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

April 30, 2015
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
1ST QUARTER 2015
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 **January 1 through March 31, 2015**.

"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

Key Words: Air / Quarterly Report /1st Quarter 2015 EER

File Name: Environ\Vince\EER Quarterly\151Q\ eer cover 151Q.doc

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
01/01/2015 00:00	01/01/2015 15:31	932	On Hazardous Waste
01/01/2015 15:32	01/01/2015 16:28	57	Retention
01/01/2015 16:29	01/03/2015 17:11	2923	On Hazardous Waste
01/03/2015 17:12	01/03/2015 17:25	14	Retention
01/03/2015 17:26	01/03/2015 18:07	42	On Hazardous Waste
01/03/2015 18:08	01/03/2015 18:49	42	Retention
01/03/2015 18:50	01/06/2015 06:00	3551	On Hazardous Waste
01/06/2015 06:01	01/06/2015 08:56	176	Retention
01/06/2015 08:57	01/08/2015 03:37	2561	On Hazardous Waste
01/08/2015 03:38	01/08/2015 04:36	59	Retention
01/08/2015 04:37	01/09/2015 00:24	1188	On Hazardous Waste
01/09/2015 00:25	01/09/2015 01:23	59	Retention
01/09/2015 01:24	01/09/2015 20:39	1156	On Hazardous Waste
01/09/2015 20:40	01/09/2015 21:33	54	Retention
01/09/2015 21:34	01/23/2015 12:23	19610	On Hazardous Waste
01/23/2015 12:24	01/23/2015 13:11	48	Retention
01/23/2015 13:12	01/30/2015 22:42	10651	On Hazardous Waste
01/30/2015 22:43	01/30/2015 23:15	33	Retention
01/30/2015 23:16	02/01/2015 19:37	2662	On Hazardous Waste
02/01/2015 19:38	02/01/2015 20:34	57	Retention
02/01/2015 20:35	02/02/2015 21:34	1500	On Hazardous Waste
02/02/2015 21:35	02/02/2015 22:12	38	Retention
02/02/2015 22:13	02/05/2015 17:36	4044	On Hazardous Waste
02/05/2015 17:37	02/05/2015 17:46	10	Retention
02/05/2015 17:47	02/08/2015 14:14	4108	On Hazardous Waste
02/08/2015 14:15	02/08/2015 14:30	16	Retention
02/08/2015 14:31	02/09/2015 09:17	1127	On Hazardous Waste
02/09/2015 09:18	02/09/2015 10:35	78	Retention
02/09/2015 10:36	02/12/2015 16:09	4654	On Hazardous Waste
02/12/2015 16:10	02/12/2015 16:18	9	Retention
02/12/2015 16:19	02/12/2015 16:37	19	On Hazardous Waste
02/12/2015 16:38	02/12/2015 17:38	61	Retention
02/12/2015 17:39	02/13/2015 23:31	1793	On Hazardous Waste
02/13/2015 23:32	02/14/2015 02:27	176	Retention
02/14/2015 02:28	02/15/2015 17:58	2371	Offline
02/15/2015 17:59	02/15/2015 22:17	259	On Virgin Fuels
02/15/2015 22:18	02/15/2015 22:26	9	Offline
02/15/2015 22:27	02/16/2015 00:50	144	On Virgin Fuels
02/16/2015 00:51	02/16/2015 05:36	286	Offline
02/16/2015 05:37	02/16/2015 06:57	81	On Virgin Fuels
02/16/2015 06:58	02/16/2015 07:06	9	Offline
02/16/2015 07:07	02/16/2015 22:05	899	On Virgin Fuels
02/16/2015 22:06	02/16/2015 22:13	8	On Hazardous Waste
02/16/2015 22:14	02/17/2015 00:13	120	On Virgin Fuels
02/17/2015 00:14	02/17/2015 04:37	264	On Hazardous Waste
02/17/2015 04:38	02/17/2015 04:57	20	Retention
02/17/2015 04:58	02/17/2015 16:58	721	On Hazardous Waste
02/17/2015 16:59	02/17/2015 17:27	29	Retention
02/17/2015 17:28	02/18/2015 17:22	1435	On Hazardous Waste
02/18/2015 17:23	02/18/2015 17:56	34	Retention
02/18/2015 17:57	02/22/2015 23:18	6082	On Hazardous Waste
02/22/2015 23:19	02/23/2015 00:18	60	Retention
02/23/2015 00:19	02/24/2015 14:56	2318	On Hazardous Waste
02/24/2015 14:57	02/24/2015 14:57	1	Retention
02/24/2015 14:58	02/26/2015 14:08	2831	On Hazardous Waste
02/26/2015 14:09	02/26/2015 14:45	37	Retention
02/26/2015 14:46	02/26/2015 19:45	300	On Hazardous Waste
02/26/2015 19:46	02/26/2015 22:25	160	Retention
02/26/2015 22:26	02/27/2015 02:33	248	On Virgin Fuels
02/27/2015 02:34	03/04/2015 21:25	8332	On Hazardous Waste
03/04/2015 21:26	03/04/2015 22:24	59	Retention
03/04/2015 22:25	03/05/2015 07:53	569	On Hazardous Waste

Heritage Thermal Services
1st Quarter 2015

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
03/05/2015 07:54	03/05/2015 08:04	11	Retention
03/05/2015 08:05	03/05/2015 10:55	171	On Hazardous Waste
03/05/2015 10:56	03/05/2015 11:56	61	Retention
03/05/2015 11:57	03/06/2015 12:44	1488	On Hazardous Waste
03/06/2015 12:45	03/06/2015 12:53	9	Retention
03/06/2015 12:54	03/07/2015 11:03	1330	On Hazardous Waste
03/07/2015 11:04	03/07/2015 11:52	49	Retention
03/07/2015 11:53	03/08/2015 06:27	1115	On Hazardous Waste
03/08/2015 06:28	03/08/2015 06:30	3	Retention
03/08/2015 06:31	03/14/2015 01:00	8310	On Hazardous Waste
03/14/2015 01:01	03/14/2015 02:02	62	Retention
03/14/2015 02:03	03/15/2015 19:01	2459	On Hazardous Waste
03/15/2015 19:02	03/15/2015 20:38	97	Retention
03/15/2015 20:39	03/16/2015 05:52	554	On Hazardous Waste
03/16/2015 05:53	03/16/2015 05:58	6	Retention
03/16/2015 05:59	03/18/2015 00:54	2576	On Hazardous Waste
03/18/2015 00:55	03/19/2015 07:57	1863	Offline
03/19/2015 07:58	03/19/2015 16:21	504	Offline
03/19/2015 16:22	03/19/2015 16:25	4	Missing - Unit Offline
03/19/2015 16:26	03/19/2015 18:04	99	Offline
03/19/2015 18:05	03/19/2015 18:05	1	Missing - Unit Offline
03/19/2015 18:06	03/20/2015 14:39	1234	Offline
03/20/2015 14:40	03/21/2015 12:06	1287	Offline
03/21/2015 12:07	03/22/2015 06:35	1109	On Virgin Fuels
03/22/2015 06:36	03/22/2015 15:02	507	On Hazardous Waste
03/22/2015 15:03	03/22/2015 15:04	2	Retention
03/22/2015 15:05	03/24/2015 20:20	3196	On Hazardous Waste
03/24/2015 20:21	03/24/2015 20:36	16	Offline
03/24/2015 20:37	03/24/2015 20:37	1	On Virgin Fuels
03/24/2015 20:38	03/24/2015 20:43	6	Offline
03/24/2015 20:44	03/24/2015 20:44	1	On Virgin Fuels
03/24/2015 20:45	03/24/2015 21:08	24	Offline
03/24/2015 21:09	03/24/2015 21:49	41	On Virgin Fuels
03/24/2015 21:50	03/25/2015 18:16	1227	On Hazardous Waste
03/25/2015 18:17	03/25/2015 18:21	5	Offline
03/25/2015 18:22	03/25/2015 18:23	2	On Virgin Fuels
03/25/2015 18:24	03/25/2015 18:24	1	On Hazardous Waste
03/25/2015 18:25	03/25/2015 18:27	3	On Virgin Fuels
03/25/2015 18:28	03/31/2015 23:59	8972	On Hazardous Waste
		117287	On Hazardous Waste
		1687	Retention
		2908	On Virgin Fuels
		7713	Offline
		5	Missing - Unit Offline
		129600	Total
		129600	Minutes in Quarter

Temperature is Report on a One Hour Average

Kiln Temperature Summary
< 1718

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

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
01/06/2015 06:21	1241.6	155	Malfunction Power Failure	Repaired UPS. Restarted unit.
02/09/2015 09:33	1698.3	24	Malfunction Prior AWFCO	Restarted fan and unit
02/13/2015 23:49	731.2	159	Malfunction Boiler Tube	Shutdown unit. Repaired tube.
02/18/2015 17:38	1714.8	9	Malfunction Instrument	Repaired level indicator. Restarted unit.
		192	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	in Combustion Zone?	Automatic Waste Feed Cutoff?
1	01/06/2015 06:21	1710.80	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
2	01/06/2015 06:22	1700.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
3	01/06/2015 06:23	1690.99	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
4	01/06/2015 06:24	1681.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
5	01/06/2015 06:25	1671.83	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
6	01/06/2015 06:26	1662.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
7	01/06/2015 06:27	1652.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
8	01/06/2015 06:28	1642.13	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
9	01/06/2015 06:29	1631.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
10	01/06/2015 06:30	1620.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
11	01/06/2015 06:31	1609.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
12	01/06/2015 06:32	1599.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
13	01/06/2015 06:33	1588.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
14	01/06/2015 06:34	1577.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
15	01/06/2015 06:35	1567.41	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
16	01/06/2015 06:36	1557.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
17	01/06/2015 06:37	1547.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
18	01/06/2015 06:38	1536.40	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
19	01/06/2015 06:39	1524.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
20	01/06/2015 06:40	1512.84	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
21	01/06/2015 06:41	1500.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
22	01/06/2015 06:42	1487.06	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
23	01/06/2015 06:43	1474.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
24	01/06/2015 06:44	1461.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
25	01/06/2015 06:45	1449.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
26	01/06/2015 06:46	1437.87	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
27	01/06/2015 06:47	1426.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
28	01/06/2015 06:48	1416.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
29	01/06/2015 06:49	1406.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
30	01/06/2015 06:50	1396.25	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
31	01/06/2015 06:51	1386.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
32	01/06/2015 06:52	1376.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
33	01/06/2015 06:53	1366.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
34	01/06/2015 06:54	1356.82	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
35	01/06/2015 06:55	1347.19	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
36	01/06/2015 06:56	1337.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
37	01/06/2015 06:57	1326.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
38	01/06/2015 06:58	1316.11	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
39	01/06/2015 06:59	1304.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
40	01/06/2015 07:00	1292.84	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
41	01/06/2015 07:01	1306.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
42	01/06/2015 07:02	1301.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
43	01/06/2015 07:03	1297.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
44	01/06/2015 07:04	1293.67	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
45	01/06/2015 07:05	1289.42	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
46	01/06/2015 07:06	1285.31	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
47	01/06/2015 07:07	1281.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
48	01/06/2015 07:08	1277.66	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
49	01/06/2015 07:09	1274.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
50	01/06/2015 07:10	1271.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
51	01/06/2015 07:11	1268.47	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
52	01/06/2015 07:12	1265.84	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
53	01/06/2015 07:13	1263.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
54	01/06/2015 07:14	1260.99	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
55	01/06/2015 07:15	1258.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
56	01/06/2015 07:16	1256.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
57	01/06/2015 07:17	1254.90	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
58	01/06/2015 07:18	1253.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
59	01/06/2015 07:19	1251.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
60	01/06/2015 07:20	1250.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
61	01/06/2015 07:21	1249.08	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
62	01/06/2015 07:22	1248.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
63	01/06/2015 07:23	1247.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
64	01/06/2015 07:24	1246.16	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
65	01/06/2015 07:25	1244.97	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

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	in Combustion Zone?	Automatic Waste Feed Cutoff?
66	01/06/2015 07:26	1243.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
67	01/06/2015 07:27	1242.80	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
68	01/06/2015 07:28	1242.10	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
69	01/06/2015 07:29	1241.72	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
70	01/06/2015 07:30	1241.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
71	01/06/2015 07:31	1241.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
72	01/06/2015 07:32	1241.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
73	01/06/2015 07:33	1242.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
74	01/06/2015 07:34	1242.52	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
75	01/06/2015 07:35	1242.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
76	01/06/2015 07:36	1243.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
77	01/06/2015 07:37	1243.45	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
78	01/06/2015 07:38	1244.18	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
79	01/06/2015 07:39	1245.51	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
80	01/06/2015 07:40	1247.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
81	01/06/2015 07:41	1249.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
82	01/06/2015 07:42	1251.47	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
83	01/06/2015 07:43	1253.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
84	01/06/2015 07:44	1255.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
85	01/06/2015 07:45	1257.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
86	01/06/2015 07:46	1258.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
87	01/06/2015 07:47	1258.58	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
88	01/06/2015 07:48	1258.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
89	01/06/2015 07:49	1257.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
90	01/06/2015 07:50	1257.16	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
91	01/06/2015 07:51	1256.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
92	01/06/2015 07:52	1256.56	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
93	01/06/2015 07:53	1256.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
94	01/06/2015 07:54	1256.75	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
95	01/06/2015 07:55	1257.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
96	01/06/2015 07:56	1257.38	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
97	01/06/2015 07:57	1257.56	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
98	01/06/2015 07:58	1257.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
99	01/06/2015 07:59	1257.66	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
100	01/06/2015 08:00	1257.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
101	01/06/2015 08:01	1257.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
102	01/06/2015 08:02	1257.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
103	01/06/2015 08:03	1257.14	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
104	01/06/2015 08:04	1257.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
105	01/06/2015 08:05	1257.32	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
106	01/06/2015 08:06	1257.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
107	01/06/2015 08:07	1257.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
108	01/06/2015 08:08	1257.19	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
109	01/06/2015 08:09	1256.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
110	01/06/2015 08:10	1256.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
111	01/06/2015 08:11	1255.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
112	01/06/2015 08:12	1255.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
113	01/06/2015 08:13	1254.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
114	01/06/2015 08:14	1254.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
115	01/06/2015 08:15	1254.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
116	01/06/2015 08:16	1254.18	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
117	01/06/2015 08:17	1254.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
118	01/06/2015 08:18	1255.29	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
119	01/06/2015 08:19	1257.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
120	01/06/2015 08:20	1260.99	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
121	01/06/2015 08:21	1265.04	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
122	01/06/2015 08:22	1269.02	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
123	01/06/2015 08:23	1273.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
124	01/06/2015 08:24	1277.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
125	01/06/2015 08:25	1280.73	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
126	01/06/2015 08:26	1283.48	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
127	01/06/2015 08:27	1285.72	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
128	01/06/2015 08:28	1288.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
129	01/06/2015 08:29	1291.37	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
130	01/06/2015 08:30	1295.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

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	in Combustion Zone?	Automatic Waste Feed Cutoff?
131	01/06/2015 08:31	1300.63	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
132	01/06/2015 08:32	1306.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
133	01/06/2015 08:33	1313.85	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
134	01/06/2015 08:34	1321.90	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
135	01/06/2015 08:35	1330.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
136	01/06/2015 08:36	1339.54	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
137	01/06/2015 08:37	1348.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
138	01/06/2015 08:38	1357.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
139	01/06/2015 08:39	1367.48	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
140	01/06/2015 08:40	1377.13	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
141	01/06/2015 08:41	1387.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
142	01/06/2015 08:42	1397.90	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
143	01/06/2015 08:43	1408.36	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
144	01/06/2015 08:44	1418.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
145	01/06/2015 08:45	1428.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
146	01/06/2015 08:46	1437.36	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
147	01/06/2015 08:47	1446.31	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
148	01/06/2015 08:48	1455.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
149	01/06/2015 08:49	1464.45	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
150	01/06/2015 08:50	1474.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
151	01/06/2015 08:51	1484.36	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
152	01/06/2015 08:52	1494.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
153	01/06/2015 08:53	1504.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
154	01/06/2015 08:54	1515.10	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
155	01/06/2015 08:55	1525.60	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
156	01/06/2015 08:56	1536.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
157	02/09/2015 09:33	1715.09	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
158	02/09/2015 09:34	1713.41	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
159	02/09/2015 09:35	1712.88	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
160	02/09/2015 09:36	1712.88	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
161	02/09/2015 09:37	1712.50	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
162	02/09/2015 09:38	1711.22	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
163	02/09/2015 09:39	1709.13	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
164	02/09/2015 09:40	1706.25	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
165	02/09/2015 09:41	1703.38	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
166	02/09/2015 09:42	1701.09	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
167	02/09/2015 09:43	1699.41	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
168	02/09/2015 09:44	1698.50	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
169	02/09/2015 09:45	1698.25	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
170	02/09/2015 09:46	1698.34	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
171	02/09/2015 09:47	1698.44	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
172	02/09/2015 09:48	1698.31	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
173	02/09/2015 09:49	1699.16	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
174	02/09/2015 09:50	1701.69	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
175	02/09/2015 09:51	1704.16	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
176	02/09/2015 09:52	1706.63	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
177	02/09/2015 09:53	1709.00	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
178	02/09/2015 09:54	1711.34	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
179	02/09/2015 09:55	1713.69	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
180	02/09/2015 09:56	1716.25	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
181	02/13/2015 23:49	1700.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
182	02/13/2015 23:50	1681.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
183	02/13/2015 23:51	1661.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
184	02/13/2015 23:52	1641.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
185	02/13/2015 23:53	1622.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
186	02/13/2015 23:54	1602.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
187	02/13/2015 23:55	1583.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
188	02/13/2015 23:56	1565.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
189	02/13/2015 23:57	1546.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
190	02/13/2015 23:58	1528.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
191	02/13/2015 23:59	1509.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
192	02/14/2015 00:00	1490.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
193	02/14/2015 00:01	1472.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
194	02/14/2015 00:02	1453.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
195	02/14/2015 00:03	1416.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

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	in Combustion Zone?	Automatic Waste Feed Cutoff?
196	02/14/2015 00:04	1397.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
197	02/14/2015 00:05	1397.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
198	02/14/2015 00:06	1379.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
199	02/14/2015 00:07	1344.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
200	02/14/2015 00:08	1326.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
201	02/14/2015 00:09	1326.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
202	02/14/2015 00:10	1308.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
203	02/14/2015 00:11	1291.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
204	02/14/2015 00:12	1273.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
205	02/14/2015 00:13	1256.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
206	02/14/2015 00:14	1238.41	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
207	02/14/2015 00:15	1220.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
208	02/14/2015 00:16	1184.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
209	02/14/2015 00:17	1184.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
210	02/14/2015 00:18	1165.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
211	02/14/2015 00:19	1147.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
212	02/14/2015 00:20	1129.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
213	02/14/2015 00:21	1111.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
214	02/14/2015 00:22	1093.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
215	02/14/2015 00:23	1056.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
216	02/14/2015 00:24	1038.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
217	02/14/2015 00:25	1038.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
218	02/14/2015 00:26	1019.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
219	02/14/2015 00:27	1000.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
220	02/14/2015 00:28	982.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
221	02/14/2015 00:29	963.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
222	02/14/2015 00:30	924.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
223	02/14/2015 00:31	903.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
224	02/14/2015 00:32	883.70	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
225	02/14/2015 00:33	883.70	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
226	02/14/2015 00:34	866.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
227	02/14/2015 00:35	853.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
228	02/14/2015 00:36	844.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
229	02/14/2015 00:37	844.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
230	02/14/2015 00:38	844.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
231	02/14/2015 00:39	844.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
232	02/14/2015 00:40	844.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
233	02/14/2015 00:41	843.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
234	02/14/2015 00:42	843.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
235	02/14/2015 00:43	842.95	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
236	02/14/2015 00:44	842.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
237	02/14/2015 00:45	839.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
238	02/14/2015 00:46	838.41	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
239	02/14/2015 00:47	838.41	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
240	02/14/2015 00:48	836.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
241	02/14/2015 00:49	833.48	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
242	02/14/2015 00:50	831.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
243	02/14/2015 00:51	831.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
244	02/14/2015 00:52	828.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
245	02/14/2015 00:53	826.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
246	02/14/2015 00:54	826.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
247	02/14/2015 00:55	824.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
248	02/14/2015 00:56	823.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
249	02/14/2015 00:57	820.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
250	02/14/2015 00:58	820.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
251	02/14/2015 00:59	816.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
252	02/14/2015 01:00	815.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
253	02/14/2015 01:01	815.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
254	02/14/2015 01:02	811.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
255	02/14/2015 01:03	811.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
256	02/14/2015 01:04	808.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
257	02/14/2015 01:05	806.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
258	02/14/2015 01:06	806.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
259	02/14/2015 01:07	802.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
260	02/14/2015 01:08	802.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

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	in Combustion Zone?	Automatic Waste Feed Cutoff?
261	02/14/2015 01:09	799.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
262	02/14/2015 01:10	799.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
263	02/14/2015 01:11	795.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
264	02/14/2015 01:12	793.67	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
265	02/14/2015 01:13	791.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
266	02/14/2015 01:14	791.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
267	02/14/2015 01:15	790.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
268	02/14/2015 01:16	786.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
269	02/14/2015 01:17	786.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
270	02/14/2015 01:18	784.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
271	02/14/2015 01:19	781.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
272	02/14/2015 01:20	779.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
273	02/14/2015 01:21	779.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
274	02/14/2015 01:22	776.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
275	02/14/2015 01:23	776.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
276	02/14/2015 01:24	774.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
277	02/14/2015 01:25	771.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
278	02/14/2015 01:26	770.33	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
279	02/14/2015 01:27	768.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
280	02/14/2015 01:28	768.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
281	02/14/2015 01:29	767.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
282	02/14/2015 01:30	765.78	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
283	02/14/2015 01:31	764.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
284	02/14/2015 01:32	762.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
285	02/14/2015 01:33	761.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
286	02/14/2015 01:34	759.83	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
287	02/14/2015 01:35	758.36	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
288	02/14/2015 01:36	756.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
289	02/14/2015 01:37	755.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
290	02/14/2015 01:38	753.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
291	02/14/2015 01:39	752.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
292	02/14/2015 01:40	751.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
293	02/14/2015 01:41	749.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
294	02/14/2015 01:42	748.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
295	02/14/2015 01:43	747.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
296	02/14/2015 01:44	745.95	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
297	02/14/2015 01:45	744.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
298	02/14/2015 01:46	743.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
299	02/14/2015 01:47	742.83	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
300	02/14/2015 01:48	741.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
301	02/14/2015 01:49	741.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
302	02/14/2015 01:50	739.73	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
303	02/14/2015 01:51	739.73	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
304	02/14/2015 01:52	739.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
305	02/14/2015 01:53	738.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
306	02/14/2015 01:54	738.02	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
307	02/14/2015 01:55	737.48	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
308	02/14/2015 01:56	736.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
309	02/14/2015 01:57	735.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
310	02/14/2015 01:58	735.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
311	02/14/2015 01:59	735.45	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
312	02/14/2015 02:00	735.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
313	02/14/2015 02:01	734.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
314	02/14/2015 02:02	734.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
315	02/14/2015 02:03	733.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
316	02/14/2015 02:04	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
317	02/14/2015 02:05	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
318	02/14/2015 02:06	732.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
319	02/14/2015 02:07	732.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
320	02/14/2015 02:08	732.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
321	02/14/2015 02:09	732.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
322	02/14/2015 02:10	732.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
323	02/14/2015 02:11	731.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
324	02/14/2015 02:12	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
325	02/14/2015 02:13	731.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

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	in Combustion Zone?	Automatic Waste Feed Cutoff?
326	02/14/2015 02:14	731.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
327	02/14/2015 02:15	731.45	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
328	02/14/2015 02:16	731.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
329	02/14/2015 02:17	731.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
330	02/14/2015 02:18	731.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
331	02/14/2015 02:19	731.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
332	02/14/2015 02:20	731.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
333	02/14/2015 02:21	731.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
334	02/14/2015 02:22	731.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
335	02/14/2015 02:23	731.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
336	02/14/2015 02:24	731.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
337	02/14/2015 02:25	731.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
338	02/14/2015 02:26	731.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
339	02/14/2015 02:27	731.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
340	02/18/2015 17:38	1717.31	Malfunction Instrument	unit.	Retention	Yes	Yes
341	02/18/2015 17:39	1715.88	Malfunction Instrument	unit.	Retention	Yes	Yes
342	02/18/2015 17:40	1715.88	Malfunction Instrument	unit.	Retention	Yes	Yes
343	02/18/2015 17:41	1714.84	Malfunction Instrument	unit.	Retention	Yes	Yes
344	02/18/2015 17:42	1715.09	Malfunction Instrument	unit.	Retention	Yes	Yes
345	02/18/2015 17:43	1715.09	Malfunction Instrument	unit.	Retention	Yes	Yes
346	02/18/2015 17:44	1716.47	Malfunction Instrument	unit.	Retention	Yes	Yes
347	02/18/2015 17:45	1717.16	Malfunction Instrument	unit.	Retention	Yes	Yes
348	02/18/2015 17:46	1717.16	Malfunction Instrument	unit.	Retention	Yes	Yes
		348	Total Minutes in Exceedance				
		4	Number of Events				

Temperature is Report on a One Hour Average

SCC Temperature Summary
< 1747

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

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
01/06/2015 06:08	1008.7	169	Malfunction Power Failure	Repaired UPS. Restarted unit.
02/09/2015 09:30	1735.8	8	Malfunction Prior AWFCO	Restarted fan and unit
02/13/2015 23:46	731.3	162	Malfunction Boiler Tube	Shutdown unit. Repaired tube.
02/18/2015 17:38	1741.5	6	Malfunction Instrument	Repaired level indicator. Restarted unit.
		176	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	01/06/2015 06:08	1737.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
2	01/06/2015 06:09	1727.54	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
3	01/06/2015 06:10	1716.82	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
4	01/06/2015 06:11	1705.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
5	01/06/2015 06:12	1694.50	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
6	01/06/2015 06:13	1683.05	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
7	01/06/2015 06:14	1671.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
8	01/06/2015 06:15	1659.73	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
9	01/06/2015 06:16	1647.68	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
10	01/06/2015 06:17	1635.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
11	01/06/2015 06:18	1622.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
12	01/06/2015 06:19	1608.87	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
13	01/06/2015 06:20	1594.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
14	01/06/2015 06:21	1580.59	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
15	01/06/2015 06:22	1566.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
16	01/06/2015 06:23	1552.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
17	01/06/2015 06:24	1538.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
18	01/06/2015 06:25	1524.05	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
19	01/06/2015 06:26	1510.00	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
20	01/06/2015 06:27	1495.77	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
21	01/06/2015 06:28	1481.42	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
22	01/06/2015 06:29	1466.92	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
23	01/06/2015 06:30	1452.27	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
24	01/06/2015 06:31	1437.58	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
25	01/06/2015 06:32	1422.82	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
26	01/06/2015 06:33	1408.02	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
27	01/06/2015 06:34	1393.21	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
28	01/06/2015 06:35	1378.42	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
29	01/06/2015 06:36	1363.75	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
30	01/06/2015 06:37	1349.11	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
31	01/06/2015 06:38	1334.41	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
32	01/06/2015 06:39	1319.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
33	01/06/2015 06:40	1304.37	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
34	01/06/2015 06:41	1288.88	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
35	01/06/2015 06:42	1273.18	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
36	01/06/2015 06:43	1257.40	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
37	01/06/2015 06:44	1241.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
38	01/06/2015 06:45	1226.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
39	01/06/2015 06:46	1212.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
40	01/06/2015 06:47	1198.85	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
41	01/06/2015 06:48	1185.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
42	01/06/2015 06:49	1172.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
43	01/06/2015 06:50	1159.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
44	01/06/2015 06:51	1147.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
45	01/06/2015 06:52	1135.56	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
46	01/06/2015 06:53	1123.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
47	01/06/2015 06:54	1112.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
48	01/06/2015 06:55	1100.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
49	01/06/2015 06:56	1088.98	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
50	01/06/2015 06:57	1076.68	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
51	01/06/2015 06:58	1063.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
52	01/06/2015 06:59	1050.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
53	01/06/2015 07:00	1036.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
54	01/06/2015 07:01	1046.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
55	01/06/2015 07:02	1040.83	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
56	01/06/2015 07:03	1035.55	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
57	01/06/2015 07:04	1030.71	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
58	01/06/2015 07:05	1026.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
59	01/06/2015 07:06	1022.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
60	01/06/2015 07:07	1019.12	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
61	01/06/2015 07:08	1016.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
62	01/06/2015 07:09	1014.35	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
63	01/06/2015 07:10	1012.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
64	01/06/2015 07:11	1011.28	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

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?
65	01/06/2015 07:12	1010.23	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
66	01/06/2015 07:13	1009.47	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
67	01/06/2015 07:14	1008.96	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
68	01/06/2015 07:15	1008.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
69	01/06/2015 07:16	1008.65	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
70	01/06/2015 07:17	1008.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
71	01/06/2015 07:18	1009.17	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
72	01/06/2015 07:19	1009.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
73	01/06/2015 07:20	1010.39	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
74	01/06/2015 07:21	1011.22	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
75	01/06/2015 07:22	1012.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
76	01/06/2015 07:23	1013.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
77	01/06/2015 07:24	1014.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
78	01/06/2015 07:25	1015.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
79	01/06/2015 07:26	1016.32	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
80	01/06/2015 07:27	1017.46	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
81	01/06/2015 07:28	1018.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
82	01/06/2015 07:29	1020.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
83	01/06/2015 07:30	1021.62	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
84	01/06/2015 07:31	1023.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
85	01/06/2015 07:32	1025.12	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
86	01/06/2015 07:33	1027.04	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
87	01/06/2015 07:34	1029.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
88	01/06/2015 07:35	1031.25	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
89	01/06/2015 07:36	1033.53	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
90	01/06/2015 07:37	1035.93	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
91	01/06/2015 07:38	1038.45	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
92	01/06/2015 07:39	1041.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
93	01/06/2015 07:40	1043.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
94	01/06/2015 07:41	1046.71	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
95	01/06/2015 07:42	1049.65	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
96	01/06/2015 07:43	1052.60	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
97	01/06/2015 07:44	1055.23	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
98	01/06/2015 07:45	1057.34	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
99	01/06/2015 07:46	1058.78	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
100	01/06/2015 07:47	1059.54	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
101	01/06/2015 07:48	1059.88	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
102	01/06/2015 07:49	1060.01	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
103	01/06/2015 07:50	1059.97	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
104	01/06/2015 07:51	1059.81	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
105	01/06/2015 07:52	1059.52	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
106	01/06/2015 07:53	1059.13	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
107	01/06/2015 07:54	1058.68	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
108	01/06/2015 07:55	1058.21	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
109	01/06/2015 07:56	1057.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
110	01/06/2015 07:57	1057.25	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
111	01/06/2015 07:58	1056.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
112	01/06/2015 07:59	1056.20	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
113	01/06/2015 08:00	1055.64	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
114	01/06/2015 08:01	1055.06	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
115	01/06/2015 08:02	1054.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
116	01/06/2015 08:03	1053.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
117	01/06/2015 08:04	1053.33	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
118	01/06/2015 08:05	1052.73	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
119	01/06/2015 08:06	1052.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
120	01/06/2015 08:07	1051.37	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
121	01/06/2015 08:08	1050.63	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
122	01/06/2015 08:09	1049.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
123	01/06/2015 08:10	1049.07	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
124	01/06/2015 08:11	1048.26	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
125	01/06/2015 08:12	1047.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
126	01/06/2015 08:13	1046.57	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
127	01/06/2015 08:14	1045.69	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
128	01/06/2015 08:15	1044.79	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes

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?
129	01/06/2015 08:16	1043.88	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
130	01/06/2015 08:17	1043.02	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
131	01/06/2015 08:18	1045.61	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
132	01/06/2015 08:19	1049.30	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
133	01/06/2015 08:20	1054.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
134	01/06/2015 08:21	1059.85	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
135	01/06/2015 08:22	1065.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
136	01/06/2015 08:23	1072.11	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
137	01/06/2015 08:24	1078.43	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
138	01/06/2015 08:25	1084.09	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
139	01/06/2015 08:26	1089.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
140	01/06/2015 08:27	1093.46	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
141	01/06/2015 08:28	1097.91	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
142	01/06/2015 08:29	1102.97	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
143	01/06/2015 08:30	1108.83	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
144	01/06/2015 08:31	1115.50	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
145	01/06/2015 08:32	1123.24	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
146	01/06/2015 08:33	1132.29	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
147	01/06/2015 08:34	1142.72	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
148	01/06/2015 08:35	1154.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
149	01/06/2015 08:36	1165.86	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
150	01/06/2015 08:37	1177.65	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
151	01/06/2015 08:38	1189.14	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
152	01/06/2015 08:39	1200.50	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
153	01/06/2015 08:40	1211.66	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
154	01/06/2015 08:41	1223.15	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
155	01/06/2015 08:42	1235.04	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
156	01/06/2015 08:43	1247.03	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
157	01/06/2015 08:44	1259.12	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
158	01/06/2015 08:45	1270.71	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
159	01/06/2015 08:46	1281.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
160	01/06/2015 08:47	1292.94	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
161	01/06/2015 08:48	1303.74	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
162	01/06/2015 08:49	1314.70	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
163	01/06/2015 08:50	1325.76	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
164	01/06/2015 08:51	1336.95	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
165	01/06/2015 08:52	1348.31	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
166	01/06/2015 08:53	1359.87	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
167	01/06/2015 08:54	1371.58	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
168	01/06/2015 08:55	1383.44	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
169	01/06/2015 08:56	1395.49	Malfunction Power Failure	Repaired UPS. Restarted unit.	Retention	Yes	Yes
170	02/09/2015 09:30	1745.03	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
171	02/09/2015 09:31	1740.69	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
172	02/09/2015 09:32	1737.53	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
173	02/09/2015 09:33	1735.84	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
174	02/09/2015 09:34	1736.28	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
175	02/09/2015 09:35	1738.84	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
176	02/09/2015 09:36	1742.53	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
177	02/09/2015 09:37	1745.91	Malfunction Prior AWFCO	Restarted fan and unit	Retention	Yes	Yes
178	02/13/2015 23:46	1746.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
179	02/13/2015 23:47	1724.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
180	02/13/2015 23:48	1702.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
181	02/13/2015 23:49	1679.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
182	02/13/2015 23:50	1657.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
183	02/13/2015 23:51	1635.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
184	02/13/2015 23:52	1616.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
185	02/13/2015 23:53	1596.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
186	02/13/2015 23:54	1574.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
187	02/13/2015 23:55	1552.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
188	02/13/2015 23:56	1531.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
189	02/13/2015 23:57	1510.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
190	02/13/2015 23:58	1489.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
191	02/13/2015 23:59	1469.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
192	02/14/2015 00:00	1448.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

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?
193	02/14/2015 00:01	1427.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
194	02/14/2015 00:02	1406.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
195	02/14/2015 00:03	1363.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
196	02/14/2015 00:04	1342.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
197	02/14/2015 00:05	1321.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
198	02/14/2015 00:06	1321.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
199	02/14/2015 00:07	1280.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
200	02/14/2015 00:08	1260.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
201	02/14/2015 00:09	1260.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
202	02/14/2015 00:10	1240.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
203	02/14/2015 00:11	1220.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
204	02/14/2015 00:12	1199.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
205	02/14/2015 00:13	1179.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
206	02/14/2015 00:14	1159.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
207	02/14/2015 00:15	1138.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
208	02/14/2015 00:16	1096.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
209	02/14/2015 00:17	1096.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
210	02/14/2015 00:18	1076.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
211	02/14/2015 00:19	1055.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
212	02/14/2015 00:20	1036.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
213	02/14/2015 00:21	1016.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
214	02/14/2015 00:22	997.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
215	02/14/2015 00:23	957.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
216	02/14/2015 00:24	938.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
217	02/14/2015 00:25	938.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
218	02/14/2015 00:26	918.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
219	02/14/2015 00:27	898.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
220	02/14/2015 00:28	878.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
221	02/14/2015 00:29	858.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
222	02/14/2015 00:30	818.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
223	02/14/2015 00:31	797.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
224	02/14/2015 00:32	776.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
225	02/14/2015 00:33	776.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
226	02/14/2015 00:34	756.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
227	02/14/2015 00:35	743.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
228	02/14/2015 00:36	731.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
229	02/14/2015 00:37	731.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
230	02/14/2015 00:38	731.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
231	02/14/2015 00:39	731.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
232	02/14/2015 00:40	731.52	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
233	02/14/2015 00:41	731.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
234	02/14/2015 00:42	731.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
235	02/14/2015 00:43	731.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
236	02/14/2015 00:44	731.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
237	02/14/2015 00:45	731.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
238	02/14/2015 00:46	731.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
239	02/14/2015 00:47	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
240	02/14/2015 00:48	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
241	02/14/2015 00:49	731.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
242	02/14/2015 00:50	731.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
243	02/14/2015 00:51	731.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
244	02/14/2015 00:52	732.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
245	02/14/2015 00:53	732.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
246	02/14/2015 00:54	732.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
247	02/14/2015 00:55	732.23	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
248	02/14/2015 00:56	732.30	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
249	02/14/2015 00:57	732.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
250	02/14/2015 00:58	732.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
251	02/14/2015 00:59	732.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
252	02/14/2015 01:00	732.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
253	02/14/2015 01:01	732.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
254	02/14/2015 01:02	732.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
255	02/14/2015 01:03	732.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
256	02/14/2015 01:04	732.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

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?
257	02/14/2015 01:05	732.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
258	02/14/2015 01:06	732.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
259	02/14/2015 01:07	732.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
260	02/14/2015 01:08	732.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
261	02/14/2015 01:09	732.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
262	02/14/2015 01:10	732.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
263	02/14/2015 01:11	733.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
264	02/14/2015 01:12	733.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
265	02/14/2015 01:13	733.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
266	02/14/2015 01:14	733.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
267	02/14/2015 01:15	733.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
268	02/14/2015 01:16	733.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
269	02/14/2015 01:17	733.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
270	02/14/2015 01:18	733.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
271	02/14/2015 01:19	733.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
272	02/14/2015 01:20	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
273	02/14/2015 01:21	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
274	02/14/2015 01:22	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
275	02/14/2015 01:23	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
276	02/14/2015 01:24	733.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
277	02/14/2015 01:25	733.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
278	02/14/2015 01:26	733.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
279	02/14/2015 01:27	733.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
280	02/14/2015 01:28	733.13	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
281	02/14/2015 01:29	733.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
282	02/14/2015 01:30	733.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
283	02/14/2015 01:31	733.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
284	02/14/2015 01:32	733.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
285	02/14/2015 01:33	733.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
286	02/14/2015 01:34	732.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
287	02/14/2015 01:35	732.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
288	02/14/2015 01:36	732.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
289	02/14/2015 01:37	732.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
290	02/14/2015 01:38	732.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
291	02/14/2015 01:39	732.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
292	02/14/2015 01:40	732.78	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
293	02/14/2015 01:41	732.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
294	02/14/2015 01:42	732.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
295	02/14/2015 01:43	732.67	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
296	02/14/2015 01:44	732.64	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
297	02/14/2015 01:45	732.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
298	02/14/2015 01:46	732.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
299	02/14/2015 01:47	732.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
300	02/14/2015 01:48	732.52	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
301	02/14/2015 01:49	732.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
302	02/14/2015 01:50	732.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
303	02/14/2015 01:51	732.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
304	02/14/2015 01:52	732.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
305	02/14/2015 01:53	732.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
306	02/14/2015 01:54	732.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
307	02/14/2015 01:55	732.23	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
308	02/14/2015 01:56	732.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
309	02/14/2015 01:57	732.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
310	02/14/2015 01:58	732.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
311	02/14/2015 01:59	732.06	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
312	02/14/2015 02:00	732.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
313	02/14/2015 02:01	732.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
314	02/14/2015 02:02	731.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
315	02/14/2015 02:03	731.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
316	02/14/2015 02:04	731.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
317	02/14/2015 02:05	731.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
318	02/14/2015 02:06	731.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
319	02/14/2015 02:07	731.83	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
320	02/14/2015 02:08	731.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes

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?
321	02/14/2015 02:09	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
322	02/14/2015 02:10	731.77	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
323	02/14/2015 02:11	731.73	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
324	02/14/2015 02:12	731.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
325	02/14/2015 02:13	731.70	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
326	02/14/2015 02:14	731.67	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
327	02/14/2015 02:15	731.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
328	02/14/2015 02:16	731.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
329	02/14/2015 02:17	731.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
330	02/14/2015 02:18	731.58	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
331	02/14/2015 02:19	731.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
332	02/14/2015 02:20	731.53	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
333	02/14/2015 02:21	731.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
334	02/14/2015 02:22	731.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
335	02/14/2015 02:23	731.45	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
336	02/14/2015 02:24	731.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
337	02/14/2015 02:25	731.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
338	02/14/2015 02:26	731.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
339	02/14/2015 02:27	731.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
340	02/18/2015 17:38	1742.31	Malfunction Instrument	unit.	Retention	Yes	Yes
341	02/18/2015 17:39	1741.50	Malfunction Instrument	unit.	Retention	Yes	Yes
342	02/18/2015 17:40	1741.50	Malfunction Instrument	unit.	Retention	Yes	Yes
343	02/18/2015 17:41	1742.84	Malfunction Instrument	unit.	Retention	Yes	Yes
344	02/18/2015 17:42	1744.44	Malfunction Instrument	unit.	Retention	Yes	Yes
345	02/18/2015 17:43	1744.44	Malfunction Instrument	unit.	Retention	Yes	Yes
		345	Total Minutes in Exceedance				
		4	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				
01/01/2015 15:31	10.4	58	Malfunction Lance Plugging	Cleared lance. Restarted unit.
01/03/2015 18:08	12.9	37	Malfunction Tank Layering	Reduced feeds. Restarted unit.
01/08/2015 03:38	10.0	1	Malfunction Lance Plugging	Cleaned lance. Restarted unit.
01/08/2015 03:48	12.0	32	Malfunction Lance Plugging	Cleaned lance. Restarted unit.
01/09/2015 00:24	15.9	56	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.
01/09/2015 20:39	15.4	54	Operator Error Poor Operation	Increased air flow. Restarted unit.
02/01/2015 19:36	11.4	58	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.
02/13/2015 23:35	347.6	170	Malfunction Boiler Tube	Shutdown unit. Repaired tube.
02/22/2015 23:19	13.5	59	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
03/04/2015 21:24	15.5	42	Malfunction Tank Layering	Reduced flow. Restarted unit.
03/05/2015 10:55	11.0	57	Operator Error Flow Increase	Reduced flow. Restarted unit.
03/14/2015 01:01	15.8	60	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		684	Total Minutes	
Fuels				
03/24/2015 20:41	20.2	67	Shutdown - Scrubber Inspection	Adjusted Burner
		67	Total Minutes	
			Total Emissions for the Quarter	
		267	(LBS)	
		0.13	(Tons)	

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	01/01/2015 15:31	10.40	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
2	01/01/2015 15:32	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
3	01/01/2015 15:33	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
4	01/01/2015 15:34	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
5	01/01/2015 15:35	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
6	01/01/2015 15:36	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
7	01/01/2015 15:37	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
8	01/01/2015 15:38	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
9	01/01/2015 15:39	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
10	01/01/2015 15:40	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
11	01/01/2015 15:41	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
12	01/01/2015 15:42	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
13	01/01/2015 15:43	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
14	01/01/2015 15:44	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
15	01/01/2015 15:45	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
16	01/01/2015 15:46	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
17	01/01/2015 15:47	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
18	01/01/2015 15:48	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
19	01/01/2015 15:49	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
20	01/01/2015 15:50	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
21	01/01/2015 15:51	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
22	01/01/2015 15:52	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
23	01/01/2015 15:53	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
24	01/01/2015 15:54	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
25	01/01/2015 15:55	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
26	01/01/2015 15:56	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
27	01/01/2015 15:57	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
28	01/01/2015 15:58	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
29	01/01/2015 15:59	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
30	01/01/2015 16:00	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
31	01/01/2015 16:01	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
32	01/01/2015 16:02	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
33	01/01/2015 16:03	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
34	01/01/2015 16:04	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
35	01/01/2015 16:05	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
36	01/01/2015 16:06	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
37	01/01/2015 16:07	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
38	01/01/2015 16:08	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
39	01/01/2015 16:09	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
40	01/01/2015 16:10	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
41	01/01/2015 16:11	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
42	01/01/2015 16:12	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
43	01/01/2015 16:13	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
44	01/01/2015 16:14	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
45	01/01/2015 16:15	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
46	01/01/2015 16:16	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
47	01/01/2015 16:17	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
48	01/01/2015 16:18	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
49	01/01/2015 16:19	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
50	01/01/2015 16:20	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
51	01/01/2015 16:21	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
52	01/01/2015 16:22	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
53	01/01/2015 16:23	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
54	01/01/2015 16:24	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
55	01/01/2015 16:25	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
56	01/01/2015 16:26	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
57	01/01/2015 16:27	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
58	01/01/2015 16:28	10.41	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
59	01/03/2015 18:08	11.02	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
60	01/03/2015 18:09	12.42	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
61	01/03/2015 18:10	12.87	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
62	01/03/2015 18:11	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
63	01/03/2015 18:12	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
64	01/03/2015 18:13	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
65	01/03/2015 18:14	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
66	01/03/2015 18:15	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
67	01/03/2015 18:16	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
68	01/03/2015 18:17	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
69	01/03/2015 18:18	12.92	Malfunction Tank Layering	Reduced 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?
70	01/03/2015 18:19	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
71	01/03/2015 18:20	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
72	01/03/2015 18:21	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
73	01/03/2015 18:22	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
74	01/03/2015 18:23	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
75	01/03/2015 18:24	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
76	01/03/2015 18:25	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
77	01/03/2015 18:26	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
78	01/03/2015 18:27	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
79	01/03/2015 18:28	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
80	01/03/2015 18:29	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
81	01/03/2015 18:30	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
82	01/03/2015 18:31	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
83	01/03/2015 18:32	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
84	01/03/2015 18:33	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
85	01/03/2015 18:34	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
86	01/03/2015 18:35	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
87	01/03/2015 18:36	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
88	01/03/2015 18:37	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
89	01/03/2015 18:38	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
90	01/03/2015 18:39	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
91	01/03/2015 18:40	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
92	01/03/2015 18:41	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
93	01/03/2015 18:42	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
94	01/03/2015 18:43	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
95	01/03/2015 18:44	12.92	Malfunction Tank Layering	Reduced feeds. Restarted unit.	Retention	Yes	Yes
96	01/08/2015 03:38	10.01	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
97	01/08/2015 03:48	11.08	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
98	01/08/2015 03:49	11.71	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
99	01/08/2015 03:50	11.87	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
100	01/08/2015 03:51	11.90	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
101	01/08/2015 03:52	11.91	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
102	01/08/2015 03:53	11.91	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
103	01/08/2015 03:54	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
104	01/08/2015 03:55	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
105	01/08/2015 03:56	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
106	01/08/2015 03:57	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
107	01/08/2015 03:58	11.93	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
108	01/08/2015 03:59	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
109	01/08/2015 04:00	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
110	01/08/2015 04:01	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
111	01/08/2015 04:02	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
112	01/08/2015 04:03	12.00	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
113	01/08/2015 04:04	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
114	01/08/2015 04:05	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
115	01/08/2015 04:06	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
116	01/08/2015 04:07	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
117	01/08/2015 04:08	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
118	01/08/2015 04:09	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
119	01/08/2015 04:10	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
120	01/08/2015 04:11	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
121	01/08/2015 04:12	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
122	01/08/2015 04:13	11.99	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
123	01/08/2015 04:14	11.87	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
124	01/08/2015 04:15	11.78	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
125	01/08/2015 04:16	11.77	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
126	01/08/2015 04:17	11.12	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
127	01/08/2015 04:18	10.77	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
128	01/08/2015 04:19	10.37	Malfunction Lance Plugging	Cleaned lance. Restarted unit.	Retention	Yes	Yes
129	01/09/2015 00:24	11.52	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Waste	Yes	Yes
130	01/09/2015 00:25	14.47	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
131	01/09/2015 00:26	15.56	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
132	01/09/2015 00:27	15.91	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
133	01/09/2015 00:28	13.43	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
134	01/09/2015 00:29	12.34	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
135	01/09/2015 00:30	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
136	01/09/2015 00:31	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
137	01/09/2015 00:32	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
138	01/09/2015 00:33	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	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	01/09/2015 00:34	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
140	01/09/2015 00:35	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
141	01/09/2015 00:36	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
142	01/09/2015 00:37	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
143	01/09/2015 00:38	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
144	01/09/2015 00:39	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
145	01/09/2015 00:40	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
146	01/09/2015 00:41	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
147	01/09/2015 00:42	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
148	01/09/2015 00:43	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
149	01/09/2015 00:44	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
150	01/09/2015 00:45	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
151	01/09/2015 00:46	12.19	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
152	01/09/2015 00:47	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
153	01/09/2015 00:48	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
154	01/09/2015 00:49	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
155	01/09/2015 00:50	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
156	01/09/2015 00:51	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
157	01/09/2015 00:52	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
158	01/09/2015 00:53	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
159	01/09/2015 00:54	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
160	01/09/2015 00:55	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
161	01/09/2015 00:56	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
162	01/09/2015 00:57	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
163	01/09/2015 00:58	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
164	01/09/2015 00:59	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
165	01/09/2015 01:00	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
166	01/09/2015 01:01	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
167	01/09/2015 01:02	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
168	01/09/2015 01:03	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
169	01/09/2015 01:04	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
170	01/09/2015 01:05	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
171	01/09/2015 01:06	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
172	01/09/2015 01:07	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
173	01/09/2015 01:08	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
174	01/09/2015 01:09	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
175	01/09/2015 01:10	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
176	01/09/2015 01:11	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
177	01/09/2015 01:12	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
178	01/09/2015 01:13	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
179	01/09/2015 01:14	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
180	01/09/2015 01:15	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
181	01/09/2015 01:16	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
182	01/09/2015 01:17	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
183	01/09/2015 01:18	12.14	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
184	01/09/2015 01:19	11.95	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
185	01/09/2015 20:39	10.12	Operator Error Poor Operation	Increased air flow. Restarted unit.	Waste	Yes	Yes
186	01/09/2015 20:40	10.11	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
187	01/09/2015 20:41	10.86	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
188	01/09/2015 20:42	11.35	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
189	01/09/2015 20:43	11.42	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
190	01/09/2015 20:44	11.62	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
191	01/09/2015 20:45	11.52	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
192	01/09/2015 20:46	11.05	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
193	01/09/2015 20:47	10.99	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
194	01/09/2015 20:48	10.93	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
195	01/09/2015 20:49	10.98	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
196	01/09/2015 20:50	11.06	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
197	01/09/2015 20:51	11.08	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
198	01/09/2015 20:52	12.42	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
199	01/09/2015 20:53	13.15	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
200	01/09/2015 20:54	13.36	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
201	01/09/2015 20:55	14.08	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
202	01/09/2015 20:56	14.36	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
203	01/09/2015 20:57	14.47	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
204	01/09/2015 20:58	14.53	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
205	01/09/2015 20:59	14.56	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
206	01/09/2015 21:00	14.59	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
207	01/09/2015 21:01	14.57	Operator Error Poor Operation	Increased air flow. 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?
208	01/09/2015 21:02	14.57	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
209	01/09/2015 21:03	14.88	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
210	01/09/2015 21:04	15.05	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
211	01/09/2015 21:05	15.13	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
212	01/09/2015 21:06	15.23	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
213	01/09/2015 21:07	15.24	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
214	01/09/2015 21:08	15.36	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
215	01/09/2015 21:09	15.42	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
216	01/09/2015 21:10	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
217	01/09/2015 21:11	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
218	01/09/2015 21:12	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
219	01/09/2015 21:13	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
220	01/09/2015 21:14	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
221	01/09/2015 21:15	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
222	01/09/2015 21:16	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
223	01/09/2015 21:17	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
224	01/09/2015 21:18	15.43	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
225	01/09/2015 21:19	14.96	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
226	01/09/2015 21:20	14.72	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
227	01/09/2015 21:21	14.56	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
228	01/09/2015 21:22	14.41	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
229	01/09/2015 21:23	14.33	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
230	01/09/2015 21:24	14.24	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
231	01/09/2015 21:25	14.23	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
232	01/09/2015 21:26	14.23	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
233	01/09/2015 21:27	12.58	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
234	01/09/2015 21:28	11.95	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
235	01/09/2015 21:29	11.77	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
236	01/09/2015 21:30	10.47	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
237	01/09/2015 21:31	10.12	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
238	01/09/2015 21:32	10.06	Operator Error Poor Operation	Increased air flow. Restarted unit.	Retention	Yes	Yes
239	02/01/2015 19:36	10.73	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Waste	Yes	Yes
240	02/01/2015 19:37	11.25	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Waste	Yes	Yes
241	02/01/2015 19:38	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
242	02/01/2015 19:39	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
243	02/01/2015 19:40	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
244	02/01/2015 19:41	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
245	02/01/2015 19:42	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
246	02/01/2015 19:43	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
247	02/01/2015 19:44	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
248	02/01/2015 19:45	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
249	02/01/2015 19:46	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
250	02/01/2015 19:47	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
251	02/01/2015 19:48	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
252	02/01/2015 19:49	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
253	02/01/2015 19:50	11.35	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
254	02/01/2015 19:51	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
255	02/01/2015 19:52	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
256	02/01/2015 19:53	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
257	02/01/2015 19:54	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
258	02/01/2015 19:55	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
259	02/01/2015 19:56	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
260	02/01/2015 19:57	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
261	02/01/2015 19:58	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
262	02/01/2015 19:59	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
263	02/01/2015 20:00	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
264	02/01/2015 20:01	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
265	02/01/2015 20:02	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
266	02/01/2015 20:03	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
267	02/01/2015 20:04	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
268	02/01/2015 20:05	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
269	02/01/2015 20:06	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
270	02/01/2015 20:07	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
271	02/01/2015 20:08	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
272	02/01/2015 20:09	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
273	02/01/2015 20:10	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
274	02/01/2015 20:11	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
275	02/01/2015 20:12	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
276	02/01/2015 20:13	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	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	02/01/2015 20:14	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
278	02/01/2015 20:15	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
279	02/01/2015 20:16	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
280	02/01/2015 20:17	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
281	02/01/2015 20:18	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
282	02/01/2015 20:19	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
283	02/01/2015 20:20	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
284	02/01/2015 20:21	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
285	02/01/2015 20:22	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
286	02/01/2015 20:23	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
287	02/01/2015 20:24	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
288	02/01/2015 20:25	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
289	02/01/2015 20:26	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
290	02/01/2015 20:27	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
291	02/01/2015 20:28	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
292	02/01/2015 20:29	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
293	02/01/2015 20:30	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
294	02/01/2015 20:31	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
295	02/01/2015 20:32	11.15	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
296	02/01/2015 20:33	10.78	Operator Error Feed Prep	Restarted unit. Reduced charge sizes.	Retention	Yes	Yes
297	02/13/2015 23:35	11.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
298	02/13/2015 23:36	11.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
299	02/13/2015 23:37	11.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
300	02/13/2015 23:38	27.52	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
301	02/13/2015 23:39	38.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
302	02/13/2015 23:40	52.32	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
303	02/13/2015 23:41	69.23	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
304	02/13/2015 23:42	82.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
305	02/13/2015 23:43	93.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
306	02/13/2015 23:44	104.51	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
307	02/13/2015 23:45	113.68	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
308	02/13/2015 23:46	121.89	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
309	02/13/2015 23:47	129.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
310	02/13/2015 23:48	136.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
311	02/13/2015 23:49	142.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
312	02/13/2015 23:50	148.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
313	02/13/2015 23:51	155.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
314	02/13/2015 23:52	162.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
315	02/13/2015 23:53	168.40	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
316	02/13/2015 23:54	174.63	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
317	02/13/2015 23:55	180.74	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
318	02/13/2015 23:56	187.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
319	02/13/2015 23:57	192.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
320	02/13/2015 23:58	198.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
321	02/13/2015 23:59	204.46	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
322	02/14/2015 00:00	209.93	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
323	02/14/2015 00:01	215.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
324	02/14/2015 00:02	220.32	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
325	02/14/2015 00:03	225.28	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
326	02/14/2015 00:04	229.94	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
327	02/14/2015 00:05	234.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
328	02/14/2015 00:06	238.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
329	02/14/2015 00:07	242.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
330	02/14/2015 00:08	246.48	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
331	02/14/2015 00:09	250.40	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
332	02/14/2015 00:10	254.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
333	02/14/2015 00:11	258.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
334	02/14/2015 00:12	261.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
335	02/14/2015 00:13	265.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
336	02/14/2015 00:14	269.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
337	02/14/2015 00:15	273.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
338	02/14/2015 00:16	277.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
339	02/14/2015 00:17	281.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
340	02/14/2015 00:18	285.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
341	02/14/2015 00:19	288.97	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
342	02/14/2015 00:20	292.95	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
343	02/14/2015 00:21	296.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
344	02/14/2015 00:22	300.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
345	02/14/2015 00:23	304.35	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	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	02/14/2015 00:24	308.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
347	02/14/2015 00:25	311.60	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
348	02/14/2015 00:26	315.02	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
349	02/14/2015 00:27	318.31	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
350	02/14/2015 00:28	321.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
351	02/14/2015 00:29	321.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
352	02/14/2015 00:30	328.21	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
353	02/14/2015 00:31	331.51	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
354	02/14/2015 00:32	334.68	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
355	02/14/2015 00:33	337.88	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
356	02/14/2015 00:34	341.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
357	02/14/2015 00:35	341.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
358	02/14/2015 00:36	347.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
359	02/14/2015 00:37	339.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
360	02/14/2015 00:38	328.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
361	02/14/2015 00:39	324.25	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
362	02/14/2015 00:40	319.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
363	02/14/2015 00:41	308.84	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
364	02/14/2015 00:42	300.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
365	02/14/2015 00:43	292.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
366	02/14/2015 00:44	285.30	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
367	02/14/2015 00:45	278.91	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
368	02/14/2015 00:46	272.69	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
369	02/14/2015 00:47	266.62	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
370	02/14/2015 00:48	261.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
371	02/14/2015 00:49	256.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
372	02/14/2015 00:50	251.12	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
373	02/14/2015 00:51	245.68	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
374	02/14/2015 00:52	240.01	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
375	02/14/2015 00:53	234.56	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
376	02/14/2015 00:54	229.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
377	02/14/2015 00:55	224.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
378	02/14/2015 00:56	219.08	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
379	02/14/2015 00:57	214.11	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
380	02/14/2015 00:58	209.18	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
381	02/14/2015 00:59	204.29	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
382	02/14/2015 01:00	199.49	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
383	02/14/2015 01:01	194.78	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
384	02/14/2015 01:02	190.20	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
385	02/14/2015 01:03	185.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
386	02/14/2015 01:04	181.50	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
387	02/14/2015 01:05	177.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
388	02/14/2015 01:06	173.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
389	02/14/2015 01:07	170.05	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
390	02/14/2015 01:08	166.55	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
391	02/14/2015 01:09	163.04	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
392	02/14/2015 01:10	159.60	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
393	02/14/2015 01:11	156.18	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
394	02/14/2015 01:12	152.79	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
395	02/14/2015 01:13	149.32	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
396	02/14/2015 01:14	145.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
397	02/14/2015 01:15	142.47	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
398	02/14/2015 01:16	139.22	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
399	02/14/2015 01:17	135.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
400	02/14/2015 01:18	132.76	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
401	02/14/2015 01:19	129.82	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
402	02/14/2015 01:20	127.02	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
403	02/14/2015 01:21	124.30	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
404	02/14/2015 01:22	121.76	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
405	02/14/2015 01:23	119.19	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
406	02/14/2015 01:24	116.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
407	02/14/2015 01:25	113.86	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
408	02/14/2015 01:26	111.37	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
409	02/14/2015 01:27	108.75	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
410	02/14/2015 01:28	106.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
411	02/14/2015 01:29	103.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
412	02/14/2015 01:30	100.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
413	02/14/2015 01:31	97.18	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
414	02/14/2015 01:32	94.29	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	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	02/14/2015 01:33	91.36	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
416	02/14/2015 01:34	88.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
417	02/14/2015 01:35	85.39	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
418	02/14/2015 01:36	82.29	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
419	02/14/2015 01:37	78.40	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
420	02/14/2015 01:38	74.24	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
421	02/14/2015 01:39	67.72	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
422	02/14/2015 01:40	59.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
423	02/14/2015 01:41	52.65	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
424	02/14/2015 01:42	48.03	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
425	02/14/2015 01:43	44.42	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
426	02/14/2015 01:44	41.33	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
427	02/14/2015 01:45	38.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
428	02/14/2015 01:46	36.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
429	02/14/2015 01:47	35.44	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
430	02/14/2015 01:48	34.17	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
431	02/14/2015 01:49	32.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
432	02/14/2015 01:50	31.79	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
433	02/14/2015 01:51	30.80	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
434	02/14/2015 01:52	30.00	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
435	02/14/2015 01:53	29.26	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
436	02/14/2015 01:54	28.33	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
437	02/14/2015 01:55	27.34	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
438	02/14/2015 01:56	26.46	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
439	02/14/2015 01:57	25.65	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
440	02/14/2015 01:58	24.85	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
441	02/14/2015 01:59	24.14	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
442	02/14/2015 02:00	23.57	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
443	02/14/2015 02:01	23.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
444	02/14/2015 02:02	22.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
445	02/14/2015 02:03	22.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
446	02/14/2015 02:04	21.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
447	02/14/2015 02:05	21.59	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
448	02/14/2015 02:06	21.27	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
449	02/14/2015 02:07	20.96	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
450	02/14/2015 02:08	20.65	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
451	02/14/2015 02:09	20.32	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
452	02/14/2015 02:10	19.98	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
453	02/14/2015 02:11	19.61	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
454	02/14/2015 02:12	19.21	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
455	02/14/2015 02:13	18.81	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
456	02/14/2015 02:14	18.38	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
457	02/14/2015 02:15	17.92	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
458	02/14/2015 02:16	17.48	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
459	02/14/2015 02:17	17.09	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
460	02/14/2015 02:18	16.54	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
461	02/14/2015 02:19	15.66	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
462	02/14/2015 02:20	14.54	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
463	02/14/2015 02:21	13.43	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
464	02/14/2015 02:22	12.21	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
465	02/14/2015 02:23	11.16	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
466	02/14/2015 02:24	10.30	Malfunction Boiler Tube	Shutdown unit. Repaired tube.	Retention	Yes	Yes
467	02/22/2015 23:19	11.69	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
468	02/22/2015 23:20	11.69	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
469	02/22/2015 23:21	13.39	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
470	02/22/2015 23:22	13.49	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
471	02/22/2015 23:23	13.49	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
472	02/22/2015 23:24	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
473	02/22/2015 23:25	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
474	02/22/2015 23:26	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
475	02/22/2015 23:27	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
476	02/22/2015 23:28	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
477	02/22/2015 23:29	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
478	02/22/2015 23:30	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
479	02/22/2015 23:31	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
480	02/22/2015 23:32	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
481	02/22/2015 23:33	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
482	02/22/2015 23:34	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
483	02/22/2015 23:35	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	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	02/22/2015 23:36	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
485	02/22/2015 23:37	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
486	02/22/2015 23:38	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
487	02/22/2015 23:39	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
488	02/22/2015 23:40	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
489	02/22/2015 23:41	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
490	02/22/2015 23:42	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
491	02/22/2015 23:43	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
492	02/22/2015 23:44	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
493	02/22/2015 23:45	13.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
494	02/22/2015 23:46	13.43	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
495	02/22/2015 23:47	13.43	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
496	02/22/2015 23:48	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
497	02/22/2015 23:49	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
498	02/22/2015 23:50	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
499	02/22/2015 23:51	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
500	02/22/2015 23:52	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
501	02/22/2015 23:53	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
502	02/22/2015 23:54	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
503	02/22/2015 23:55	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
504	02/22/2015 23:56	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
505	02/22/2015 23:57	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
506	02/22/2015 23:58	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
507	02/22/2015 23:59	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
508	02/23/2015 00:00	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
509	02/23/2015 00:01	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
510	02/23/2015 00:02	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
511	02/23/2015 00:03	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
512	02/23/2015 00:04	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
513	02/23/2015 00:05	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
514	02/23/2015 00:06	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
515	02/23/2015 00:07	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
516	02/23/2015 00:08	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
517	02/23/2015 00:09	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
518	02/23/2015 00:10	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
519	02/23/2015 00:11	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
520	02/23/2015 00:12	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
521	02/23/2015 00:13	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
522	02/23/2015 00:14	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
523	02/23/2015 00:15	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
524	02/23/2015 00:16	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
525	02/23/2015 00:17	13.31	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
526	03/04/2015 21:24	12.17	Malfunction Tank Layering	Reduced flow. Restarted unit.	Waste	Yes	Yes
527	03/04/2015 21:25	14.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Waste	Yes	Yes
528	03/04/2015 21:26	15.26	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
529	03/04/2015 21:27	15.44	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
530	03/04/2015 21:28	15.48	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
531	03/04/2015 21:29	15.49	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
532	03/04/2015 21:30	15.49	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
533	03/04/2015 21:31	14.96	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
534	03/04/2015 21:32	12.58	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
535	03/04/2015 21:33	11.72	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
536	03/04/2015 21:34	11.45	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
537	03/04/2015 21:35	11.39	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
538	03/04/2015 21:36	11.38	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
539	03/04/2015 21:37	11.38	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
540	03/04/2015 21:38	11.38	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
541	03/04/2015 21:39	11.38	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
542	03/04/2015 21:40	11.38	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
543	03/04/2015 21:41	11.38	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
544	03/04/2015 21:42	11.22	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
545	03/04/2015 21:43	11.00	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
546	03/04/2015 21:44	10.96	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
547	03/04/2015 21:45	10.96	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
548	03/04/2015 21:46	10.92	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
549	03/04/2015 21:47	10.61	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
550	03/04/2015 21:48	10.54	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
551	03/04/2015 21:49	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
552	03/04/2015 21:50	10.49	Malfunction Tank Layering	Reduced flow. 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	03/04/2015 21:51	10.49	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
554	03/04/2015 21:52	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
555	03/04/2015 21:53	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
556	03/04/2015 21:54	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
557	03/04/2015 21:55	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
558	03/04/2015 21:56	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
559	03/04/2015 21:57	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
560	03/04/2015 21:58	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
561	03/04/2015 21:59	10.50	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
562	03/04/2015 22:00	10.48	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
563	03/04/2015 22:01	10.44	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
564	03/04/2015 22:02	10.44	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
565	03/04/2015 22:03	10.44	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
566	03/04/2015 22:04	10.26	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
567	03/04/2015 22:05	10.06	Malfunction Tank Layering	Reduced flow. Restarted unit.	Retention	Yes	Yes
568	03/05/2015 10:55	10.82	Operator Error Flow Increase	Reduced flow. Restarted unit.	Waste	Yes	Yes
569	03/05/2015 10:56	11.04	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
570	03/05/2015 10:57	11.03	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
571	03/05/2015 10:58	11.01	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
572	03/05/2015 10:59	10.99	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
573	03/05/2015 11:00	10.97	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
574	03/05/2015 11:01	10.95	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
575	03/05/2015 11:02	10.94	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
576	03/05/2015 11:03	10.93	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
577	03/05/2015 11:04	10.92	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
578	03/05/2015 11:05	10.90	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
579	03/05/2015 11:06	10.88	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
580	03/05/2015 11:07	10.87	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
581	03/05/2015 11:08	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
582	03/05/2015 11:09	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
583	03/05/2015 11:10	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
584	03/05/2015 11:11	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
585	03/05/2015 11:12	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
586	03/05/2015 11:13	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
587	03/05/2015 11:14	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
588	03/05/2015 11:15	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
589	03/05/2015 11:16	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
590	03/05/2015 11:17	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
591	03/05/2015 11:18	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
592	03/05/2015 11:19	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
593	03/05/2015 11:20	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
594	03/05/2015 11:21	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
595	03/05/2015 11:22	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
596	03/05/2015 11:23	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
597	03/05/2015 11:24	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
598	03/05/2015 11:25	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
599	03/05/2015 11:26	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
600	03/05/2015 11:27	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
601	03/05/2015 11:28	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
602	03/05/2015 11:29	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
603	03/05/2015 11:30	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
604	03/05/2015 11:31	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
605	03/05/2015 11:32	10.84	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
606	03/05/2015 11:33	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
607	03/05/2015 11:34	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
608	03/05/2015 11:35	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
609	03/05/2015 11:36	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
610	03/05/2015 11:37	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
611	03/05/2015 11:38	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
612	03/05/2015 11:39	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
613	03/05/2015 11:40	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
614	03/05/2015 11:41	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
615	03/05/2015 11:42	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
616	03/05/2015 11:43	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
617	03/05/2015 11:44	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
618	03/05/2015 11:45	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
619	03/05/2015 11:46	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
620	03/05/2015 11:47	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
621	03/05/2015 11:48	10.78	Operator Error Flow Increase	Reduced flow. 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?
622	03/05/2015 11:49	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
623	03/05/2015 11:50	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
624	03/05/2015 11:51	10.78	Operator Error Flow Increase	Reduced flow. Restarted unit.	Retention	Yes	Yes
625	03/14/2015 01:01	12.63	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
626	03/14/2015 01:02	14.96	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
627	03/14/2015 01:03	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
628	03/14/2015 01:04	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
629	03/14/2015 01:05	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
630	03/14/2015 01:06	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
631	03/14/2015 01:07	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
632	03/14/2015 01:08	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
633	03/14/2015 01:09	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
634	03/14/2015 01:10	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
635	03/14/2015 01:11	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
636	03/14/2015 01:12	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
637	03/14/2015 01:13	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
638	03/14/2015 01:14	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
639	03/14/2015 01:15	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
640	03/14/2015 01:16	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
641	03/14/2015 01:17	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
642	03/14/2015 01:18	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
643	03/14/2015 01:19	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
644	03/14/2015 01:20	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
645	03/14/2015 01:21	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
646	03/14/2015 01:22	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
647	03/14/2015 01:23	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
648	03/14/2015 01:24	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
649	03/14/2015 01:25	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
650	03/14/2015 01:26	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
651	03/14/2015 01:27	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
652	03/14/2015 01:28	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
653	03/14/2015 01:29	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
654	03/14/2015 01:30	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
655	03/14/2015 01:31	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
656	03/14/2015 01:32	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
657	03/14/2015 01:33	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
658	03/14/2015 01:34	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
659	03/14/2015 01:35	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
660	03/14/2015 01:36	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
661	03/14/2015 01:37	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
662	03/14/2015 01:38	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
663	03/14/2015 01:39	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
664	03/14/2015 01:40	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
665	03/14/2015 01:41	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
666	03/14/2015 01:42	15.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
667	03/14/2015 01:43	15.80	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
668	03/14/2015 01:44	15.80	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
669	03/14/2015 01:45	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
670	03/14/2015 01:46	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
671	03/14/2015 01:47	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
672	03/14/2015 01:48	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
673	03/14/2015 01:49	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
674	03/14/2015 01:50	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
675	03/14/2015 01:51	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
676	03/14/2015 01:52	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
677	03/14/2015 01:53	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
678	03/14/2015 01:54	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
679	03/14/2015 01:55	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
680	03/14/2015 01:56	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
681	03/14/2015 01:57	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
682	03/14/2015 01:58	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
683	03/14/2015 01:59	15.71	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
684	03/14/2015 02:00	10.78	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
		684	Total Minutes in Exceedance				
		12	Number of Events				
			Total Emissions for the Quarter				
		267	(LBS)				
		0.13	(Tons)				

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?

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?
1	03/24/2015 20:41	12.40	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
2	03/24/2015 20:42	14.13	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
3	03/24/2015 20:43	15.17	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
4	03/24/2015 20:44	15.80	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
5	03/24/2015 20:45	16.23	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
6	03/24/2015 20:46	16.32	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
7	03/24/2015 20:47	16.46	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
8	03/24/2015 20:48	17.36	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
9	03/24/2015 20:49	18.13	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
10	03/24/2015 20:50	18.56	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
11	03/24/2015 20:51	18.77	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
12	03/24/2015 20:52	18.82	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
13	03/24/2015 20:53	18.73	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
14	03/24/2015 20:54	18.67	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
15	03/24/2015 20:55	19.31	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
16	03/24/2015 20:56	19.86	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
17	03/24/2015 20:57	20.16	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
18	03/24/2015 20:58	20.21	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
19	03/24/2015 20:59	20.18	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
20	03/24/2015 21:00	20.03	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
21	03/24/2015 21:01	19.85	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
22	03/24/2015 21:02	19.64	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
23	03/24/2015 21:03	19.43	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
24	03/24/2015 21:04	19.18	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
25	03/24/2015 21:05	19.29	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
26	03/24/2015 21:06	19.57	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
27	03/24/2015 21:07	19.74	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
28	03/24/2015 21:08	19.79	Shutdown - Scrubber Inspection	Adjusted Burner	Offline	No	No
29	03/24/2015 21:09	19.78	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
30	03/24/2015 21:10	19.74	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
31	03/24/2015 21:11	19.61	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
32	03/24/2015 21:12	19.51	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
33	03/24/2015 21:13	19.23	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
34	03/24/2015 21:14	18.87	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
35	03/24/2015 21:15	18.51	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
36	03/24/2015 21:16	18.14	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
37	03/24/2015 21:17	17.78	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
38	03/24/2015 21:18	17.43	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
39	03/24/2015 21:19	17.10	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
40	03/24/2015 21:20	16.79	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
41	03/24/2015 21:21	16.49	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
42	03/24/2015 21:22	16.20	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
43	03/24/2015 21:23	15.91	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
44	03/24/2015 21:24	15.63	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
45	03/24/2015 21:25	15.36	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
46	03/24/2015 21:26	15.10	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
47	03/24/2015 21:27	14.85	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
48	03/24/2015 21:28	14.61	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
49	03/24/2015 21:29	14.37	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
50	03/24/2015 21:30	14.14	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
51	03/24/2015 21:31	13.91	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
52	03/24/2015 21:32	13.69	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
53	03/24/2015 21:33	13.48	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
54	03/24/2015 21:34	13.27	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
55	03/24/2015 21:35	13.06	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
56	03/24/2015 21:36	12.87	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
57	03/24/2015 21:37	12.75	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
58	03/24/2015 21:38	12.65	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
59	03/24/2015 21:39	12.58	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
60	03/24/2015 21:40	12.38	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
61	03/24/2015 21:41	12.03	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
62	03/24/2015 21:42	11.66	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
63	03/24/2015 21:43	11.30	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
64	03/24/2015 21:44	10.96	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
65	03/24/2015 21:45	10.63	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
66	03/24/2015 21:46	10.35	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No
67	03/24/2015 21:47	10.05	Shutdown - Scrubber Inspection	Adjusted Burner	Fuels	No	No

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?
		67	Total Minutes in Exceedance				
		1	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-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		15-Feb-15	08:03 AM	08:18 AM	15	Calibration Check
02-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		16-Feb-15	09:06 AM	09:28 AM	22	Calibration Check
03-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		17-Feb-15	06:39 AM	07:00 AM	21	Calibration Check
04-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		18-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
05-Jan-15	08:15 AM	08:30 AM	15	Calibration Check		19-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
06-Jan-15	07:34 AM	07:42 AM	8	Calibration Check		20-Feb-15	07:19 AM	07:40 AM	21	Calibration Check
07-Jan-15	06:56 AM	07:17 AM	21	Calibration Check		21-Feb-15	08:58 AM	09:20 AM	22	Calibration Check
08-Jan-15	07:05 AM	07:13 AM	8	Calibration Check		22-Feb-15	09:26 AM	09:47 AM	21	Calibration Check
09-Jan-15	05:49 AM	06:11 AM	22	Calibration Check		23-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-15	10:58 AM	11:19 AM	21	Calibration Check		24-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-15	07:00 AM	07:21 AM	21	Calibration Check		25-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		26-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		27-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		28-Feb-15	07:06 AM	07:27 AM	21	Calibration Check
15-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		01-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		02-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-15	08:00 AM	08:22 AM	22	Calibration Check		03-Mar-15	05:02 AM	05:23 AM	21	Calibration Check
18-Jan-15	09:17 AM	09:38 AM	21	Calibration Check		04-Mar-15	06:48 AM	07:10 AM	22	Calibration Check
19-Jan-15	06:28 AM	06:49 AM	21	Calibration Check		05-Mar-15	06:57 AM	07:19 AM	22	Calibration Check
20-Jan-15	06:21 AM	06:42 AM	21	Calibration Check		06-Mar-15	06:48 AM	07:09 AM	21	Calibration Check
21-Jan-15	06:36 AM	06:58 AM	22	Calibration Check		07-Mar-15	07:29 AM	07:50 AM	21	Calibration Check
22-Jan-15	06:49 AM	07:03 AM	14	Calibration Check		08-Mar-15	09:56 AM	10:18 AM	22	Calibration Check
23-Jan-15	06:23 AM	06:37 AM	14	Calibration Check		09-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-15	05:28 AM	05:49 AM	21	Calibration Check		10-Mar-15	06:49 AM	07:03 AM	14	Calibration Check
25-Jan-15	07:13 AM	07:27 AM	14	Calibration Check		11-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-15	07:29 AM	07:45 AM	16	Calibration Check		12-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		13-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		14-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		15-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		16-Mar-15	07:09 AM	07:30 AM	21	Calibration Check
31-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		17-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
01-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
02-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		19-Mar-15	06:38 AM	06:59 AM	21	Calibration Check
03-Feb-15	07:06 AM	07:28 AM	22	Calibration Check		19-Mar-15	07:10 AM	07:18 AM	8	Re-calibration
04-Feb-15	07:03 AM	07:24 AM	21	Calibration Check		20-Mar-15	06:48 AM	06:56 AM	8	Calibration Check
05-Feb-15	06:13 AM	06:34 AM	21	Calibration Check		21-Mar-15	05:07 AM	05:29 AM	22	Calibration Check
06-Feb-15	06:35 AM	06:57 AM	22	Calibration Check		22-Mar-15	06:39 PM	06:54 PM	15	Calibration Check
07-Feb-15	11:03 AM	11:24 AM	21	Calibration Check		23-Mar-15	03:20 PM	03:42 PM	22	Calibration Check
08-Feb-15	07:08 AM	07:29 AM	21	Calibration Check		24-Mar-15	06:05 AM	06:26 AM	21	Calibration Check
09-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		25-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
10-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		26-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
11-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		27-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		28-Mar-15	06:59 AM	07:08 AM	9	Calibration Check
13-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		29-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		30-Mar-15	06:52 AM	07:14 AM	22	Calibration Check
						31-Mar-15	05:29 AM	05.50 AM	21	Calibration Check
			Minutes						Minutes	
			892						919	
Total minutes for quality assurance:										
			Minutes							
			1811							

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		15-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
02-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		16-Feb-15	09:33 AM	09:44 AM	11	Calibration Check
03-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		17-Feb-15	07:04 AM	07:16 AM	12	Calibration Check
04-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		18-Feb-15	07:07 AM	07:18 AM	11	Calibration Check
05-Jan-15	07:58 AM	08:09 AM	11	Calibration Check		19-Feb-15	07:07 AM	07:19 AM	12	Calibration Check
06-Jan-15	07:28 AM	07:32 AM	4	Calibration Check		20-Feb-15	07:00 AM	07:11 AM	11	Calibration Check
07-Jan-15	07:40 AM	07:48 AM	8	Calibration Check		21-Feb-15	08:43 AM	08:54 AM	11	Calibration Check
08-Jan-15	07:35 AM	07:43 AM	8	Calibration Check		22-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
09-Jan-15	06:16 AM	06:25 AM	9	Calibration Check		23-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
10-Jan-15	11:24 AM	11:33 AM	9	Calibration Check		24-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
11-Jan-15	07:27 AM	07:35 AM	8	Calibration Check		25-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
12-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		26-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
13-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		27-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
14-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		28-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
15-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		01-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
16-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		02-Mar-15	06:46 AM	06:57 AM	11	Calibration Check
17-Jan-15	08:36 AM	08:48 AM	12	Calibration Check		03-Mar-15	05:29 AM	05:40 AM	11	Calibration Check
18-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		04-Mar-15	07:41 AM	07:46 AM	5	Calibration Check
19-Jan-15	06:54 AM	07:05 AM	11	Calibration Check		05-Mar-15	07:23 AM	07:34 AM	11	Calibration Check
20-Jan-15	06:47 AM	06:58 AM	11	Calibration Check		06-Mar-15	07:14 AM	07:25 AM	11	Calibration Check
21-Jan-15	07:03 AM	07:14 AM	11	Calibration Check		07-Mar-15	07:56 AM	08:07 AM	11	Calibration Check
22-Jan-15	07:07 AM	07:19 AM	12	Calibration Check		08-Mar-15	10:23 AM	10:34 AM	11	Calibration Check
23-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		09-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
24-Jan-15	05:59 AM	06:11 AM	12	Calibration Check		10-Mar-15	07:09 AM	07:20 AM	11	Calibration Check
25-Jan-15	07:34 AM	07:45 AM	11	Calibration Check		11-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
26-Jan-15	06:52 AM	07:03 AM	11	Calibration Check		12-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
27-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		13-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
28-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		14-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
29-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		15-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
30-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		16-Mar-15	07:39 AM	07:50 AM	11	Calibration Check
31-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		17-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
01-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		18-Mar-15	07:12 AM	07:23 AM	11	Calibration Check
02-Feb-15	07:21 AM	07:29 AM	8	Calibration Check		19-Mar-15	07:25 AM	07:36 AM	11	Calibration Check
03-Feb-15	07:33 AM	07:44 AM	11	Calibration Check		20-Mar-15	07:08 AM	07:19 AM	11	Calibration Check
04-Feb-15	07:32 AM	07:43 AM	11	Calibration Check		21-Mar-15	05:41 AM	05:46 AM	5	Calibration Check
05-Feb-15	06:42 AM	06:53 AM	11	Calibration Check		22-Mar-15	12:08 PM	12:19 PM	11	Calibration Check
06-Feb-15	07:03 AM	07:14 AM	11	Calibration Check		23-Mar-15	07:40 AM	07:51 AM	11	Calibration Check
07-Feb-15	11:29 AM	11:40 AM	11	Calibration Check		24-Mar-15	06:31 AM	06:42 AM	11	Calibration Check
08-Feb-15	07:37 AM	07:48 AM	11	Calibration Check		25-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
09-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		26-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
10-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		27-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
11-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		28-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
12-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		29-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
13-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		30-Mar-15	07:24 AM	07:35 AM	11	Calibration Check
14-Feb-15	06:47 AM	06:58 AM	11	Calibration Check		31-Mar-15	05:57 AM	06:08 AM	11	Calibration Check
			Minutes						Minutes	
			475						485	
Total minutes for quality assurance:										
			Minutes							
			960							

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							
1/25/2015	9:00 PM	9:08 PM	8	Checked for Drift	Manual Calibration	On Hazardous Waste	
3/15/2015	5:41 AM	5:51 AM	10	Checking Analyzer	None - Checked well	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
3/19/2015	7:10 AM	7:18 AM	8	STACK RE-CALIBRATION	NONE	Off-line	
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
1/26/2015	7:15 AM	7:29 AM	14	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste	
3/26/2015	5:32 AM	5:44 AM	12	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste	
				THC #2			
WORK ON THIS ANALYZER							
2/2/2015	7:06 AM	7:12 AM	6	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
3/23/2015	7:20 AM	7:30 AM	10	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
OUT OF CONTROL PERIODS							
SYSTEM RECALIBRATIONS							
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
2/13/2015	10:12 AM	10:51 AM	39	OTHER ANALYZER WORK DONE (CO)	None	On Hazardous Waste	
2/13/2015	11:00 AM	2:11 PM	191	OTHER ANALYZER WORK DONE (CO)	Replaced source calbration check	On Hazardous Waste	
				Other			
UNRECORDED TIME (MISSING MINUTES)							
3/19/2015	4:22 PM	4:26 PM	4	Outage Work	NONE	Offline	
3/19/2015	8:05 PM	8:05 PM	1	Outage Work	NONE	Offline	
TOTAL MINUTES IN QUARTER:					**129,600**		
TOTAL OPERATING TIME OF SOURCE:					**121,882**		
TOTAL DOWNTIME OF CEM SYSTEM:					**5**		
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**0**		
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**121,882**		
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

NOx
Excess Emissions Report

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

	Date	LB/HR	Reason	Corrective Action	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
		0	Total Minutes in Exceedance			
		0	Number of Events			
			Total Emissions for the Quarter			
		39814	(LBS)			
		19.91	(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)
01/01/2015 00:00	24.05
01/01/2015 03:00	21.97
01/01/2015 06:00	25.23
01/01/2015 09:00	19.79
01/01/2015 12:00	17.80
01/01/2015 15:00	18.95
01/01/2015 18:00	17.78
01/01/2015 21:00	19.60
01/02/2015 00:00	22.03
01/02/2015 03:00	19.61
01/02/2015 06:00	21.42
01/02/2015 09:00	17.28
01/02/2015 12:00	17.58
01/02/2015 15:00	17.16
01/02/2015 18:00	18.77
01/02/2015 21:00	16.16
01/03/2015 00:00	15.92
01/03/2015 03:00	17.20
01/03/2015 06:00	15.81
01/03/2015 09:00	14.10
01/03/2015 12:00	15.32
01/03/2015 15:00	20.76
01/03/2015 18:00	19.21
01/03/2015 21:00	15.93
01/04/2015 00:00	21.22
01/04/2015 03:00	20.82
01/04/2015 06:00	20.22
01/04/2015 09:00	19.05
01/04/2015 12:00	19.48
01/04/2015 15:00	19.38
01/04/2015 18:00	20.72
01/04/2015 21:00	20.36
01/05/2015 00:00	18.93
01/05/2015 03:00	21.53
01/05/2015 06:00	21.29
01/05/2015 09:00	17.83
01/05/2015 12:00	12.21
01/05/2015 15:00	14.04
01/05/2015 18:00	20.17
01/05/2015 21:00	19.84
01/06/2015 00:00	18.43
01/06/2015 03:00	18.55
01/06/2015 06:00	18.31
01/06/2015 09:00	5.85
01/06/2015 12:00	22.35
01/06/2015 15:00	20.27
01/06/2015 18:00	19.69
01/06/2015 21:00	21.91
01/07/2015 00:00	20.53
01/07/2015 03:00	20.07
01/07/2015 06:00	20.25

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)
01/07/2015 09:00	19.13
01/07/2015 12:00	21.87
01/07/2015 15:00	20.68
01/07/2015 18:00	24.06
01/07/2015 21:00	24.69
01/08/2015 00:00	23.50
01/08/2015 03:00	22.75
01/08/2015 06:00	21.97
01/08/2015 09:00	20.83
01/08/2015 12:00	22.17
01/08/2015 15:00	23.95
01/08/2015 18:00	25.61
01/08/2015 21:00	21.45
01/09/2015 00:00	23.50
01/09/2015 03:00	17.21
01/09/2015 06:00	23.91
01/09/2015 09:00	20.40
01/09/2015 12:00	20.32
01/09/2015 15:00	22.66
01/09/2015 18:00	23.73
01/09/2015 21:00	23.76
01/10/2015 00:00	21.43
01/10/2015 03:00	23.31
01/10/2015 06:00	24.68
01/10/2015 09:00	21.06
01/10/2015 12:00	22.49
01/10/2015 15:00	21.47
01/10/2015 18:00	20.57
01/10/2015 21:00	24.21
01/11/2015 00:00	23.15
01/11/2015 03:00	22.24
01/11/2015 06:00	22.65
01/11/2015 09:00	22.87
01/11/2015 12:00	23.83
01/11/2015 15:00	24.36
01/11/2015 18:00	22.69
01/11/2015 21:00	23.01
01/12/2015 00:00	25.17
01/12/2015 03:00	23.38
01/12/2015 06:00	24.33
01/12/2015 09:00	21.47
01/12/2015 12:00	21.79
01/12/2015 15:00	22.32
01/12/2015 18:00	23.52
01/12/2015 21:00	22.43
01/13/2015 00:00	19.87
01/13/2015 03:00	22.83
01/13/2015 06:00	19.02
01/13/2015 09:00	17.42
01/13/2015 12:00	19.60
01/13/2015 15:00	20.64

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)
01/13/2015 18:00	18.33
01/13/2015 21:00	14.22
01/14/2015 00:00	16.61
01/14/2015 03:00	15.00
01/14/2015 06:00	14.99
01/14/2015 09:00	18.85
01/14/2015 12:00	18.78
01/14/2015 15:00	20.78
01/14/2015 18:00	20.19
01/14/2015 21:00	25.76
01/15/2015 00:00	23.05
01/15/2015 03:00	24.47
01/15/2015 06:00	21.87
01/15/2015 09:00	19.13
01/15/2015 12:00	18.63
01/15/2015 15:00	18.59
01/15/2015 18:00	22.44
01/15/2015 21:00	23.19
01/16/2015 00:00	22.57
01/16/2015 03:00	22.44
01/16/2015 06:00	22.30
01/16/2015 09:00	19.96
01/16/2015 12:00	19.20
01/16/2015 15:00	17.82
01/16/2015 18:00	21.96
01/16/2015 21:00	21.71
01/17/2015 00:00	21.33
01/17/2015 03:00	19.41
01/17/2015 06:00	24.41
01/17/2015 09:00	22.53
01/17/2015 12:00	21.60
01/17/2015 15:00	19.69
01/17/2015 18:00	20.68
01/17/2015 21:00	21.87
01/18/2015 00:00	17.06
01/18/2015 03:00	23.53
01/18/2015 06:00	15.99
01/18/2015 09:00	25.04
01/18/2015 12:00	20.72
01/18/2015 15:00	24.49
01/18/2015 18:00	25.74
01/18/2015 21:00	22.60
01/19/2015 00:00	20.50
01/19/2015 03:00	19.87
01/19/2015 06:00	17.98
01/19/2015 09:00	17.09
01/19/2015 12:00	17.69
01/19/2015 15:00	14.58
01/19/2015 18:00	16.00
01/19/2015 21:00	17.84
01/20/2015 00:00	19.70

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)
01/20/2015 03:00	19.55
01/20/2015 06:00	20.95
01/20/2015 09:00	18.70
01/20/2015 12:00	19.55
01/20/2015 15:00	19.05
01/20/2015 18:00	20.19
01/20/2015 21:00	22.89
01/21/2015 00:00	22.65
01/21/2015 03:00	23.84
01/21/2015 06:00	23.53
01/21/2015 09:00	21.32
01/21/2015 12:00	18.67
01/21/2015 15:00	17.77
01/21/2015 18:00	20.15
01/21/2015 21:00	21.78
01/22/2015 00:00	23.66
01/22/2015 03:00	19.96
01/22/2015 06:00	19.74
01/22/2015 09:00	20.50
01/22/2015 12:00	21.89
01/22/2015 15:00	22.33
01/22/2015 18:00	23.77
01/22/2015 21:00	22.47
01/23/2015 00:00	21.97
01/23/2015 03:00	22.75
01/23/2015 06:00	21.03
01/23/2015 09:00	21.02
01/23/2015 12:00	22.29
01/23/2015 15:00	16.15
01/23/2015 18:00	21.70
01/23/2015 21:00	20.76
01/24/2015 00:00	19.75
01/24/2015 03:00	20.68
01/24/2015 06:00	22.15
01/24/2015 09:00	19.42
01/24/2015 12:00	21.62
01/24/2015 15:00	22.80
01/24/2015 18:00	18.82
01/24/2015 21:00	15.88
01/25/2015 00:00	17.42
01/25/2015 03:00	16.56
01/25/2015 06:00	17.71
01/25/2015 09:00	17.81
01/25/2015 12:00	17.53
01/25/2015 15:00	16.59
01/25/2015 18:00	18.03
01/25/2015 21:00	19.00
01/26/2015 00:00	20.93
01/26/2015 03:00	21.53
01/26/2015 06:00	26.07
01/26/2015 09:00	25.17

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)
01/26/2015 12:00	21.95
01/26/2015 15:00	19.59
01/26/2015 18:00	18.75
01/26/2015 21:00	18.80
01/27/2015 00:00	15.91
01/27/2015 03:00	17.48
01/27/2015 06:00	17.44
01/27/2015 09:00	16.84
01/27/2015 12:00	16.88
01/27/2015 15:00	17.34
01/27/2015 18:00	20.51
01/27/2015 21:00	22.99
01/28/2015 00:00	17.03
01/28/2015 03:00	19.13
01/28/2015 06:00	18.87
01/28/2015 09:00	18.28
01/28/2015 12:00	18.49
01/28/2015 15:00	21.83
01/28/2015 18:00	18.51
01/28/2015 21:00	20.91
01/29/2015 00:00	18.94
01/29/2015 03:00	20.48
01/29/2015 06:00	24.05
01/29/2015 09:00	18.97
01/29/2015 12:00	14.39
01/29/2015 15:00	17.03
01/29/2015 18:00	22.22
01/29/2015 21:00	23.77
01/30/2015 00:00	22.53
01/30/2015 03:00	21.65
01/30/2015 06:00	23.77
01/30/2015 09:00	19.71
01/30/2015 12:00	18.80
01/30/2015 15:00	18.67
01/30/2015 18:00	19.18
01/30/2015 21:00	16.98
01/31/2015 00:00	14.48
01/31/2015 03:00	15.52
01/31/2015 06:00	21.13
01/31/2015 09:00	17.33
01/31/2015 12:00	18.73
01/31/2015 15:00	18.57
01/31/2015 18:00	18.59
01/31/2015 21:00	17.89
02/01/2015 00:00	17.68
02/01/2015 03:00	21.04
02/01/2015 06:00	18.68
02/01/2015 09:00	19.76
02/01/2015 12:00	18.57
02/01/2015 15:00	18.37
02/01/2015 18:00	19.21

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)
02/01/2015 21:00	15.56
02/02/2015 00:00	16.89
02/02/2015 03:00	17.02
02/02/2015 06:00	16.84
02/02/2015 09:00	20.20
02/02/2015 12:00	21.49
02/02/2015 15:00	17.85
02/02/2015 18:00	17.39
02/02/2015 21:00	18.18
02/03/2015 00:00	16.38
02/03/2015 03:00	15.94
02/03/2015 06:00	18.12
02/03/2015 09:00	18.24
02/03/2015 12:00	18.65
02/03/2015 15:00	20.01
02/03/2015 18:00	23.76
02/03/2015 21:00	22.44
02/04/2015 00:00	21.92
02/04/2015 03:00	23.94
02/04/2015 06:00	22.26
02/04/2015 09:00	23.44
02/04/2015 12:00	21.47
02/04/2015 15:00	20.63
02/04/2015 18:00	23.18
02/04/2015 21:00	21.97
02/05/2015 00:00	23.43
02/05/2015 03:00	19.44
02/05/2015 06:00	20.06
02/05/2015 09:00	19.62
02/05/2015 12:00	15.93
02/05/2015 15:00	18.09
02/05/2015 18:00	20.17
02/05/2015 21:00	20.65
02/06/2015 00:00	24.41
02/06/2015 03:00	24.87
02/06/2015 06:00	21.14
02/06/2015 09:00	20.11
02/06/2015 12:00	18.84
02/06/2015 15:00	19.14
02/06/2015 18:00	18.50
02/06/2015 21:00	23.02
02/07/2015 00:00	22.07
02/07/2015 03:00	21.80
02/07/2015 06:00	22.75
02/07/2015 09:00	22.05
02/07/2015 12:00	22.59
02/07/2015 15:00	20.66
02/07/2015 18:00	19.28
02/07/2015 21:00	19.20
02/08/2015 00:00	21.94
02/08/2015 03:00	18.51

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)
02/08/2015 06:00	19.43
02/08/2015 09:00	21.95
02/08/2015 12:00	22.57
02/08/2015 15:00	19.91
02/08/2015 18:00	24.08
02/08/2015 21:00	23.99
02/09/2015 00:00	22.95
02/09/2015 03:00	21.44
02/09/2015 06:00	21.09
02/09/2015 09:00	21.53
02/09/2015 12:00	14.04
02/09/2015 15:00	17.29
02/09/2015 18:00	18.87
02/09/2015 21:00	22.44
02/10/2015 00:00	21.84
02/10/2015 03:00	20.74
02/10/2015 06:00	20.03
02/10/2015 09:00	18.23
02/10/2015 12:00	19.87
02/10/2015 15:00	17.95
02/10/2015 18:00	20.89
02/10/2015 21:00	19.80
02/11/2015 00:00	18.55
02/11/2015 03:00	20.72
02/11/2015 06:00	20.01
02/11/2015 09:00	18.48
02/11/2015 12:00	19.69
02/11/2015 15:00	17.52
02/11/2015 18:00	15.91
02/11/2015 21:00	16.26
02/12/2015 00:00	16.22
02/12/2015 03:00	16.24
02/12/2015 06:00	16.45
02/12/2015 09:00	15.36
02/12/2015 12:00	18.89
02/12/2015 15:00	17.12
02/12/2015 18:00	12.65
02/12/2015 21:00	17.27
02/13/2015 00:00	15.54
02/13/2015 03:00	21.27
02/13/2015 06:00	23.90
02/13/2015 09:00	22.04
02/13/2015 12:00	20.94
02/13/2015 15:00	21.45
02/13/2015 18:00	24.53
02/13/2015 21:00	24.86
02/14/2015 00:00	20.16
02/14/2015 03:00	0.57
02/14/2015 06:00	0.00
02/14/2015 09:00	0.00
02/14/2015 12:00	0.00

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)
02/14/2015 15:00	0.00
02/14/2015 18:00	0.00
02/14/2015 21:00	0.00
02/15/2015 00:00	0.00
02/15/2015 03:00	0.00
02/15/2015 06:00	0.00
02/15/2015 09:00	0.00
02/15/2015 12:00	0.00
02/15/2015 15:00	0.00
02/15/2015 18:00	0.01
02/15/2015 21:00	0.90
02/16/2015 00:00	0.82
02/16/2015 03:00	0.37
02/16/2015 06:00	0.37
02/16/2015 09:00	3.83
02/16/2015 12:00	7.47
02/16/2015 15:00	8.87
02/16/2015 18:00	7.44
02/16/2015 21:00	6.48
02/17/2015 00:00	6.38
02/17/2015 03:00	24.47
02/17/2015 06:00	21.82
02/17/2015 09:00	23.91
02/17/2015 12:00	24.07
02/17/2015 15:00	23.29
02/17/2015 18:00	21.40
02/17/2015 21:00	22.63
02/18/2015 00:00	22.89
02/18/2015 03:00	21.02
02/18/2015 06:00	18.99
02/18/2015 09:00	16.54
02/18/2015 12:00	15.75
02/18/2015 15:00	19.05
02/18/2015 18:00	17.32
02/18/2015 21:00	15.60
02/19/2015 00:00	14.18
02/19/2015 03:00	15.60
02/19/2015 06:00	17.57
02/19/2015 09:00	15.90
02/19/2015 12:00	15.85
02/19/2015 15:00	18.25
02/19/2015 18:00	18.98
02/19/2015 21:00	20.38
02/20/2015 00:00	18.94
02/20/2015 03:00	17.91
02/20/2015 06:00	17.19
02/20/2015 09:00	20.71
02/20/2015 12:00	19.33
02/20/2015 15:00	18.73
02/20/2015 18:00	18.83
02/20/2015 21:00	20.10

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)
02/21/2015 00:00	21.04
02/21/2015 03:00	21.92
02/21/2015 06:00	18.88
02/21/2015 09:00	19.76
02/21/2015 12:00	18.62
02/21/2015 15:00	16.73
02/21/2015 18:00	17.63
02/21/2015 21:00	16.91
02/22/2015 00:00	22.00
02/22/2015 03:00	17.65
02/22/2015 06:00	19.83
02/22/2015 09:00	15.61
02/22/2015 12:00	16.82
02/22/2015 15:00	18.05
02/22/2015 18:00	18.65
02/22/2015 21:00	19.20
02/23/2015 00:00	18.75
02/23/2015 03:00	21.25
02/23/2015 06:00	24.64
02/23/2015 09:00	22.33
02/23/2015 12:00	20.98
02/23/2015 15:00	22.26
02/23/2015 18:00	25.11
02/23/2015 21:00	25.31
02/24/2015 00:00	25.42
02/24/2015 03:00	25.64
02/24/2015 06:00	23.00
02/24/2015 09:00	17.97
02/24/2015 12:00	16.47
02/24/2015 15:00	17.83
02/24/2015 18:00	17.82
02/24/2015 21:00	21.05
02/25/2015 00:00	20.71
02/25/2015 03:00	21.30
02/25/2015 06:00	22.88
02/25/2015 09:00	19.22
02/25/2015 12:00	24.56
02/25/2015 15:00	23.95
02/25/2015 18:00	23.87
02/25/2015 21:00	24.98
02/26/2015 00:00	25.92
02/26/2015 03:00	24.31
02/26/2015 06:00	23.08
02/26/2015 09:00	20.77
02/26/2015 12:00	18.24
02/26/2015 15:00	17.16
02/26/2015 18:00	18.83
02/26/2015 21:00	16.87
02/27/2015 00:00	7.21
02/27/2015 03:00	11.98
02/27/2015 06:00	19.52

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)
02/27/2015 09:00	18.72
02/27/2015 12:00	23.39
02/27/2015 15:00	21.16
02/27/2015 18:00	18.78
02/27/2015 21:00	21.38
02/28/2015 00:00	22.46
02/28/2015 03:00	21.36
02/28/2015 06:00	19.25
02/28/2015 09:00	17.69
02/28/2015 12:00	19.23
02/28/2015 15:00	19.20
02/28/2015 18:00	22.29
02/28/2015 21:00	17.77
03/01/2015 00:00	16.02
03/01/2015 03:00	15.89
03/01/2015 06:00	16.62
03/01/2015 09:00	17.86
03/01/2015 12:00	18.97
03/01/2015 15:00	20.11
03/01/2015 18:00	19.97
03/01/2015 21:00	22.89
03/02/2015 00:00	20.23
03/02/2015 03:00	20.06
03/02/2015 06:00	22.69
03/02/2015 09:00	17.91
03/02/2015 12:00	18.16
03/02/2015 15:00	18.59
03/02/2015 18:00	20.44
03/02/2015 21:00	24.13
03/03/2015 00:00	24.07
03/03/2015 03:00	23.76
03/03/2015 06:00	24.19
03/03/2015 09:00	20.78
03/03/2015 12:00	18.80
03/03/2015 15:00	16.83
03/03/2015 18:00	17.46
03/03/2015 21:00	17.05
03/04/2015 00:00	17.58
03/04/2015 03:00	17.23
03/04/2015 06:00	16.35
03/04/2015 09:00	17.20
03/04/2015 12:00	18.49
03/04/2015 15:00	15.63
03/04/2015 18:00	16.28
03/04/2015 21:00	14.19
03/05/2015 00:00	14.44
03/05/2015 03:00	18.89
03/05/2015 06:00	20.12
03/05/2015 09:00	20.90
03/05/2015 12:00	13.51
03/05/2015 15:00	20.05

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)
03/05/2015 18:00	20.59
03/05/2015 21:00	22.11
03/06/2015 00:00	23.92
03/06/2015 03:00	22.20
03/06/2015 06:00	19.51
03/06/2015 09:00	22.37
03/06/2015 12:00	21.94
03/06/2015 15:00	19.02
03/06/2015 18:00	22.68
03/06/2015 21:00	22.44
03/07/2015 00:00	21.86
03/07/2015 03:00	23.52
03/07/2015 06:00	22.85
03/07/2015 09:00	24.44
03/07/2015 12:00	17.24
03/07/2015 15:00	17.44
03/07/2015 18:00	17.74
03/07/2015 21:00	19.18
03/08/2015 00:00	20.61
03/08/2015 03:00	22.25
03/08/2015 06:00	20.97
03/08/2015 09:00	20.74
03/08/2015 12:00	19.31
03/08/2015 15:00	20.77
03/08/2015 18:00	19.92
03/08/2015 21:00	18.74
03/09/2015 00:00	22.14
03/09/2015 03:00	22.40
03/09/2015 06:00	21.80
03/09/2015 09:00	16.01
03/09/2015 12:00	16.81
03/09/2015 15:00	16.45
03/09/2015 18:00	20.90
03/09/2015 21:00	21.38
03/10/2015 00:00	22.96
03/10/2015 03:00	22.29
03/10/2015 06:00	20.38
03/10/2015 09:00	20.99
03/10/2015 12:00	19.68
03/10/2015 15:00	18.64
03/10/2015 18:00	20.16
03/10/2015 21:00	20.90
03/11/2015 00:00	16.67
03/11/2015 03:00	18.28
03/11/2015 06:00	19.35
03/11/2015 09:00	15.00
03/11/2015 12:00	15.67
03/11/2015 15:00	16.72
03/11/2015 18:00	15.59
03/11/2015 21:00	16.96
03/12/2015 00:00	18.02

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)
03/12/2015 03:00	22.39
03/12/2015 06:00	22.24
03/12/2015 09:00	19.99
03/12/2015 12:00	22.31
03/12/2015 15:00	21.47
03/12/2015 18:00	22.17
03/12/2015 21:00	20.88
03/13/2015 00:00	17.96
03/13/2015 03:00	15.70
03/13/2015 06:00	16.39
03/13/2015 09:00	17.89
03/13/2015 12:00	16.70
03/13/2015 15:00	17.13
03/13/2015 18:00	20.37
03/13/2015 21:00	20.80
03/14/2015 00:00	18.01
03/14/2015 03:00	13.06
03/14/2015 06:00	16.47
03/14/2015 09:00	18.64
03/14/2015 12:00	18.60
03/14/2015 15:00	18.42
03/14/2015 18:00	22.54
03/14/2015 21:00	22.02
03/15/2015 00:00	22.80
03/15/2015 03:00	22.93
03/15/2015 06:00	22.71
03/15/2015 09:00	19.80
03/15/2015 12:00	19.97
03/15/2015 15:00	19.68
03/15/2015 18:00	17.16
03/15/2015 21:00	11.84
03/16/2015 00:00	21.98
03/16/2015 03:00	21.59
03/16/2015 06:00	20.39
03/16/2015 09:00	18.56
03/16/2015 12:00	18.91
03/16/2015 15:00	19.55
03/16/2015 18:00	19.74
03/16/2015 21:00	20.04
03/17/2015 00:00	23.15
03/17/2015 03:00	24.37
03/17/2015 06:00	22.31
03/17/2015 09:00	21.16
03/17/2015 12:00	18.48
03/17/2015 15:00	17.73
03/17/2015 18:00	24.62
03/17/2015 21:00	24.16
03/18/2015 00:00	23.41
03/18/2015 03:00	6.05
03/18/2015 06:00	0.00
03/18/2015 09:00	0.00

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)
03/18/2015 12:00	0.00
03/18/2015 15:00	0.00
03/18/2015 18:00	0.00
03/18/2015 21:00	0.00
03/19/2015 00:00	0.00
03/19/2015 03:00	0.00
03/19/2015 06:00	0.00
03/19/2015 09:00	0.00
03/19/2015 12:00	0.00
03/19/2015 15:00	0.00
03/19/2015 18:00	0.00
03/19/2015 21:00	0.00
03/20/2015 00:00	0.00
03/20/2015 03:00	0.00
03/20/2015 06:00	0.00
03/20/2015 09:00	0.00
03/20/2015 12:00	0.00
03/20/2015 15:00	0.00
03/20/2015 18:00	0.00
03/20/2015 21:00	0.00
03/21/2015 00:00	0.00
03/21/2015 03:00	0.00
03/21/2015 06:00	0.00
03/21/2015 09:00	0.00
03/21/2015 12:00	0.00
03/21/2015 15:00	0.00
03/21/2015 18:00	0.00
03/21/2015 21:00	0.00
03/22/2015 00:00	0.00
03/22/2015 03:00	0.00
03/22/2015 06:00	0.00
03/22/2015 09:00	19.86
03/22/2015 12:00	19.76
03/22/2015 15:00	20.76
03/22/2015 18:00	20.18
03/22/2015 21:00	20.83
03/23/2015 00:00	19.49
03/23/2015 03:00	18.53
03/23/2015 06:00	23.26
03/23/2015 09:00	24.19
03/23/2015 12:00	22.55
03/23/2015 15:00	21.21
03/23/2015 18:00	15.38
03/23/2015 21:00	15.97
03/24/2015 00:00	17.72
03/24/2015 03:00	19.87
03/24/2015 06:00	19.92
03/24/2015 09:00	22.19
03/24/2015 12:00	24.26
03/24/2015 15:00	23.22
03/24/2015 18:00	22.58

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)
03/24/2015 21:00	17.34
03/25/2015 00:00	14.35
03/25/2015 03:00	16.00
03/25/2015 06:00	16.87
03/25/2015 09:00	18.73
03/25/2015 12:00	15.12
03/25/2015 15:00	22.44
03/25/2015 18:00	20.28
03/25/2015 21:00	16.30
03/26/2015 00:00	17.08
03/26/2015 03:00	16.97
03/26/2015 06:00	19.51
03/26/2015 09:00	19.23
03/26/2015 12:00	17.64
03/26/2015 15:00	15.28
03/26/2015 18:00	16.94
03/26/2015 21:00	17.61
03/27/2015 00:00	17.69
03/27/2015 03:00	15.67
03/27/2015 06:00	19.39
03/27/2015 09:00	18.24
03/27/2015 12:00	17.20
03/27/2015 15:00	18.75
03/27/2015 18:00	22.93
03/27/2015 21:00	20.88
03/28/2015 00:00	21.40
03/28/2015 03:00	22.81
03/28/2015 06:00	18.27
03/28/2015 09:00	17.49
03/28/2015 12:00	16.01
03/28/2015 15:00	17.44
03/28/2015 18:00	18.86
03/28/2015 21:00	21.83
03/29/2015 00:00	22.08
03/29/2015 03:00	22.65
03/29/2015 06:00	21.19
03/29/2015 09:00	17.79
03/29/2015 12:00	20.03
03/29/2015 15:00	20.64
03/29/2015 18:00	22.23
03/29/2015 21:00	21.96
03/30/2015 00:00	21.76
03/30/2015 03:00	23.05
03/30/2015 06:00	22.31
03/30/2015 09:00	21.48
03/30/2015 12:00	22.03
03/30/2015 15:00	23.83
03/30/2015 18:00	20.11
03/30/2015 21:00	21.42
03/31/2015 00:00	20.90
03/31/2015 03:00	21.99

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)
03/31/2015 06:00	18.65
03/31/2015 09:00	19.40
03/31/2015 12:00	21.55
03/31/2015 15:00	22.63
03/31/2015 18:00	18.20
03/31/2015 21:00	23.34

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		15-Feb-15	08:03 AM	08:18 AM	15	Calibration Check
02-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		16-Feb-15	09:06 AM	09:28 AM	22	Calibration Check
03-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		17-Feb-15	06:39 AM	07:00 AM	21	Calibration Check
04-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		18-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
05-Jan-15	08:15 AM	08:30 AM	15	Calibration Check		19-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
06-Jan-15	07:34 AM	07:42 AM	8	Calibration Check		20-Feb-15	07:19 AM	07:40 AM	21	Calibration Check
07-Jan-15	06:56 AM	07:17 AM	21	Calibration Check		21-Feb-15	08:58 AM	09:20 AM	22	Calibration Check
08-Jan-15	07:05 AM	07:13 AM	8	Calibration Check		22-Feb-15	09:26 AM	09:47 AM	21	Calibration Check
09-Jan-15	05:49 AM	06:11 AM	22	Calibration Check		23-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-15	10:58 AM	11:19 AM	21	Calibration Check		24-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-15	07:00 AM	07:21 AM	21	Calibration Check		25-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		26-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		27-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		28-Feb-15	07:06 AM	07:27 AM	21	Calibration Check
15-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		01-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		02-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-15	08:00 AM	08:22 AM	22	Calibration Check		03-Mar-15	05:02 AM	05:23 AM	21	Calibration Check
18-Jan-15	09:17 AM	09:38 AM	21	Calibration Check		04-Mar-15	06:48 AM	07:10 AM	22	Calibration Check
19-Jan-15	06:28 AM	06:49 AM	21	Calibration Check		05-Mar-15	06:57 AM	07:19 AM	22	Calibration Check
20-Jan-15	06:21 AM	06:42 AM	21	Calibration Check		06-Mar-15	06:48 AM	07:09 AM	21	Calibration Check
21-Jan-15	06:36 AM	06:58 AM	22	Calibration Check		07-Mar-15	07:29 AM	07:50 AM	21	Calibration Check
22-Jan-15	06:49 AM	07:03 AM	14	Calibration Check		08-Mar-15	09:56 AM	10:18 AM	22	Calibration Check
23-Jan-15	06:23 AM	06:37 AM	14	Calibration Check		09-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-15	05:28 AM	05:49 AM	21	Calibration Check		10-Mar-15	06:49 AM	07:03 AM	14	Calibration Check
25-Jan-15	07:13 AM	07:27 AM	14	Calibration Check		11-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-15	07:29 AM	07:45 AM	16	Calibration Check		12-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		13-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		14-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		15-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		16-Mar-15	07:09 AM	07:30 AM	21	Calibration Check
31-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		17-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
01-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
02-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		19-Mar-15	06:38 AM	06:59 AM	21	Calibration Check
03-Feb-15	07:06 AM	07:28 AM	22	Calibration Check		19-Mar-15	07:10 AM	07:18 AM	8	Re-calibration
04-Feb-15	07:03 AM	07:24 AM	21	Calibration Check		20-Mar-15	06:48 AM	06:56 AM	8	Calibration Check
05-Feb-15	06:13 AM	06:34 AM	21	Calibration Check		21-Mar-15	05:07 AM	05:29 AM	22	Calibration Check
06-Feb-15	06:35 AM	06:57 AM	22	Calibration Check		22-Mar-15	06:39 PM	06:54 PM	15	Calibration Check
07-Feb-15	11:03 AM	11:24 AM	21	Calibration Check		23-Mar-15	03:20 PM	03:42 PM	22	Calibration Check
08-Feb-15	07:08 AM	07:29 AM	21	Calibration Check		24-Mar-15	06:05 AM	06:26 AM	21	Calibration Check
09-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		25-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
10-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		26-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
11-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		27-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		28-Mar-15	06:59 AM	07:08 AM	9	Calibration Check
13-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		29-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		30-Mar-15	06:52 AM	07:14 AM	22	Calibration Check
						31-Mar-15	05:29 AM	05:50 AM	21	Calibration Check
			Minutes						Minutes	
			892						919	
Total minutes for quality assurance:										
			Minutes							
			1811							

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						
3/19/2015	7:10 AM	7:18 AM	8	STACK RE-CALIBRATION	NONE	Off-line
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
1/25/2015	9:00 PM	9:08 PM	8	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration	On Hazardous Waste
1/26/2015	7:15 AM	7:29 AM	14	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste
3/15/2015	5:41 AM	5:51 AM	10	OTHER ANALYZER WORK DONE (THC #1)	None - Checked well	On Hazardous Waste
3/26/2015	5:32 AM	5:44 AM	12	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/19/2015	4:22 PM	4:25 PM	4	Outage Work	NONE	Offline
3/19/2015	6:05 PM	6:05 PM	1	Outage Work	NONE	Offline
TOTAL MINUTES IN QUARTER:					129,600	
TOTAL OPERATING TIME OF SOURCE:					121,882	
TOTAL DOWNTIME OF CEM SYSTEM:					65	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					52	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					121,830	
SYSTEM AVAILABILITY					100.0%	

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

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

	Date	LB/HR	Reason	Corrective Action	Combustion	Waste Feed
		0	Total Minutes in Exceedance			
		0	Number of Events			
			Total Emissions for the Quarter			
		2915	(LBS)			
		1.46	(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)
01/01/2015 00:00	2.32
01/01/2015 03:00	1.85
01/01/2015 06:00	1.40
01/01/2015 09:00	4.04
01/01/2015 12:00	2.23
01/01/2015 15:00	3.59
01/01/2015 18:00	1.25
01/01/2015 21:00	5.07
01/02/2015 00:00	1.82
01/02/2015 03:00	5.77
01/02/2015 06:00	2.77
01/02/2015 09:00	1.39
01/02/2015 12:00	4.06
01/02/2015 15:00	0.90
01/02/2015 18:00	0.70
01/02/2015 21:00	0.89
01/03/2015 00:00	1.76
01/03/2015 03:00	0.56
01/03/2015 06:00	3.85
01/03/2015 09:00	1.67
01/03/2015 12:00	0.67
01/03/2015 15:00	0.16
01/03/2015 18:00	0.31
01/03/2015 21:00	0.33
01/04/2015 00:00	1.39
01/04/2015 03:00	0.99
01/04/2015 06:00	0.15
01/04/2015 09:00	0.21
01/04/2015 12:00	0.14
01/04/2015 15:00	0.13
01/04/2015 18:00	0.14
01/04/2015 21:00	0.13
01/05/2015 00:00	0.11
01/05/2015 03:00	0.13
01/05/2015 06:00	0.13
01/05/2015 09:00	0.39
01/05/2015 12:00	1.13
01/05/2015 15:00	0.10
01/05/2015 18:00	0.12
01/05/2015 21:00	0.12
01/06/2015 00:00	0.15
01/06/2015 03:00	0.12
01/06/2015 06:00	0.11
01/06/2015 09:00	0.02
01/06/2015 12:00	0.60
01/06/2015 15:00	0.13
01/06/2015 18:00	0.19
01/06/2015 21:00	0.14
01/07/2015 00:00	0.13
01/07/2015 03:00	0.12
01/07/2015 06:00	0.13

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)
01/07/2015 09:00	0.25
01/07/2015 12:00	0.15
01/07/2015 15:00	0.14
01/07/2015 18:00	0.16
01/07/2015 21:00	0.17
01/08/2015 00:00	0.16
01/08/2015 03:00	0.16
01/08/2015 06:00	0.30
01/08/2015 09:00	0.22
01/08/2015 12:00	0.16
01/08/2015 15:00	0.18
01/08/2015 18:00	1.33
01/08/2015 21:00	0.17
01/09/2015 00:00	0.54
01/09/2015 03:00	1.80
01/09/2015 06:00	0.21
01/09/2015 09:00	0.29
01/09/2015 12:00	0.15
01/09/2015 15:00	0.16
01/09/2015 18:00	1.29
01/09/2015 21:00	4.96
01/10/2015 00:00	2.87
01/10/2015 03:00	3.07
01/10/2015 06:00	2.10
01/10/2015 09:00	4.34
01/10/2015 12:00	4.28
01/10/2015 15:00	0.18
01/10/2015 18:00	0.15
01/10/2015 21:00	0.17
01/11/2015 00:00	0.16
01/11/2015 03:00	0.15
01/11/2015 06:00	0.16
01/11/2015 09:00	0.35
01/11/2015 12:00	0.19
01/11/2015 15:00	2.10
01/11/2015 18:00	2.69
01/11/2015 21:00	5.90
01/12/2015 00:00	2.49
01/12/2015 03:00	1.71
01/12/2015 06:00	3.45
01/12/2015 09:00	2.15
01/12/2015 12:00	1.90
01/12/2015 15:00	2.68
01/12/2015 18:00	4.06
01/12/2015 21:00	2.84
01/13/2015 00:00	1.54
01/13/2015 03:00	0.87
01/13/2015 06:00	0.34
01/13/2015 09:00	0.22
01/13/2015 12:00	1.42
01/13/2015 15:00	0.17

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)
01/13/2015 18:00	1.95
01/13/2015 21:00	1.09
01/14/2015 00:00	1.15
01/14/2015 03:00	2.26
01/14/2015 06:00	3.54
01/14/2015 09:00	3.44
01/14/2015 12:00	2.84
01/14/2015 15:00	0.40
01/14/2015 18:00	0.26
01/14/2015 21:00	0.21
01/15/2015 00:00	0.19
01/15/2015 03:00	1.76
01/15/2015 06:00	3.70
01/15/2015 09:00	2.03
01/15/2015 12:00	0.93
01/15/2015 15:00	1.96
01/15/2015 18:00	1.03
01/15/2015 21:00	0.83
01/16/2015 00:00	2.63
01/16/2015 03:00	3.10
01/16/2015 06:00	1.04
01/16/2015 09:00	0.87
01/16/2015 12:00	0.24
01/16/2015 15:00	0.13
01/16/2015 18:00	0.16
01/16/2015 21:00	1.14
01/17/2015 00:00	1.14
01/17/2015 03:00	1.74
01/17/2015 06:00	2.00
01/17/2015 09:00	1.10
01/17/2015 12:00	0.95
01/17/2015 15:00	0.41
01/17/2015 18:00	2.46
01/17/2015 21:00	2.00
01/18/2015 00:00	0.94
01/18/2015 03:00	0.61
01/18/2015 06:00	0.75
01/18/2015 09:00	0.26
01/18/2015 12:00	1.10
01/18/2015 15:00	0.44
01/18/2015 18:00	0.96
01/18/2015 21:00	0.79
01/19/2015 00:00	0.24
01/19/2015 03:00	1.01
01/19/2015 06:00	2.43
01/19/2015 09:00	4.28
01/19/2015 12:00	2.88
01/19/2015 15:00	0.98
01/19/2015 18:00	4.12
01/19/2015 21:00	0.19
01/20/2015 00:00	0.53

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)
01/20/2015 03:00	0.88
01/20/2015 06:00	0.50
01/20/2015 09:00	0.46
01/20/2015 12:00	1.01
01/20/2015 15:00	1.25
01/20/2015 18:00	3.50
01/20/2015 21:00	4.00
01/21/2015 00:00	1.49
01/21/2015 03:00	2.97
01/21/2015 06:00	1.42
01/21/2015 09:00	0.89
01/21/2015 12:00	0.77
01/21/2015 15:00	0.20
01/21/2015 18:00	0.38
01/21/2015 21:00	1.00
01/22/2015 00:00	1.24
01/22/2015 03:00	0.75
01/22/2015 06:00	2.54
01/22/2015 09:00	2.61
01/22/2015 12:00	1.81
01/22/2015 15:00	3.70
01/22/2015 18:00	2.99
01/22/2015 21:00	3.73
01/23/2015 00:00	3.65
01/23/2015 03:00	1.53
01/23/2015 06:00	5.17
01/23/2015 09:00	1.11
01/23/2015 12:00	0.44
01/23/2015 15:00	0.28
01/23/2015 18:00	1.29
01/23/2015 21:00	1.87
01/24/2015 00:00	0.61
01/24/2015 03:00	3.43
01/24/2015 06:00	1.99
01/24/2015 09:00	1.00
01/24/2015 12:00	0.45
01/24/2015 15:00	0.72
01/24/2015 18:00	0.24
01/24/2015 21:00	1.57
01/25/2015 00:00	0.00
01/25/2015 03:00	0.00
01/25/2015 06:00	0.27
01/25/2015 09:00	0.29
01/25/2015 12:00	0.13
01/25/2015 15:00	0.12
01/25/2015 18:00	0.13
01/25/2015 21:00	0.13
01/26/2015 00:00	1.75
01/26/2015 03:00	0.34
01/26/2015 06:00	0.21
01/26/2015 09:00	1.96

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)
01/26/2015 12:00	0.17
01/26/2015 15:00	0.12
01/26/2015 18:00	0.17
01/26/2015 21:00	0.13
01/27/2015 00:00	0.11
01/27/2015 03:00	0.14
01/27/2015 06:00	0.56
01/27/2015 09:00	0.19
01/27/2015 12:00	0.11
01/27/2015 15:00	2.56
01/27/2015 18:00	0.83
01/27/2015 21:00	0.18
01/28/2015 00:00	0.10
01/28/2015 03:00	0.68
01/28/2015 06:00	0.37
01/28/2015 09:00	1.27
01/28/2015 12:00	0.51
01/28/2015 15:00	0.37
01/28/2015 18:00	0.11
01/28/2015 21:00	0.10
01/29/2015 00:00	1.40
01/29/2015 03:00	0.75
01/29/2015 06:00	1.74
01/29/2015 09:00	0.48
01/29/2015 12:00	0.24
01/29/2015 15:00	0.55
01/29/2015 18:00	0.71
01/29/2015 21:00	1.25
01/30/2015 00:00	0.28
01/30/2015 03:00	0.40
01/30/2015 06:00	0.29
01/30/2015 09:00	0.29
01/30/2015 12:00	0.54
01/30/2015 15:00	0.12
01/30/2015 18:00	0.10
01/30/2015 21:00	0.08
01/31/2015 00:00	0.06
01/31/2015 03:00	0.59
01/31/2015 06:00	0.18
01/31/2015 09:00	0.20
01/31/2015 12:00	1.58
01/31/2015 15:00	0.46
01/31/2015 18:00	0.76
01/31/2015 21:00	0.61
02/01/2015 00:00	0.50
02/01/2015 03:00	0.74
02/01/2015 06:00	1.18
02/01/2015 09:00	0.85
02/01/2015 12:00	0.81
02/01/2015 15:00	1.37
02/01/2015 18:00	1.18

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)
02/01/2015 21:00	1.63
02/02/2015 00:00	1.74
02/02/2015 03:00	0.19
02/02/2015 06:00	0.29
02/02/2015 09:00	2.61
02/02/2015 12:00	2.15
02/02/2015 15:00	0.44
02/02/2015 18:00	0.12
02/02/2015 21:00	0.64
02/03/2015 00:00	1.06
02/03/2015 03:00	0.65
02/03/2015 06:00	0.95
02/03/2015 09:00	0.92
02/03/2015 12:00	1.98
02/03/2015 15:00	3.97
02/03/2015 18:00	3.68
02/03/2015 21:00	1.17
02/04/2015 00:00	2.54
02/04/2015 03:00	1.73
02/04/2015 06:00	0.65
02/04/2015 09:00	0.26
02/04/2015 12:00	0.27
02/04/2015 15:00	0.47
02/04/2015 18:00	0.21
02/04/2015 21:00	0.28
02/05/2015 00:00	0.18
02/05/2015 03:00	0.12
02/05/2015 06:00	0.18
02/05/2015 09:00	0.26
02/05/2015 12:00	0.41
02/05/2015 15:00	3.01
02/05/2015 18:00	3.55
02/05/2015 21:00	4.52
02/06/2015 00:00	1.50
02/06/2015 03:00	4.18
02/06/2015 06:00	1.93
02/06/2015 09:00	1.58
02/06/2015 12:00	0.68
02/06/2015 15:00	1.42
02/06/2015 18:00	0.56
02/06/2015 21:00	3.79
02/07/2015 00:00	2.64
02/07/2015 03:00	5.86
02/07/2015 06:00	2.32
02/07/2015 09:00	1.88
02/07/2015 12:00	0.95
02/07/2015 15:00	0.32
02/07/2015 18:00	2.79
02/07/2015 21:00	2.62
02/08/2015 00:00	1.13
02/08/2015 03:00	4.69

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)
02/08/2015 06:00	2.00
02/08/2015 09:00	0.82
02/08/2015 12:00	5.41
02/08/2015 15:00	1.78
02/08/2015 18:00	3.67
02/08/2015 21:00	5.58
02/09/2015 00:00	5.72
02/09/2015 03:00	2.24
02/09/2015 06:00	3.20
02/09/2015 09:00	2.66
02/09/2015 12:00	3.53
02/09/2015 15:00	1.18
02/09/2015 18:00	1.91
02/09/2015 21:00	2.48
02/10/2015 00:00	0.83
02/10/2015 03:00	2.16
02/10/2015 06:00	1.32
02/10/2015 09:00	2.55
02/10/2015 12:00	2.84
02/10/2015 15:00	1.16
02/10/2015 18:00	0.71
02/10/2015 21:00	1.88
02/11/2015 00:00	1.78
02/11/2015 03:00	0.85
02/11/2015 06:00	2.27
02/11/2015 09:00	3.52
02/11/2015 12:00	4.64
02/11/2015 15:00	4.33
02/11/2015 18:00	5.85
02/11/2015 21:00	5.62
02/12/2015 00:00	6.67
02/12/2015 03:00	3.93
02/12/2015 06:00	2.78
02/12/2015 09:00	1.99
02/12/2015 12:00	3.17
02/12/2015 15:00	2.05
02/12/2015 18:00	0.68
02/12/2015 21:00	1.06
02/13/2015 00:00	1.27
02/13/2015 03:00	1.76
02/13/2015 06:00	3.50
02/13/2015 09:00	3.47
02/13/2015 12:00	3.48
02/13/2015 15:00	3.87
02/13/2015 18:00	4.15
02/13/2015 21:00	5.35
02/14/2015 00:00	3.80
02/14/2015 03:00	17.27
02/14/2015 06:00	0.00
02/14/2015 09:00	0.00
02/14/2015 12:00	0.00

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)
02/14/2015 15:00	0.00
02/14/2015 18:00	0.00
02/14/2015 21:00	0.00
02/15/2015 00:00	0.00
02/15/2015 03:00	0.00
02/15/2015 06:00	0.00
02/15/2015 09:00	0.00
02/15/2015 12:00	0.00
02/15/2015 15:00	0.00
02/15/2015 18:00	0.00
02/15/2015 21:00	0.13
02/16/2015 00:00	0.12
02/16/2015 03:00	0.04
02/16/2015 06:00	0.01
02/16/2015 09:00	0.13
02/16/2015 12:00	0.45
02/16/2015 15:00	0.62
02/16/2015 18:00	0.47
02/16/2015 21:00	1.04
02/17/2015 00:00	0.33
02/17/2015 03:00	4.02
02/17/2015 06:00	0.93
02/17/2015 09:00	1.61
02/17/2015 12:00	1.72
02/17/2015 15:00	1.77
02/17/2015 18:00	1.02
02/17/2015 21:00	0.99
02/18/2015 00:00	2.80
02/18/2015 03:00	2.35
02/18/2015 06:00	2.01
02/18/2015 09:00	2.70
02/18/2015 12:00	1.33
02/18/2015 15:00	2.42
02/18/2015 18:00	4.28
02/18/2015 21:00	1.89
02/19/2015 00:00	1.87
02/19/2015 03:00	3.59
02/19/2015 06:00	4.19
02/19/2015 09:00	6.81
02/19/2015 12:00	2.16
02/19/2015 15:00	1.53
02/19/2015 18:00	1.12
02/19/2015 21:00	2.18
02/20/2015 00:00	1.20
02/20/2015 03:00	2.78
02/20/2015 06:00	0.65
02/20/2015 09:00	0.87
02/20/2015 12:00	2.49
02/20/2015 15:00	2.66
02/20/2015 18:00	1.97
02/20/2015 21:00	2.08

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)
02/21/2015 00:00	2.95
02/21/2015 03:00	1.35
02/21/2015 06:00	4.97
02/21/2015 09:00	1.62
02/21/2015 12:00	1.10
02/21/2015 15:00	5.73
02/21/2015 18:00	1.92
02/21/2015 21:00	1.60
02/22/2015 00:00	2.11
02/22/2015 03:00	1.10
02/22/2015 06:00	2.47
02/22/2015 09:00	7.59
02/22/2015 12:00	2.49
02/22/2015 15:00	2.17
02/22/2015 18:00	2.44
02/22/2015 21:00	3.97
02/23/2015 00:00	3.69
02/23/2015 03:00	3.99
02/23/2015 06:00	2.93
02/23/2015 09:00	3.28
02/23/2015 12:00	2.85
02/23/2015 15:00	3.72
02/23/2015 18:00	5.21
02/23/2015 21:00	5.90
02/24/2015 00:00	2.99
02/24/2015 03:00	3.17
02/24/2015 06:00	3.65
02/24/2015 09:00	2.38
02/24/2015 12:00	1.03
02/24/2015 15:00	2.46
02/24/2015 18:00	2.44
02/24/2015 21:00	2.25
02/25/2015 00:00	3.95
02/25/2015 03:00	2.33
02/25/2015 06:00	1.72
02/25/2015 09:00	3.83
02/25/2015 12:00	0.62
02/25/2015 15:00	0.06
02/25/2015 18:00	0.85
02/25/2015 21:00	6.87
02/26/2015 00:00	2.27
02/26/2015 03:00	0.70
02/26/2015 06:00	0.03
02/26/2015 09:00	5.13
02/26/2015 12:00	2.94
02/26/2015 15:00	3.09
02/26/2015 18:00	2.52
02/26/2015 21:00	1.11
02/27/2015 00:00	0.00
02/27/2015 03:00	0.01
02/27/2015 06:00	0.76

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)
02/27/2015 09:00	2.25
02/27/2015 12:00	1.21
02/27/2015 15:00	3.95
02/27/2015 18:00	4.74
02/27/2015 21:00	1.15
02/28/2015 00:00	5.15
02/28/2015 03:00	2.50
02/28/2015 06:00	2.59
02/28/2015 09:00	3.21
02/28/2015 12:00	2.50
02/28/2015 15:00	1.57
02/28/2015 18:00	1.18
02/28/2015 21:00	0.81
03/01/2015 00:00	0.25
03/01/2015 03:00	0.66
03/01/2015 06:00	0.66
03/01/2015 09:00	1.20
03/01/2015 12:00	4.09
03/01/2015 15:00	2.81
03/01/2015 18:00	0.55
03/01/2015 21:00	0.63
03/02/2015 00:00	0.68
03/02/2015 03:00	0.48
03/02/2015 06:00	0.13
03/02/2015 09:00	0.40
03/02/2015 12:00	0.93
03/02/2015 15:00	0.22
03/02/2015 18:00	0.39
03/02/2015 21:00	0.15
03/03/2015 00:00	0.41
03/03/2015 03:00	2.12
03/03/2015 06:00	2.96
03/03/2015 09:00	2.91
03/03/2015 12:00	1.14
03/03/2015 15:00	3.19
03/03/2015 18:00	0.36
03/03/2015 21:00	0.06
03/04/2015 00:00	0.03
03/04/2015 03:00	0.01
03/04/2015 06:00	0.02
03/04/2015 09:00	0.31
03/04/2015 12:00	0.25
03/04/2015 15:00	0.20
03/04/2015 18:00	0.43
03/04/2015 21:00	0.95
03/05/2015 00:00	1.65
03/05/2015 03:00	2.00
03/05/2015 06:00	2.13
03/05/2015 09:00	1.89
03/05/2015 12:00	0.95
03/05/2015 15:00	0.76

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)
03/05/2015 18:00	1.31
03/05/2015 21:00	3.74
03/06/2015 00:00	0.03
03/06/2015 03:00	0.00
03/06/2015 06:00	0.07
03/06/2015 09:00	0.64
03/06/2015 12:00	0.72
03/06/2015 15:00	0.46
03/06/2015 18:00	2.24
03/06/2015 21:00	3.05
03/07/2015 00:00	1.53
03/07/2015 03:00	0.06
03/07/2015 06:00	0.02
03/07/2015 09:00	0.06
03/07/2015 12:00	0.00
03/07/2015 15:00	2.11
03/07/2015 18:00	1.16
03/07/2015 21:00	1.31
03/08/2015 00:00	0.91
03/08/2015 03:00	0.06
03/08/2015 06:00	0.15
03/08/2015 09:00	0.02
03/08/2015 12:00	0.16
03/08/2015 15:00	0.18
03/08/2015 18:00	0.24
03/08/2015 21:00	0.00
03/09/2015 00:00	1.43
03/09/2015 03:00	3.42
03/09/2015 06:00	1.82
03/09/2015 09:00	0.60
03/09/2015 12:00	0.28
03/09/2015 15:00	0.00
03/09/2015 18:00	2.00
03/09/2015 21:00	1.96
03/10/2015 00:00	0.28
03/10/2015 03:00	1.80
03/10/2015 06:00	2.00
03/10/2015 09:00	0.09
03/10/2015 12:00	0.00
03/10/2015 15:00	0.00
03/10/2015 18:00	0.00
03/10/2015 21:00	1.48
03/11/2015 00:00	0.00
03/11/2015 03:00	0.09
03/11/2015 06:00	1.95
03/11/2015 09:00	2.45
03/11/2015 12:00	1.12
03/11/2015 15:00	1.94
03/11/2015 18:00	0.42
03/11/2015 21:00	1.34
03/12/2015 00:00	2.46

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)
03/12/2015 03:00	3.97
03/12/2015 06:00	0.45
03/12/2015 09:00	0.12
03/12/2015 12:00	0.17
03/12/2015 15:00	1.17
03/12/2015 18:00	0.23
03/12/2015 21:00	0.00
03/13/2015 00:00	0.00
03/13/2015 03:00	0.00
03/13/2015 06:00	0.00
03/13/2015 09:00	1.84
03/13/2015 12:00	0.38
03/13/2015 15:00	0.00
03/13/2015 18:00	1.63
03/13/2015 21:00	0.14
03/14/2015 00:00	1.27
03/14/2015 03:00	0.00
03/14/2015 06:00	0.55
03/14/2015 09:00	1.89
03/14/2015 12:00	1.52
03/14/2015 15:00	1.68
03/14/2015 18:00	0.02
03/14/2015 21:00	1.22
03/15/2015 00:00	0.00
03/15/2015 03:00	2.95
03/15/2015 06:00	1.99
03/15/2015 09:00	3.34
03/15/2015 12:00	3.48
03/15/2015 15:00	0.67
03/15/2015 18:00	1.68
03/15/2015 21:00	1.42
03/16/2015 00:00	4.25
03/16/2015 03:00	1.35
03/16/2015 06:00	0.88
03/16/2015 09:00	0.14
03/16/2015 12:00	0.00
03/16/2015 15:00	0.00
03/16/2015 18:00	0.07
03/16/2015 21:00	0.45
03/17/2015 00:00	1.14
03/17/2015 03:00	0.17
03/17/2015 06:00	1.26
03/17/2015 09:00	0.07
03/17/2015 12:00	3.61
03/17/2015 15:00	0.00
03/17/2015 18:00	0.81
03/17/2015 21:00	2.69
03/18/2015 00:00	2.49
03/18/2015 03:00	0.05
03/18/2015 06:00	0.00
03/18/2015 09:00	0.00

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)
03/18/2015 12:00	0.00
03/18/2015 15:00	0.00
03/18/2015 18:00	0.00
03/18/2015 21:00	0.00
03/19/2015 00:00	0.00
03/19/2015 03:00	0.00
03/19/2015 06:00	0.00
03/19/2015 09:00	0.02
03/19/2015 12:00	0.00
03/19/2015 15:00	0.00
03/19/2015 18:00	0.00
03/19/2015 21:00	0.00
03/20/2015 00:00	0.00
03/20/2015 03:00	0.00
03/20/2015 06:00	0.00
03/20/2015 09:00	0.00
03/20/2015 12:00	0.00
03/20/2015 15:00	0.00
03/20/2015 18:00	0.00
03/20/2015 21:00	0.00
03/21/2015 00:00	0.00
03/21/2015 03:00	0.00
03/21/2015 06:00	0.00
03/21/2015 09:00	0.00
03/21/2015 12:00	0.00
03/21/2015 15:00	0.00
03/21/2015 18:00	0.00
03/21/2015 21:00	0.00
03/22/2015 00:00	0.00
03/22/2015 03:00	0.00
03/22/2015 06:00	0.00
03/22/2015 09:00	0.15
03/22/2015 12:00	0.25
03/22/2015 15:00	0.17
03/22/2015 18:00	0.18
03/22/2015 21:00	0.11
03/23/2015 00:00	0.10
03/23/2015 03:00	0.09
03/23/2015 06:00	0.15
03/23/2015 09:00	0.14
03/23/2015 12:00	0.12
03/23/2015 15:00	0.14
03/23/2015 18:00	0.15
03/23/2015 21:00	0.08
03/24/2015 00:00	0.09
03/24/2015 03:00	0.11
03/24/2015 06:00	0.10
03/24/2015 09:00	1.52
03/24/2015 12:00	2.30
03/24/2015 15:00	4.97
03/24/2015 18:00	5.71

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)
03/24/2015 21:00	2.73
03/25/2015 00:00	0.08
03/25/2015 03:00	0.07
03/25/2015 06.00	0.08
03/25/2015 09:00	0.16
03/25/2015 12:00	0.07
03/25/2015 15:00	0.12
03/25/2015 18:00	0.10
03/25/2015 21:00	0.07
03/26/2015 00:00	0.07
03/26/2015 03:00	0.07
03/26/2015 06:00	0.29
03/26/2015 09:00	0.55
03/26/2015 12:00	0.10
03/26/2015 15:00	0.08
03/26/2015 18:00	0.09
03/26/2015 21:00	0.09
03/27/2015 00:00	0.09
03/27/2015 03:00	0.07
03/27/2015 06:00	0.11
03/27/2015 09:00	0.17
03/27/2015 12:00	0.10
03/27/2015 15:00	0.11
03/27/2015 18:00	0.15
03/27/2015 21:00	0.12
03/28/2015 00:00	0.13
03/28/2015 03:00	0.14
03/28/2015 06:00	0.09
03/28/2015 09:00	0.20
03/28/2015 12:00	0.08
03/28/2015 15:00	0.24
03/28/2015 18:00	0.14
03/28/2015 21:00	0.40
03/29/2015 00:00	1.39
03/29/2015 03:00	0.25
03/29/2015 06:00	0.13
03/29/2015 09:00	0.18
03/29/2015 12:00	0.12
03/29/2015 15:00	0.13
03/29/2015 18:00	0.14
03/29/2015 21:00	0.21
03/30/2015 00:00	0.15
03/30/2015 03:00	0.16
03/30/2015 06:00	0.16
03/30/2015 09:00	0.23
03/30/2015 12:00	0.73
03/30/2015 15:00	0.20
03/30/2015 18:00	0.27
03/30/2015 21:00	0.15
03/31/2015 00:00	0.13
03/31/2015 03:00	0.47

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)
03/31/2015 06:00	1.39
03/31/2015 09:00	0.68
03/31/2015 12:00	1.11
03/31/2015 15:00	1.84
03/31/2015 18:00	0.78
03/31/2015 21:00	4.37

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		15-Feb-15	08:03 AM	08:18 AM	15	Calibration Check
02-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		16-Feb-15	09:06 AM	09:28 AM	22	Calibration Check
03-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		17-Feb-15	06:39 AM	07:00 AM	21	Calibration Check
04-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		18-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
05-Jan-15	08:15 AM	08:30 AM	15	Calibration Check		19-Feb-15	06:41 AM	07:02 AM	21	Calibration Check
06-Jan-15	07:34 AM	07:42 AM	8	Calibration Check		20-Feb-15	07:19 AM	07:40 AM	21	Calibration Check
07-Jan-15	06:56 AM	07:17 AM	21	Calibration Check		21-Feb-15	08:58 AM	09:20 AM	22	Calibration Check
08-Jan-15	07:05 AM	07:13 AM	8	Calibration Check		22-Feb-15	09:26 AM	09:47 AM	21	Calibration Check
09-Jan-15	05:49 AM	06:11 AM	22	Calibration Check		23-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-15	10:58 AM	11:19 AM	21	Calibration Check		24-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-15	07:00 AM	07:21 AM	21	Calibration Check		25-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		26-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		27-Feb-15	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		28-Feb-15	07:06 AM	07:27 AM	21	Calibration Check
15-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		01-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
16-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		02-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-15	08:00 AM	08:22 AM	22	Calibration Check		03-Mar-15	05:02 AM	05:23 AM	21	Calibration Check
18-Jan-15	09:17 AM	09:38 AM	21	Calibration Check		04-Mar-15	06:48 AM	07:10 AM	22	Calibration Check
19-Jan-15	06:28 AM	06:49 AM	21	Calibration Check		05-Mar-15	06:57 AM	07:19 AM	22	Calibration Check
20-Jan-15	06:21 AM	06:42 AM	21	Calibration Check		06-Mar-15	06:48 AM	07:09 AM	21	Calibration Check
21-Jan-15	06:36 AM	06:58 AM	22	Calibration Check		07-Mar-15	07:29 AM	07:50 AM	21	Calibration Check
22-Jan-15	06:49 AM	07:03 AM	14	Calibration Check		08-Mar-15	09:56 AM	10:18 AM	22	Calibration Check
23-Jan-15	06:23 AM	06:37 AM	14	Calibration Check		09-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-15	05:28 AM	05:49 AM	21	Calibration Check		10-Mar-15	06:49 AM	07:03 AM	14	Calibration Check
25-Jan-15	07:13 AM	07:27 AM	14	Calibration Check		11-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-15	07:29 AM	07:45 AM	16	Calibration Check		12-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
27-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		13-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
28-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		14-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		15-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		16-Mar-15	07:09 AM	07:30 AM	21	Calibration Check
31-Jan-15	06:20 AM	06:41 AM	21	Calibration Check		17-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
01-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-15	06:46 AM	07:08 AM	22	Calibration Check
02-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		19-Mar-15	06:38 AM	06:59 AM	21	Calibration Check
03-Feb-15	07:06 AM	07:28 AM	22	Calibration Check		19-Mar-15	07:10 AM	07:18 AM	8	Re-calibration
04-Feb-15	07:03 AM	07:24 AM	21	Calibration Check		20-Mar-15	06:48 AM	06:56 AM	8	Calibration Check
05-Feb-15	06:13 AM	06:34 AM	21	Calibration Check		21-Mar-15	05:07 AM	05:29 AM	22	Calibration Check
06-Feb-15	06:35 AM	06:57 AM	22	Calibration Check		22-Mar-15	06:39 PM	06:54 PM	15	Calibration Check
07-Feb-15	11:03 AM	11:24 AM	21	Calibration Check		23-Mar-15	03:20 PM	03:42 PM	22	Calibration Check
08-Feb-15	07:08 AM	07:29 AM	21	Calibration Check		24-Mar-15	06:05 AM	06:26 AM	21	Calibration Check
09-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		25-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
10-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		26-Mar-15	05:45 AM	06:06 AM	21	Calibration Check
11-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		27-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		28-Mar-15	06:59 AM	07:08 AM	9	Calibration Check
13-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		29-Mar-15	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-15	06:20 AM	06:41 AM	21	Calibration Check		30-Mar-15	06:52 AM	07:14 AM	22	Calibration Check
						31-Mar-15	05:29 AM	05:50 AM	21	Calibration Check
			Minutes						Minutes	
			892						919	
Total minutes for quality assurance:										
			Minutes							
			1811							

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						
1/26/2015	7:15 AM	7:29 AM	14	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste
3/26/2015	5:32 AM	5:44 AM	12	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
3/19/2015	7:10 AM	7:18 AM	8	STACK RE-CALIBRATION	NONE	Off-line
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
1/25/2015	9:00 PM	9:08 PM	8	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration	On Hazardous Waste
3/15/2015	5:41 AM	5:51 AM	10	OTHER ANALYZER WORK DONE (THC #1)	None - Checked well	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/19/2015	4:22 PM	4:25 PM	4	Outage Work	NONE	Offline
3/19/2015	6:05 PM	6:05 PM	1	Outage Work	NONE	Offline
TOTAL MINUTES IN QUARTER:					**129,600**	
TOTAL OPERATING TIME OF SOURCE:					**121,882**	
TOTAL DOWNTIME OF CEM SYSTEM:					**57**	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**44**	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**121,838**	
SYSTEM AVAILABILITY					**100.0%**	

SOX MONITOR
PREVENTIVE
MAINTENANCE

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

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

Emissions Limits:
95.26 Tons/Year

CO EXCESS
EMISSIONS REPORT

Thermo Scientificl
Model: 48i
Serial Numbers:
CM10360078

	Date	Time	Lb/MMBtu	Incinerator Operation	Reason	Corrective Action
	Total CO emissions for the quarter:					
			lbs	tons		
			8333	4.17		

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		15-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
02-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		16-Feb-15	09:33 AM	09:44 AM	11	Calibration Check
03-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		17-Feb-15	07:04 AM	07:16 AM	12	Calibration Check
04-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		18-Feb-15	07:07 AM	07:18 AM	11	Calibration Check
05-Jan-15	07:58 AM	08:09 AM	11	Calibration Check		19-Feb-15	07:07 AM	07:19 AM	12	Calibration Check
06-Jan-15	07:28 AM	07:32 AM	4	Calibration Check		20-Feb-15	07:00 AM	07:11 AM	11	Calibration Check
07-Jan-15	07:40 AM	07:48 AM	8	Calibration Check		21-Feb-15	08:43 AM	08:54 AM	11	Calibration Check
08-Jan-15	07:35 AM	07:43 AM	8	Calibration Check		22-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
09-Jan-15	06:16 AM	06:25 AM	9	Calibration Check		23-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
10-Jan-15	11:24 AM	11:33 AM	9	Calibration Check		24-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
11-Jan-15	07:27 AM	07:35 AM	8	Calibration Check		25-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
12-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		26-Feb-15	06:55 AM	07:06 AM	11	Calibration Check
13-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		27-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
14-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		28-Feb-15	06:50 AM	07:01 AM	11	Calibration Check
15-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		01-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
16-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		02-Mar-15	06:46 AM	06:57 AM	11	Calibration Check
17-Jan-15	08:36 AM	08:48 AM	12	Calibration Check		03-Mar-15	05:29 AM	05:40 AM	11	Calibration Check
18-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		04-Mar-15	07:41 AM	07:46 AM	5	Calibration Check
19-Jan-15	06:54 AM	07:05 AM	11	Calibration Check		05-Mar-15	07:23 AM	07:34 AM	11	Calibration Check
20-Jan-15	06:47 AM	06:58 AM	11	Calibration Check		06-Mar-15	07:14 AM	07:25 AM	11	Calibration Check
21-Jan-15	07:03 AM	07:14 AM	11	Calibration Check		07-Mar-15	07:56 AM	08:07 AM	11	Calibration Check
22-Jan-15	07:07 AM	07:19 AM	12	Calibration Check		08-Mar-15	10:23 AM	10:34 AM	11	Calibration Check
23-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		09-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
24-Jan-15	05:59 AM	06:11 AM	12	Calibration Check		10-Mar-15	07:09 AM	07:20 AM	11	Calibration Check
25-Jan-15	07:34 AM	07:45 AM	11	Calibration Check		11-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
26-Jan-15	06:52 AM	07:03 AM	11	Calibration Check		12-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
27-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		13-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
28-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		14-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
29-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		15-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
30-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		16-Mar-15	07:39 AM	07:50 AM	11	Calibration Check
31-Jan-15	06:50 AM	07:01 AM	11	Calibration Check		17-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
01-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		18-Mar-15	07:12 AM	07:23 AM	11	Calibration Check
02-Feb-15	07:21 AM	07:29 AM	8	Calibration Check		19-Mar-15	07:25 AM	07:36 AM	11	Calibration Check
03-Feb-15	07:33 AM	07:44 AM	11	Calibration Check		20-Mar-15	07:08 AM	07:19 AM	11	Calibration Check
04-Feb-15	07:32 AM	07:43 AM	11	Calibration Check		21-Mar-15	05:41 AM	05:46 AM	5	Calibration Check
05-Feb-15	06:42 AM	06:53 AM	11	Calibration Check		22-Mar-15	12:08 PM	12:19 PM	11	Calibration Check
06-Feb-15	07:03 AM	07:14 AM	11	Calibration Check		23-Mar-15	07:40 AM	07:51 AM	11	Calibration Check
07-Feb-15	11:29 AM	11:40 AM	11	Calibration Check		24-Mar-15	06:31 AM	06:42 AM	11	Calibration Check
08-Feb-15	07:37 AM	07:48 AM	11	Calibration Check		25-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
09-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		26-Mar-15	06:15 AM	06:26 AM	11	Calibration Check
10-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		27-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
11-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		28-Mar-15	07:13 AM	07:24 AM	11	Calibration Check
12-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		29-Mar-15	06:50 AM	07:01 AM	11	Calibration Check
13-Feb-15	06:50 AM	07:01 AM	11	Calibration Check		30-Mar-15	07:24 AM	07:35 AM	11	Calibration Check
14-Feb-15	06:47 AM	06:58 AM	11	Calibration Check		31-Mar-15	05:57 AM	06:08 AM	11	Calibration Check
			Minutes						Minutes	
			475						485	
Total minutes for quality assurance:										
			Minutes							
			960							

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)						
3/19/2015	4:22 PM	4:25 PM	4	Outage Work	NONE	Offline
3/19/2015	6:05 PM	6:06 PM	2	Outage Work	NONE	Offline
TOTAL MINUTES IN QUARTER:					129,600	
TOTAL OPERATING TIME OF SOURCE:					121,882	
TOTAL DOWNTIME OF CEM SYSTEM:					5	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					0	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					121,882	
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.		

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
01/27/2015 13:30	45.1	12	Quarterly Stack Audit	None
02/07/2015 18:36	23.0	6	Feed - Lance	Reduced Feed Rates
		18	Total Minutes	

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Exceedance Summary

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	01/27/2015 13:30	31.15	Quarterly Stack Audit	None	Waste	Yes	No
2	01/27/2015 13:36	45.05	Quarterly Stack Audit	None	Waste	Yes	No
3	02/07/2015 18:36	23.01	Feed - Lance	Reduced Feed Rates	Waste	Yes	No
		3	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-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		15-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
02-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		16-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
03-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		17-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
04-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		18-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
05-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		19-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
06-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		20-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
07-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		21-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
08-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		22-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
09-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		23-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
10-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		24-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
11-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		25-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
12-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		26-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
13-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		27-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
14-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		28-Feb-15	06:16 AM	06:23 AM	7	Calibration Check
15-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		01-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
16-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		02-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
17-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		03-Mar-15	05:55 AM	06:02 AM	7	Calibration Check
18-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		04-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
19-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		05-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
20-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		06-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
21-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		07-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
22-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		08-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
23-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		09-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
24-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		10-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
25-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		11-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
26-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		12-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
27-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		13-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
28-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		14-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
29-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		15-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
30-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		16-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
31-Jan-15	06:16 AM	06:23 AM	7	Calibration Check		17-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
01-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		18-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
02-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		19-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
03-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		20-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
04-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		21-Mar-15	05:06 AM	05:14 AM	8	Calibration Check
05-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		22-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
06-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		23-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
07-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		24-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
08-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		24-Mar-15	07:14 AM	07:22 AM	8	Re-calibration
09-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		25-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
10-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		26-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
11-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		27-Mar-15	07:08 AM	07:15 AM	7	Calibration Check
12-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		28-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
13-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		29-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
14-Feb-15	06:16 AM	06:23 AM	7	Calibration Check		30-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
						31-Mar-15	06:16 AM	06:23 AM	7	Calibration Check
			Minutes						Minutes	
			315						324	
Total minutes for quality assurance:										
			Minutes							
			639							

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						
3/24/2015	7:14 AM	7:22 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste
MONITOR EQUIPMENT MALFUNCTION						
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/19/2015	4:22 PM	4:25 PM	4	Outage Work	NONE	Offline
3/19/2015	6:05 PM	6:05 PM	1	Outage Work	NONE	Offline
TOTAL MINUTES IN QUARTER:					**129,600**	
TOTAL OPERATING TIME OF SOURCE:					**121,882**	
TOTAL DOWNTIME OF CEM SYSTEM:					**13**	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**8**	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**121,874**	
SYSTEM AVAILABILITY					**100.0%**	

OPACITY MONITOR
PREVENTIVE MAINTENANCE

Date	Duration	Activity
27-Jan-15	120	Audit
Total Minutes:	**120**	
(e.g., blowback, manual adjustment to monitor)		