Calibration Check
10-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		25-Nov-14	06:29 AM	06:50 AM	21	Calibration Check
11-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		26-Nov-14	07:02 AM	07:24 AM	22	Calibration Check
12-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		27-Nov-14	06:35 AM	06:56 AM	21	Calibration Check
13-Oct-14	06:01 AM	06:23 AM	22	Calibration Check		28-Nov-14	07:49 AM	08:11 AM	22	Calibration Check
14-Oct-14	06:46 AM	07:08 AM	22	Calibration Check		29-Nov-14	07:23 AM	07:44 AM	21	Calibration Check
15-Oct-14	06:36 AM	06:58 AM	22	Calibration Check		30-Nov-14	06:30 AM	06:51 AM	21	Calibration Check
16-Oct-14	06:25 AM	06:46 AM	21	Calibration Check		01-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
17-Oct-14	06:36 AM	06:57 AM	21	Calibration Check		02-Dec-14	06:30 AM	06:52 AM	22	Calibration Check
18-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		03-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
19-Oct-14	06:35 AM	06:56 AM	21	Calibration Check		04-Dec-14	07:14 AM	07:29 AM	15	Calibration Check
20-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		05-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
21-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		06-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
22-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		07-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
23-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		08-Dec-14	07:13 AM	07:34 AM	21	Calibration Check
24-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		09-Dec-14	05:42 AM	06:03 AM	21	Calibration Check
25-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		10-Dec-14	05:49 AM	06:10 AM	21	Calibration Check
26-Oct-14	06:20 AM	06:41 AM	21	Calibration Check		11-Dec-14	06:03 AM	06:25 AM	22	Calibration Check
27-Oct-14	06:14 AM	06:36 AM	22	Calibration Check		12-Dec-14	06:42 AM	07:03 AM	21	Calibration Check
28-Oct-14	06:39 AM	07:00 AM	21	Calibration Check		13-Dec-14	09:10 AM	09:32 AM	22	Calibration Check
29-Oct-14	06:37 AM	06:59 AM	22	Calibration Check		14-Dec-14	08:15 AM	08:37 AM	22	Calibration Check
30-Oct-14	06:51 AM	07:12 AM	21	Calibration Check		15-Dec-14	05:09 AM	05:31 AM	22	Calibration Check
31-Oct-14	06:48 AM	07:10 AM	22	Calibration Check		16-Dec-14	05:46 AM	06:08 AM	22	Calibration Check
01-Nov-14	06:13 AM	06:28 AM	15	Calibration Check		17-Dec-14	05:57 AM	06:18 AM	21	Calibration Check
02-Nov-14	06:20 AM	06:34 AM	14	Calibration Check		18-Dec-14	05:40 AM	06:01 AM	21	Calibration Check
03-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		19-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
04-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		20-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
05-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		21-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
06-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		22-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
07-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		23-Dec-14	07:21 AM	07:43 AM	22	Calibration Check
08-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	07:48 AM	08:09 AM	21	Calibration Check
09-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		24-Dec-14	08:16 AM	08:30 AM	14	Re-calibration
10-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		25-Dec-14	11:56 AM	12:17 PM	21	Calibration Check
11-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		26-Dec-14	07:35 AM	07:56 AM	21	Calibration Check
12-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		27-Dec-14	09:41 AM	10:03 AM	22	Calibration Check
13-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		28-Dec-14	06:35 AM	06:56 AM	21	Calibration Check
14-Nov-14	06:20 AM	06:41 AM	21	Calibration Check		29-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
15-Nov-14	08:16 AM	08:38 AM	22	Calibration Check		30-Dec-14	07:46 AM	07:54 AM	8	Calibration Check
						31-Dec-14	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			958						930	
Total minutes for quality assurance:										
			Minutes							
			1888							

SOX MONITOR
DOWNTIME

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

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
WORK ON THIS ANALYZER						
10/26/2014	8:00 PM	8:12 PM	12	Checked for Drift	Manual Calibration	On Hazardous Waste
11/2/2014	1:01 AM	1:12 AM	11	Checked for Drift	None	On Hazardous Waste
11/3/2014	2:20 AM	2:32 AM	12	Checked for Drift	None - Checked well	On Hazardous Waste
11/14/2014	10:00 PM	10:10 PM	10	Checking Analyzer	None - Checked well	On Hazardous Waste
12/27/2014	5 07 PM	5:30 PM	23	Checking Analyzer	None - Checked well	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
12/24/2014	8:16 AM	8:30 AM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
11/21/2014	12:01 PM	12:11 PM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
12/2/2014	5.35 AM	5:40 AM	5	OTHER ANALYZER WORK DONE (Wet O2)	None - Checked well	On Hazardous Waste
12/4/2014	7:05 AM	7:13 AM	8	OTHER ANALYZER WORK DONE (Nox)	Changed Pump	On Hazardous Waste
12/4/2014	7:35 AM	7:53 AM	18	OTHER ANALYZER WORK DONE (THC #1)	d pump for second time first pu	On Hazardous Waste
12/30/2014	7:34 AM	7:44 AM	10	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:					**130,653**	
TOTAL DOWNTIME OF CEM SYSTEM:					**133**	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**133**	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**130,520**	
SYSTEM AVAILABILITY					**99.9%**	

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.		

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
10/13/2014 14:06	92.5	42	Maintenance - Lens Cleaning	Completed Maintenance
11/06/2014 15:18	20.4	18	Quarterly Stack Audit	None
		60	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	10/13/2014 14:06	53.35	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
2	10/13/2014 14:12	92.17	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
3	10/13/2014 14:18	92.50	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
4	10/13/2014 14:24	80.26	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
5	10/13/2014 14:30	20.92	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
6	10/13/2014 15:06	33.38	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
7	10/13/2014 15:12	33.49	Maintenance - Lens Cleaning	Completed Maintenance	Waste	Yes	No
8	11/06/2014 15:18	20.42	Quarterly Stack Audit	None	Waste	Yes	No
9	11/06/2014 15:54	29.87	Quarterly Stack Audit	None	Waste	Yes	No
10	11/06/2014 16:00	43.20	Quarterly Stack Audit	None	Waste	Yes	No
		10	Total 6-Minute Averages in Exceedance				
		2	Number of Events				

Flows-Opacity - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		16-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
02-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		17-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
03-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		18-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
04-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		19-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
05-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		20-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
06-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		21-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
07-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		22-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
08-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		23-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
09-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		24-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
10-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		25-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
11-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		26-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
12-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		27-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
13-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		28-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
14-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		29-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
15-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		30-Nov-14	06:16 AM	06:23 AM	7	Calibration Check
16-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		01-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
17-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		02-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
18-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		03-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
19-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		04-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
20-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		05-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
21-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		06-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
22-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		07-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
23-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		08-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
24-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		09-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
25-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		10-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
26-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		11-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
27-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		12-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
28-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		13-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
29-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		14-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
30-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		15-Dec-14	05:22 AM	05:29 AM	7	Calibration Check
31-Oct-14	06:16 AM	06:23 AM	7	Calibration Check		16-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
01-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		17-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
02-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		18-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
03-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		19-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
04-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		20-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
05-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		21-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
06-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		22-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
07-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		23-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
08-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		24-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
09-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		25-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
10-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		26-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
11-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		27-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
12-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		28-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
13-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		29-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
14-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		30-Dec-14	06:16 AM	06:23 AM	7	Calibration Check
15-Nov-14	06:16 AM	06:23 AM	7	Calibration Check		31-Dec-14	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	Incinerator Operation
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:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					0	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,653	
SYSTEM AVAILABILITY					100.0%	

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
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:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					0	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,653	
SYSTEM AVAILABILITY					100.0%	

OPACITY MONITOR
PREVENTIVE MAINTENANCE

Date	Duration	Activity
6-Nov-14	120	Audit
Total Minutes:	120	
(e.g., blowback, manual adjustment to monitor)		

Emissions Limits:
95.26 Tons/Year

CO EXCESS
EMISSIONS REPORT

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

	Total CO emissions for the quarter:			
			lbs	tons
			9120	4.56

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Oct-14	07:17 AM	07:28 AM	11	Calibration Check		16-Nov-14	10:14 AM	10:25 AM	11	Calibration Check
02-Oct-14	06:17 AM	06:29 AM	12	Calibration Check		17-Nov-14	06:38 AM	06:49 AM	11	Calibration Check
03-Oct-14	08:01 AM	08:12 AM	11	Calibration Check		18-Nov-14	06:40 AM	06:51 AM	11	Calibration Check
04-Oct-14	08:24 AM	08:35 AM	11	Calibration Check		19-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
05-Oct-14	07:23 AM	07:34 AM	11	Calibration Check		20-Nov-14	06:42 AM	06:53 AM	11	Calibration Check
06-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		21-Nov-14	07:28 AM	07:36 AM	8	Calibration Check
07-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		22-Nov-14	06:50 AM	06:58 AM	8	Calibration Check
08-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		23-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
09-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		24-Nov-14	06:50 AM	07:01 AM	11	Calibration Check
10-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		25-Nov-14	06:55 AM	07:06 AM	11	Calibration Check
11-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		26-Nov-14	07:29 AM	07:40 AM	11	Calibration Check
12-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		27-Nov-14	07:00 AM	07:12 AM	12	Calibration Check
13-Oct-14	07:12 AM	07:23 AM	11	Calibration Check		28-Nov-14	08:20 AM	08:31 AM	11	Calibration Check
14-Oct-14	07:12 AM	07:23 AM	11	Calibration Check		29-Nov-14	08:09 AM	08:20 AM	11	Calibration Check
15-Oct-14	07:03 AM	07:14 AM	11	Calibration Check		30-Nov-14	06:57 AM	07:08 AM	11	Calibration Check
16-Oct-14	06:53 AM	07:04 AM	11	Calibration Check		01-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
17-Oct-14	07:03 AM	07:14 AM	11	Calibration Check		02-Dec-14	07:14 AM	07:25 AM	11	Calibration Check
18-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		03-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
19-Oct-14	07:02 AM	07:13 AM	11	Calibration Check		04-Dec-14	08:00 AM	08:11 AM	11	Calibration Check
20-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		05-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
21-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		06-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
22-Oct-14	06:58 AM	07:10 AM	12	Calibration Check		07-Dec-14	07:14 AM	07:22 AM	8	Calibration Check
23-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		08-Dec-14	08:26 AM	08:34 AM	8	Calibration Check
24-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		09-Dec-14	09:45 AM	09:53 AM	8	Calibration Check
25-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		10-Dec-14	06:52 AM	07:03 AM	11	Calibration Check
26-Oct-14	06:50 AM	07:01 AM	11	Calibration Check		11-Dec-14	06:38 AM	06:49 AM	11	Calibration Check
27-Oct-14	06:41 AM	06:53 AM	12	Calibration Check		12-Dec-14	07:08 AM	07:19 AM	11	Calibration Check
28-Oct-14	07:04 AM	07:16 AM	12	Calibration Check		13-Dec-14	09:37 AM	09:48 AM	11	Calibration Check
29-Oct-14	07:04 AM	07:15 AM	11	Calibration Check		14-Dec-14	08:41 AM	08:52 AM	11	Calibration Check
30-Oct-14	07:16 AM	07:27 AM	11	Calibration Check		15-Dec-14	04:55 AM	05:06 AM	11	Calibration Check
31-Oct-14	06:29 AM	06:40 AM	11	Calibration Check		16-Dec-14	06:12 AM	06:23 AM	11	Calibration Check
01-Nov-14	05:51 AM	06:02 AM	11	Calibration Check		17-Dec-14	06:43 AM	06:51 AM	8	Calibration Check
02-Nov-14	06:58 AM	07:04 AM	6	Calibration Check		18-Dec-14	06:08 AM	06:16 AM	8	Calibration Check
03-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		19-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
04-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		20-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
05-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		21-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
06-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		22-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
07-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		23-Dec-14	07:47 AM	07:58 AM	11	Calibration Check
08-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		24-Dec-14	08:35 AM	08:46 AM	11	Calibration Check
09-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		25-Dec-14	12:22 PM	12:33 PM	11	Calibration Check
10-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		26-Dec-14	07:19 AM	07:30 AM	11	Calibration Check
11-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		27-Dec-14	09:27 AM	09:38 AM	11	Calibration Check
12-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		28-Dec-14	07:04 AM	07:15 AM	11	Calibration Check
13-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		29-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
14-Nov-14	06:50 AM	07:01 AM	11	Calibration Check		30-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
15-Nov-14	08:42 AM	08:53 AM	11	Calibration Check		31-Dec-14	06:50 AM	07:01 AM	11	Calibration Check
			Minutes						**Minutes**	
			505						**486**	
Total minutes for quality assurance:										
			Minutes							
			991							

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						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					132,480	
TOTAL OPERATING TIME OF SOURCE:					130,653	
TOTAL DOWNTIME OF CEM SYSTEM:					0	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					130,653	
SYSTEM AVAILABILITY					100.0%	

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.		