HERITAGE
THERMAL SERVICES

HERITAGE THERMAL SERVICES
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OHSAS 18001: 2007
ISO 14001: 2004
ISO 9001: 2008

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

July 30, 2015
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
2ND 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 **April 1 through June 30, 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

Recycled Paper

Key Words: Air / Quarterly Report /2nd Quarter 2015 EER

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Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
04/01/2015 00:00	04/02/2015 03:12	1633	On Hazardous Waste
04/02/2015 03:13	04/02/2015 04:11	59	Retention
04/02/2015 04:12	04/05/2015 07:41	4530	On Hazardous Waste
04/05/2015 07:42	04/05/2015 08:40	59	Retention
04/05/2015 08:41	04/07/2015 19:07	3507	On Hazardous Waste
04/07/2015 19:08	04/07/2015 20:08	61	Retention
04/07/2015 20:09	04/08/2015 15:25	1157	On Hazardous Waste
04/08/2015 15:26	04/08/2015 16:12	47	Retention
04/08/2015 16:13	04/12/2015 10:20	5408	On Hazardous Waste
04/12/2015 10:21	04/12/2015 10:24	4	Retention
04/12/2015 10:25	04/14/2015 04:44	2540	On Hazardous Waste
04/14/2015 04:45	04/14/2015 06:04	80	Retention
04/14/2015 06:05	04/16/2015 06:44	2920	On Hazardous Waste
04/16/2015 06:45	04/16/2015 07:50	66	Retention
04/16/2015 07:51	04/17/2015 10:18	1588	On Hazardous Waste
04/17/2015 10:19	04/17/2015 10:19	1	Retention
04/17/2015 10:20	04/17/2015 19:59	580	On Hazardous Waste
04/17/2015 20:00	04/17/2015 20:42	43	Retention
04/17/2015 20:43	04/18/2015 12:40	958	On Hazardous Waste
04/18/2015 12:41	04/18/2015 12:43	3	Retention
04/18/2015 12:44	04/20/2015 17:10	3147	On Hazardous Waste
04/20/2015 17:11	04/20/2015 17:43	33	Retention
04/20/2015 17:44	04/20/2015 18:55	72	On Hazardous Waste
04/20/2015 18:56	04/20/2015 19:56	61	Retention
04/20/2015 19:57	04/22/2015 16:50	2694	On Hazardous Waste
04/22/2015 16:51	04/22/2015 19:48	178	Retention
04/22/2015 19:49	04/22/2015 22:00	132	On Virgin Fuels
04/22/2015 22:01	04/23/2015 00:26	146	Offline
04/23/2015 00:27	04/23/2015 00:27	1	On Virgin Fuels
04/23/2015 00:28	04/23/2015 00:50	23	Offline
04/23/2015 00:51	04/23/2015 08:32	462	On Virgin Fuels
04/23/2015 08:33	04/23/2015 16:08	456	Offline
04/23/2015 16:09	04/24/2015 00:17	489	On Virgin Fuels
04/24/2015 00:18	04/24/2015 00:25	8	On Hazardous Waste
04/24/2015 00:26	04/24/2015 00:34	9	Retention
04/24/2015 00:35	04/24/2015 08:08	454	On Hazardous Waste
04/24/2015 08:09	04/24/2015 08:24	16	Retention
04/24/2015 08:25	04/24/2015 11:54	210	On Hazardous Waste
04/24/2015 11:55	04/24/2015 12:14	20	Retention
04/24/2015 12:15	04/24/2015 12:34	20	On Hazardous Waste
04/24/2015 12:35	04/24/2015 13:39	65	Retention
04/24/2015 13:40	04/24/2015 18:48	309	On Hazardous Waste
04/24/2015 18:49	04/24/2015 18:55	7	Retention
04/24/2015 18:56	04/24/2015 20:36	101	On Hazardous Waste
04/24/2015 20:37	04/24/2015 23:34	178	Retention
04/24/2015 23:35	04/26/2015 00:23	1489	Offline
04/26/2015 00:24	04/26/2015 09:48	565	On Virgin Fuels
04/26/2015 09:49	04/26/2015 09:57	9	Offline
04/26/2015 09:58	04/26/2015 09:58	1	On Virgin Fuels
04/26/2015 09:59	04/26/2015 10:12	14	Offline
04/26/2015 10:13	04/26/2015 13:40	208	On Virgin Fuels
04/26/2015 13:41	04/26/2015 15:25	105	On Hazardous Waste
04/26/2015 15:26	04/26/2015 16:30	65	Retention
04/26/2015 16:31	04/26/2015 17:36	66	On Hazardous Waste
04/26/2015 17:37	04/26/2015 17:44	8	Retention
04/26/2015 17:45	04/26/2015 20:19	155	On Hazardous Waste
04/26/2015 20:20	04/26/2015 23:07	168	Retention
04/26/2015 23:08	04/27/2015 04:46	339	On Hazardous Waste
04/27/2015 04:47	04/27/2015 06:14	88	Retention
04/27/2015 06:15	04/27/2015 06:58	44	On Hazardous Waste
04/27/2015 06:59	04/27/2015 09:15	137	Retention
04/27/2015 09:16	04/27/2015 09:16	1	On Virgin Fuels

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
04/27/2015 09:17	04/29/2015 12:16	3060	Offline
04/29/2015 12:17	04/29/2015 21:38	562	On Virgin Fuels
04/29/2015 21:39	05/02/2015 19:54	4216	On Hazardous Waste
05/02/2015 19:55	05/02/2015 20:54	60	Retention
05/02/2015 20:55	05/06/2015 14:18	5364	On Hazardous Waste
05/06/2015 14:19	05/06/2015 15:20	62	Retention
05/06/2015 15:21	05/09/2015 10:34	4034	On Hazardous Waste
05/09/2015 10:35	05/09/2015 10:36	2	Retention
05/09/2015 10:37	05/13/2015 03:11	5315	On Hazardous Waste
05/13/2015 03:12	05/13/2015 04:12	61	Retention
05/13/2015 04:13	05/13/2015 14:56	644	On Hazardous Waste
05/13/2015 14:57	05/13/2015 15:54	58	Retention
05/13/2015 15:55	05/16/2015 17:17	4403	On Hazardous Waste
05/16/2015 17:18	05/16/2015 18:18	61	Retention
05/16/2015 18:19	05/21/2015 02:05	6227	On Hazardous Waste
05/21/2015 02:06	05/21/2015 02:06	1	Retention
05/21/2015 02:07	05/25/2015 14:07	6481	On Hazardous Waste
05/25/2015 14:08	05/25/2015 15:12	65	Retention
05/25/2015 15:13	05/27/2015 16:06	2934	On Hazardous Waste
05/27/2015 16:07	05/27/2015 17:13	67	Retention
05/27/2015 17:14	05/28/2015 19:42	1589	On Hazardous Waste
05/28/2015 19:43	05/28/2015 20:45	63	Retention
05/28/2015 20:46	05/29/2015 02:48	363	On Hazardous Waste
05/29/2015 02:49	05/29/2015 03:00	12	On Virgin Fuels
05/29/2015 03:01	05/29/2015 11:43	523	Offline
05/29/2015 11:44	05/29/2015 11:50	7	On Virgin Fuels
05/29/2015 11:51	05/29/2015 12:03	13	Offline
05/29/2015 12:04	05/29/2015 20:29	506	On Virgin Fuels
05/29/2015 20:30	05/29/2015 20:35	6	On Hazardous Waste
05/29/2015 20:36	05/29/2015 20:37	2	On Virgin Fuels
05/29/2015 20:38	05/29/2015 20:38	1	On Hazardous Waste
05/29/2015 20:39	05/29/2015 20:39	1	On Virgin Fuels
05/29/2015 20:40	06/02/2015 22:12	5853	On Hazardous Waste
06/02/2015 22:13	06/02/2015 23:31	79	Retention
06/02/2015 23:32	06/03/2015 00:39	68	On Hazardous Waste
06/03/2015 00:40	06/03/2015 01:35	56	Retention
06/03/2015 01:36	06/05/2015 15:11	3696	On Hazardous Waste
06/05/2015 15:12	06/05/2015 16:59	108	Retention
06/05/2015 17:00	06/09/2015 11:04	5405	On Hazardous Waste
06/09/2015 11:05	06/09/2015 11:36	32	Retention
06/09/2015 11:37	06/13/2015 09:32	5636	On Hazardous Waste
06/13/2015 09:33	06/13/2015 09:36	4	Retention
06/13/2015 09:37	06/13/2015 19:42	606	On Hazardous Waste
06/13/2015 19:43	06/13/2015 19:46	4	Retention
06/13/2015 19:47	06/15/2015 10:01	2295	On Hazardous Waste
06/15/2015 10:02	06/15/2015 10:15	14	Retention
06/15/2015 10:16	06/16/2015 18:36	1941	On Hazardous Waste
06/16/2015 18:37	06/16/2015 18:39	3	Retention
06/16/2015 18:40	06/17/2015 05:51	672	On Hazardous Waste
06/17/2015 05:52	06/17/2015 06:05	14	Retention
06/17/2015 06:06	06/18/2015 21:54	2389	On Hazardous Waste
06/18/2015 21:55	06/19/2015 02:49	295	Retention
06/19/2015 02:50	06/20/2015 20:17	2488	Offline
06/20/2015 20:18	06/20/2015 20:25	8	On Virgin Fuels
06/20/2015 20:26	06/20/2015 20:46	21	Offline
06/20/2015 20:47	06/21/2015 09:51	785	On Virgin Fuels
06/21/2015 09:52	06/21/2015 09:53	2	On Hazardous Waste
06/21/2015 09:54	06/21/2015 10:06	13	On Virgin Fuels
06/21/2015 10:07	06/21/2015 12:03	117	On Hazardous Waste
06/21/2015 12:04	06/21/2015 16:58	295	Retention
06/21/2015 16:59	06/21/2015 18:47	109	On Virgin Fuels
06/21/2015 18:48	06/22/2015 12:24	1057	On Hazardous Waste

Heritage Thermal Services
2nd Quarter 2015

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
06/22/2015 12:25	06/22/2015 12:52	28	Retention
06/22/2015 12:53	06/24/2015 22:30	3458	On Hazardous Waste
06/24/2015 22:31	06/24/2015 22:35	5	Retention
06/24/2015 22:36	06/27/2015 17:23	4008	On Hazardous Waste
06/27/2015 17:24	06/27/2015 17:45	22	Retention
06/27/2015 17:46	06/29/2015 17:51	2886	On Hazardous Waste
06/29/2015 17:52	06/29/2015 19:27	96	Retention
06/29/2015 19:28	06/30/2015 23:59	1712	On Hazardous Waste
		115923	On Hazardous Waste
		3011	Retention
		3864	On Virgin Fuels
		8242	Offline
		0	Missing
		131040	Total
		131040	Minutes in Quarter

Temperature is Report on a One Hour Average

Kiln Temperature

< 1695

Kiln Temperature must be > 1695 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
04/24/2015 21:23	769.5	132	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.
06/02/2015 22:31	1567.3	56	Malfunction Instrument	Restarted unit. Replaced UPS battery.
06/18/2015 22:01	730.0	289	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.
06/21/2015 12:15	825.8	284	Malfunction Instrument	Repaired instrument. Restarted unit.
		761	Total Minutes	
Note: Revised OPL's established during CPT were implemented on 6/18/15				

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
1	04/24/2015 21:23	1715.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
2	04/24/2015 21:24	1702.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
3	04/24/2015 21:25	1688.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
4	04/24/2015 21:26	1675.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
5	04/24/2015 21:27	1661.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
6	04/24/2015 21:28	1647.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
7	04/24/2015 21:29	1633.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
8	04/24/2015 21:30	1619.94	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
9	04/24/2015 21:31	1605.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
10	04/24/2015 21:32	1591.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
11	04/24/2015 21:33	1577.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
12	04/24/2015 21:34	1563.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
13	04/24/2015 21:35	1549.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
14	04/24/2015 21:36	1535.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
15	04/24/2015 21:37	1521.63	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
16	04/24/2015 21:38	1507.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
17	04/24/2015 21:39	1493.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
18	04/24/2015 21:40	1479.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
19	04/24/2015 21:41	1465.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
20	04/24/2015 21:42	1451.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
21	04/24/2015 21:43	1436.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
22	04/24/2015 21:44	1422.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
23	04/24/2015 21:45	1407.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
24	04/24/2015 21:46	1393.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
25	04/24/2015 21:47	1378.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
26	04/24/2015 21:48	1363.94	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
27	04/24/2015 21:49	1349.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
28	04/24/2015 21:50	1334.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
29	04/24/2015 21:51	1319.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
30	04/24/2015 21:52	1303.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
31	04/24/2015 21:53	1288.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
32	04/24/2015 21:54	1273.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
33	04/24/2015 21:55	1258.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
34	04/24/2015 21:56	1242.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
35	04/24/2015 21:57	1227.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
36	04/24/2015 21:58	1212.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
37	04/24/2015 21:59	1196.78	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
38	04/24/2015 22:00	1181.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
39	04/24/2015 22:01	1165.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
40	04/24/2015 22:02	1150.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
41	04/24/2015 22:03	1134.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
42	04/24/2015 22:04	1119.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
43	04/24/2015 22:05	1106.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
44	04/24/2015 22:06	1096.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
45	04/24/2015 22:07	1089.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
46	04/24/2015 22:08	1084.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
47	04/24/2015 22:09	1079.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
48	04/24/2015 22:10	1074.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
49	04/24/2015 22:11	1070.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
50	04/24/2015 22:12	1065.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
51	04/24/2015 22:13	1061.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
52	04/24/2015 22:14	1056.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
53	04/24/2015 22:15	1052.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
54	04/24/2015 22:16	1048.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
55	04/24/2015 22:17	1044.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
56	04/24/2015 22:18	1041.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
57	04/24/2015 22:19	1037.16	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
58	04/24/2015 22:20	1033.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
59	04/24/2015 22:21	1028.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
60	04/24/2015 22:22	1023.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
61	04/24/2015 22:23	1018.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
62	04/24/2015 22:24	1012.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
63	04/24/2015 22:25	1007.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
64	04/24/2015 22:26	1001.05	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
65	04/24/2015 22:27	994.86	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
66	04/24/2015 22:28	988.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
67	04/24/2015 22:29	982.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
68	04/24/2015 22:30	975.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
69	04/24/2015 22:31	969.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
70	04/24/2015 22:32	962.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
71	04/24/2015 22:33	956.58	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
72	04/24/2015 22:34	950.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
73	04/24/2015 22:35	944.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
74	04/24/2015 22:36	937.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
75	04/24/2015 22:37	931.94	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
76	04/24/2015 22:38	926.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
77	04/24/2015 22:39	920.20	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
78	04/24/2015 22:40	914.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
79	04/24/2015 22:41	909.05	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
80	04/24/2015 22:42	903.63	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
81	04/24/2015 22:43	898.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
82	04/24/2015 22:44	892.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
83	04/24/2015 22:45	887.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
84	04/24/2015 22:46	882.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
85	04/24/2015 22:47	877.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
86	04/24/2015 22:48	872.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
87	04/24/2015 22:49	867.58	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
88	04/24/2015 22:50	862.89	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
89	04/24/2015 22:51	858.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
90	04/24/2015 22:52	854.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
91	04/24/2015 22:53	850.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
92	04/24/2015 22:54	846.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
93	04/24/2015 22:55	843.58	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
94	04/24/2015 22:56	840.39	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
95	04/24/2015 22:57	837.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
96	04/24/2015 22:58	834.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
97	04/24/2015 22:59	831.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
98	04/24/2015 23:00	828.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
99	04/24/2015 23:01	825.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
100	04/24/2015 23:02	822.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
101	04/24/2015 23:03	819.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
102	04/24/2015 23:04	816.86	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
103	04/24/2015 23:05	814.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
104	04/24/2015 23:06	811.42	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
105	04/24/2015 23:07	808.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
106	04/24/2015 23:08	805.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
107	04/24/2015 23:09	803.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
108	04/24/2015 23:10	800.80	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
109	04/24/2015 23:11	798.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
110	04/24/2015 23:12	795.83	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
111	04/24/2015 23:13	793.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
112	04/24/2015 23:14	790.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
113	04/24/2015 23:15	787.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
114	04/24/2015 23:16	784.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
115	04/24/2015 23:17	782.16	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
116	04/24/2015 23:18	779.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
117	04/24/2015 23:19	776.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
118	04/24/2015 23:20	774.17	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
119	04/24/2015 23:21	772.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
120	04/24/2015 23:22	771.08	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
121	04/24/2015 23:23	770.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
122	04/24/2015 23:24	769.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
123	04/24/2015 23:25	769.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
124	04/24/2015 23:26	769.45	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
125	04/24/2015 23:27	769.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
126	04/24/2015 23:28	770.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
127	04/24/2015 23:29	770.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
128	04/24/2015 23:30	771.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
129	04/24/2015 23:31	771.70	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
130	04/24/2015 23:32	772.22	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
131	04/24/2015 23:33	772.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
132	04/24/2015 23:34	773.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste In Combustion	Automatic Waste Feed Cutoff?
133	06/02/2015 22:31	1710.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
134	06/02/2015 22:32	1699.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
135	06/02/2015 22:33	1687.00	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
136	06/02/2015 22:34	1674.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
137	06/02/2015 22:35	1662.94	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
138	06/02/2015 22:36	1652.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
139	06/02/2015 22:37	1644.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
140	06/02/2015 22:38	1637.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
141	06/02/2015 22:39	1631.38	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
142	06/02/2015 22:40	1624.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
143	06/02/2015 22:41	1617.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
144	06/02/2015 22:42	1611.28	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
145	06/02/2015 22:43	1604.94	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
146	06/02/2015 22:44	1598.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
147	06/02/2015 22:45	1592.22	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
148	06/02/2015 22:46	1586.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
149	06/02/2015 22:47	1580.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
150	06/02/2015 22:48	1576.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
151	06/02/2015 22:49	1573.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
152	06/02/2015 22:50	1571.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
153	06/02/2015 22:51	1570.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
154	06/02/2015 22:52	1569.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
155	06/02/2015 22:53	1567.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
156	06/02/2015 22:54	1567.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
157	06/02/2015 22:55	1567.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
158	06/02/2015 22:56	1568.28	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
159	06/02/2015 22:57	1569.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
160	06/02/2015 22:58	1570.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
161	06/02/2015 22:59	1572.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
162	06/02/2015 23:00	1574.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
163	06/02/2015 23:01	1577.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
164	06/02/2015 23:02	1580.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
165	06/02/2015 23:03	1583.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
166	06/02/2015 23:04	1586.00	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
167	06/02/2015 23:05	1587.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
168	06/02/2015 23:06	1589.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
169	06/02/2015 23:07	1589.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
170	06/02/2015 23:08	1589.88	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
171	06/02/2015 23:09	1588.88	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
172	06/02/2015 23:10	1587.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
173	06/02/2015 23:11	1586.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
174	06/02/2015 23:12	1586.22	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
175	06/02/2015 23:13	1586.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
176	06/02/2015 23:14	1586.06	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
177	06/02/2015 23:15	1588.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
178	06/02/2015 23:16	1590.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
179	06/02/2015 23:17	1595.28	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
180	06/02/2015 23:18	1600.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
181	06/02/2015 23:19	1607.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
182	06/02/2015 23:20	1613.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
183	06/02/2015 23:21	1620.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
184	06/02/2015 23:22	1627.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
185	06/02/2015 23:23	1635.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
186	06/02/2015 23:24	1644.91	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
187	06/02/2015 23:25	1655.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
188	06/02/2015 23:26	1666.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
189	06/18/2015 22:01	1707.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
190	06/18/2015 22:02	1690.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
191	06/18/2015 22:03	1674.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
192	06/18/2015 22:04	1657.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
193	06/18/2015 22:05	1641.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
194	06/18/2015 22:06	1624.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
195	06/18/2015 22:07	1608.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
196	06/18/2015 22:08	1592.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
197	06/18/2015 22:09	1575.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
198	06/18/2015 22:10	1559.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
199	06/18/2015 22:11	1543.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
200	06/18/2015 22:12	1527.66	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
201	06/18/2015 22:13	1511.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
202	06/18/2015 22:14	1494.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
203	06/18/2015 22:15	1477.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
204	06/18/2015 22:16	1459.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
205	06/18/2015 22:17	1442.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
206	06/18/2015 22:18	1425.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
207	06/18/2015 22:19	1408.53	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
208	06/18/2015 22:20	1391.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
209	06/18/2015 22:21	1375.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
210	06/18/2015 22:22	1358.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
211	06/18/2015 22:23	1341.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
212	06/18/2015 22:24	1324.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
213	06/18/2015 22:25	1307.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
214	06/18/2015 22:26	1290.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
215	06/18/2015 22:27	1273.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
216	06/18/2015 22:28	1255.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
217	06/18/2015 22:29	1238.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
218	06/18/2015 22:30	1221.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
219	06/18/2015 22:31	1203.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
220	06/18/2015 22:32	1186.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
221	06/18/2015 22:33	1168.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
222	06/18/2015 22:34	1151.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
223	06/18/2015 22:35	1133.53	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
224	06/18/2015 22:36	1116.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
225	06/18/2015 22:37	1098.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
226	06/18/2015 22:38	1081.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
227	06/18/2015 22:39	1064.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
228	06/18/2015 22:40	1048.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
229	06/18/2015 22:41	1032.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
230	06/18/2015 22:42	1015.84	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
231	06/18/2015 22:43	999.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
232	06/18/2015 22:44	983.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
233	06/18/2015 22:45	966.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
234	06/18/2015 22:46	949.61	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
235	06/18/2015 22:47	932.73	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
236	06/18/2015 22:48	915.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
237	06/18/2015 22:49	898.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
238	06/18/2015 22:50	880.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
239	06/18/2015 22:51	862.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
240	06/18/2015 22:52	845.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
241	06/18/2015 22:53	828.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
242	06/18/2015 22:54	812.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
243	06/18/2015 22:55	795.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
244	06/18/2015 22:56	780.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
245	06/18/2015 22:57	769.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
246	06/18/2015 22:58	758.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
247	06/18/2015 22:59	751.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
248	06/18/2015 23:00	751.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
249	06/18/2015 23:01	751.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
250	06/18/2015 23:02	751.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
251	06/18/2015 23:03	751.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
252	06/18/2015 23:04	751.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
253	06/18/2015 23:05	751.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
254	06/18/2015 23:06	751.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
255	06/18/2015 23:07	750.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
256	06/18/2015 23:08	750.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
257	06/18/2015 23:09	749.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
258	06/18/2015 23:10	748.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
259	06/18/2015 23:11	747.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
260	06/18/2015 23:12	747.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
261	06/18/2015 23:13	746.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
262	06/18/2015 23:14	745.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
263	06/18/2015 23:15	744.95	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
264	06/18/2015 23:16	744.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
265	06/18/2015 23:17	743.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
266	06/18/2015 23:18	743.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
267	06/18/2015 23:19	742.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
268	06/18/2015 23:20	742.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
269	06/18/2015 23:21	741.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
270	06/18/2015 23:22	741.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
271	06/18/2015 23:23	740.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
272	06/18/2015 23:24	740.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
273	06/18/2015 23:25	739.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
274	06/18/2015 23:26	738.95	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
275	06/18/2015 23:27	738.41	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
276	06/18/2015 23:28	737.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
277	06/18/2015 23:29	737.38	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
278	06/18/2015 23:30	736.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
279	06/18/2015 23:31	736.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
280	06/18/2015 23:32	735.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
281	06/18/2015 23:33	735.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
282	06/18/2015 23:34	735.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
283	06/18/2015 23:35	734.61	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
284	06/18/2015 23:36	734.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
285	06/18/2015 23:37	733.73	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
286	06/18/2015 23:38	733.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
287	06/18/2015 23:39	732.86	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
288	06/18/2015 23:40	732.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
289	06/18/2015 23:41	732.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
290	06/18/2015 23:42	731.73	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
291	06/18/2015 23:43	731.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
292	06/18/2015 23:44	731.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
293	06/18/2015 23:45	731.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
294	06/18/2015 23:46	730.84	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
295	06/18/2015 23:47	730.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
296	06/18/2015 23:48	730.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
297	06/18/2015 23:49	730.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
298	06/18/2015 23:50	730.38	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
299	06/18/2015 23:51	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
300	06/18/2015 23:52	730.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
301	06/18/2015 23:53	730.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
302	06/18/2015 23:54	730.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
303	06/18/2015 23:55	730.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
304	06/18/2015 23:56	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
305	06/18/2015 23:57	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
306	06/18/2015 23:58	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
307	06/18/2015 23:59	730.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
308	06/19/2015 00:00	730.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
309	06/19/2015 00:01	730.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
310	06/19/2015 00:02	730.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
311	06/19/2015 00:03	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
312	06/19/2015 00:04	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
313	06/19/2015 00:05	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
314	06/19/2015 00:06	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
315	06/19/2015 00:07	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
316	06/19/2015 00:08	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
317	06/19/2015 00:09	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
318	06/19/2015 00:10	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
319	06/19/2015 00:11	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
320	06/19/2015 00:12	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
321	06/19/2015 00:13	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
322	06/19/2015 00:14	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
323	06/19/2015 00:15	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
324	06/19/2015 00:16	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
325	06/19/2015 00:17	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
326	06/19/2015 00:18	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
327	06/19/2015 00:19	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
328	06/19/2015 00:20	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
329	06/19/2015 00:21	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
330	06/19/2015 00:22	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
331	06/19/2015 00:23	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
332	06/19/2015 00:24	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
333	06/19/2015 00:25	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
334	06/19/2015 00:26	730.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
335	06/19/2015 00:27	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
336	06/19/2015 00:28	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
337	06/19/2015 00:29	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
338	06/19/2015 00:30	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
339	06/19/2015 00:31	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
340	06/19/2015 00:32	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
341	06/19/2015 00:33	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
342	06/19/2015 00:34	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
343	06/19/2015 00:35	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
344	06/19/2015 00:36	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
345	06/19/2015 00:37	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
346	06/19/2015 00:38	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
347	06/19/2015 00:39	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retentio	Yes	Yes
348	06/19/2015 00:40	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
349	06/19/2015 00:41	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
350	06/19/2015 00:42	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
351	06/19/2015 00:43	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
352	06/19/2015 00:44	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
353	06/19/2015 00:45	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
354	06/19/2015 00:46	730.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
355	06/19/2015 00:47	730.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
356	06/19/2015 00:48	730.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
357	06/19/2015 00:49	730.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
358	06/19/2015 00:50	730.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
359	06/19/2015 00:51	730.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
360	06/19/2015 00:52	730.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
361	06/19/2015 00:53	730.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
362	06/19/2015 00:54	730.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
363	06/19/2015 00:55	730.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
364	06/19/2015 00:56	730.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
365	06/19/2015 00:57	730.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
366	06/19/2015 00:58	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
367	06/19/2015 00:59	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
368	06/19/2015 01:00	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
369	06/19/2015 01:01	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
370	06/19/2015 01:02	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
371	06/19/2015 01:03	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
372	06/19/2015 01:04	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
373	06/19/2015 01:05	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
374	06/19/2015 01:06	730.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
375	06/19/2015 01:07	730.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
376	06/19/2015 01:08	730.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
377	06/19/2015 01:09	730.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
378	06/19/2015 01:10	730.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
379	06/19/2015 01:11	730.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
380	06/19/2015 01:12	730.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
381	06/19/2015 01:13	730.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
382	06/19/2015 01:14	730.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
383	06/19/2015 01:15	730.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
384	06/19/2015 01:16	730.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
385	06/19/2015 01:17	730.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
386	06/19/2015 01:18	730.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
387	06/19/2015 01:19	730.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
388	06/19/2015 01:20	730.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
389	06/19/2015 01:21	730.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
390	06/19/2015 01:22	730.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
391	06/19/2015 01:23	730.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
392	06/19/2015 01:24	730.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
393	06/19/2015 01:25	730.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
394	06/19/2015 01:26	730.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
395	06/19/2015 01:27	730.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
396	06/19/2015 01:28	730.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
397	06/19/2015 01:29	730.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
398	06/19/2015 01:30	730.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
399	06/19/2015 01:31	730.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
400	06/19/2015 01:32	730.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
401	06/19/2015 01:33	730.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
402	06/19/2015 01:34	730.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
403	06/19/2015 01:35	730.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
404	06/19/2015 01:36	730.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
405	06/19/2015 01:37	730.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
406	06/19/2015 01:38	730.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
407	06/19/2015 01:39	730.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
408	06/19/2015 01:40	730.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
409	06/19/2015 01:41	730.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
410	06/19/2015 01:42	730.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
411	06/19/2015 01:43	730.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
412	06/19/2015 01:44	730.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
413	06/19/2015 01:45	730.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
414	06/19/2015 01:46	730.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
415	06/19/2015 01:47	730.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
416	06/19/2015 01:48	730.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
417	06/19/2015 01:49	730.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
418	06/19/2015 01:50	730.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
419	06/19/2015 01:51	730.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
420	06/19/2015 01:52	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
421	06/19/2015 01:53	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
422	06/19/2015 01:54	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
423	06/19/2015 01:55	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
424	06/19/2015 01:56	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
425	06/19/2015 01:57	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
426	06/19/2015 01:58	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
427	06/19/2015 01:59	730.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
428	06/19/2015 02:00	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
429	06/19/2015 02:01	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
430	06/19/2015 02:02	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
431	06/19/2015 02:03	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
432	06/19/2015 02:04	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
433	06/19/2015 02:05	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
434	06/19/2015 02:06	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
435	06/19/2015 02:07	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
436	06/19/2015 02:08	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
437	06/19/2015 02:09	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
438	06/19/2015 02:10	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
439	06/19/2015 02:11	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
440	06/19/2015 02:12	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
441	06/19/2015 02:13	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
442	06/19/2015 02:14	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
443	06/19/2015 02:15	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
444	06/19/2015 02:16	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
445	06/19/2015 02:17	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
446	06/19/2015 02:18	730.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
447	06/19/2015 02:19	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
448	06/19/2015 02:20	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
449	06/19/2015 02:21	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
450	06/19/2015 02:22	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
451	06/19/2015 02:23	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
452	06/19/2015 02:24	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
453	06/19/2015 02:25	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
454	06/19/2015 02:26	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
455	06/19/2015 02:27	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
456	06/19/2015 02:28	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
457	06/19/2015 02:29	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
458	06/19/2015 02:30	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
459	06/19/2015 02:31	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
460	06/19/2015 02:32	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
461	06/19/2015 02:33	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
462	06/19/2015 02:34	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
463	06/19/2015 02:35	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
464	06/19/2015 02:36	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
465	06/19/2015 02:37	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
466	06/19/2015 02:38	730.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
467	06/19/2015 02:39	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
468	06/19/2015 02:40	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
469	06/19/2015 02:41	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
470	06/19/2015 02:42	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
471	06/19/2015 02:43	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
472	06/19/2015 02:44	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
473	06/19/2015 02:45	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
474	06/19/2015 02:46	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
475	06/19/2015 02:47	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
476	06/19/2015 02:48	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
477	06/19/2015 02:49	730.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
478	06/21/2015 12:15	1693.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
479	06/21/2015 12:16	1685.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
480	06/21/2015 12:17	1676.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
481	06/21/2015 12:18	1667.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
482	06/21/2015 12:19	1658.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
483	06/21/2015 12:20	1650.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
484	06/21/2015 12:21	1641.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
485	06/21/2015 12:22	1632.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
486	06/21/2015 12:23	1624.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
487	06/21/2015 12:24	1615.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
488	06/21/2015 12:25	1606.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
489	06/21/2015 12:26	1598.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
490	06/21/2015 12:27	1589.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
491	06/21/2015 12:28	1581.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
492	06/21/2015 12:29	1573.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
493	06/21/2015 12:30	1565.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
494	06/21/2015 12:31	1556.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
495	06/21/2015 12:32	1547.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
496	06/21/2015 12:33	1538.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
497	06/21/2015 12:34	1528.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
498	06/21/2015 12:35	1519.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
499	06/21/2015 12:36	1510.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
500	06/21/2015 12:37	1501.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
501	06/21/2015 12:38	1492.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
502	06/21/2015 12:39	1482.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
503	06/21/2015 12:40	1472.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
504	06/21/2015 12:41	1462.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
505	06/21/2015 12:42	1451.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
506	06/21/2015 12:43	1441.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
507	06/21/2015 12:44	1430.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
508	06/21/2015 12:45	1420.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
509	06/21/2015 12:46	1410.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
510	06/21/2015 12:47	1399.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
511	06/21/2015 12:48	1389.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
512	06/21/2015 12:49	1378.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
513	06/21/2015 12:50	1367.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
514	06/21/2015 12:51	1356.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
515	06/21/2015 12:52	1345.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
516	06/21/2015 12:53	1333.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
517	06/21/2015 12:54	1321.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
518	06/21/2015 12:55	1309.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
519	06/21/2015 12:56	1297.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
520	06/21/2015 12:57	1285.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
521	06/21/2015 12:58	1273.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
522	06/21/2015 12:59	1262.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
523	06/21/2015 13:00	1250.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
524	06/21/2015 13:01	1239.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
525	06/21/2015 13:02	1227.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
526	06/21/2015 13:03	1214.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
527	06/21/2015 13:04	1199.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
528	06/21/2015 13:05	1185.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
529	06/21/2015 13:06	1171.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
530	06/21/2015 13:07	1158.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
531	06/21/2015 13:08	1145.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
532	06/21/2015 13:09	1133.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
533	06/21/2015 13:10	1123.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
534	06/21/2015 13:11	1113.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
535	06/21/2015 13:12	1104.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
536	06/21/2015 13:13	1096.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
537	06/21/2015 13:14	1089.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
538	06/21/2015 13:15	1082.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
539	06/21/2015 13:16	1076.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
540	06/21/2015 13:17	1070.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
541	06/21/2015 13:18	1065.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
542	06/21/2015 13:19	1060.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
543	06/21/2015 13:20	1054.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
544	06/21/2015 13:21	1049.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
545	06/21/2015 13:22	1043.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
546	06/21/2015 13:23	1038.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
547	06/21/2015 13:24	1032.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
548	06/21/2015 13:25	1027.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
549	06/21/2015 13:26	1022.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
550	06/21/2015 13:27	1017.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
551	06/21/2015 13:28	1012.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
552	06/21/2015 13:29	1008.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
553	06/21/2015 13:30	1003.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
554	06/21/2015 13:31	998.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
555	06/21/2015 13:32	993.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
556	06/21/2015 13:33	988.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
557	06/21/2015 13:34	983.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
558	06/21/2015 13:35	978.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
559	06/21/2015 13:36	974.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
560	06/21/2015 13:37	969.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
561	06/21/2015 13:38	965.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
562	06/21/2015 13:39	960.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
563	06/21/2015 13:40	957.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
564	06/21/2015 13:41	953.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
565	06/21/2015 13:42	949.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
566	06/21/2015 13:43	945.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
567	06/21/2015 13:44	941.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
568	06/21/2015 13:45	937.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
569	06/21/2015 13:46	933.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
570	06/21/2015 13:47	929.89	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
571	06/21/2015 13:48	926.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
572	06/21/2015 13:49	922.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
573	06/21/2015 13:50	919.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
574	06/21/2015 13:51	915.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
575	06/21/2015 13:52	912.48	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
576	06/21/2015 13:53	909.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
577	06/21/2015 13:54	905.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
578	06/21/2015 13:55	901.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
579	06/21/2015 13:56	898.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
580	06/21/2015 13:57	895.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
581	06/21/2015 13:58	891.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
582	06/21/2015 13:59	888.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
583	06/21/2015 14:00	885.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
584	06/21/2015 14:01	882.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
585	06/21/2015 14:02	879.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
586	06/21/2015 14:03	877.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
587	06/21/2015 14:04	874.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
588	06/21/2015 14:05	873.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
589	06/21/2015 14:06	871.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
590	06/21/2015 14:07	870.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
591	06/21/2015 14:08	868.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
592	06/21/2015 14:09	868.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
593	06/21/2015 14:10	867.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
594	06/21/2015 14:11	866.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
595	06/21/2015 14:12	865.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
596	06/21/2015 14:13	864.89	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
597	06/21/2015 14:14	863.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
598	06/21/2015 14:15	862.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
599	06/21/2015 14:16	860.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
600	06/21/2015 14:17	858.61	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
601	06/21/2015 14:18	856.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
602	06/21/2015 14:19	854.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
603	06/21/2015 14:20	852.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
604	06/21/2015 14:21	850.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
605	06/21/2015 14:22	848.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
606	06/21/2015 14:23	846.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
607	06/21/2015 14:24	844.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
608	06/21/2015 14:25	841.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
609	06/21/2015 14:26	839.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
610	06/21/2015 14:27	837.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
611	06/21/2015 14:28	834.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
612	06/21/2015 14:29	832.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
613	06/21/2015 14:30	829.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
614	06/21/2015 14:31	828.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
615	06/21/2015 14:32	826.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
616	06/21/2015 14:33	825.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
617	06/21/2015 14:34	826.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
618	06/21/2015 14:35	827.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
619	06/21/2015 14:36	828.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
620	06/21/2015 14:37	829.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
621	06/21/2015 14:38	831.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
622	06/21/2015 14:39	832.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
623	06/21/2015 14:40	834.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
624	06/21/2015 14:41	836.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
625	06/21/2015 14:42	839.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
626	06/21/2015 14:43	841.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
627	06/21/2015 14:44	844.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
628	06/21/2015 14:45	847.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
629	06/21/2015 14:46	851.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
630	06/21/2015 14:47	854.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
631	06/21/2015 14:48	857.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
632	06/21/2015 14:49	860.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
633	06/21/2015 14:50	864.33	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
634	06/21/2015 14:51	867.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
635	06/21/2015 14:52	871.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
636	06/21/2015 14:53	876.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
637	06/21/2015 14:54	881.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
638	06/21/2015 14:55	885.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
639	06/21/2015 14:56	890.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
640	06/21/2015 14:57	895.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
641	06/21/2015 14:58	900.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
642	06/21/2015 14:59	905.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
643	06/21/2015 15:00	910.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
644	06/21/2015 15:01	915.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
645	06/21/2015 15:02	920.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
646	06/21/2015 15:03	926.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
647	06/21/2015 15:04	932.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
648	06/21/2015 15:05	938.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
649	06/21/2015 15:06	944.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
650	06/21/2015 15:07	951.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
651	06/21/2015 15:08	957.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
652	06/21/2015 15:09	964.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
653	06/21/2015 15:10	971.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
654	06/21/2015 15:11	978.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
655	06/21/2015 15:12	986.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
656	06/21/2015 15:13	994.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
657	06/21/2015 15:14	1002.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
658	06/21/2015 15:15	1009.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
659	06/21/2015 15:16	1017.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
660	06/21/2015 15:17	1025.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
661	06/21/2015 15:18	1033.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
662	06/21/2015 15:19	1041.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
663	06/21/2015 15:20	1050.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
664	06/21/2015 15:21	1058.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
665	06/21/2015 15:22	1066.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
666	06/21/2015 15:23	1074.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
667	06/21/2015 15:24	1083.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
668	06/21/2015 15:25	1091.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
669	06/21/2015 15:26	1100.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
670	06/21/2015 15:27	1109.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
671	06/21/2015 15:28	1118.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
672	06/21/2015 15:29	1127.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
673	06/21/2015 15:30	1137.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
674	06/21/2015 15:31	1145.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
675	06/21/2015 15:32	1154.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
676	06/21/2015 15:33	1162.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
677	06/21/2015 15:34	1169.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
678	06/21/2015 15:35	1176.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
679	06/21/2015 15:36	1183.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
680	06/21/2015 15:37	1189.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
681	06/21/2015 15:38	1196.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
682	06/21/2015 15:39	1202.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
683	06/21/2015 15:40	1209.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
684	06/21/2015 15:41	1215.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
685	06/21/2015 15:42	1220.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
686	06/21/2015 15:43	1226.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
687	06/21/2015 15:44	1231.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
688	06/21/2015 15:45	1236.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
689	06/21/2015 15:46	1241.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
690	06/21/2015 15:47	1246.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
691	06/21/2015 15:48	1251.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
692	06/21/2015 15:49	1256.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
693	06/21/2015 15:50	1261.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
694	06/21/2015 15:51	1266.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
695	06/21/2015 15:52	1271.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
696	06/21/2015 15:53	1275.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
697	06/21/2015 15:54	1279.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
698	06/21/2015 15:55	1283.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
699	06/21/2015 15:56	1287.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
700	06/21/2015 15:57	1292.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
701	06/21/2015 15:58	1296.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
702	06/21/2015 15:59	1301.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
703	06/21/2015 16:00	1305.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
704	06/21/2015 16:01	1309.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
705	06/21/2015 16:02	1313.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
706	06/21/2015 16:03	1317.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
707	06/21/2015 16:04	1321.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
708	06/21/2015 16:05	1324.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
709	06/21/2015 16:06	1328.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
710	06/21/2015 16:07	1330.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
711	06/21/2015 16:08	1333.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
712	06/21/2015 16:09	1336.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
713	06/21/2015 16:10	1339.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
714	06/21/2015 16:11	1341.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
715	06/21/2015 16:12	1344.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
716	06/21/2015 16:13	1346.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
717	06/21/2015 16:14	1349.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
718	06/21/2015 16:15	1351.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
719	06/21/2015 16:16	1353.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
720	06/21/2015 16:17	1356.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
721	06/21/2015 16:18	1358.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
722	06/21/2015 16:19	1361.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
723	06/21/2015 16:20	1363.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
724	06/21/2015 16:21	1365.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
725	06/21/2015 16:22	1367.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
726	06/21/2015 16:23	1370.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

Kiln Temperature <1695

Kiln Temperature must be > 1695 while there is Hazardous Waste being fed or there is Waste Retention in the kiln

	Date	Temperature (DEG F)	Reason	Corrective Action	Incinerator Operation	Waste in Combustion	Automatic Waste Feed Cutoff?
727	06/21/2015 16:24	1372.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
728	06/21/2015 16:25	1374.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
729	06/21/2015 16:26	1376.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
730	06/21/2015 16:27	1377.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
731	06/21/2015 16:28	1379.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
732	06/21/2015 16:29	1381.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
733	06/21/2015 16:30	1382.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
734	06/21/2015 16:31	1383.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
735	06/21/2015 16:32	1385.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
736	06/21/2015 16:33	1386.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
737	06/21/2015 16:34	1387.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
738	06/21/2015 16:35	1387.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
739	06/21/2015 16:36	1388.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
740	06/21/2015 16:37	1388.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
741	06/21/2015 16:38	1389.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
742	06/21/2015 16:39	1389.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
743	06/21/2015 16:40	1390.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
744	06/21/2015 16:41	1390.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
745	06/21/2015 16:42	1391.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
746	06/21/2015 16:43	1392.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
747	06/21/2015 16:44	1393.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
748	06/21/2015 16:45	1393.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
749	06/21/2015 16:46	1394.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
750	06/21/2015 16:47	1395.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
751	06/21/2015 16:48	1395.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
752	06/21/2015 16:49	1396.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
753	06/21/2015 16:50	1396.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
754	06/21/2015 16:51	1396.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
755	06/21/2015 16:52	1397.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
756	06/21/2015 16:53	1397.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
757	06/21/2015 16:54	1397.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
758	06/21/2015 16:55	1397.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
759	06/21/2015 16:56	1397.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
760	06/21/2015 16:57	1397.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
761	06/21/2015 16:58	1397.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
		761	Total Minutes in Exceedance				
		4	Number of Events				

Temperature is Report on a One Hour Average

SCC Temperature < 1710

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
04/14/2015 04:59	1671.0	58	Malfunction Instrument	Replaced switch. Restarted unit.
04/24/2015 21:10	733.1	144	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.
06/02/2015 22:25	1508.8	62	Malfunction Instrument	Restarted unit. Replaced UPS battery.
06/05/2015 15:20	1699.3	62	Malfunction Power Failure	Power restored. Unit restarted.
06/18/2015 22:01	729.9	289	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.
06/21/2015 12:12	730.1	287	Malfunction Instrument	Repaired instrument. Restarted unit.
		902	Total Minutes	
Note: Revised OPL's established during CPT were implemented on 6/18/15				

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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	04/14/2015 04:59	1742.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
2	04/14/2015 05:00	1742.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
3	04/14/2015 05:01	1722.72	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
4	04/14/2015 05:02	1722.72	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
5	04/14/2015 05:03	1703.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
6	04/14/2015 05:04	1703.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
7	04/14/2015 05:05	1694.75	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
8	04/14/2015 05:06	1683.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
9	04/14/2015 05:07	1683.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
10	04/14/2015 05:08	1679.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
11	04/14/2015 05:09	1675.84	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
12	04/14/2015 05:10	1671.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
13	04/14/2015 05:11	1671.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
14	04/14/2015 05:12	1670.97	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
15	04/14/2015 05:13	1670.97	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
16	04/14/2015 05:14	1673.53	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
17	04/14/2015 05:15	1674.50	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
18	04/14/2015 05:16	1675.34	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
19	04/14/2015 05:17	1675.94	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
20	04/14/2015 05:18	1677.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
21	04/14/2015 05:19	1678.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
22	04/14/2015 05:20	1678.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
23	04/14/2015 05:21	1680.34	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
24	04/14/2015 05:22	1680.34	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
25	04/14/2015 05:23	1679.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
26	04/14/2015 05:24	1679.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
27	04/14/2015 05:25	1680.22	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
28	04/14/2015 05:26	1682.47	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
29	04/14/2015 05:27	1682.47	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
30	04/14/2015 05:28	1684.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
31	04/14/2015 05:29	1687.00	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
32	04/14/2015 05:30	1687.00	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
33	04/14/2015 05:31	1687.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
34	04/14/2015 05:32	1687.19	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
35	04/14/2015 05:33	1687.88	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
36	04/14/2015 05:34	1688.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
37	04/14/2015 05:35	1688.25	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
38	04/14/2015 05:36	1688.84	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
39	04/14/2015 05:37	1688.84	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
40	04/14/2015 05:38	1690.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
41	04/14/2015 05:39	1690.78	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
42	04/14/2015 05:40	1691.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
43	04/14/2015 05:41	1691.13	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
44	04/14/2015 05:42	1691.44	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
45	04/14/2015 05:43	1692.50	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
46	04/14/2015 05:44	1695.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
47	04/14/2015 05:45	1695.69	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
48	04/14/2015 05:46	1696.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
49	04/14/2015 05:47	1697.03	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
50	04/14/2015 05:48	1697.03	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
51	04/14/2015 05:49	1701.19	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
52	04/14/2015 05:50	1705.38	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
53	04/14/2015 05:51	1705.38	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
54	04/14/2015 05:52	1716.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
55	04/14/2015 05:53	1716.56	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
56	04/14/2015 05:54	1722.72	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
57	04/14/2015 05:55	1735.91	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
58	04/14/2015 05:56	1743.28	Malfunction Instrument	Replaced switch. Restarted unit.	Retention	Yes	Yes
59	04/24/2015 21:10	1735.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
60	04/24/2015 21:11	1722.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
61	04/24/2015 21:12	1708.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
62	04/24/2015 21:13	1694.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
63	04/24/2015 21:14	1680.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
64	04/24/2015 21:15	1666.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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	04/24/2015 21:16	1652.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
66	04/24/2015 21:17	1638.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
67	04/24/2015 21:18	1623.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
68	04/24/2015 21:19	1609.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
69	04/24/2015 21:20	1595.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
70	04/24/2015 21:21	1580.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
71	04/24/2015 21:22	1565.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
72	04/24/2015 21:23	1550.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
73	04/24/2015 21:24	1536.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
74	04/24/2015 21:25	1521.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
75	04/24/2015 21:26	1506.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
76	04/24/2015 21:27	1491.81	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
77	04/24/2015 21:28	1477.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
78	04/24/2015 21:29	1462.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
79	04/24/2015 21:30	1447.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
80	04/24/2015 21:31	1432.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
81	04/24/2015 21:32	1417.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
82	04/24/2015 21:33	1402.78	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
83	04/24/2015 21:34	1387.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
84	04/24/2015 21:35	1372.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
85	04/24/2015 21:36	1358.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
86	04/24/2015 21:37	1343.38	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
87	04/24/2015 21:38	1328.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
88	04/24/2015 21:39	1314.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
89	04/24/2015 21:40	1299.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
90	04/24/2015 21:41	1284.53	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
91	04/24/2015 21:42	1269.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
92	04/24/2015 21:43	1254.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
93	04/24/2015 21:44	1240.00	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
94	04/24/2015 21:45	1225.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
95	04/24/2015 21:46	1210.22	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
96	04/24/2015 21:47	1195.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
97	04/24/2015 21:48	1180.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
98	04/24/2015 21:49	1165.59	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
99	04/24/2015 21:50	1150.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
100	04/24/2015 21:51	1135.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
101	04/24/2015 21:52	1121.03	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
102	04/24/2015 21:53	1106.16	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
103	04/24/2015 21:54	1091.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
104	04/24/2015 21:55	1076.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
105	04/24/2015 21:56	1061.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
106	04/24/2015 21:57	1046.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
107	04/24/2015 21:58	1031.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
108	04/24/2015 21:59	1016.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
109	04/24/2015 22:00	1001.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
110	04/24/2015 22:01	986.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
111	04/24/2015 22:02	971.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
112	04/24/2015 22:03	956.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
113	04/24/2015 22:04	942.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
114	04/24/2015 22:05	931.50	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
115	04/24/2015 22:06	924.05	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
116	04/24/2015 22:07	920.02	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
117	04/24/2015 22:08	918.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
118	04/24/2015 22:09	917.20	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
119	04/24/2015 22:10	915.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
120	04/24/2015 22:11	914.70	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
121	04/24/2015 22:12	913.55	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
122	04/24/2015 22:13	912.45	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
123	04/24/2015 22:14	911.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
124	04/24/2015 22:15	910.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
125	04/24/2015 22:16	909.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
126	04/24/2015 22:17	908.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
127	04/24/2015 22:18	907.67	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
128	04/24/2015 22:19	906.77	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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	04/24/2015 22:20	905.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
130	04/24/2015 22:21	904.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
131	04/24/2015 22:22	902.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
132	04/24/2015 22:23	900.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
133	04/24/2015 22:24	897.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
134	04/24/2015 22:25	894.34	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
135	04/24/2015 22:26	891.06	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
136	04/24/2015 22:27	887.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
137	04/24/2015 22:28	884.33	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
138	04/24/2015 22:29	880.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
139	04/24/2015 22:30	877.66	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
140	04/24/2015 22:31	874.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
141	04/24/2015 22:32	871.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
142	04/24/2015 22:33	867.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
143	04/24/2015 22:34	864.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
144	04/24/2015 22:35	861.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
145	04/24/2015 22:36	858.47	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
146	04/24/2015 22:37	855.44	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
147	04/24/2015 22:38	852.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
148	04/24/2015 22:39	849.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
149	04/24/2015 22:40	846.42	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
150	04/24/2015 22:41	843.45	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
151	04/24/2015 22:42	840.55	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
152	04/24/2015 22:43	837.64	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
153	04/24/2015 22:44	834.77	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
154	04/24/2015 22:45	831.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
155	04/24/2015 22:46	829.08	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
156	04/24/2015 22:47	826.22	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
157	04/24/2015 22:48	823.36	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
158	04/24/2015 22:49	820.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
159	04/24/2015 22:50	817.61	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
160	04/24/2015 22:51	814.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
161	04/24/2015 22:52	811.84	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
162	04/24/2015 22:53	808.97	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
163	04/24/2015 22:54	806.13	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
164	04/24/2015 22:55	803.31	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
165	04/24/2015 22:56	800.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
166	04/24/2015 22:57	797.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
167	04/24/2015 22:58	794.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
168	04/24/2015 22:59	792.23	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
169	04/24/2015 23:00	789.48	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
170	04/24/2015 23:01	786.72	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
171	04/24/2015 23:02	783.98	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
172	04/24/2015 23:03	781.27	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
173	04/24/2015 23:04	778.56	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
174	04/24/2015 23:05	775.91	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
175	04/24/2015 23:06	773.28	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
176	04/24/2015 23:07	770.69	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
177	04/24/2015 23:08	768.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
178	04/24/2015 23:09	765.52	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
179	04/24/2015 23:10	762.95	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
180	04/24/2015 23:11	760.39	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
181	04/24/2015 23:12	757.86	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
182	04/24/2015 23:13	755.33	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
183	04/24/2015 23:14	752.80	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
184	04/24/2015 23:15	750.27	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
185	04/24/2015 23:16	747.75	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
186	04/24/2015 23:17	745.25	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
187	04/24/2015 23:18	742.78	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
188	04/24/2015 23:19	740.39	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
189	04/24/2015 23:20	738.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
190	04/24/2015 23:21	736.30	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
191	04/24/2015 23:22	734.88	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
192	04/24/2015 23:23	733.92	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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	04/24/2015 23:24	733.41	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
194	04/24/2015 23:25	733.19	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
195	04/24/2015 23:26	733.11	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
196	04/24/2015 23:27	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
197	04/24/2015 23:28	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
198	04/24/2015 23:29	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
199	04/24/2015 23:30	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
200	04/24/2015 23:31	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
201	04/24/2015 23:32	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
202	04/24/2015 23:33	733.09	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
203	06/02/2015 22:25	1739.38	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
204	06/02/2015 22:26	1727.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
205	06/02/2015 22:27	1716.34	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
206	06/02/2015 22:28	1704.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
207	06/02/2015 22:29	1693.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
208	06/02/2015 22:30	1681.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
209	06/02/2015 22:31	1669.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
210	06/02/2015 22:32	1657.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
211	06/02/2015 22:33	1644.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
212	06/02/2015 22:34	1631.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
213	06/02/2015 22:35	1618.88	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
214	06/02/2015 22:36	1607.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
215	06/02/2015 22:37	1597.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
216	06/02/2015 22:38	1589.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
217	06/02/2015 22:39	1582.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
218	06/02/2015 22:40	1575.09	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
219	06/02/2015 22:41	1567.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
220	06/02/2015 22:42	1560.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
221	06/02/2015 22:43	1553.72	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
222	06/02/2015 22:44	1546.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
223	06/02/2015 22:45	1538.91	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
224	06/02/2015 22:46	1531.84	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
225	06/02/2015 22:47	1525.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
226	06/02/2015 22:48	1520.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
227	06/02/2015 22:49	1517.03	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
228	06/02/2015 22:50	1514.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
229	06/02/2015 22:51	1511.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
230	06/02/2015 22:52	1510.16	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
231	06/02/2015 22:53	1509.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
232	06/02/2015 22:54	1508.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
233	06/02/2015 22:55	1509.31	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
234	06/02/2015 22:56	1510.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
235	06/02/2015 22:57	1511.50	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
236	06/02/2015 22:58	1512.56	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
237	06/02/2015 22:59	1513.97	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
238	06/02/2015 23:00	1515.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
239	06/02/2015 23:01	1518.19	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
240	06/02/2015 23:02	1521.78	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
241	06/02/2015 23:03	1525.53	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
242	06/02/2015 23:04	1529.16	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
243	06/02/2015 23:05	1531.91	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
244	06/02/2015 23:06	1533.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
245	06/02/2015 23:07	1535.09	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
246	06/02/2015 23:08	1535.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
247	06/02/2015 23:09	1535.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
248	06/02/2015 23:10	1534.81	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
249	06/02/2015 23:11	1534.44	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
250	06/02/2015 23:12	1535.06	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
251	06/02/2015 23:13	1535.59	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
252	06/02/2015 23:14	1536.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
253	06/02/2015 23:15	1541.63	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
254	06/02/2015 23:16	1546.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
255	06/02/2015 23:17	1561.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
256	06/02/2015 23:18	1575.41	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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	06/02/2015 23:19	1594.53	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
258	06/02/2015 23:20	1612.69	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
259	06/02/2015 23:21	1629.13	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
260	06/02/2015 23:22	1645.28	Malfunction Instrument	Restarted unit. Replaced UPS battery	Retention	Yes	Yes
261	06/02/2015 23:23	1660.25	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
262	06/02/2015 23:24	1674.47	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
263	06/02/2015 23:25	1688.00	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
264	06/02/2015 23:26	1700.75	Malfunction Instrument	Restarted unit. Replaced UPS battery.	Retention	Yes	Yes
265	06/05/2015 15:20	1741.66	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
266	06/05/2015 15:21	1736.09	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
267	06/05/2015 15:22	1732.59	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
268	06/05/2015 15:23	1729.44	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
269	06/05/2015 15:24	1726.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
270	06/05/2015 15:25	1722.44	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
271	06/05/2015 15:26	1719.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
272	06/05/2015 15:27	1716.63	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
273	06/05/2015 15:28	1715.22	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
274	06/05/2015 15:29	1714.63	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
275	06/05/2015 15:30	1714.38	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
276	06/05/2015 15:31	1713.97	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
277	06/05/2015 15:32	1713.38	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
278	06/05/2015 15:33	1712.91	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
279	06/05/2015 15:34	1712.78	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
280	06/05/2015 15:35	1713.19	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
281	06/05/2015 15:36	1714.28	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
282	06/05/2015 15:37	1715.72	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
283	06/05/2015 15:38	1717.22	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
284	06/05/2015 15:39	1718.41	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
285	06/05/2015 15:40	1718.81	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
286	06/05/2015 15:41	1718.56	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
287	06/05/2015 15:42	1717.56	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
288	06/05/2015 15:43	1716.50	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
289	06/05/2015 15:44	1715.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
290	06/05/2015 15:45	1715.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
291	06/05/2015 15:46	1715.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
292	06/05/2015 15:47	1715.56	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
293	06/05/2015 15:48	1716.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
294	06/05/2015 15:49	1717.00	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
295	06/05/2015 15:50	1717.69	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
296	06/05/2015 15:51	1717.78	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
297	06/05/2015 15:52	1717.28	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
298	06/05/2015 15:53	1716.50	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
299	06/05/2015 15:54	1715.66	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
300	06/05/2015 15:55	1715.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
301	06/05/2015 15:56	1716.00	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
302	06/05/2015 15:57	1716.59	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
303	06/05/2015 15:58	1717.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
304	06/05/2015 15:59	1717.34	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
305	06/05/2015 16:00	1717.34	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
306	06/05/2015 16:01	1717.09	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
307	06/05/2015 16:02	1716.41	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
308	06/05/2015 16:03	1715.28	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
309	06/05/2015 16:04	1713.72	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
310	06/05/2015 16:05	1712.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
311	06/05/2015 16:06	1710.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
312	06/05/2015 16:07	1709.06	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
313	06/05/2015 16:08	1707.44	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
314	06/05/2015 16:09	1705.63	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
315	06/05/2015 16:10	1703.69	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
316	06/05/2015 16:11	1701.88	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
317	06/05/2015 16:12	1701.00	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
318	06/05/2015 16:13	1700.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
319	06/05/2015 16:14	1699.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
320	06/05/2015 16:15	1700.03	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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	06/05/2015 16:16	1704.25	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
322	06/05/2015 16:17	1712.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
323	06/05/2015 16:18	1721.88	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
324	06/05/2015 16:19	1731.13	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
325	06/05/2015 16:20	1740.38	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
326	06/05/2015 16:21	1744.53	Malfunction Power Failure	Power restored. Unit restarted.	Retention	Yes	Yes
327	06/18/2015 22:01	1706.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
328	06/18/2015 22:02	1689.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
329	06/18/2015 22:03	1672.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
330	06/18/2015 22:04	1655.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
331	06/18/2015 22:05	1638.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
332	06/18/2015 22:06	1621.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
333	06/18/2015 22:07	1604.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
334	06/18/2015 22:08	1587.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
335	06/18/2015 22:09	1570.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
336	06/18/2015 22:10	1553.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
337	06/18/2015 22:11	1537.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
338	06/18/2015 22:12	1521.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
339	06/18/2015 22:13	1503.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
340	06/18/2015 22:14	1486.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
341	06/18/2015 22:15	1467.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
342	06/18/2015 22:16	1449.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
343	06/18/2015 22:17	1431.31	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
344	06/18/2015 22:18	1413.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
345	06/18/2015 22:19	1395.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
346	06/18/2015 22:20	1377.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
347	06/18/2015 22:21	1359.63	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
348	06/18/2015 22:22	1341.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
349	06/18/2015 22:23	1324.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
350	06/18/2015 22:24	1306.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
351	06/18/2015 22:25	1288.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
352	06/18/2015 22:26	1270.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
353	06/18/2015 22:27	1252.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
354	06/18/2015 22:28	1235.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
355	06/18/2015 22:29	1217.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
356	06/18/2015 22:30	1200.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
357	06/18/2015 22:31	1182.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
358	06/18/2015 22:32	1165.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
359	06/18/2015 22:33	1147.72	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
360	06/18/2015 22:34	1130.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
361	06/18/2015 22:35	1112.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
362	06/18/2015 22:36	1094.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
363	06/18/2015 22:37	1076.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
364	06/18/2015 22:38	1058.41	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
365	06/18/2015 22:39	1040.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
366	06/18/2015 22:40	1023.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
367	06/18/2015 22:41	1005.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
368	06/18/2015 22:42	988.89	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
369	06/18/2015 22:43	972.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
370	06/18/2015 22:44	955.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
371	06/18/2015 22:45	939.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
372	06/18/2015 22:46	922.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
373	06/18/2015 22:47	906.83	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
374	06/18/2015 22:48	890.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
375	06/18/2015 22:49	874.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
376	06/18/2015 22:50	857.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
377	06/18/2015 22:51	841.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
378	06/18/2015 22:52	824.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
379	06/18/2015 22:53	808.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
380	06/18/2015 22:54	791.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
381	06/18/2015 22:55	774.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
382	06/18/2015 22:56	759.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
383	06/18/2015 22:57	748.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
384	06/18/2015 22:58	737.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
385	06/18/2015 22:59	730.08	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
386	06/18/2015 23:00	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
387	06/18/2015 23:01	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
388	06/18/2015 23:02	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
389	06/18/2015 23:03	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
390	06/18/2015 23:04	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
391	06/18/2015 23:05	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
392	06/18/2015 23:06	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
393	06/18/2015 23:07	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
394	06/18/2015 23:08	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
395	06/18/2015 23:09	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
396	06/18/2015 23:10	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
397	06/18/2015 23:11	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
398	06/18/2015 23:12	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
399	06/18/2015 23:13	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
400	06/18/2015 23:14	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
401	06/18/2015 23:15	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
402	06/18/2015 23:16	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
403	06/18/2015 23:17	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
404	06/18/2015 23:18	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
405	06/18/2015 23:19	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
406	06/18/2015 23:20	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
407	06/18/2015 23:21	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
408	06/18/2015 23:22	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
409	06/18/2015 23:23	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
410	06/18/2015 23:24	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
411	06/18/2015 23:25	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
412	06/18/2015 23:26	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
413	06/18/2015 23:27	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
414	06/18/2015 23:28	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
415	06/18/2015 23:29	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
416	06/18/2015 23:30	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
417	06/18/2015 23:31	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
418	06/18/2015 23:32	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
419	06/18/2015 23:33	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
420	06/18/2015 23:34	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
421	06/18/2015 23:35	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
422	06/18/2015 23:36	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
423	06/18/2015 23:37	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
424	06/18/2015 23:38	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
425	06/18/2015 23:39	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
426	06/18/2015 23:40	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
427	06/18/2015 23:41	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
428	06/18/2015 23:42	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
429	06/18/2015 23:43	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
430	06/18/2015 23:44	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
431	06/18/2015 23:45	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
432	06/18/2015 23:46	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
433	06/18/2015 23:47	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
434	06/18/2015 23:48	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
435	06/18/2015 23:49	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
436	06/18/2015 23:50	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
437	06/18/2015 23:51	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
438	06/18/2015 23:52	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
439	06/18/2015 23:53	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
440	06/18/2015 23:54	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
441	06/18/2015 23:55	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
442	06/18/2015 23:56	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
443	06/18/2015 23:57	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
444	06/18/2015 23:58	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
445	06/18/2015 23:59	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
446	06/19/2015 00:00	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
447	06/19/2015 00:01	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
448	06/19/2015 00:02	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
449	06/19/2015 00:03	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
450	06/19/2015 00:04	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
451	06/19/2015 00:05	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
452	06/19/2015 00:06	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
453	06/19/2015 00:07	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
454	06/19/2015 00:08	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
455	06/19/2015 00:09	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
456	06/19/2015 00:10	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
457	06/19/2015 00:11	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
458	06/19/2015 00:12	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
459	06/19/2015 00:13	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
460	06/19/2015 00:14	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
461	06/19/2015 00:15	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
462	06/19/2015 00:16	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
463	06/19/2015 00:17	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
464	06/19/2015 00:18	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
465	06/19/2015 00:19	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
466	06/19/2015 00:20	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
467	06/19/2015 00:21	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
468	06/19/2015 00:22	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
469	06/19/2015 00:23	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
470	06/19/2015 00:24	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
471	06/19/2015 00:25	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
472	06/19/2015 00:26	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
473	06/19/2015 00:27	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
474	06/19/2015 00:28	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
475	06/19/2015 00:29	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
476	06/19/2015 00:30	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
477	06/19/2015 00:31	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
478	06/19/2015 00:32	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
479	06/19/2015 00:33	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
480	06/19/2015 00:34	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
481	06/19/2015 00:35	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
482	06/19/2015 00:36	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
483	06/19/2015 00:37	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
484	06/19/2015 00:38	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
485	06/19/2015 00:39	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
486	06/19/2015 00:40	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
487	06/19/2015 00:41	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
488	06/19/2015 00:42	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
489	06/19/2015 00:43	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
490	06/19/2015 00:44	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
491	06/19/2015 00:45	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
492	06/19/2015 00:46	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
493	06/19/2015 00:47	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
494	06/19/2015 00:48	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
495	06/19/2015 00:49	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
496	06/19/2015 00:50	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
497	06/19/2015 00:51	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
498	06/19/2015 00:52	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
499	06/19/2015 00:53	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
500	06/19/2015 00:54	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
501	06/19/2015 00:55	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
502	06/19/2015 00:56	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
503	06/19/2015 00:57	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
504	06/19/2015 00:58	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
505	06/19/2015 00:59	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
506	06/19/2015 01:00	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
507	06/19/2015 01:01	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
508	06/19/2015 01:02	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
509	06/19/2015 01:03	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
510	06/19/2015 01:04	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
511	06/19/2015 01:05	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
512	06/19/2015 01:06	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
513	06/19/2015 01:07	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
514	06/19/2015 01:08	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
515	06/19/2015 01:09	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
516	06/19/2015 01:10	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
517	06/19/2015 01:11	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
518	06/19/2015 01:12	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
519	06/19/2015 01:13	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
520	06/19/2015 01:14	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
521	06/19/2015 01:15	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
522	06/19/2015 01:16	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
523	06/19/2015 01:17	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
524	06/19/2015 01:18	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
525	06/19/2015 01:19	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
526	06/19/2015 01:20	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
527	06/19/2015 01:21	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
528	06/19/2015 01:22	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
529	06/19/2015 01:23	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
530	06/19/2015 01:24	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
531	06/19/2015 01:25	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
532	06/19/2015 01:26	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
533	06/19/2015 01:27	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
534	06/19/2015 01:28	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
535	06/19/2015 01:29	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
536	06/19/2015 01:30	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
537	06/19/2015 01:31	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
538	06/19/2015 01:32	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
539	06/19/2015 01:33	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
540	06/19/2015 01:34	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
541	06/19/2015 01:35	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
542	06/19/2015 01:36	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
543	06/19/2015 01:37	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
544	06/19/2015 01:38	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
545	06/19/2015 01:39	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
546	06/19/2015 01:40	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
547	06/19/2015 01:41	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
548	06/19/2015 01:42	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
549	06/19/2015 01:43	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
550	06/19/2015 01:44	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
551	06/19/2015 01:45	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
552	06/19/2015 01:46	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
553	06/19/2015 01:47	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
554	06/19/2015 01:48	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
555	06/19/2015 01:49	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
556	06/19/2015 01:50	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
557	06/19/2015 01:51	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
558	06/19/2015 01:52	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
559	06/19/2015 01:53	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
560	06/19/2015 01:54	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
561	06/19/2015 01:55	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
562	06/19/2015 01:56	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
563	06/19/2015 01:57	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
564	06/19/2015 01:58	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
565	06/19/2015 01:59	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
566	06/19/2015 02:00	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
567	06/19/2015 02:01	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
568	06/19/2015 02:02	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
569	06/19/2015 02:03	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
570	06/19/2015 02:04	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
571	06/19/2015 02:05	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
572	06/19/2015 02:06	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
573	06/19/2015 02:07	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
574	06/19/2015 02:08	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
575	06/19/2015 02:09	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
576	06/19/2015 02:10	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
577	06/19/2015 02:11	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
578	06/19/2015 02:12	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
579	06/19/2015 02:13	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
580	06/19/2015 02:14	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
581	06/19/2015 02:15	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
582	06/19/2015 02:16	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
583	06/19/2015 02:17	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
584	06/19/2015 02:18	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
585	06/19/2015 02:19	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
586	06/19/2015 02:20	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
587	06/19/2015 02:21	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
588	06/19/2015 02:22	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
589	06/19/2015 02:23	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
590	06/19/2015 02:24	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
591	06/19/2015 02:25	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
592	06/19/2015 02:26	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
593	06/19/2015 02:27	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
594	06/19/2015 02:28	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
595	06/19/2015 02:29	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
596	06/19/2015 02:30	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
597	06/19/2015 02:31	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
598	06/19/2015 02:32	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
599	06/19/2015 02:33	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
600	06/19/2015 02:34	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
601	06/19/2015 02:35	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
602	06/19/2015 02:36	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
603	06/19/2015 02:37	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
604	06/19/2015 02:38	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
605	06/19/2015 02:39	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
606	06/19/2015 02:40	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
607	06/19/2015 02:41	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
608	06/19/2015 02:42	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
609	06/19/2015 02:43	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
610	06/19/2015 02:44	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
611	06/19/2015 02:45	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
612	06/19/2015 02:46	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
613	06/19/2015 02:47	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
614	06/19/2015 02:48	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
615	06/19/2015 02:49	729.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
616	06/21/2015 12:12	1708.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
617	06/21/2015 12:13	1701.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
618	06/21/2015 12:14	1693.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
619	06/21/2015 12:15	1685.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
620	06/21/2015 12:16	1676.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
621	06/21/2015 12:17	1667.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
622	06/21/2015 12:18	1657.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
623	06/21/2015 12:19	1647.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
624	06/21/2015 12:20	1637.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
625	06/21/2015 12:21	1627.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
626	06/21/2015 12:22	1617.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
627	06/21/2015 12:23	1607.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
628	06/21/2015 12:24	1597.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
629	06/21/2015 12:25	1586.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
630	06/21/2015 12:26	1576.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
631	06/21/2015 12:27	1566.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
632	06/21/2015 12:28	1557.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
633	06/21/2015 12:29	1548.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
634	06/21/2015 12:30	1539.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
635	06/21/2015 12:31	1530.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
636	06/21/2015 12:32	1520.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
637	06/21/2015 12:33	1509.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
638	06/21/2015 12:34	1499.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
639	06/21/2015 12:35	1488.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
640	06/21/2015 12:36	1478.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
641	06/21/2015 12:37	1467.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
642	06/21/2015 12:38	1457.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
643	06/21/2015 12:39	1446.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
644	06/21/2015 12:40	1434.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
645	06/21/2015 12:41	1422.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
646	06/21/2015 12:42	1410.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
647	06/21/2015 12:43	1398.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
648	06/21/2015 12:44	1385.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
649	06/21/2015 12:45	1373.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
650	06/21/2015 12:46	1361.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
651	06/21/2015 12:47	1349.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
652	06/21/2015 12:48	1336.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
653	06/21/2015 12:49	1324.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
654	06/21/2015 12:50	1311.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
655	06/21/2015 12:51	1298.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
656	06/21/2015 12:52	1285.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
657	06/21/2015 12:53	1271.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
658	06/21/2015 12:54	1257.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
659	06/21/2015 12:55	1243.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
660	06/21/2015 12:56	1229.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
661	06/21/2015 12:57	1214.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
662	06/21/2015 12:58	1200.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
663	06/21/2015 12:59	1186.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
664	06/21/2015 13:00	1173.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
665	06/21/2015 13:01	1160.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
666	06/21/2015 13:02	1146.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
667	06/21/2015 13:03	1130.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
668	06/21/2015 13:04	1113.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
669	06/21/2015 13:05	1095.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
670	06/21/2015 13:06	1080.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
671	06/21/2015 13:07	1065.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
672	06/21/2015 13:08	1050.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
673	06/21/2015 13:09	1038.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
674	06/21/2015 13:10	1027.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
675	06/21/2015 13:11	1016.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
676	06/21/2015 13:12	1006.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
677	06/21/2015 13:13	997.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
678	06/21/2015 13:14	989.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
679	06/21/2015 13:15	981.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
680	06/21/2015 13:16	973.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
681	06/21/2015 13:17	966.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
682	06/21/2015 13:18	958.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
683	06/21/2015 13:19	952.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
684	06/21/2015 13:20	945.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
685	06/21/2015 13:21	939.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
686	06/21/2015 13:22	932.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
687	06/21/2015 13:23	926.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
688	06/21/2015 13:24	919.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
689	06/21/2015 13:25	913.98	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
690	06/21/2015 13:26	908.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
691	06/21/2015 13:27	902.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
692	06/21/2015 13:28	896.39	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
693	06/21/2015 13:29	890.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
694	06/21/2015 13:30	884.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
695	06/21/2015 13:31	878.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
696	06/21/2015 13:32	872.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
697	06/21/2015 13:33	866.98	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
698	06/21/2015 13:34	861.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
699	06/21/2015 13:35	856.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
700	06/21/2015 13:36	850.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
701	06/21/2015 13:37	845.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
702	06/21/2015 13:38	840.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
703	06/21/2015 13:39	835.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
704	06/21/2015 13:40	830.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
705	06/21/2015 13:41	826.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
706	06/21/2015 13:42	821.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
707	06/21/2015 13:43	817.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
708	06/21/2015 13:44	813.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
709	06/21/2015 13:45	809.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
710	06/21/2015 13:46	805.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
711	06/21/2015 13:47	801.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
712	06/21/2015 13:48	798.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
713	06/21/2015 13:49	795.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
714	06/21/2015 13:50	792.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
715	06/21/2015 13:51	789.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
716	06/21/2015 13:52	786.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
717	06/21/2015 13:53	783.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
718	06/21/2015 13:54	780.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
719	06/21/2015 13:55	777.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
720	06/21/2015 13:56	774.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
721	06/21/2015 13:57	771.45	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
722	06/21/2015 13:58	768.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
723	06/21/2015 13:59	766.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
724	06/21/2015 14:00	763.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
725	06/21/2015 14:01	761.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
726	06/21/2015 14:02	758.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
727	06/21/2015 14:03	756.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
728	06/21/2015 14:04	754.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
729	06/21/2015 14:05	752.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
730	06/21/2015 14:06	750.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
731	06/21/2015 14:07	749.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
732	06/21/2015 14:08	747.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
733	06/21/2015 14:09	746.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
734	06/21/2015 14:10	745.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
735	06/21/2015 14:11	744.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
736	06/21/2015 14:12	743.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
737	06/21/2015 14:13	742.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
738	06/21/2015 14:14	742.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
739	06/21/2015 14:15	741.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
740	06/21/2015 14:16	740.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
741	06/21/2015 14:17	739.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
742	06/21/2015 14:18	739.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
743	06/21/2015 14:19	738.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
744	06/21/2015 14:20	737.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
745	06/21/2015 14:21	737.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
746	06/21/2015 14:22	736.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
747	06/21/2015 14:23	735.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
748	06/21/2015 14:24	735.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
749	06/21/2015 14:25	734.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
750	06/21/2015 14:26	734.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
751	06/21/2015 14:27	733.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
752	06/21/2015 14:28	733.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
753	06/21/2015 14:29	732.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
754	06/21/2015 14:30	732.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
755	06/21/2015 14:31	731.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
756	06/21/2015 14:32	731.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
757	06/21/2015 14:33	731.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
758	06/21/2015 14:34	730.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
759	06/21/2015 14:35	730.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
760	06/21/2015 14:36	730.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
761	06/21/2015 14:37	730.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
762	06/21/2015 14:38	730.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
763	06/21/2015 14:39	730.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
764	06/21/2015 14:40	730.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
765	06/21/2015 14:41	730.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
766	06/21/2015 14:42	730.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
767	06/21/2015 14:43	730.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
768	06/21/2015 14:44	731.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
769	06/21/2015 14:45	732.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
770	06/21/2015 14:46	732.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
771	06/21/2015 14:47	733.75	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
772	06/21/2015 14:48	734.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
773	06/21/2015 14:49	734.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
774	06/21/2015 14:50	735.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
775	06/21/2015 14:51	736.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
776	06/21/2015 14:52	738.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
777	06/21/2015 14:53	740.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
778	06/21/2015 14:54	743.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
779	06/21/2015 14:55	746.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
780	06/21/2015 14:56	750.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
781	06/21/2015 14:57	753.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
782	06/21/2015 14:58	757.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
783	06/21/2015 14:59	761.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
784	06/21/2015 15:00	766.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
785	06/21/2015 15:01	770.95	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
786	06/21/2015 15:02	775.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
787	06/21/2015 15:03	780.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
788	06/21/2015 15:04	785.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
789	06/21/2015 15:05	790.55	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
790	06/21/2015 15:06	795.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
791	06/21/2015 15:07	801.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
792	06/21/2015 15:08	806.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
793	06/21/2015 15:09	811.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
794	06/21/2015 15:10	816.92	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
795	06/21/2015 15:11	821.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
796	06/21/2015 15:12	826.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
797	06/21/2015 15:13	831.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
798	06/21/2015 15:14	836.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
799	06/21/2015 15:15	842.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
800	06/21/2015 15:16	847.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
801	06/21/2015 15:17	852.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
802	06/21/2015 15:18	858.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
803	06/21/2015 15:19	863.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
804	06/21/2015 15:20	869.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
805	06/21/2015 15:21	874.83	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
806	06/21/2015 15:22	880.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
807	06/21/2015 15:23	886.23	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
808	06/21/2015 15:24	892.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
809	06/21/2015 15:25	898.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
810	06/21/2015 15:26	904.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
811	06/21/2015 15:27	910.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
812	06/21/2015 15:28	916.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
813	06/21/2015 15:29	922.70	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
814	06/21/2015 15:30	928.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
815	06/21/2015 15:31	934.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
816	06/21/2015 15:32	941.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
817	06/21/2015 15:33	947.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
818	06/21/2015 15:34	953.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
819	06/21/2015 15:35	959.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
820	06/21/2015 15:36	966.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
821	06/21/2015 15:37	972.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
822	06/21/2015 15:38	979.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
823	06/21/2015 15:39	985.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
824	06/21/2015 15:40	992.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
825	06/21/2015 15:41	998.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
826	06/21/2015 15:42	1004.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
827	06/21/2015 15:43	1011.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
828	06/21/2015 15:44	1017.77	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
829	06/21/2015 15:45	1023.95	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
830	06/21/2015 15:46	1030.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
831	06/21/2015 15:47	1036.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
832	06/21/2015 15:48	1042.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
833	06/21/2015 15:49	1049.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
834	06/21/2015 15:50	1055.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
835	06/21/2015 15:51	1061.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
836	06/21/2015 15:52	1066.63	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
837	06/21/2015 15:53	1071.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
838	06/21/2015 15:54	1075.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
839	06/21/2015 15:55	1080.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
840	06/21/2015 15:56	1084.19	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
841	06/21/2015 15:57	1088.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
842	06/21/2015 15:58	1092.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
843	06/21/2015 15:59	1095.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
844	06/21/2015 16:00	1099.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
845	06/21/2015 16:01	1102.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
846	06/21/2015 16:02	1105.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
847	06/21/2015 16:03	1108.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
848	06/21/2015 16:04	1111.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
849	06/21/2015 16:05	1114.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
850	06/21/2015 16:06	1117.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
851	06/21/2015 16:07	1120.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
852	06/21/2015 16:08	1123.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
853	06/21/2015 16:09	1126.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
854	06/21/2015 16:10	1129.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
855	06/21/2015 16:11	1132.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
856	06/21/2015 16:12	1135.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
857	06/21/2015 16:13	1139.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
858	06/21/2015 16:14	1142.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
859	06/21/2015 16:15	1145.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
860	06/21/2015 16:16	1148.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
861	06/21/2015 16:17	1150.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
862	06/21/2015 16:18	1153.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
863	06/21/2015 16:19	1156.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
864	06/21/2015 16:20	1159.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
865	06/21/2015 16:21	1162.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
866	06/21/2015 16:22	1165.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
867	06/21/2015 16:23	1168.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
868	06/21/2015 16:24	1170.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
869	06/21/2015 16:25	1172.91	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
870	06/21/2015 16:26	1175.13	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
871	06/21/2015 16:27	1177.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
872	06/21/2015 16:28	1179.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
873	06/21/2015 16:29	1181.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
874	06/21/2015 16:30	1184.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
875	06/21/2015 16:31	1186.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
876	06/21/2015 16:32	1188.34	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
877	06/21/2015 16:33	1190.28	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
878	06/21/2015 16:34	1192.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
879	06/21/2015 16:35	1194.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
880	06/21/2015 16:36	1195.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
881	06/21/2015 16:37	1197.22	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
882	06/21/2015 16:38	1198.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
883	06/21/2015 16:39	1200.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
884	06/21/2015 16:40	1202.31	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
885	06/21/2015 16:41	1204.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
886	06/21/2015 16:42	1205.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
887	06/21/2015 16:43	1207.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
888	06/21/2015 16:44	1209.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
889	06/21/2015 16:45	1210.56	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
890	06/21/2015 16:46	1212.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
891	06/21/2015 16:47	1213.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
892	06/21/2015 16:48	1214.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
893	06/21/2015 16:49	1215.78	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
894	06/21/2015 16:50	1216.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
895	06/21/2015 16:51	1217.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
896	06/21/2015 16:52	1218.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

Temperature is Report on a One Hour Average

SCC Temperature < 1710

SCC Temperature must be > 1710 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?
897	06/21/2015 16:53	1220.03	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
898	06/21/2015 16:54	1221.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
899	06/21/2015 16:55	1221.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
900	06/21/2015 16:56	1222.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
901	06/21/2015 16:57	1222.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
902	06/21/2015 16:58	1223.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
		902	Total Minutes in Exceedance				
		6	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				
04/02/2015 03:12	10.9	58	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.
04/05/2015 07:41	12.1	58	Operator Error Feed Prep	Restarted unit. Re-trained operator.
04/07/2015 19:07	18.6	60	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.
04/08/2015 15:25	13.3	45	Operator Error Line Flush	Restarted unit. Re-trained operator.
04/16/2015 06:44	11.7	66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
04/17/2015 20:00	10.2	13	Operator Error Feed Mix	Restarted unit. Spaced out feeds.
04/20/2015 18:56	18.4	60	Malfunction Line Plugging	Cleared line. Restarted unit.
04/24/2015 21:41	10.1	2	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.
04/26/2015 15:25	33.3	64	Operator Error Feed Prep	Reduced charges. Restarted unit.
05/02/2015 19:54	14.0	59	Malfunction Lance Purging	Cleared line. Restarted unit.
05/06/2015 14:17	15.9	60	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
05/13/2015 03:11	14.5	58	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
05/13/2015 14:56	13.9	46	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.
05/16/2015 17:17	23.3	60	Operator Error Feed Prep	Reduced charges. Restarted unit.
05/27/2015 16:13	19.6	60	Malfunction ID Fan Shutdown	Restarted unit.
05/28/2015 19:45	20.8	60	Malfunction Clinker Fell	Restarted unit.
06/03/2015 00:38	10.8	56	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.
06/18/2015 21:59	149.5	255	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.
06/21/2015 13:01	11.7	9	Malfunction Instrument	Repaired instrument. Restarted unit.
06/21/2015 13:20	25.5	96	Malfunction Instrument	Repaired instrument. Restarted unit.
06/27/2015 17:23	10.9	18	Malfunction Lance Plugging	Cleared lance. Restarted unit.
		1263	Total Minutes	
Fuels				
04/23/2015 00:27	12.3	1	Shutdown ESP Problems	Adjusted burner
04/23/2015 00:51	20.1	91	Shutdown ESP Problems	Adjusted burner
05/29/2015 11:44	10.5	7	Shutdown SCC inspection	Adjusted burner
05/29/2015 12:04	11.7	42	Shutdown SCC inspection	Adjusted burner
06/20/2015 20:47	15.7	43	Startup Boiler Tube Outage	Adjusted burner
		184	Total Minutes	

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	04/02/2015 03:12	10.67	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Waste	Yes	Yes
2	04/02/2015 03:13	10.85	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
3	04/02/2015 03:14	10.91	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
4	04/02/2015 03:15	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
5	04/02/2015 03:16	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
6	04/02/2015 03:17	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
7	04/02/2015 03:18	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
8	04/02/2015 03:19	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
9	04/02/2015 03:20	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
10	04/02/2015 03:21	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
11	04/02/2015 03:22	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
12	04/02/2015 03:23	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
13	04/02/2015 03:24	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
14	04/02/2015 03:25	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
15	04/02/2015 03:26	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
16	04/02/2015 03:27	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
17	04/02/2015 03:28	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
18	04/02/2015 03:29	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
19	04/02/2015 03:30	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
20	04/02/2015 03:31	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
21	04/02/2015 03:32	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
22	04/02/2015 03:33	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
23	04/02/2015 03:34	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
24	04/02/2015 03:35	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
25	04/02/2015 03:36	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
26	04/02/2015 03:37	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
27	04/02/2015 03:38	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
28	04/02/2015 03:39	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
29	04/02/2015 03:40	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
30	04/02/2015 03:41	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
31	04/02/2015 03:42	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
32	04/02/2015 03:43	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
33	04/02/2015 03:44	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
34	04/02/2015 03:45	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
35	04/02/2015 03:46	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
36	04/02/2015 03:47	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
37	04/02/2015 03:48	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
38	04/02/2015 03:49	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
39	04/02/2015 03:50	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
40	04/02/2015 03:51	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
41	04/02/2015 03:52	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
42	04/02/2015 03:53	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
43	04/02/2015 03:54	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
44	04/02/2015 03:55	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
45	04/02/2015 03:56	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
46	04/02/2015 03:57	10.92	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
47	04/02/2015 03:58	10.93	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
48	04/02/2015 03:59	10.93	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
49	04/02/2015 04:00	10.93	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
50	04/02/2015 04:01	10.93	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
51	04/02/2015 04:02	10.93	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
52	04/02/2015 04:03	10.94	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
53	04/02/2015 04:04	10.94	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
54	04/02/2015 04:05	10.94	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
55	04/02/2015 04:06	10.94	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
56	04/02/2015 04:07	10.94	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
57	04/02/2015 04:08	10.94	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
58	04/02/2015 04:09	10.57	Malfunction Customer Packaging Error	Restarted unit. Contacted customer.	Retention	Yes	Yes
59	04/05/2015 07:41	11.45	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Waste	Yes	Yes
60	04/05/2015 07:42	11.98	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
61	04/05/2015 07:43	12.11	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
62	04/05/2015 07:44	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
63	04/05/2015 07:45	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
64	04/05/2015 07:46	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
65	04/05/2015 07:47	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
66	04/05/2015 07:48	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
67	04/05/2015 07:49	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
68	04/05/2015 07:50	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
69	04/05/2015 07:51	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	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	04/05/2015 07:52	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
71	04/05/2015 07:53	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
72	04/05/2015 07:54	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
73	04/05/2015 07:55	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
74	04/05/2015 07:56	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
75	04/05/2015 07:57	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
76	04/05/2015 07:58	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
77	04/05/2015 07:59	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
78	04/05/2015 08:00	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
79	04/05/2015 08:01	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
80	04/05/2015 08:02	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
81	04/05/2015 08:03	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
82	04/05/2015 08:04	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
83	04/05/2015 08:05	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
84	04/05/2015 08:06	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
85	04/05/2015 08:07	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
86	04/05/2015 08:08	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
87	04/05/2015 08:09	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
88	04/05/2015 08:10	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
89	04/05/2015 08:11	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
90	04/05/2015 08:12	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
91	04/05/2015 08:13	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
92	04/05/2015 08:14	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
93	04/05/2015 08:15	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
94	04/05/2015 08:16	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
95	04/05/2015 08:17	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
96	04/05/2015 08:18	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
97	04/05/2015 08:19	12.13	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
98	04/05/2015 08:20	11.98	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
99	04/05/2015 08:21	11.95	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
100	04/05/2015 08:22	11.91	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
101	04/05/2015 08:23	11.77	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
102	04/05/2015 08:24	11.42	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
103	04/05/2015 08:25	11.02	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
104	04/05/2015 08:26	10.71	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
105	04/05/2015 08:27	10.55	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
106	04/05/2015 08:28	10.37	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
107	04/05/2015 08:29	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
108	04/05/2015 08:30	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
109	04/05/2015 08:31	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
110	04/05/2015 08:32	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
111	04/05/2015 08:33	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
112	04/05/2015 08:34	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
113	04/05/2015 08:35	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
114	04/05/2015 08:36	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
115	04/05/2015 08:37	10.34	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
116	04/05/2015 08:38	10.30	Operator Error Feed Prep	Restarted unit. Re-trained operator.	Retention	Yes	Yes
117	04/07/2015 19:07	11.29	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Waste	Yes	Yes
118	04/07/2015 19:08	16.28	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
119	04/07/2015 19:09	18.17	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
120	04/07/2015 19:10	18.57	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
121	04/07/2015 19:11	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
122	04/07/2015 19:12	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
123	04/07/2015 19:13	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
124	04/07/2015 19:14	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
125	04/07/2015 19:15	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
126	04/07/2015 19:16	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
127	04/07/2015 19:17	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
128	04/07/2015 19:18	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
129	04/07/2015 19:19	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
130	04/07/2015 19:20	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
131	04/07/2015 19:21	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
132	04/07/2015 19:22	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
133	04/07/2015 19:23	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
134	04/07/2015 19:24	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
135	04/07/2015 19:25	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
136	04/07/2015 19:26	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
137	04/07/2015 19:27	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
138	04/07/2015 19:28	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	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	04/07/2015 19:29	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
140	04/07/2015 19:30	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
141	04/07/2015 19:31	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
142	04/07/2015 19:32	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
143	04/07/2015 19:33	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
144	04/07/2015 19:34	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
145	04/07/2015 19:35	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
146	04/07/2015 19:36	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
147	04/07/2015 19:37	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
148	04/07/2015 19:38	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
149	04/07/2015 19:39	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
150	04/07/2015 19:40	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
151	04/07/2015 19:41	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
152	04/07/2015 19:42	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
153	04/07/2015 19:43	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
154	04/07/2015 19:44	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
155	04/07/2015 19:45	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
156	04/07/2015 19:46	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
157	04/07/2015 19:47	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
158	04/07/2015 19:48	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
159	04/07/2015 19:49	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
160	04/07/2015 19:50	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
161	04/07/2015 19:51	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
162	04/07/2015 19:52	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
163	04/07/2015 19:53	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
164	04/07/2015 19:54	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
165	04/07/2015 19:55	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
166	04/07/2015 19:56	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
167	04/07/2015 19:57	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
168	04/07/2015 19:58	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
169	04/07/2015 19:59	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
170	04/07/2015 20:00	18.65	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
171	04/07/2015 20:01	18.42	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
172	04/07/2015 20:02	18.39	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
173	04/07/2015 20:03	18.39	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
174	04/07/2015 20:04	18.39	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
175	04/07/2015 20:05	18.39	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
176	04/07/2015 20:06	15.45	Operator Error Feed Prep	Restarted unit. Re-trained scheduler.	Retention	Yes	Yes
177	04/08/2015 15:25	10.51	Operator Error Line Flush	Restarted unit. Re-trained operator.	Waste	Yes	Yes
178	04/08/2015 15:26	12.53	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
179	04/08/2015 15:27	13.18	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
180	04/08/2015 15:28	13.27	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
181	04/08/2015 15:29	13.27	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
182	04/08/2015 15:30	13.26	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
183	04/08/2015 15:31	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
184	04/08/2015 15:32	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
185	04/08/2015 15:33	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
186	04/08/2015 15:34	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
187	04/08/2015 15:35	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
188	04/08/2015 15:36	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
189	04/08/2015 15:37	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
190	04/08/2015 15:38	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
191	04/08/2015 15:39	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
192	04/08/2015 15:40	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
193	04/08/2015 15:41	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
194	04/08/2015 15:42	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
195	04/08/2015 15:43	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
196	04/08/2015 15:44	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
197	04/08/2015 15:45	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
198	04/08/2015 15:46	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
199	04/08/2015 15:47	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
200	04/08/2015 15:48	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
201	04/08/2015 15:49	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
202	04/08/2015 15:50	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
203	04/08/2015 15:51	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
204	04/08/2015 15:52	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
205	04/08/2015 15:53	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
206	04/08/2015 15:54	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
207	04/08/2015 15:55	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	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	04/08/2015 15:56	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
209	04/08/2015 15:57	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
210	04/08/2015 15:58	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
211	04/08/2015 15:59	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
212	04/08/2015 16:00	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
213	04/08/2015 16:01	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
214	04/08/2015 16:02	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
215	04/08/2015 16:03	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
216	04/08/2015 16:04	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
217	04/08/2015 16:05	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
218	04/08/2015 16:06	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
219	04/08/2015 16:07	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
220	04/08/2015 16:08	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
221	04/08/2015 16:09	13.20	Operator Error Line Flush	Restarted unit. Re-trained operator.	Retention	Yes	Yes
222	04/16/2015 06:44	11.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
223	04/16/2015 06:45	11.64	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
224	04/16/2015 06:46	11.73	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
225	04/16/2015 06:47	11.75	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
226	04/16/2015 06:48	11.75	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
227	04/16/2015 06:49	11.75	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
228	04/16/2015 06:50	11.75	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
229	04/16/2015 06:51	11.74	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
230	04/16/2015 06:52	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
231	04/16/2015 06:53	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
232	04/16/2015 06:54	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
233	04/16/2015 06:55	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
234	04/16/2015 06:56	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
235	04/16/2015 06:57	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
236	04/16/2015 06:58	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
237	04/16/2015 06:59	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
238	04/16/2015 07:00	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
239	04/16/2015 07:01	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
240	04/16/2015 07:02	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
241	04/16/2015 07:03	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
242	04/16/2015 07:04	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
243	04/16/2015 07:05	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
244	04/16/2015 07:06	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
245	04/16/2015 07:07	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
246	04/16/2015 07:08	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
247	04/16/2015 07:09	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
248	04/16/2015 07:10	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
249	04/16/2015 07:11	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
250	04/16/2015 07:12	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
251	04/16/2015 07:13	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
252	04/16/2015 07:14	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
253	04/16/2015 07:15	11.66	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
254	04/16/2015 07:16	11.64	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
255	04/16/2015 07:17	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
256	04/16/2015 07:18	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
257	04/16/2015 07:19	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
258	04/16/2015 07:20	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
259	04/16/2015 07:21	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
260	04/16/2015 07:22	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
261	04/16/2015 07:23	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
262	04/16/2015 07:24	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
263	04/16/2015 07:25	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
264	04/16/2015 07:26	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
265	04/16/2015 07:27	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
266	04/16/2015 07:28	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
267	04/16/2015 07:29	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
268	04/16/2015 07:30	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
269	04/16/2015 07:31	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
270	04/16/2015 07:32	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
271	04/16/2015 07:33	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
272	04/16/2015 07:34	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
273	04/16/2015 07:35	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
274	04/16/2015 07:36	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
275	04/16/2015 07:37	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
276	04/16/2015 07:38	11.63	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?
277	04/16/2015 07:39	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
278	04/16/2015 07:40	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
279	04/16/2015 07:41	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
280	04/16/2015 07:42	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
281	04/16/2015 07:43	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
282	04/16/2015 07:44	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
283	04/16/2015 07:45	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
284	04/16/2015 07:46	11.63	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
285	04/16/2015 07:47	11.55	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
286	04/16/2015 07:48	11.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
287	04/16/2015 07:49	11.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
288	04/17/2015 20:00	10.13	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
289	04/17/2015 20:01	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
290	04/17/2015 20:02	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
291	04/17/2015 20:03	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
292	04/17/2015 20:04	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
293	04/17/2015 20:05	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
294	04/17/2015 20:06	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
295	04/17/2015 20:07	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
296	04/17/2015 20:08	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
297	04/17/2015 20:09	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
298	04/17/2015 20:10	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
299	04/17/2015 20:11	10.25	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
300	04/17/2015 20:12	10.04	Operator Error Feed Mix	Restarted unit. Spaced out feeds.	Retention	Yes	Yes
301	04/20/2015 18:56	12.61	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
302	04/20/2015 18:57	16.43	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
303	04/20/2015 18:58	17.88	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
304	04/20/2015 18:59	18.15	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
305	04/20/2015 19:00	18.22	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
306	04/20/2015 19:01	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
307	04/20/2015 19:02	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
308	04/20/2015 19:03	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
309	04/20/2015 19:04	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
310	04/20/2015 19:05	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
311	04/20/2015 19:06	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
312	04/20/2015 19:07	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
313	04/20/2015 19:08	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
314	04/20/2015 19:09	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
315	04/20/2015 19:10	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
316	04/20/2015 19:11	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
317	04/20/2015 19:12	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
318	04/20/2015 19:13	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
319	04/20/2015 19:14	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
320	04/20/2015 19:15	18.23	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
321	04/20/2015 19:16	18.31	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
322	04/20/2015 19:17	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
323	04/20/2015 19:18	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
324	04/20/2015 19:19	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
325	04/20/2015 19:20	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
326	04/20/2015 19:21	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
327	04/20/2015 19:22	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
328	04/20/2015 19:23	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
329	04/20/2015 19:24	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
330	04/20/2015 19:25	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
331	04/20/2015 19:26	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
332	04/20/2015 19:27	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
333	04/20/2015 19:28	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
334	04/20/2015 19:29	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
335	04/20/2015 19:30	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
336	04/20/2015 19:31	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
337	04/20/2015 19:32	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
338	04/20/2015 19:33	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
339	04/20/2015 19:34	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
340	04/20/2015 19:35	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
341	04/20/2015 19:36	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
342	04/20/2015 19:37	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
343	04/20/2015 19:38	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
344	04/20/2015 19:39	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
345	04/20/2015 19:40	18.36	Malfunction Line Plugging	Cleared line. 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?
346	04/20/2015 19:41	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
347	04/20/2015 19:42	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
348	04/20/2015 19:43	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
349	04/20/2015 19:44	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
350	04/20/2015 19:45	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
351	04/20/2015 19:46	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
352	04/20/2015 19:47	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
353	04/20/2015 19:48	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
354	04/20/2015 19:49	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
355	04/20/2015 19:50	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
356	04/20/2015 19:51	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
357	04/20/2015 19:52	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
358	04/20/2015 19:53	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
359	04/20/2015 19:54	18.36	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
360	04/20/2015 19:55	16.96	Malfunction Line Plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
361	04/24/2015 21:41	10.07	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
362	04/24/2015 21:42	10.04	Shutdown ESP Ground Wire	Shutdown unit. Repaired ground.	Retention	Yes	Yes
363	04/26/2015 15:25	11.62	Operator Error Feed Prep	Reduced charges. Restarted unit.	Waste	Yes	Yes
364	04/26/2015 15:26	15.83	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
365	04/26/2015 15:27	17.19	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
366	04/26/2015 15:28	22.01	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
367	04/26/2015 15:29	29.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
368	04/26/2015 15:30	32.46	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
369	04/26/2015 15:31	33.21	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
370	04/26/2015 15:32	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
371	04/26/2015 15:33	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
372	04/26/2015 15:34	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
373	04/26/2015 15:35	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
374	04/26/2015 15:36	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
375	04/26/2015 15:37	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
376	04/26/2015 15:38	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
377	04/26/2015 15:39	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
378	04/26/2015 15:40	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
379	04/26/2015 15:41	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
380	04/26/2015 15:42	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
381	04/26/2015 15:43	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
382	04/26/2015 15:44	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
383	04/26/2015 15:45	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
384	04/26/2015 15:46	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
385	04/26/2015 15:47	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
386	04/26/2015 15:48	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
387	04/26/2015 15:49	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
388	04/26/2015 15:50	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
389	04/26/2015 15:51	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
390	04/26/2015 15:52	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
391	04/26/2015 15:53	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
392	04/26/2015 15:54	33.34	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
393	04/26/2015 15:55	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
394	04/26/2015 15:56	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
395	04/26/2015 15:57	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
396	04/26/2015 15:58	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
397	04/26/2015 15:59	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
398	04/26/2015 16:00	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
399	04/26/2015 16:01	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
400	04/26/2015 16:02	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
401	04/26/2015 16:03	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
402	04/26/2015 16:04	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
403	04/26/2015 16:05	33.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
404	04/26/2015 16:06	32.85	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
405	04/26/2015 16:07	32.36	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
406	04/26/2015 16:08	32.01	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
407	04/26/2015 16:09	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
408	04/26/2015 16:10	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
409	04/26/2015 16:11	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
410	04/26/2015 16:12	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
411	04/26/2015 16:13	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
412	04/26/2015 16:14	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
413	04/26/2015 16:15	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
414	04/26/2015 16:16	31.86	Operator Error Feed Prep	Reduced charges. 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?
415	04/26/2015 16:17	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
416	04/26/2015 16:18	31.86	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
417	04/26/2015 16:19	31.85	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
418	04/26/2015 16:20	31.73	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
419	04/26/2015 16:21	29.96	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
420	04/26/2015 16:22	28.98	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
421	04/26/2015 16:23	28.37	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
422	04/26/2015 16:24	28.18	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
423	04/26/2015 16:25	21.72	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
424	04/26/2015 16:26	17.51	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
425	04/26/2015 16:27	16.15	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
426	04/26/2015 16:28	11.33	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
427	05/02/2015 19:54	12.40	Malfunction Lance Purging	Cleared line. Restarted unit.	Waste	Yes	Yes
428	05/02/2015 19:55	13.97	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
429	05/02/2015 19:56	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
430	05/02/2015 19:57	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
431	05/02/2015 19:58	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
432	05/02/2015 19:59	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
433	05/02/2015 20:00	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
434	05/02/2015 20:01	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
435	05/02/2015 20:02	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
436	05/02/2015 20:03	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
437	05/02/2015 20:04	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
438	05/02/2015 20:05	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
439	05/02/2015 20:06	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
440	05/02/2015 20:07	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
441	05/02/2015 20:08	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
442	05/02/2015 20:09	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
443	05/02/2015 20:10	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
444	05/02/2015 20:11	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
445	05/02/2015 20:12	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
446	05/02/2015 20:13	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
447	05/02/2015 20:14	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
448	05/02/2015 20:15	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
449	05/02/2015 20:16	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
450	05/02/2015 20:17	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
451	05/02/2015 20:18	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
452	05/02/2015 20:19	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
453	05/02/2015 20:20	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
454	05/02/2015 20:21	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
455	05/02/2015 20:22	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
456	05/02/2015 20:23	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
457	05/02/2015 20:24	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
458	05/02/2015 20:25	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
459	05/02/2015 20:26	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
460	05/02/2015 20:27	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
461	05/02/2015 20:28	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
462	05/02/2015 20:29	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
463	05/02/2015 20:30	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
464	05/02/2015 20:31	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
465	05/02/2015 20:32	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
466	05/02/2015 20:33	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
467	05/02/2015 20:34	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
468	05/02/2015 20:35	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
469	05/02/2015 20:36	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
470	05/02/2015 20:37	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
471	05/02/2015 20:38	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
472	05/02/2015 20:39	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
473	05/02/2015 20:40	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
474	05/02/2015 20:41	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
475	05/02/2015 20:42	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
476	05/02/2015 20:43	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
477	05/02/2015 20:44	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
478	05/02/2015 20:45	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
479	05/02/2015 20:46	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
480	05/02/2015 20:47	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
481	05/02/2015 20:48	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
482	05/02/2015 20:49	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
483	05/02/2015 20:50	13.99	Malfunction Lance Purging	Cleared line. 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?
484	05/02/2015 20:51	13.99	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
485	05/02/2015 20:52	13.07	Malfunction Lance Purging	Cleared line. Restarted unit.	Retention	Yes	Yes
486	05/06/2015 14:17	11.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
487	05/06/2015 14:18	14.61	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
488	05/06/2015 14:19	15.53	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
489	05/06/2015 14:20	15.79	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
490	05/06/2015 14:21	15.88	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
491	05/06/2015 14:22	15.90	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
492	05/06/2015 14:23	15.91	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
493	05/06/2015 14:24	15.91	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
494	05/06/2015 14:25	15.89	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
495	05/06/2015 14:26	15.73	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
496	05/06/2015 14:27	15.59	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
497	05/06/2015 14:28	15.52	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
498	05/06/2015 14:29	15.47	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
499	05/06/2015 14:30	15.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
500	05/06/2015 14:31	15.40	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
501	05/06/2015 14:32	15.34	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
502	05/06/2015 14:33	15.33	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
503	05/06/2015 14:34	15.33	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
504	05/06/2015 14:35	15.33	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
505	05/06/2015 14:36	14.58	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
506	05/06/2015 14:37	13.94	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
507	05/06/2015 14:38	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
508	05/06/2015 14:39	14.07	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
509	05/06/2015 14:40	14.12	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
510	05/06/2015 14:41	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
511	05/06/2015 14:42	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
512	05/06/2015 14:43	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
513	05/06/2015 14:44	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
514	05/06/2015 14:45	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
515	05/06/2015 14:46	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
516	05/06/2015 14:47	14.20	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
517	05/06/2015 14:48	14.20	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
518	05/06/2015 14:49	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
519	05/06/2015 14:50	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
520	05/06/2015 14:51	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
521	05/06/2015 14:52	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
522	05/06/2015 14:53	14.21	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
523	05/06/2015 14:54	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
524	05/06/2015 14:55	14.14	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
525	05/06/2015 14:56	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
526	05/06/2015 14:57	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
527	05/06/2015 14:58	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
528	05/06/2015 14:59	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
529	05/06/2015 15:00	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
530	05/06/2015 15:01	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
531	05/06/2015 15:02	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
532	05/06/2015 15:03	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
533	05/06/2015 15:04	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
534	05/06/2015 15:05	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
535	05/06/2015 15:06	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
536	05/06/2015 15:07	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
537	05/06/2015 15:08	14.15	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
538	05/06/2015 15:09	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
539	05/06/2015 15:10	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
540	05/06/2015 15:11	14.16	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
541	05/06/2015 15:12	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
542	05/06/2015 15:13	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
543	05/06/2015 15:14	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
544	05/06/2015 15:15	14.18	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
545	05/06/2015 15:16	14.17	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
546	05/13/2015 03:11	13.19	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
547	05/13/2015 03:12	14.11	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
548	05/13/2015 03:13	14.35	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
549	05/13/2015 03:14	14.38	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
550	05/13/2015 03:15	14.37	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
551	05/13/2015 03:16	14.37	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
552	05/13/2015 03:17	14.38	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes

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

Emissions Limits:
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THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
553	05/13/2015 03:18	14.38	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
554	05/13/2015 03:19	14.45	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
555	05/13/2015 03:20	14.47	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
556	05/13/2015 03:21	14.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
557	05/13/2015 03:22	14.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
558	05/13/2015 03:23	14.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
559	05/13/2015 03:24	14.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
560	05/13/2015 03:25	14.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
561	05/13/2015 03:26	14.48	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
562	05/13/2015 03:27	14.49	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
563	05/13/2015 03:28	14.50	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
564	05/13/2015 03:29	14.50	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
565	05/13/2015 03:30	14.51	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
566	05/13/2015 03:31	14.52	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
567	05/13/2015 03:32	14.53	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
568	05/13/2015 03:33	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
569	05/13/2015 03:34	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
570	05/13/2015 03:35	14.53	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
571	05/13/2015 03:36	14.53	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
572	05/13/2015 03:37	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
573	05/13/2015 03:38	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
574	05/13/2015 03:39	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
575	05/13/2015 03:40	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
576	05/13/2015 03:41	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
577	05/13/2015 03:42	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
578	05/13/2015 03:43	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
579	05/13/2015 03:44	14.54	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
580	05/13/2015 03:45	14.24	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
581	05/13/2015 03:46	14.01	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
582	05/13/2015 03:47	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
583	05/13/2015 03:48	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
584	05/13/2015 03:49	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
585	05/13/2015 03:50	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
586	05/13/2015 03:51	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
587	05/13/2015 03:52	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
588	05/13/2015 03:53	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
589	05/13/2015 03:54	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
590	05/13/2015 03:55	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
591	05/13/2015 03:56	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
592	05/13/2015 03:57	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
593	05/13/2015 03:58	13.97	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
594	05/13/2015 03:59	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
595	05/13/2015 04:00	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
596	05/13/2015 04:01	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
597	05/13/2015 04:02	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
598	05/13/2015 04:03	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
599	05/13/2015 04:04	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
600	05/13/2015 04:05	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
601	05/13/2015 04:06	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
602	05/13/2015 04:07	13.96	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
603	05/13/2015 04:08	10.85	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
604	05/13/2015 14:56	10.29	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Waste	Yes	Yes
605	05/13/2015 14:57	11.23	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
606	05/13/2015 14:58	12.94	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
607	05/13/2015 14:59	13.27	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
608	05/13/2015 15:00	13.48	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
609	05/13/2015 15:01	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
610	05/13/2015 15:02	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
611	05/13/2015 15:03	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
612	05/13/2015 15:04	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
613	05/13/2015 15:05	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
614	05/13/2015 15:06	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
615	05/13/2015 15:07	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
616	05/13/2015 15:08	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
617	05/13/2015 15:09	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
618	05/13/2015 15:10	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
619	05/13/2015 15:11	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
620	05/13/2015 15:12	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
621	05/13/2015 15:13	13.50	Operator Error Combustion/APCD	Re-trained operator. 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	05/13/2015 15:14	13.50	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
623	05/13/2015 15:15	13.75	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
624	05/13/2015 15:16	13.78	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
625	05/13/2015 15:17	13.83	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
626	05/13/2015 15:18	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
627	05/13/2015 15:19	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
628	05/13/2015 15:20	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
629	05/13/2015 15:21	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
630	05/13/2015 15:22	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
631	05/13/2015 15:23	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
632	05/13/2015 15:24	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
633	05/13/2015 15:25	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
634	05/13/2015 15:26	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
635	05/13/2015 15:27	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
636	05/13/2015 15:28	13.90	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
637	05/13/2015 15:29	13.89	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
638	05/13/2015 15:30	13.89	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
639	05/13/2015 15:31	13.89	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
640	05/13/2015 15:32	13.89	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
641	05/13/2015 15:33	13.52	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
642	05/13/2015 15:34	13.30	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
643	05/13/2015 15:35	12.77	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
644	05/13/2015 15:36	11.86	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
645	05/13/2015 15:37	11.78	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
646	05/13/2015 15:38	10.98	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
647	05/13/2015 15:39	10.67	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
648	05/13/2015 15:40	10.66	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
649	05/13/2015 15:41	10.28	Operator Error Combustion/APCD	Re-trained operator. Restarted unit.	Retention	Yes	Yes
650	05/16/2015 17:17	18.94	Operator Error Feed Prep	Reduced charges. Restarted unit.	Waste	Yes	Yes
651	05/16/2015 17:18	22.09	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
652	05/16/2015 17:19	23.26	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
653	05/16/2015 17:20	21.11	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
654	05/16/2015 17:21	19.08	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
655	05/16/2015 17:22	18.42	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
656	05/16/2015 17:23	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
657	05/16/2015 17:24	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
658	05/16/2015 17:25	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
659	05/16/2015 17:26	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
660	05/16/2015 17:27	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
661	05/16/2015 17:28	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
662	05/16/2015 17:29	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
663	05/16/2015 17:30	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
664	05/16/2015 17:31	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
665	05/16/2015 17:32	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
666	05/16/2015 17:33	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
667	05/16/2015 17:34	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
668	05/16/2015 17:35	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
669	05/16/2015 17:36	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
670	05/16/2015 17:37	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
671	05/16/2015 17:38	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
672	05/16/2015 17:39	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
673	05/16/2015 17:40	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
674	05/16/2015 17:41	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
675	05/16/2015 17:42	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
676	05/16/2015 17:43	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
677	05/16/2015 17:44	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
678	05/16/2015 17:45	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
679	05/16/2015 17:46	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
680	05/16/2015 17:47	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
681	05/16/2015 17:48	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
682	05/16/2015 17:49	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
683	05/16/2015 17:50	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
684	05/16/2015 17:51	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
685	05/16/2015 17:52	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
686	05/16/2015 17:53	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
687	05/16/2015 17:54	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
688	05/16/2015 17:55	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
689	05/16/2015 17:56	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
690	05/16/2015 17:57	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
691	05/16/2015 17:58	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
692	05/16/2015 17:59	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
693	05/16/2015 18:00	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
694	05/16/2015 18:01	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
695	05/16/2015 18:02	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
696	05/16/2015 18:03	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
697	05/16/2015 18:04	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
698	05/16/2015 18:05	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
699	05/16/2015 18:06	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
700	05/16/2015 18:07	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
701	05/16/2015 18:08	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
702	05/16/2015 18:09	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
703	05/16/2015 18:10	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
704	05/16/2015 18:11	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
705	05/16/2015 18:12	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
706	05/16/2015 18:13	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
707	05/16/2015 18:14	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
708	05/16/2015 18:15	18.31	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
709	05/16/2015 18:16	13.48	Operator Error Feed Prep	Reduced charges. Restarted unit.	Retention	Yes	Yes
710	05/27/2015 16:13	15.07	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
711	05/27/2015 16:14	18.33	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
712	05/27/2015 16:15	19.27	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
713	05/27/2015 16:16	19.53	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
714	05/27/2015 16:17	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
715	05/27/2015 16:18	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
716	05/27/2015 16:19	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
717	05/27/2015 16:20	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
718	05/27/2015 16:21	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
719	05/27/2015 16:22	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
720	05/27/2015 16:23	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
721	05/27/2015 16:24	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
722	05/27/2015 16:25	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
723	05/27/2015 16:26	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
724	05/27/2015 16:27	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
725	05/27/2015 16:28	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
726	05/27/2015 16:29	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
727	05/27/2015 16:30	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
728	05/27/2015 16:31	19.59	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
729	05/27/2015 16:32	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
730	05/27/2015 16:33	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
731	05/27/2015 16:34	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
732	05/27/2015 16:35	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
733	05/27/2015 16:36	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
734	05/27/2015 16:37	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
735	05/27/2015 16:38	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
736	05/27/2015 16:39	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
737	05/27/2015 16:40	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
738	05/27/2015 16:41	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
739	05/27/2015 16:42	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
740	05/27/2015 16:43	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
741	05/27/2015 16:44	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
742	05/27/2015 16:45	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
743	05/27/2015 16:46	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
744	05/27/2015 16:47	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
745	05/27/2015 16:48	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
746	05/27/2015 16:49	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
747	05/27/2015 16:50	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
748	05/27/2015 16:51	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
749	05/27/2015 16:52	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
750	05/27/2015 16:53	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
751	05/27/2015 16:54	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
752	05/27/2015 16:55	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
753	05/27/2015 16:56	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
754	05/27/2015 16:57	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
755	05/27/2015 16:58	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
756	05/27/2015 16:59	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
757	05/27/2015 17:00	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
758	05/27/2015 17:01	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
759	05/27/2015 17:02	19.61	Malfunction ID Fan Shutdown	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?
760	05/27/2015 17:03	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
761	05/27/2015 17:04	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
762	05/27/2015 17:05	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
763	05/27/2015 17:06	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
764	05/27/2015 17:07	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
765	05/27/2015 17:08	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
766	05/27/2015 17:09	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
767	05/27/2015 17:10	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
768	05/27/2015 17:11	19.61	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
769	05/27/2015 17:12	14.26	Malfunction ID Fan Shutdown	Restarted unit.	Retention	Yes	Yes
770	05/28/2015 19:45	13.86	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
771	05/28/2015 19:46	18.62	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
772	05/28/2015 19:47	19.92	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
773	05/28/2015 19:48	20.29	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
774	05/28/2015 19:49	20.39	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
775	05/28/2015 19:50	20.41	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
776	05/28/2015 19:51	20.41	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
777	05/28/2015 19:52	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
778	05/28/2015 19:53	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
779	05/28/2015 19:54	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
780	05/28/2015 19:55	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
781	05/28/2015 19:56	20.48	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
782	05/28/2015 19:57	20.71	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
783	05/28/2015 19:58	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
784	05/28/2015 19:59	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
785	05/28/2015 20:00	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
786	05/28/2015 20:01	20.74	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
787	05/28/2015 20:02	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
788	05/28/2015 20:03	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
789	05/28/2015 20:04	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
790	05/28/2015 20:05	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
791	05/28/2015 20:06	20.66	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
792	05/28/2015 20:07	20.76	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
793	05/28/2015 20:08	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
794	05/28/2015 20:09	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
795	05/28/2015 20:10	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
796	05/28/2015 20:11	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
797	05/28/2015 20:12	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
798	05/28/2015 20:13	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
799	05/28/2015 20:14	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
800	05/28/2015 20:15	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
801	05/28/2015 20:16	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
802	05/28/2015 20:17	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
803	05/28/2015 20:18	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
804	05/28/2015 20:19	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
805	05/28/2015 20:20	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
806	05/28/2015 20:21	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
807	05/28/2015 20:22	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
808	05/28/2015 20:23	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
809	05/28/2015 20:24	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
810	05/28/2015 20:25	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
811	05/28/2015 20:26	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
812	05/28/2015 20:27	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
813	05/28/2015 20:28	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
814	05/28/2015 20:29	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
815	05/28/2015 20:30	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
816	05/28/2015 20:31	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
817	05/28/2015 20:32	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
818	05/28/2015 20:33	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
819	05/28/2015 20:34	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
820	05/28/2015 20:35	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
821	05/28/2015 20:36	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
822	05/28/2015 20:37	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
823	05/28/2015 20:38	20.85	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
824	05/28/2015 20:39	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
825	05/28/2015 20:40	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
826	05/28/2015 20:41	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
827	05/28/2015 20:42	20.81	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
828	05/28/2015 20:43	20.76	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
829	05/28/2015 20:44	20.42	Malfunction Clinker Fell	Restarted unit.	Retention	Yes	Yes
830	06/03/2015 00:38	10.46	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
831	06/03/2015 00:39	10.80	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Waste	Yes	Yes
832	06/03/2015 00:40	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
833	06/03/2015 00:41	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
834	06/03/2015 00:42	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
835	06/03/2015 00:43	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
836	06/03/2015 00:44	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
837	06/03/2015 00:45	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
838	06/03/2015 00:46	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
839	06/03/2015 00:47	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
840	06/03/2015 00:48	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
841	06/03/2015 00:49	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
842	06/03/2015 00:50	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
843	06/03/2015 00:51	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
844	06/03/2015 00:52	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
845	06/03/2015 00:53	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
846	06/03/2015 00:54	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
847	06/03/2015 00:55	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
848	06/03/2015 00:56	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
849	06/03/2015 00:57	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
850	06/03/2015 00:58	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
851	06/03/2015 00:59	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
852	06/03/2015 01:00	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
853	06/03/2015 01:01	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
854	06/03/2015 01:02	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
855	06/03/2015 01:03	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
856	06/03/2015 01:04	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
857	06/03/2015 01:05	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
858	06/03/2015 01:06	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
859	06/03/2015 01:07	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
860	06/03/2015 01:08	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
861	06/03/2015 01:09	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
862	06/03/2015 01:10	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
863	06/03/2015 01:11	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
864	06/03/2015 01:12	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
865	06/03/2015 01:13	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
866	06/03/2015 01:14	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
867	06/03/2015 01:15	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
868	06/03/2015 01:16	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
869	06/03/2015 01:17	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
870	06/03/2015 01:18	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
871	06/03/2015 01:19	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
872	06/03/2015 01:20	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
873	06/03/2015 01:21	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
874	06/03/2015 01:22	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
875	06/03/2015 01:23	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
876	06/03/2015 01:24	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
877	06/03/2015 01:25	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
878	06/03/2015 01:26	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
879	06/03/2015 01:27	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
880	06/03/2015 01:28	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
881	06/03/2015 01:29	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
882	06/03/2015 01:30	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
883	06/03/2015 01:31	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
884	06/03/2015 01:32	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
885	06/03/2015 01:33	10.84	Malfunction Combustion Anomaly	Restarted unit. Reviewed waste feeds.	Retention	Yes	Yes
886	06/18/2015 21:59	19.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
887	06/18/2015 22:00	28.01	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
888	06/18/2015 22:01	42.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
889	06/18/2015 22:02	49.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
890	06/18/2015 22:03	61.99	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
891	06/18/2015 22:04	74.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
892	06/18/2015 22:05	80.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
893	06/18/2015 22:06	85.65	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
894	06/18/2015 22:07	89.01	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
895	06/18/2015 22:08	91.57	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
896	06/18/2015 22:09	93.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
897	06/18/2015 22:10	95.66	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
898	06/18/2015 22:11	97.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
899	06/18/2015 22:12	98.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
900	06/18/2015 22:13	99.46	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
901	06/18/2015 22:14	100.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
902	06/18/2015 22:15	100.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
903	06/18/2015 22:16	101.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
904	06/18/2015 22:17	102.40	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
905	06/18/2015 22:18	103.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
906	06/18/2015 22:19	103.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
907	06/18/2015 22:20	104.40	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
908	06/18/2015 22:21	105.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
909	06/18/2015 22:22	105.56	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
910	06/18/2015 22:23	106.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
911	06/18/2015 22:24	106.63	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
912	06/18/2015 22:25	107.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
913	06/18/2015 22:26	108.74	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
914	06/18/2015 22:27	110.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
915	06/18/2015 22:28	111.57	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
916	06/18/2015 22:29	112.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
917	06/18/2015 22:30	114.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
918	06/18/2015 22:31	115.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
919	06/18/2015 22:32	117.26	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
920	06/18/2015 22:33	118.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
921	06/18/2015 22:34	120.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
922	06/18/2015 22:35	121.41	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
923	06/18/2015 22:36	122.66	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
924	06/18/2015 22:37	123.84	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
925	06/18/2015 22:38	124.97	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
926	06/18/2015 22:39	126.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
927	06/18/2015 22:40	127.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
928	06/18/2015 22:41	128.46	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
929	06/18/2015 22:42	129.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
930	06/18/2015 22:43	130.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
931	06/18/2015 22:44	132.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
932	06/18/2015 22:45	133.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
933	06/18/2015 22:46	134.35	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
934	06/18/2015 22:47	135.51	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
935	06/18/2015 22:48	136.74	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
936	06/18/2015 22:49	138.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
937	06/18/2015 22:50	139.33	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
938	06/18/2015 22:51	140.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
939	06/18/2015 22:52	142.07	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
940	06/18/2015 22:53	143.53	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
941	06/18/2015 22:54	145.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
942	06/18/2015 22:55	146.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
943	06/18/2015 22:56	147.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
944	06/18/2015 22:57	149.50	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
945	06/18/2015 22:58	142.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
946	06/18/2015 22:59	133.36	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
947	06/18/2015 23:00	126.29	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
948	06/18/2015 23:01	113.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
949	06/18/2015 23:02	107.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
950	06/18/2015 23:03	96.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
951	06/18/2015 23:04	86.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
952	06/18/2015 23:05	80.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
953	06/18/2015 23:06	77.37	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
954	06/18/2015 23:07	75.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
955	06/18/2015 23:08	74.30	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
956	06/18/2015 23:09	73.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
957	06/18/2015 23:10	73.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
958	06/18/2015 23:11	72.66	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
959	06/18/2015 23:12	72.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
960	06/18/2015 23:13	73.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
961	06/18/2015 23:14	73.95	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
962	06/18/2015 23:15	74.58	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
963	06/18/2015 23:16	75.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
964	06/18/2015 23:17	76.01	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
965	06/18/2015 23:18	76.94	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
966	06/18/2015 23:19	77.96	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
967	06/18/2015 23:20	79.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
968	06/18/2015 23:21	80.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
969	06/18/2015 23:22	81.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
970	06/18/2015 23:23	82.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
971	06/18/2015 23:24	83.29	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
972	06/18/2015 23:25	83.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
973	06/18/2015 23:26	84.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
974	06/18/2015 23:27	83.96	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
975	06/18/2015 23:28	83.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
976	06/18/2015 23:29	83.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
977	06/18/2015 23:30	83.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
978	06/18/2015 23:31	83.49	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
979	06/18/2015 23:32	83.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
980	06/18/2015 23:33	82.99	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
981	06/18/2015 23:34	82.90	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
982	06/18/2015 23:35	82.83	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
983	06/18/2015 23:36	82.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
984	06/18/2015 23:37	82.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
985	06/18/2015 23:38	82.87	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
986	06/18/2015 23:39	82.88	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
987	06/18/2015 23:40	82.84	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
988	06/18/2015 23:41	82.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
989	06/18/2015 23:42	82.65	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
990	06/18/2015 23:43	82.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
991	06/18/2015 23:44	82.54	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
992	06/18/2015 23:45	82.42	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
993	06/18/2015 23:46	82.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
994	06/18/2015 23:47	82.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
995	06/18/2015 23:48	81.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
996	06/18/2015 23:49	81.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
997	06/18/2015 23:50	81.10	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
998	06/18/2015 23:51	80.70	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
999	06/18/2015 23:52	80.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1000	06/18/2015 23:53	79.76	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1001	06/18/2015 23:54	79.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1002	06/18/2015 23:55	78.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1003	06/18/2015 23:56	78.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1004	06/18/2015 23:57	77.38	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1005	06/18/2015 23:58	76.67	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1006	06/18/2015 23:59	75.92	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1007	06/19/2015 00:00	75.09	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1008	06/19/2015 00:01	74.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1009	06/19/2015 00:02	73.55	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1010	06/19/2015 00:03	72.91	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1011	06/19/2015 00:04	72.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1012	06/19/2015 00:05	71.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1013	06/19/2015 00:06	70.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1014	06/19/2015 00:07	70.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1015	06/19/2015 00:08	69.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1016	06/19/2015 00:09	68.74	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1017	06/19/2015 00:10	68.05	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1018	06/19/2015 00:11	67.31	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1019	06/19/2015 00:12	66.60	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1020	06/19/2015 00:13	65.89	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1021	06/19/2015 00:14	65.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1022	06/19/2015 00:15	64.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1023	06/19/2015 00:16	63.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1024	06/19/2015 00:17	62.81	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1025	06/19/2015 00:18	61.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1026	06/19/2015 00:19	60.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1027	06/19/2015 00:20	59.65	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1028	06/19/2015 00:21	58.60	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1029	06/19/2015 00:22	57.57	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1030	06/19/2015 00:23	56.45	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1031	06/19/2015 00:24	55.41	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1032	06/19/2015 00:25	54.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1033	06/19/2015 00:26	53.60	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1034	06/19/2015 00:27	52.79	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1035	06/19/2015 00:28	52.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1036	06/19/2015 00:29	51.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1037	06/19/2015 00:30	50.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1038	06/19/2015 00:31	49.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1039	06/19/2015 00:32	49.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1040	06/19/2015 00:33	48.37	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1041	06/19/2015 00:34	47.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1042	06/19/2015 00:35	46.86	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1043	06/19/2015 00:36	46.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1044	06/19/2015 00:37	45.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1045	06/19/2015 00:38	44.76	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1046	06/19/2015 00:39	44.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1047	06/19/2015 00:40	43.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1048	06/19/2015 00:41	42.83	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1049	06/19/2015 00:42	42.15	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1050	06/19/2015 00:43	41.47	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1051	06/19/2015 00:44	40.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1052	06/19/2015 00:45	40.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1053	06/19/2015 00:46	39.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1054	06/19/2015 00:47	39.17	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1055	06/19/2015 00:48	38.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1056	06/19/2015 00:49	38.23	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1057	06/19/2015 00:50	37.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1058	06/19/2015 00:51	37.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1059	06/19/2015 00:52	36.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1060	06/19/2015 00:53	36.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1061	06/19/2015 00:54	35.71	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1062	06/19/2015 00:55	35.24	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1063	06/19/2015 00:56	34.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1064	06/19/2015 00:57	34.40	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1065	06/19/2015 00:58	33.99	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1066	06/19/2015 00:59	33.57	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1067	06/19/2015 01:00	33.14	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1068	06/19/2015 01:01	32.76	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1069	06/19/2015 01:02	32.36	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1070	06/19/2015 01:03	31.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1071	06/19/2015 01:04	31.65	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1072	06/19/2015 01:05	31.35	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1073	06/19/2015 01:06	31.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1074	06/19/2015 01:07	30.78	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1075	06/19/2015 01:08	30.48	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1076	06/19/2015 01:09	30.15	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1077	06/19/2015 01:10	29.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1078	06/19/2015 01:11	29.51	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1079	06/19/2015 01:12	29.21	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1080	06/19/2015 01:13	28.93	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1081	06/19/2015 01:14	28.68	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1082	06/19/2015 01:15	28.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1083	06/19/2015 01:16	28.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1084	06/19/2015 01:17	27.99	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1085	06/19/2015 01:18	27.77	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1086	06/19/2015 01:19	27.52	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1087	06/19/2015 01:20	27.27	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1088	06/19/2015 01:21	27.03	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1089	06/19/2015 01:22	26.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1090	06/19/2015 01:23	26.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1091	06/19/2015 01:24	26.46	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1092	06/19/2015 01:25	26.31	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1093	06/19/2015 01:26	26.15	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1094	06/19/2015 01:27	25.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1095	06/19/2015 01:28	25.79	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1096	06/19/2015 01:29	25.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1097	06/19/2015 01:30	25.44	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1098	06/19/2015 01:31	25.26	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1099	06/19/2015 01:32	25.11	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1100	06/19/2015 01:33	24.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1101	06/19/2015 01:34	24.86	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1102	06/19/2015 01:35	24.75	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1103	06/19/2015 01:36	24.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1104	06/19/2015 01:37	24.49	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1105	06/19/2015 01:38	24.36	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1106	06/19/2015 01:39	24.20	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1107	06/19/2015 01:40	23.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1108	06/19/2015 01:41	23.39	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1109	06/19/2015 01:42	22.96	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1110	06/19/2015 01:43	22.55	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1111	06/19/2015 01:44	22.13	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1112	06/19/2015 01:45	21.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1113	06/19/2015 01:46	21.25	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1114	06/19/2015 01:47	20.79	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1115	06/19/2015 01:48	20.33	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1116	06/19/2015 01:49	19.87	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1117	06/19/2015 01:50	19.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1118	06/19/2015 01:51	19.00	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1119	06/19/2015 01:52	18.58	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1120	06/19/2015 01:53	18.16	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1121	06/19/2015 01:54	17.73	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1122	06/19/2015 01:55	17.29	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1123	06/19/2015 01:56	16.86	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1124	06/19/2015 01:57	16.42	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1125	06/19/2015 01:58	16.01	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1126	06/19/2015 01:59	15.59	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1127	06/19/2015 02:00	15.19	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1128	06/19/2015 02:01	14.80	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1129	06/19/2015 02:02	14.42	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1130	06/19/2015 02:03	14.02	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1131	06/19/2015 02:04	13.62	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1132	06/19/2015 02:05	13.22	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1133	06/19/2015 02:06	12.82	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1134	06/19/2015 02:07	12.43	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1135	06/19/2015 02:08	12.06	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1136	06/19/2015 02:09	11.69	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1137	06/19/2015 02:10	11.34	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1138	06/19/2015 02:11	10.98	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1139	06/19/2015 02:12	10.63	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1140	06/19/2015 02:13	10.28	Shutdown Boiler Tube Outage	Shutdown unit for tube repair.	Retention	Yes	Yes
1141	06/21/2015 13:01	10.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1142	06/21/2015 13:02	10.30	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1143	06/21/2015 13:03	10.49	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1144	06/21/2015 13:04	10.72	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1145	06/21/2015 13:05	10.95	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1146	06/21/2015 13:06	11.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1147	06/21/2015 13:07	11.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1148	06/21/2015 13:08	11.65	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1149	06/21/2015 13:09	11.07	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1150	06/21/2015 13:20	10.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1151	06/21/2015 13:21	10.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1152	06/21/2015 13:22	11.14	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1153	06/21/2015 13:23	11.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1154	06/21/2015 13:24	12.17	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1155	06/21/2015 13:25	12.67	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1156	06/21/2015 13:26	13.18	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1157	06/21/2015 13:27	13.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1158	06/21/2015 13:28	14.12	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1159	06/21/2015 13:29	14.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1160	06/21/2015 13:30	14.90	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1161	06/21/2015 13:31	15.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1162	06/21/2015 13:32	15.65	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1163	06/21/2015 13:33	16.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1164	06/21/2015 13:34	16.43	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1165	06/21/2015 13:35	16.79	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1166	06/21/2015 13:36	17.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1167	06/21/2015 13:37	17.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1168	06/21/2015 13:38	17.87	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1169	06/21/2015 13:39	18.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1170	06/21/2015 13:40	18.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1171	06/21/2015 13:41	18.82	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1172	06/21/2015 13:42	19.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1173	06/21/2015 13:43	19.39	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1174	06/21/2015 13:44	19.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1175	06/21/2015 13:45	19.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1176	06/21/2015 13:46	20.09	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1177	06/21/2015 13:47	20.37	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1178	06/21/2015 13:48	20.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1179	06/21/2015 13:49	21.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1180	06/21/2015 13:50	21.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1181	06/21/2015 13:51	21.69	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1182	06/21/2015 13:52	21.89	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1183	06/21/2015 13:53	22.08	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1184	06/21/2015 13:54	22.29	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1185	06/21/2015 13:55	22.48	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1186	06/21/2015 13:56	22.65	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1187	06/21/2015 13:57	22.82	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1188	06/21/2015 13:58	23.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1189	06/21/2015 13:59	23.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1190	06/21/2015 14:00	23.49	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1191	06/21/2015 14:01	23.66	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1192	06/21/2015 14:02	23.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1193	06/21/2015 14:03	24.06	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1194	06/21/2015 14:04	24.27	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1195	06/21/2015 14:05	24.47	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1196	06/21/2015 14:06	24.68	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1197	06/21/2015 14:07	24.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1198	06/21/2015 14:08	25.05	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1199	06/21/2015 14:09	25.24	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1200	06/21/2015 14:10	25.41	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1201	06/21/2015 14:11	25.51	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1202	06/21/2015 14:12	25.42	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1203	06/21/2015 14:13	25.29	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1204	06/21/2015 14:14	25.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1205	06/21/2015 14:15	24.85	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1206	06/21/2015 14:16	24.53	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1207	06/21/2015 14:17	24.16	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1208	06/21/2015 14:18	23.76	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1209	06/21/2015 14:19	23.36	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1210	06/21/2015 14:20	23.00	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1211	06/21/2015 14:21	22.62	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1212	06/21/2015 14:22	22.21	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1213	06/21/2015 14:23	21.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1214	06/21/2015 14:24	21.44	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1215	06/21/2015 14:25	21.04	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1216	06/21/2015 14:26	20.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1217	06/21/2015 14:27	20.25	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1218	06/21/2015 14:28	19.86	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1219	06/21/2015 14:29	19.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1220	06/21/2015 14:30	19.15	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1221	06/21/2015 14:31	18.81	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1222	06/21/2015 14:32	18.59	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1223	06/21/2015 14:33	18.33	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1224	06/21/2015 14:34	17.99	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1225	06/21/2015 14:35	17.64	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1226	06/21/2015 14:36	17.26	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1227	06/21/2015 14:37	16.88	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1228	06/21/2015 14:38	16.50	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1229	06/21/2015 14:39	16.12	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1230	06/21/2015 14:40	15.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1231	06/21/2015 14:41	15.35	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1232	06/21/2015 14:42	14.97	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1233	06/21/2015 14:43	14.58	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1234	06/21/2015 14:44	14.20	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1235	06/21/2015 14:45	13.84	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1236	06/21/2015 14:46	13.48	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1237	06/21/2015 14:47	13.10	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1238	06/21/2015 14:48	12.73	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1239	06/21/2015 14:49	12.38	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1240	06/21/2015 14:50	12.02	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1241	06/21/2015 14:51	11.68	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1242	06/21/2015 14:52	11.32	Malfunction Instrument	Repaired instrument. 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?
1243	06/21/2015 14:53	10.94	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1244	06/21/2015 14:54	10.52	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1245	06/21/2015 14:55	10.11	Malfunction Instrument	Repaired instrument. Restarted unit.	Retention	Yes	Yes
1246	06/27/2015 17:23	10.16	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Waste	Yes	Yes
1247	06/27/2015 17:24	10.80	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1248	06/27/2015 17:25	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1249	06/27/2015 17:26	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1250	06/27/2015 17:27	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1251	06/27/2015 17:28	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1252	06/27/2015 17:29	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1253	06/27/2015 17:30	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1254	06/27/2015 17:31	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1255	06/27/2015 17:32	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1256	06/27/2015 17:33	10.94	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1257	06/27/2015 17:34	10.82	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1258	06/27/2015 17:35	10.81	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1259	06/27/2015 17:36	10.81	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1260	06/27/2015 17:37	10.81	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1261	06/27/2015 17:38	10.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1262	06/27/2015 17:39	10.79	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
1263	06/27/2015 17:40	10.14	Malfunction Lance Plugging	Cleared lance. Restarted unit.	Retention	Yes	Yes
		1263	Total Minutes in Exceedance				
		21	Number of Events				
			Total Emissions for the Quarter				
		391	(LBS)				
		0.20	(Tons)				

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

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Apr-15	06:46 AM	07:07 AM	21	Calibration Check		17-May-15	07:20 AM	07:42 AM	22	Calibration Check
02-Apr-15	07:03 AM	07:17 AM	14	Calibration Check		18-May-15	06:20 AM	06:41 AM	21	Calibration Check
03-Apr-15	07:02 AM	07:24 AM	22	Calibration Check		19-May-15	06:20 AM	06:41 AM	21	Calibration Check
04-Apr-15	09:11 AM	09:32 AM	21	Calibration Check		20-May-15	06:20 AM	06:41 AM	21	Calibration Check
05-Apr-15	11:01 AM	11:22 AM	21	Calibration Check		21-May-15	06:20 AM	06:41 AM	21	Calibration Check
06-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		22-May-15	06:20 AM	06:41 AM	21	Calibration Check
07-Apr-15	07:00 AM	07:08 AM	8	Calibration Check		23-May-15	06:20 AM	06:41 AM	21	Calibration Check
08-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		24-May-15	06:20 AM	06:41 AM	21	Calibration Check
09-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		25-May-15	07:05 AM	07:27 AM	22	Calibration Check
10-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		26-May-15	07:00 AM	07:22 AM	22	Calibration Check
11-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		27-May-15	06:20 AM	06:41 AM	21	Calibration Check
12-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		28-May-15	06:36 AM	06:57 AM	21	Calibration Check
13-Apr-15	06:39 AM	07:01 AM	22	Calibration Check		29-May-15	06:37 AM	06:59 AM	22	Calibration Check
14-Apr-15	07:12 AM	07:34 AM	22	Calibration Check		30-May-15	11:15 AM	11:37 AM	22	Calibration Check
15-Apr-15	06:43 AM	07:05 AM	22	Calibration Check		31-May-15	08:12 AM	08:34 AM	22	Calibration Check
16-Apr-15	06:48 AM	07:09 AM	21	Calibration Check		01-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
17-Apr-15	06:16 AM	06:38 AM	22	Calibration Check		02-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
18-Apr-15	06:27 AM	06:49 AM	22	Calibration Check		03-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
19-Apr-15	06:14 AM	06:36 AM	22	Calibration Check		04-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
20-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		05-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
21-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		06-Jun-15	07:35 AM	07:50 AM	15	Calibration Check
22-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		07-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
23-Apr-15	07:04 AM	07:18 AM	14	Calibration Check		08-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
24-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		09-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
25-Apr-15	06:46 AM	07:01 AM	15	Calibration Check		10-Jun-15	07:12 AM	07:26 AM	14	Calibration Check
26-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		11-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
27-Apr-15	05:50 AM	06:11 AM	21	Calibration Check		12-Jun-15	05:37 AM	05:58 AM	21	Calibration Check
28-Apr-15	06:55 AM	07:16 AM	21	Calibration Check		13-Jun-15	09:05 AM	09:26 AM	21	Calibration Check
29-Apr-15	06:46 AM	07:08 AM	22	Calibration Check		14-Jun-15	09:57 AM	10:19 AM	22	Calibration Check
30-Apr-15	06:40 AM	07:02 AM	22	Calibration Check		15-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
01-May-15	07:05 AM	07:26 AM	21	Calibration Check		16-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
02-May-15	06:20 AM	06:34 AM	14	Calibration Check		17-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
03-May-15	06:18 AM	06:39 AM	21	Calibration Check		18-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
04-May-15	06:20 AM	06:41 AM	21	Calibration Check		19-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
05-May-15	06:20 AM	06:41 AM	21	Calibration Check		20-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
06-May-15	06:20 AM	06:41 AM	21	Calibration Check		21-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
07-May-15	06:20 AM	06:41 AM	21	Calibration Check		22-Jun-15	06:32 AM	06:54 AM	22	Calibration Check
08-May-15	06:20 AM	06:41 AM	21	Calibration Check		23-Jun-15	06:16 AM	06:38 AM	22	Calibration Check
09-May-15	06:20 AM	06:41 AM	21	Calibration Check		24-Jun-15	03:48 PM	04:09 PM	21	Calibration Check
10-May-15	06:20 AM	06:41 AM	21	Calibration Check		25-Jun-15	03:27 PM	03:49 PM	22	Calibration Check
11-May-15	06:44 AM	07:06 AM	22	Calibration Check		26-Jun-15	10:37 AM	10:58 AM	21	Calibration Check
12-May-15	06:37 AM	06:58 AM	21	Calibration Check		27-Jun-15	10:57 AM	11:18 AM	21	Calibration Check
13-May-15	06:37 AM	06:58 AM	21	Calibration Check		27-Jun-15	12:42 PM	12:56 PM	14	Recalibration
14-May-15	03:10 PM	03:32 PM	22	Calibration Check		28-Jun-15	09:13 AM	09:35 AM	22	Calibration Check
15-May-15	06:55 AM	07:03 AM	8	Calibration Check		29-Jun-15	06:40 AM	07:02 AM	22	Calibration Check
16-May-15	05:03 AM	05:25 AM	22	Calibration Check		30-Jun-15	07:52 AM	08:13 AM	21	Calibration Check
			Minutes						Minutes	
			925						960	
Total minutes for quality assurance:										
			Minutes							
			1885							

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		17-May-15	06:50 AM	07:01 AM	11	Calibration Check
02-Apr-15	07:26 AM	07:38 AM	12	Calibration Check		18-May-15	06:50 AM	07:01 AM	11	Calibration Check
03-Apr-15	07:29 AM	07:40 AM	11	Calibration Check		19-May-15	06:50 AM	07:01 AM	11	Calibration Check
04-Apr-15	09:37 AM	09:48 AM	11	Calibration Check		20-May-15	06:50 AM	07:01 AM	11	Calibration Check
05-Apr-15	11:27 AM	11:38 AM	11	Calibration Check		21-May-15	06:50 AM	07:01 AM	11	Calibration Check
06-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		22-May-15	07:16 AM	07:22 AM	6	Calibration Check
07-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		23-May-15	06:50 AM	07:01 AM	11	Calibration Check
08-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		24-May-15	06:50 AM	07:01 AM	11	Calibration Check
09-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		25-May-15	06:50 AM	07:01 AM	11	Calibration Check
10-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		26-May-15	06:46 AM	06:57 AM	11	Calibration Check
11-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		27-May-15	06:50 AM	07:01 AM	11	Calibration Check
12-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		28-May-15	07:02 AM	07:13 AM	11	Calibration Check
13-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		29-May-15	07:03 AM	07:14 AM	11	Calibration Check
14-Apr-15	07:39 AM	07:50 AM	11	Calibration Check		30-May-15	11:42 AM	11:53 AM	11	Calibration Check
15-Apr-15	07:10 AM	07:22 AM	12	Calibration Check		31-May-15	09:18 AM	09:29 AM	11	Calibration Check
16-Apr-15	07:16 AM	07:27 AM	11	Calibration Check		01-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
17-Apr-15	06:43 AM	06:54 AM	11	Calibration Check		02-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
18-Apr-15	06:12 AM	06:23 AM	11	Calibration Check		03-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
19-Apr-15	06:00 AM	06:11 AM	11	Calibration Check		04-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
20-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		05-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
21-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		06-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
22-Apr-15	07:40 AM	07:51 AM	11	Calibration Check		07-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
23-Apr-15	07:24 AM	07:35 AM	11	Calibration Check		08-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
24-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		09-Jun-15	07:08 AM	07:19 AM	11	Calibration Check
25-Apr-15	07:18 AM	07:29 AM	11	Calibration Check		10-Jun-15	07:30 AM	07:42 AM	12	Calibration Check
26-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		11-Jun-15	07:16 AM	07:27 AM	11	Calibration Check
27-Apr-15	05:25 AM	05:36 AM	11	Calibration Check		12-Jun-15	06:02 AM	06:14 AM	12	Calibration Check
28-Apr-15	07:20 AM	07:31 AM	11	Calibration Check		13-Jun-15	08:50 AM	09:01 AM	11	Calibration Check
29-Apr-15	06:32 AM	06:43 AM	11	Calibration Check		14-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
30-Apr-15	07:06 AM	07:17 AM	11	Calibration Check		15-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
01-May-15	06:50 AM	07:01 AM	11	Calibration Check		16-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
02-May-15	06:38 AM	06:49 AM	11	Calibration Check		17-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
03-May-15	06:46 AM	06:57 AM	11	Calibration Check		18-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
04-May-15	06:50 AM	07:01 AM	11	Calibration Check		19-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
05-May-15	06:50 AM	07:01 AM	11	Calibration Check		20-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
06-May-15	06:50 AM	07:01 AM	11	Calibration Check		21-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
07-May-15	06:50 AM	07:01 AM	11	Calibration Check		22-Jun-15	07:02 AM	07:13 AM	11	Calibration Check
08-May-15	06:50 AM	07:01 AM	11	Calibration Check		23-Jun-15	06:46 AM	06:57 AM	11	Calibration Check
09-May-15	06:50 AM	07:01 AM	11	Calibration Check		23-Jun-15	10:47 PM	10:58 PM	11	Recalibration
10-May-15	07:15 AM	07:23 AM	8	Calibration Check		24-Jun-15	03:33 PM	03:44 PM	11	Calibration Check
11-May-15	07:33 AM	07:38 AM	5	Calibration Check		25-Jun-15	03:54 PM	04:05 PM	11	Calibration Check
12-May-15	07:10 AM	07:21 AM	11	Calibration Check		26-Jun-15	11:06 AM	11:18 AM	12	Calibration Check
13-May-15	07:03 AM	07:14 AM	11	Calibration Check		27-Jun-15	01:07 PM	01:18 PM	11	Calibration Check
14-May-15	02:40 PM	02:51 PM	11	Calibration Check		28-Jun-15	09:39 AM	09:51 AM	12	Calibration Check
15-May-15	07:14 AM	07:25 AM	11	Calibration Check		29-Jun-15	07:06 AM	07:17 AM	11	Calibration Check
16-May-15	04:49 AM	05:00 AM	11	Calibration Check		30-Jun-15	08:24 AM	08:35 AM	11	Calibration Check
			Minutes						Minutes	
			499						505	
Total minutes for quality assurance:										
			Minutes							
			1004							

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
				THC #1		
WORK ON THIS ANALYZER						
5/3/2015	6:13 PM	6:28 PM	15	Checking Analyzer	Manual Calibration Also caled stack 2 thc manual cal on both	On Hazardous Waste
OUT OF CONTROL PERIODS						
6/26/2015	10:58 AM	-----	-----	-----	-----	-----
6/27/2015	-----	12:56 PM	1558	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste
SYSTEM RECALIBRATIONS						
6/27/2015	12:42 PM	12:56 PM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
6/6/2015	7:13 AM	7:36 AM	23	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						
6/23/2015	10:47 PM	10:58 PM	11	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
5/22/2015	1:39 PM	1:55 PM	16	OTHER ANALYZER WORK DONE (Dry O2)	ual Calibration Primary and Secor	On Hazardous Waste
5/22/2015	3:05 PM	3:20 PM	15	OTHER ANALYZER WORK DONE (Dry O2)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					**131,040**	
TOTAL OPERATING TIME OF SOURCE:					**122,798**	
TOTAL DOWNTIME OF CEM SYSTEM:					**0**	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**0**	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**122,798**	
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:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
Summary

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

Date	MAXIMUM LB/MMBTU	Duration (min)	Reason	Corrective Action
		0	Total Minutes	
		Total Emissions for the Quarter		
	1670.3	(LBS)		
	0.8	(Tons)		

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/01/2015 03:00	0.98	
04/01/2015 06:00	0.19	
04/01/2015 09:00	0.27	
04/01/2015 12:00	0.14	
04/01/2015 15:00	1.06	
04/01/2015 18:00	0.24	
04/01/2015 21:00	0.56	
04/02/2015 00:00	0.13	
04/02/2015 03:00	0.11	
04/02/2015 06:00	0.73	
04/02/2015 09:00	1.74	
04/02/2015 12:00	0.17	
04/02/2015 15:00	0.27	
04/02/2015 18:00	0.09	
04/02/2015 21:00	0.12	
04/03/2015 00:00	0.15	
04/03/2015 03:00	0.21	
04/03/2015 06:00	0.20	
04/03/2015 09:00	0.28	
04/03/2015 12:00	0.19	
04/03/2015 15:00	0.19	
04/03/2015 18:00	0.17	
04/03/2015 21:00	0.16	
04/04/2015 00:00	0.16	
04/04/2015 03:00	0.14	
04/04/2015 06:00	0.13	
04/04/2015 09:00	0.15	
04/04/2015 12:00	0.26	
04/04/2015 15:00	0.14	
04/04/2015 18:00	0.16	
04/04/2015 21:00	0.16	
04/05/2015 00:00	0.14	
04/05/2015 03:00	0.22	
04/05/2015 06:00	0.17	
04/05/2015 09:00	0.46	
04/05/2015 12:00	0.26	
04/05/2015 15:00	0.13	
04/05/2015 18:00	0.14	
04/05/2015 21:00	0.13	
04/06/2015 00:00	0.16	
04/06/2015 03:00	1.67	
04/06/2015 06:00	1.25	
04/06/2015 09:00	1.38	
04/06/2015 12:00	1.39	
04/06/2015 15:00	0.17	
04/06/2015 18:00	0.17	
04/06/2015 21:00	0.25	
04/07/2015 00:00	0.21	
04/07/2015 03:00	0.13	
04/07/2015 06:00	0.69	
04/07/2015 09:00	4.39	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/07/2015 12:00	0.37	
04/07/2015 15:00	2.11	
04/07/2015 18:00	0.43	
04/07/2015 21:00	0.55	
04/08/2015 00:00	0.30	
04/08/2015 03:00	0.57	
04/08/2015 06:00	0.75	
04/08/2015 09:00	1.78	
04/08/2015 12:00	2.16	
04/08/2015 15:00	2.18	
04/08/2015 18:00	1.28	
04/08/2015 21:00	0.85	
04/09/2015 00:00	1.52	
04/09/2015 03:00	1.85	
04/09/2015 06:00	0.25	
04/09/2015 09:00	1.75	
04/09/2015 12:00	0.23	
04/09/2015 15:00	0.11	
04/09/2015 18:00	0.11	
04/09/2015 21:00	0.24	
04/10/2015 00:00	0.26	
04/10/2015 03:00	0.15	
04/10/2015 06:00	0.21	
04/10/2015 09:00	0.22	
04/10/2015 12:00	0.15	
04/10/2015 15:00	0.15	
04/10/2015 18:00	0.11	
04/10/2015 21:00	0.13	
04/11/2015 00:00	0.15	
04/11/2015 03:00	0.16	
04/11/2015 06:00	0.13	
04/11/2015 09:00	0.19	
04/11/2015 12:00	0.81	
04/11/2015 15:00	1.77	
04/11/2015 18:00	0.59	
04/11/2015 21:00	0.08	
04/12/2015 00:00	0.11	
04/12/2015 03:00	0.51	
04/12/2015 06:00	1.05	
04/12/2015 09:00	2.24	
04/12/2015 12:00	0.75	
04/12/2015 15:00	0.43	
04/12/2015 18:00	0.16	
04/12/2015 21:00	0.25	
04/13/2015 00:00	3.11	
04/13/2015 03:00	0.18	
04/13/2015 06:00	0.10	
04/13/2015 09:00	0.21	
04/13/2015 12:00	0.20	
04/13/2015 15:00	0.10	
04/13/2015 18:00	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)	Notes
04/13/2015 21:00	0.12	
04/14/2015 00:00	0.11	
04/14/2015 03:00	0.09	
04/14/2015 06:00	0.05	
04/14/2015 09:00	0.33	
04/14/2015 12:00	0.99	
04/14/2015 15:00	1.94	
04/14/2015 18:00	1.70	
04/14/2015 21:00	4.86	
04/15/2015 00:00	3.86	
04/15/2015 03:00	1.94	
04/15/2015 06:00	0.97	
04/15/2015 09:00	1.83	
04/15/2015 12:00	0.94	
04/15/2015 15:00	0.16	
04/15/2015 18:00	2.00	
04/15/2015 21:00	0.91	
04/16/2015 00:00	0.51	
04/16/2015 03:00	3.26	
04/16/2015 06:00	3.40	
04/16/2015 09:00	3.06	
04/16/2015 12:00	2.67	
04/16/2015 15:00	0.43	
04/16/2015 18:00	0.20	
04/16/2015 21:00	0.14	
04/17/2015 00:00	0.14	
04/17/2015 03:00	0.14	
04/17/2015 06:00	0.12	
04/17/2015 09:00	1.09	
04/17/2015 12:00	0.16	
04/17/2015 15:00	0.12	
04/17/2015 18:00	3.12	
04/17/2015 21:00	1.09	
04/18/2015 00:00	0.16	
04/18/2015 03:00	0.15	
04/18/2015 06:00	0.26	
04/18/2015 09:00	0.55	
04/18/2015 12:00	0.13	
04/18/2015 15:00	0.26	
04/18/2015 18:00	0.09	
04/18/2015 21:00	0.58	
04/19/2015 00:00	0.29	
04/19/2015 03:00	1.39	
04/19/2015 06:00	1.97	
04/19/2015 09:00	0.90	
04/19/2015 12:00	1.32	
04/19/2015 15:00	1.72	
04/19/2015 18:00	1.90	
04/19/2015 21:00	2.54	
04/20/2015 00:00	3.35	
04/20/2015 03:00	2.45	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/20/2015 06:00	0.65	
04/20/2015 09:00	0.84	
04/20/2015 12:00	0.11	
04/20/2015 15:00	1.21	
04/20/2015 18:00	1.52	
04/20/2015 21:00	0.12	
04/21/2015 00:00	0.82	
04/21/2015 03:00	3.10	
04/21/2015 06:00	1.80	
04/21/2015 09:00	2.14	
04/21/2015 12:00	1.16	
04/21/2015 15:00	0.94	
04/21/2015 18:00	1.51	
04/21/2015 21:00	3.26	
04/22/2015 00:00	0.55	
04/22/2015 03:00	0.31	
04/22/2015 06:00	0.21	
04/22/2015 09:00	0.40	
04/22/2015 12:00	1.06	
04/22/2015 15:00	0.17	
04/22/2015 18:00	0.15	
04/22/2015 21:00	0.01	
04/23/2015 00:00	0.00	
04/23/2015 03:00	0.00	
04/23/2015 06:00	0.00	
04/23/2015 09:00	0.10	
04/23/2015 12:00	0.00	
04/23/2015 15:00	0.00	
04/23/2015 18:00	0.00	
04/23/2015 21:00	0.00	
04/24/2015 00:00	0.00	
04/24/2015 03:00	0.05	
04/24/2015 06:00	0.03	
04/24/2015 09:00	0.11	
04/24/2015 12:00	0.03	
04/24/2015 15:00	0.01	
04/24/2015 18:00	0.03	
04/24/2015 21:00	0.01	
04/25/2015 00:00	0.00	
04/25/2015 03:00	0.00	
04/25/2015 06:00	0.00	
04/25/2015 09:00	0.01	
04/25/2015 12:00	0.00	
04/25/2015 15:00	0.00	
04/25/2015 18:00	0.00	
04/25/2015 21:00	0.00	
04/26/2015 00:00	0.00	
04/26/2015 03:00	0.02	
04/26/2015 06:00	0.03	
04/26/2015 09:00	0.08	
04/26/2015 12:00	0.04	

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
04/26/2015 15:00	0.04	
04/26/2015 18:00	0.90	
04/26/2015 21:00	0.43	
04/27/2015 00:00	0.02	
04/27/2015 03:00	0.03	
04/27/2015 06:00	0.04	
04/27/2015 09:00	0.10	
04/27/2015 12:00	0.00	
04/27/2015 15:00	0.00	
04/27/2015 18:00	0.00	
04/27/2015 21:00	0.00	
04/28/2015 00:00	0.00	
04/28/2015 03:00	0.00	
04/28/2015 06:00	0.00	
04/28/2015 09:00	0.00	
04/28/2015 12:00	0.00	
04/28/2015 15:00	0.00	
04/28/2015 18:00	0.00	
04/28/2015 21:00	0.00	
04/29/2015 00:00	0.00	
04/29/2015 03:00	0.00	
04/29/2015 06:00	0.00	
04/29/2015 09:00	0.00	
04/29/2015 12:00	0.00	
04/29/2015 15:00	0.00	
04/29/2015 18:00	0.01	
04/29/2015 21:00	0.03	
04/30/2015 00:00	0.09	
04/30/2015 03:00	0.17	
04/30/2015 06:00	1.44	
04/30/2015 09:00	2.61	
04/30/2015 12:00	0.75	
04/30/2015 15:00	0.15	
04/30/2015 18:00	0.22	
04/30/2015 21:00	0.03	
05/01/2015 00:00	0.03	
05/01/2015 03:00	0.51	
05/01/2015 06:00	0.27	
05/01/2015 09:00	0.22	
05/01/2015 12:00	0.04	
05/01/2015 15:00	0.04	
05/01/2015 18:00	0.05	
05/01/2015 21:00	0.70	
05/02/2015 00:00	0.15	
05/02/2015 03:00	0.04	
05/02/2015 06:00	0.03	
05/02/2015 09:00	0.85	
05/02/2015 12:00	0.25	
05/02/2015 15:00	0.69	
05/02/2015 18:00	1.61	
05/02/2015 21:00	0.51	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/03/2015 00:00	0.47	
05/03/2015 03:00	1.58	
05/03/2015 06:00	0.17	
05/03/2015 09:00	0.18	
05/03/2015 12:00	0.08	
05/03/2015 15:00	0.08	
05/03/2015 18:00	0.07	
05/03/2015 21:00	0.09	
05/04/2015 00:00	0.09	
05/04/2015 03:00	0.09	
05/04/2015 06:00	2.75	
05/04/2015 09:00	2.52	
05/04/2015 12:00	1.90	
05/04/2015 15:00	2.73	
05/04/2015 18:00	0.37	
05/04/2015 21:00	0.12	
05/05/2015 00:00	0.11	
05/05/2015 03:00	0.14	
05/05/2015 06:00	0.36	
05/05/2015 09:00	0.23	
05/05/2015 12:00	0.09	
05/05/2015 15:00	0.13	
05/05/2015 18:00	0.10	
05/05/2015 21:00	1.38	
05/06/2015 00:00	0.18	
05/06/2015 03:00	0.17	
05/06/2015 06:00	0.19	
05/06/2015 09:00	0.27	
05/06/2015 12:00	0.28	
05/06/2015 15:00	0.58	
05/06/2015 18:00	0.38	
05/06/2015 21:00	0.34	
05/07/2015 00:00	0.32	
05/07/2015 03:00	0.23	
05/07/2015 06:00	0.18	
05/07/2015 09:00	0.64	
05/07/2015 12:00	1.06	
05/07/2015 15:00	0.18	
05/07/2015 18:00	0.52	
05/07/2015 21:00	0.27	
05/08/2015 00:00	0.79	
05/08/2015 03:00	0.65	
05/08/2015 06:00	0.83	
05/08/2015 09:00	0.58	
05/08/2015 12:00	0.30	
05/08/2015 15:00	0.32	
05/08/2015 18:00	0.31	
05/08/2015 21:00	0.26	
05/09/2015 00:00	0.21	
05/09/2015 03:00	0.22	
05/09/2015 06:00	0.21	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/09/2015 09:00	0.28	
05/09/2015 12:00	0.22	
05/09/2015 15:00	0.70	
05/09/2015 18:00	1.00	
05/09/2015 21:00	0.37	
05/10/2015 00:00	0.31	
05/10/2015 03:00	0.27	
05/10/2015 06:00	0.32	
05/10/2015 09:00	0.35	
05/10/2015 12:00	0.23	
05/10/2015 15:00	0.22	
05/10/2015 18:00	0.12	
05/10/2015 21:00	0.17	
05/11/2015 00:00	0.14	
05/11/2015 03:00	0.12	
05/11/2015 06:00	0.15	
05/11/2015 09:00	0.50	
05/11/2015 12:00	0.10	
05/11/2015 15:00	0.13	
05/11/2015 18:00	0.15	
05/11/2015 21:00	1.54	
05/12/2015 00:00	0.46	
05/12/2015 03:00	0.52	
05/12/2015 06:00	0.11	
05/12/2015 09:00	0.44	
05/12/2015 12:00	0.07	
05/12/2015 15:00	0.09	
05/12/2015 18:00	0.67	
05/12/2015 21:00	2.65	
05/13/2015 00:00	1.67	
05/13/2015 03:00	0.86	
05/13/2015 06:00	0.56	
05/13/2015 09:00	3.29	
05/13/2015 12:00	0.47	
05/13/2015 15:00	0.17	
05/13/2015 18:00	0.16	
05/13/2015 21:00	0.21	
05/14/2015 00:00	0.21	
05/14/2015 03:00	1.01	
05/14/2015 06:00	0.53	
05/14/2015 09:00	1.01	
05/14/2015 12:00	1.15	
05/14/2015 15:00	0.40	
05/14/2015 18:00	1.02	
05/14/2015 21:00	2.73	
05/15/2015 00:00	1.88	
05/15/2015 03:00	1.25	
05/15/2015 06:00	1.12	
05/15/2015 09:00	0.95	
05/15/2015 12:00	1.00	
05/15/2015 15:00	0.41	

Emissions Limits:
11 34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/15/2015 18:00	0.54	
05/15/2015 21:00	0.20	
05/16/2015 00:00	0.24	
05/16/2015 03:00	1.41	
05/16/2015 06:00	0.51	
05/16/2015 09:00	0.17	
05/16/2015 12:00	0.11	
05/16/2015 15:00	0.11	
05/16/2015 18:00	0.25	
05/16/2015 21:00	0.18	
05/17/2015 00:00	0.39	
05/17/2015 03:00	0.09	
05/17/2015 06:00	0.08	
05/17/2015 09:00	0.15	
05/17/2015 12:00	0.22	
05/17/2015 15:00	0.32	
05/17/2015 18:00	0.08	
05/17/2015 21:00	0.09	
05/18/2015 00:00	0.10	
05/18/2015 03:00	0.72	
05/18/2015 06:00	0.62	
05/18/2015 09:00	1.38	
05/18/2015 12:00	0.42	
05/18/2015 15:00	1.17	
05/18/2015 18:00	1.86	
05/18/2015 21:00	0.13	
05/19/2015 00:00	1.38	
05/19/2015 03:00	2.73	
05/19/2015 06:00	2.84	
05/19/2015 09:00	0.23	
05/19/2015 12:00	1.27	
05/19/2015 15:00	1.68	
05/19/2015 18:00	2.87	
05/19/2015 21:00	2.09	
05/20/2015 00:00	0.65	
05/20/2015 03:00	2.10	
05/20/2015 06:00	0.92	
05/20/2015 09:00	0.26	
05/20/2015 12:00	0.14	
05/20/2015 15:00	0.11	
05/20/2015 18:00	0.09	
05/20/2015 21:00	0.09	
05/21/2015 00:00	0.11	
05/21/2015 03:00	0.12	
05/21/2015 06:00	0.11	
05/21/2015 09:00	0.21	
05/21/2015 12:00	0.11	
05/21/2015 15:00	0.11	
05/21/2015 18:00	0.12	
05/21/2015 21:00	0.12	
05/22/2015 00:00	0.15	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/22/2015 03:00	0.16	
05/22/2015 06:00	0.54	
05/22/2015 09:00	1.88	
05/22/2015 12:00	0.19	
05/22/2015 15:00	0.14	
05/22/2015 18:00	0.17	
05/22/2015 21:00	0.17	
05/23/2015 00:00	0.15	
05/23/2015 03:00	0.12	
05/23/2015 06:00	0.12	
05/23/2015 09:00	0.21	
05/23/2015 12:00	0.09	
05/23/2015 15:00	0.10	
05/23/2015 18:00	0.09	
05/23/2015 21:00	0.08	
05/24/2015 00:00	0.10	
05/24/2015 03:00	0.11	
05/24/2015 06:00	0.12	
05/24/2015 09:00	0.29	
05/24/2015 12:00	0.11	
05/24/2015 15:00	0.14	
05/24/2015 18:00	0.15	
05/24/2015 21:00	0.12	
05/25/2015 00:00	0.09	
05/25/2015 03:00	0.11	
05/25/2015 06:00	0.10	
05/25/2015 09:00	0.22	
05/25/2015 12:00	0.13	
05/25/2015 15:00	0.24	
05/25/2015 18:00	0.15	
05/25/2015 21:00	0.64	
05/26/2015 00:00	4.25	
05/26/2015 03:00	3.06	
05/26/2015 06:00	1.29	
05/26/2015 09:00	0.26	
05/26/2015 12:00	0.10	
05/26/2015 15:00	0.17	
05/26/2015 18:00	0.10	
05/26/2015 21:00	0.05	
05/27/2015 00:00	0.07	
05/27/2015 03:00	0.08	
05/27/2015 06:00	0.11	
05/27/2015 09:00	4.18	
05/27/2015 12:00	4.05	
05/27/2015 15:00	2.27	
05/27/2015 18:00	2.03	
05/27/2015 21:00	2.17	
05/28/2015 00:00	0.34	
05/28/2015 03:00	0.26	
05/28/2015 06:00	0.10	
05/28/2015 09:00	0.19	

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
05/28/2015 12:00	0.08	
05/28/2015 15:00	0.09	
05/28/2015 18:00	0.13	
05/28/2015 21:00	0.73	
05/29/2015 00:00	0.25	
05/29/2015 03:00	0.11	
05/29/2015 06:00	0.00	
05/29/2015 09:00	0.00	
05/29/2015 12:00	0.00	
05/29/2015 15:00	0.03	
05/29/2015 18:00	0.05	
05/29/2015 21:00	0.03	
05/30/2015 00:00	0.16	
05/30/2015 03:00	0.15	
05/30/2015 06:00	0.15	
05/30/2015 09:00	0.11	
05/30/2015 12:00	0.16	
05/30/2015 15:00	0.23	
05/30/2015 18:00	0.14	
05/30/2015 21:00	0.11	
05/31/2015 00:00	1.33	
05/31/2015 03:00	0.27	
05/31/2015 06:00	0.11	
05/31/2015 09:00	0.14	
05/31/2015 12:00	1.00	
05/31/2015 15:00	1.25	
05/31/2015 18:00	0.21	
05/31/2015 21:00	0.15	
06/01/2015 00:00	0.12	
06/01/2015 03:00	0.15	
06/01/2015 06:00	0.16	
06/01/2015 09:00	0.22	
06/01/2015 12:00	0.13	
06/01/2015 15:00	0.11	
06/01/2015 18:00	0.10	
06/01/2015 21:00	0.12	
06/02/2015 00:00	0.12	
06/02/2015 03:00	0.11	
06/02/2015 06:00	0.11	
06/02/2015 09:00	0.18	
06/02/2015 12:00	0.08	
06/02/2015 15:00	0.89	
06/02/2015 18:00	0.38	
06/02/2015 21:00	0.92	
06/03/2015 00:00	0.37	
06/03/2015 03:00	2.02	
06/03/2015 06:00	0.24	
06/03/2015 09:00	0.27	
06/03/2015 12:00	0.23	
06/03/2015 15:00	0.15	
06/03/2015 18:00	0.69	

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)	Notes
06/03/2015 21:00	0.12	
06/04/2015 00:00	0.11	
06/04/2015 03:00	0.11	
06/04/2015 06:00	0.65	
06/04/2015 09:00	0.31	
06/04/2015 12:00	0.14	
06/04/2015 15:00	0.11	
06/04/2015 18:00	0.18	
06/04/2015 21:00	0.18	
06/05/2015 00:00	0.19	
06/05/2015 03:00	0.13	
06/05/2015 06:00	0.12	
06/05/2015 09:00	0.20	
06/05/2015 12:00	0.14	
06/05/2015 15:00	0.14	
06/05/2015 18:00	0.25	
06/05/2015 21:00	0.11	
06/06/2015 00:00	0.79	
06/06/2015 03:00	1.24	
06/06/2015 06:00	0.92	
06/06/2015 09:00	1.14	
06/06/2015 12:00	0.21	
06/06/2015 15:00	0.12	
06/06/2015 18:00	0.22	
06/06/2015 21:00	0.25	
06/07/2015 00:00	0.47	
06/07/2015 03:00	0.41	
06/07/2015 06:00	1.17	
06/07/2015 09:00	0.16	
06/07/2015 12:00	0.15	
06/07/2015 15:00	0.29	
06/07/2015 18:00	0.22	
06/07/2015 21:00	0.27	
06/08/2015 00:00	0.70	
06/08/2015 03:00	1.25	
06/08/2015 06:00	0.62	
06/08/2015 09:00	0.24	
06/08/2015 12:00	0.11	
06/08/2015 15:00	0.19	
06/08/2015 18:00	0.11	
06/08/2015 21:00	0.13	
06/09/2015 00:00	0.16	
06/09/2015 03:00	0.56	
06/09/2015 06:00	0.68	
06/09/2015 09:00	0.26	
06/09/2015 12:00	0.20	
06/09/2015 15:00	1.22	
06/09/2015 18:00	1.80	
06/09/2015 21:00	1.01	
06/10/2015 00:00	0.77	
06/10/2015 03:00	0.12	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/10/2015 06:00	0.25	
06/10/2015 09:00	0.92	
06/10/2015 12:00	3.50	
06/10/2015 15:00	3.42	
06/10/2015 18:00	3.08	
06/10/2015 21:00	2.46	
06/11/2015 00:00	0.09	
06/11/2015 03:00	0.60	
06/11/2015 06:00	0.51	
06/11/2015 09:00	5.28	
06/11/2015 12:00	7.20	
06/11/2015 15:00	0.35	
06/11/2015 18:00	1.53	
06/11/2015 21:00	1.48	
06/12/2015 00:00	1.91	
06/12/2015 03:00	0.41	
06/12/2015 06:00	1.81	
06/12/2015 09:00	2.28	
06/12/2015 12:00	1.02	
06/12/2015 15:00	0.14	
06/12/2015 18:00	0.18	
06/12/2015 21:00	0.00	
06/13/2015 00:00	0.01	
06/13/2015 03:00	0.53	
06/13/2015 06:00	1.83	
06/13/2015 09:00	2.59	
06/13/2015 12:00	1.24	
06/13/2015 15:00	1.17	
06/13/2015 18:00	0.42	
06/13/2015 21:00	0.62	
06/14/2015 00:00	0.05	
06/14/2015 03:00	0.04	
06/14/2015 06:00	2.55	
06/14/2015 09:00	0.18	
06/14/2015 12:00	0.89	
06/14/2015 15:00	1.55	
06/14/2015 18:00	1.63	
06/14/2015 21:00	1.33	
06/15/2015 00:00	1.65	
06/15/2015 03:00	1.39	
06/15/2015 06:00	0.55	
06/15/2015 09:00	0.42	
06/15/2015 12:00	0.73	
06/15/2015 15:00	3.52	
06/15/2015 18:00	1.13	
06/15/2015 21:00	2.05	
06/16/2015 00:00	0.28	
06/16/2015 03:00	0.48	
06/16/2015 06:00	1.18	
06/16/2015 09:00	0.50	
06/16/2015 12:00	0.41	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/16/2015 15:00	0.33	
06/16/2015 18:00	0.14	
06/16/2015 21:00	0.62	
06/17/2015 00:00	0.72	
06/17/2015 03:00	2.42	
06/17/2015 06:00	1.04	
06/17/2015 09:00	0.80	
06/17/2015 12:00	2.18	
06/17/2015 15:00	3.11	
06/17/2015 18:00	1.12	
06/17/2015 21:00	0.36	
06/18/2015 00:00	1.03	
06/18/2015 03:00	0.61	
06/18/2015 06:00	1.00	
06/18/2015 09:00	0.94	
06/18/2015 12:00	0.27	
06/18/2015 15:00	0.12	
06/18/2015 18:00	0.12	
06/18/2015 21:00	0.14	
06/19/2015 00:00	0.27	
06/19/2015 03:00	0.03	
06/19/2015 06:00	0.00	
06/19/2015 09:00	0.00	
06/19/2015 12:00	0.00	
06/19/2015 15:00	0.00	
06/19/2015 18:00	0.00	
06/19/2015 21:00	0.00	
06/20/2015 00:00	0.00	
06/20/2015 03:00	0.00	
06/20/2015 06:00	0.00	
06/20/2015 09:00	0.00	
06/20/2015 12:00	0.00	
06/20/2015 15:00	0.00	
06/20/2015 18:00	0.00	
06/20/2015 21:00	0.01	
06/21/2015 00:00	0.03	
06/21/2015 03:00	0.05	
06/21/2015 06:00	0.08	
06/21/2015 09:00	0.09	
06/21/2015 12:00	0.16	
06/21/2015 15:00	0.02	
06/21/2015 18:00	0.02	
06/21/2015 21:00	0.11	
06/22/2015 00:00	0.95	
06/22/2015 03:00	0.38	
06/22/2015 06:00	0.31	
06/22/2015 09:00	0.26	
06/22/2015 12:00	0.22	
06/22/2015 15:00	0.81	
06/22/2015 18:00	3.79	
06/22/2015 21:00	4.82	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/23/2015 00:00	7.37	
06/23/2015 03:00	8.05	
06/23/2015 06:00	3.72	
06/23/2015 09:00	2.97	
06/23/2015 12:00	0.58	
06/23/2015 15:00	0.01	
06/23/2015 18:00		Lightning Strike failed Wet O2 so correction was incorrect
06/23/2015 21:00		Lightning Strike failed Wet O2 so correction was incorrect
06/24/2015 00:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 03:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 06:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 09:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 12:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 15:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 18:00	0.00	Manually Calculated due to instrument problems from strike
06/24/2015 21:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 00:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 03:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 06:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 09:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 12:00	0.00	Manually Calculated due to instrument problems from strike
06/25/2015 15:00	0.99	Manually Calculated due to instrument problems from strike
06/25/2015 18:00	2.65	
06/25/2015 21:00	4.53	
06/26/2015 00:00	5.83	
06/26/2015 03:00	3.55	
06/26/2015 06:00	2.52	
06/26/2015 09:00	2.86	
06/26/2015 12:00	3.48	
06/26/2015 15:00	6.61	
06/26/2015 18:00	1.87	
06/26/2015 21:00	0.13	
06/27/2015 00:00	0.52	
06/27/2015 03:00	2.05	
06/27/2015 06:00	1.32	
06/27/2015 09:00	0.18	
06/27/2015 12:00	0.06	
06/27/2015 15:00	1.51	
06/27/2015 18:00	2.21	
06/27/2015 21:00	2.22	
06/28/2015 00:00	0.80	
06/28/2015 03:00	3.94	
06/28/2015 06:00	0.52	
06/28/2015 09:00	1.67	
06/28/2015 12:00	6.30	
06/28/2015 15:00	2.79	
06/28/2015 18:00	3.10	
06/28/2015 21:00	2.11	
06/29/2015 00:00	2.07	
06/29/2015 03:00	3.42	
06/29/2015 06:00	5.14	

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
06/29/2015 09:00	4.61	
06/29/2015 12:00	6.29	
06/29/2015 15:00	4.61	
06/29/2015 18:00	2.09	
06/29/2015 21:00	1.23	
06/30/2015 00:00	1.72	
06/30/2015 03:00	2.42	
06/30/2015 06:00	3.69	
06/30/2015 09:00	6.59	
06/30/2015 12:00	1.40	
06/30/2015 15:00	0.61	
06/30/2015 18:00	1.57	
06/30/2015 21:00	0.26	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Apr-15	06:46 AM	07:07 AM	21	Calibration Check		17-May-15	07:20 AM	07:42 AM	22	Calibration Check
02-Apr-15	07:03 AM	07:17 AM	14	Calibration Check		18-May-15	06:20 AM	06:41 AM	21	Calibration Check
03-Apr-15	07:02 AM	07:24 AM	22	Calibration Check		19-May-15	06:20 AM	06:41 AM	21	Calibration Check
04-Apr-15	09:11 AM	09:32 AM	21	Calibration Check		20-May-15	06:20 AM	06:41 AM	21	Calibration Check
05-Apr-15	11:01 AM	11:22 AM	21	Calibration Check		21-May-15	06:20 AM	06:41 AM	21	Calibration Check
06-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		22-May-15	06:20 AM	06:41 AM	21	Calibration Check
07-Apr-15	07:00 AM	07:08 AM	8	Calibration Check		23-May-15	06:20 AM	06:41 AM	21	Calibration Check
08-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		24-May-15	06:20 AM	06:41 AM	21	Calibration Check
09-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		25-May-15	07:05 AM	07:27 AM	22	Calibration Check
10-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		26-May-15	07:00 AM	07:22 AM	22	Calibration Check
11-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		27-May-15	06:20 AM	06:41 AM	21	Calibration Check
12-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		28-May-15	06:36 AM	06:57 AM	21	Calibration Check
13-Apr-15	06:39 AM	07:01 AM	22	Calibration Check		29-May-15	06:37 AM	06:59 AM	22	Calibration Check
14-Apr-15	07:12 AM	07:34 AM	22	Calibration Check		30-May-15	11:15 AM	11:37 AM	22	Calibration Check
15-Apr-15	06:43 AM	07:05 AM	22	Calibration Check		31-May-15	08:12 AM	08:34 AM	22	Calibration Check
16-Apr-15	06:48 AM	07:09 AM	21	Calibration Check		01-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
17-Apr-15	06:16 AM	06:38 AM	22	Calibration Check		02-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
18-Apr-15	06:27 AM	06:49 AM	22	Calibration Check		03-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
19-Apr-15	06:14 AM	06:36 AM	22	Calibration Check		04-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
20-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		05-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
21-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		06-Jun-15	07:35 AM	07:50 AM	15	Calibration Check
22-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		07-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
23-Apr-15	07:04 AM	07:18 AM	14	Calibration Check		08-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
24-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		09-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
25-Apr-15	06:46 AM	07:01 AM	15	Calibration Check		10-Jun-15	07:12 AM	07:26 AM	14	Calibration Check
26-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		11-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
27-Apr-15	05:50 AM	06:11 AM	21	Calibration Check		12-Jun-15	05:37 AM	05:58 AM	21	Calibration Check
28-Apr-15	06:55 AM	07:16 AM	21	Calibration Check		13-Jun-15	09:05 AM	09:26 AM	21	Calibration Check
29-Apr-15	06:46 AM	07:08 AM	22	Calibration Check		14-Jun-15	09:57 AM	10:19 AM	22	Calibration Check
30-Apr-15	06:40 AM	07:02 AM	22	Calibration Check		15-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
01-May-15	07:05 AM	07:26 AM	21	Calibration Check		16-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
02-May-15	06:20 AM	06:34 AM	14	Calibration Check		17-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
03-May-15	06:18 AM	06:39 AM	21	Calibration Check		18-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
04-May-15	06:20 AM	06:41 AM	21	Calibration Check		19-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
05-May-15	06:20 AM	06:41 AM	21	Calibration Check		20-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
06-May-15	06:20 AM	06:41 AM	21	Calibration Check		21-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
07-May-15	06:20 AM	06:41 AM	21	Calibration Check		22-Jun-15	06:32 AM	06:54 AM	22	Calibration Check
08-May-15	06:20 AM	06:41 AM	21	Calibration Check		23-Jun-15	06:16 AM	06:38 AM	22	Calibration Check
09-May-15	06:20 AM	06:41 AM	21	Calibration Check		24-Jun-15	03:48 PM	04:09 PM	21	Calibration Check
10-May-15	06:20 AM	06:41 AM	21	Calibration Check		25-Jun-15	03:27 PM	03:49 PM	22	Calibration Check
11-May-15	06:44 AM	07:06 AM	22	Calibration Check		26-Jun-15	10:37 AM	10:58 AM	21	Calibration Check
12-May-15	06:37 AM	06:58 AM	21	Calibration Check		27-Jun-15	10:57 AM	11:18 AM	21	Calibration Check
13-May-15	06:37 AM	06:58 AM	21	Calibration Check		27-Jun-15	12:42 PM	12:56 PM	14	Recalibration
14-May-15	03:10 PM	03:32 PM	22	Calibration Check		28-Jun-15	09:13 AM	09:35 AM	22	Calibration Check
15-May-15	06:55 AM	07:03 AM	8	Calibration Check		29-Jun-15	06:40 AM	07:02 AM	22	Calibration Check
16-May-15	05:03 AM	05:25 AM	22	Calibration Check		30-Jun-15	07:52 AM	08:13 AM	21	Calibration Check
			Minutes						Minutes	
			925						960	
Total minutes for quality assurance:										
			Minutes							
			1885							

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						
6/6/2015	7:13 AM	7:36 AM	23	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
6/27/2015	12:42 PM	12:56 PM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
5/3/2015	6:13 PM	6:28 PM	15	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration Also caled stack 2 thc manual cal on both	On Hazardous Waste
6/23/2015	1:28 PM	11:05 PM	577	Lightning caused problems	Fixed Analyzer	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					131,040	
TOTAL OPERATING TIME OF SOURCE:					122,798	
TOTAL DOWNTIME OF CEM SYSTEM:					629	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					629	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					122,169	
SYSTEM AVAILABILITY					99.5%	

SOX MONITOR
PREVENTIVE
MAINTENANCE

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

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

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
Summary

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

Date	MAXIMUM LB/HR	Duration (min)	Reason	Corrective Action
06/28/2015 08:39	30.8	141	Feed - Lance	Reduced Feed Rates
		141	Total Minutes	
		Total Emissions for the Quarter		
	36858.0	(LBS)		
	18.4	(Tons)		

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/01/2015 03:00	24.63	
04/01/2015 06:00	23.34	
04/01/2015 09:00	22.28	
04/01/2015 12:00	17.69	
04/01/2015 15:00	20.36	
04/01/2015 18:00	19.51	
04/01/2015 21:00	20.68	
04/02/2015 00:00	18.31	
04/02/2015 03:00	17.73	
04/02/2015 06:00	16.54	
04/02/2015 09:00	17.16	
04/02/2015 12:00	15.75	
04/02/2015 15:00	13.87	
04/02/2015 18:00	15.68	
04/02/2015 21:00	18.97	
04/03/2015 00:00	21.27	
04/03/2015 03:00	22.05	
04/03/2015 06:00	23.91	
04/03/2015 09:00	24.88	
04/03/2015 12:00	24.31	
04/03/2015 15:00	23.12	
04/03/2015 18:00	22.30	
04/03/2015 21:00	21.88	
04/04/2015 00:00	22.37	
04/04/2015 03:00	22.34	
04/04/2015 06:00	21.67	
04/04/2015 09:00	23.39	
04/04/2015 12:00	23.49	
04/04/2015 15:00	22.30	
04/04/2015 18:00	22.99	
04/04/2015 21:00	25.41	
04/05/2015 00:00	23.30	
04/05/2015 03:00	23.95	
04/05/2015 06:00	23.47	
04/05/2015 09:00	16.71	
04/05/2015 12:00	21.66	
04/05/2015 15:00	16.70	
04/05/2015 18:00	21.31	
04/05/2015 21:00	20.32	
04/06/2015 00:00	23.45	
04/06/2015 03:00	24.71	
04/06/2015 06:00	23.86	
04/06/2015 09:00	23.23	
04/06/2015 12:00	21.83	
04/06/2015 15:00	22.02	
04/06/2015 18:00	25.40	
04/06/2015 21:00	22.64	
04/07/2015 00:00	25.52	
04/07/2015 03:00	20.77	
04/07/2015 06:00	19.53	
04/07/2015 09:00	17.04	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/07/2015 12:00	16.04	
04/07/2015 15:00	15.25	
04/07/2015 18:00	14.70	
04/07/2015 21:00	12.67	
04/08/2015 00:00	15.88	
04/08/2015 03:00	14.80	
04/08/2015 06:00	15.04	
04/08/2015 09:00	15.62	
04/08/2015 12:00	14.82	
04/08/2015 15:00	14.03	
04/08/2015 18:00	13.34	
04/08/2015 21:00	17.76	
04/09/2015 00:00	16.58	
04/09/2015 03:00	15.14	
04/09/2015 06:00	13.12	
04/09/2015 09:00	13.52	
04/09/2015 12:00	11.60	
04/09/2015 15:00	13.62	
04/09/2015 18:00	17.04	
04/09/2015 21:00	19.93	
04/10/2015 00:00	19.70	
04/10/2015 03:00	18.21	
04/10/2015 06:00	20.39	
04/10/2015 09:00	18.87	
04/10/2015 12:00	17.48	
04/10/2015 15:00	17.37	
04/10/2015 18:00	16.85	
04/10/2015 21:00	19.75	
04/11/2015 00:00	20.51	
04/11/2015 03:00	19.71	
04/11/2015 06:00	20.02	
04/11/2015 09:00	18.41	
04/11/2015 12:00	16.35	
04/11/2015 15:00	14.68	
04/11/2015 18:00	16.78	
04/11/2015 21:00	14.23	
04/12/2015 00:00	14.17	
04/12/2015 03:00	15.95	
04/12/2015 06:00	15.09	
04/12/2015 09:00	14.92	
04/12/2015 12:00	14.21	
04/12/2015 15:00	17.05	
04/12/2015 18:00	19.84	
04/12/2015 21:00	20.93	
04/13/2015 00:00	16.65	
04/13/2015 03:00	16.65	
04/13/2015 06:00	16.33	
04/13/2015 09:00	19.09	
04/13/2015 12:00	17.06	
04/13/2015 15:00	17.03	
04/13/2015 18:00	15.79	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/13/2015 21:00	15.99	
04/14/2015 00:00	16.99	
04/14/2015 03:00	15.18	
04/14/2015 06:00	11.77	
04/14/2015 09:00	18.13	
04/14/2015 12:00	16.44	
04/14/2015 15:00	18.23	
04/14/2015 18:00	19.97	
04/14/2015 21:00	21.91	
04/15/2015 00:00	21.97	
04/15/2015 03:00	19.49	
04/15/2015 06:00	18.35	
04/15/2015 09:00	16.12	
04/15/2015 12:00	15.71	
04/15/2015 15:00	17.57	
04/15/2015 18:00	19.57	
04/15/2015 21:00	22.17	
04/16/2015 00:00	22.29	
04/16/2015 03:00	22.39	
04/16/2015 06:00	23.98	
04/16/2015 09:00	17.26	
04/16/2015 12:00	22.35	
04/16/2015 15:00	18.09	
04/16/2015 18:00	17.71	
04/16/2015 21:00	16.68	
04/17/2015 00:00	17.62	
04/17/2015 03:00	18.93	
04/17/2015 06:00	18.03	
04/17/2015 09:00	14.32	
04/17/2015 12:00	13.50	
04/17/2015 15:00	18.38	
04/17/2015 18:00	20.59	
04/17/2015 21:00	17.42	
04/18/2015 00:00	20.76	
04/18/2015 03:00	20.29	
04/18/2015 06:00	20.56	
04/18/2015 09:00	17.29	
04/18/2015 12:00	15.67	
04/18/2015 15:00	14.26	
04/18/2015 18:00	15.23	
04/18/2015 21:00	18.26	
04/19/2015 00:00	19.66	
04/19/2015 03:00	20.89	
04/19/2015 06:00	20.73	
04/19/2015 09:00	18.07	
04/19/2015 12:00	19.39	
04/19/2015 15:00	17.64	
04/19/2015 18:00	18.93	
04/19/2015 21:00	18.81	
04/20/2015 00:00	17.72	
04/20/2015 03:00	20.00	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/20/2015 06:00	18.98	
04/20/2015 09:00	18.38	
04/20/2015 12:00	17.15	
04/20/2015 15:00	14.85	
04/20/2015 18:00	14.16	
04/20/2015 21:00	12.88	
04/21/2015 00:00	17.82	
04/21/2015 03:00	16.08	
04/21/2015 06:00	14.63	
04/21/2015 09:00	13.57	
04/21/2015 12:00	15.12	
04/21/2015 15:00	16.47	
04/21/2015 18:00	18.11	
04/21/2015 21:00	19.86	
04/22/2015 00:00	20.13	
04/22/2015 03:00	20.12	
04/22/2015 06:00	19.92	
04/22/2015 09:00	18.78	
04/22/2015 12:00	15.21	
04/22/2015 15:00	16.91	
04/22/2015 18:00	13.88	
04/22/2015 21:00	7.42	
04/23/2015 00:00	2.88	
04/23/2015 03:00	1.65	
04/23/2015 06:00	4.36	
04/23/2015 09:00	3.10	
04/23/2015 12:00	0.00	
04/23/2015 15:00	0.00	
04/23/2015 18:00	1.81	
04/23/2015 21:00	3.92	
04/24/2015 00:00	4.81	
04/24/2015 03:00	12.51	
04/24/2015 06:00	9.66	
04/24/2015 09:00	8.09	
04/24/2015 12:00	9.06	
04/24/2015 15:00	8.40	
04/24/2015 18:00	11.89	
04/24/2015 21:00	8.62	
04/25/2015 00:00	0.03	
04/25/2015 03:00	0.12	
04/25/2015 06:00	0.13	
04/25/2015 09:00	0.03	
04/25/2015 12:00	0.00	
04/25/2015 15:00	0.00	
04/25/2015 18:00	0.00	
04/25/2015 21:00	0.00	
04/26/2015 00:00	0.00	
04/26/2015 03:00	1.48	
04/26/2015 06:00	2.51	
04/26/2015 09:00	5.36	
04/26/2015 12:00	6.40	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
04/26/2015 15:00	10.00	
04/26/2015 18:00	13.42	
04/26/2015 21:00	18.11	
04/27/2015 00:00	8.95	
04/27/2015 03:00	10.39	
04/27/2015 06:00	11.77	
04/27/2015 09:00	9.13	
04/27/2015 12:00	0.59	
04/27/2015 15:00	0.00	
04/27/2015 18:00	0.00	
04/27/2015 21:00	0.00	
04/28/2015 00:00	0.00	
04/28/2015 03:00	0.00	
04/28/2015 06:00	0.00	
04/28/2015 09:00	0.00	
04/28/2015 12:00	0.00	
04/28/2015 15:00	0.00	
04/28/2015 18:00	0.00	
04/28/2015 21:00	0.00	
04/29/2015 00:00	0.00	
04/29/2015 03:00	0.00	
04/29/2015 06:00	0.00	
04/29/2015 09:00	0.00	
04/29/2015 12:00	0.00	
04/29/2015 15:00	2.93	
04/29/2015 18:00	5.76	
04/29/2015 21:00	8.50	
04/30/2015 00:00	15.56	
04/30/2015 03:00	18.37	
04/30/2015 06:00	18.99	
04/30/2015 09:00	15.70	
04/30/2015 12:00	13.68	
04/30/2015 15:00	14.83	
04/30/2015 18:00	17.93	
04/30/2015 21:00	17.96	
05/01/2015 00:00	17.64	
05/01/2015 03:00	17.42	
05/01/2015 06:00	17.47	
05/01/2015 09:00	19.45	
05/01/2015 12:00	15.73	
05/01/2015 15:00	15.55	
05/01/2015 18:00	17.27	
05/01/2015 21:00	17.24	
05/02/2015 00:00	18.01	
05/02/2015 03:00	17.00	
05/02/2015 06:00	16.32	
05/02/2015 09:00	16.48	
05/02/2015 12:00	14.16	
05/02/2015 15:00	17.87	
05/02/2015 18:00	19.29	
05/02/2015 21:00	12.86	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/03/2015 00:00	9.97	
05/03/2015 03:00	10.80	
05/03/2015 06:00	13.47	
05/03/2015 09:00	13.61	
05/03/2015 12:00	15.45	
05/03/2015 15:00	16.01	
05/03/2015 18:00	16.56	
05/03/2015 21:00	18.36	
05/04/2015 00:00	18.04	
05/04/2015 03:00	18.08	
05/04/2015 06:00	23.79	
05/04/2015 09:00	22.29	
05/04/2015 12:00	21.75	
05/04/2015 15:00	18.34	
05/04/2015 18:00	16.33	
05/04/2015 21:00	18.48	
05/05/2015 00:00	19.62	
05/05/2015 03:00	22.86	
05/05/2015 06:00	22.99	
05/05/2015 09:00	22.36	
05/05/2015 12:00	17.30	
05/05/2015 15:00	17.88	
05/05/2015 18:00	19.03	
05/05/2015 21:00	18.23	
05/06/2015 00:00	17.73	
05/06/2015 03:00	19.24	
05/06/2015 06:00	20.34	
05/06/2015 09:00	17.32	
05/06/2015 12:00	18.10	
05/06/2015 15:00	23.20	
05/06/2015 18:00	24.43	
05/06/2015 21:00	26.01	
05/07/2015 00:00	25.48	
05/07/2015 03:00	24.34	
05/07/2015 06:00	21.20	
05/07/2015 09:00	18.78	
05/07/2015 12:00	21.73	
05/07/2015 15:00	19.63	
05/07/2015 18:00	23.96	
05/07/2015 21:00	24.56	
05/08/2015 00:00	22.67	
05/08/2015 03:00	21.78	
05/08/2015 06:00	22.56	
05/08/2015 09:00	21.89	
05/08/2015 12:00	21.33	
05/08/2015 15:00	20.74	
05/08/2015 18:00	23.25	
05/08/2015 21:00	24.82	
05/09/2015 00:00	23.23	
05/09/2015 03:00	24.51	
05/09/2015 06:00	23.74	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/09/2015 09:00	23.39	
05/09/2015 12:00	22.14	
05/09/2015 15:00	20.86	
05/09/2015 18:00	22.64	
05/09/2015 21:00	24.62	
05/10/2015 00:00	24.53	
05/10/2015 03:00	22.95	
05/10/2015 06:00	22.93	
05/10/2015 09:00	21.86	
05/10/2015 12:00	20.32	
05/10/2015 15:00	20.47	
05/10/2015 18:00	16.46	
05/10/2015 21:00	19.61	
05/11/2015 00:00	17.35	
05/11/2015 03:00	17.47	
05/11/2015 06:00	17.50	
05/11/2015 09:00	16.29	
05/11/2015 12:00	15.82	
05/11/2015 15:00	16.96	
05/11/2015 18:00	18.35	
05/11/2015 21:00	19.95	
05/12/2015 00:00	20.63	
05/12/2015 03:00	19.96	
05/12/2015 06:00	18.51	
05/12/2015 09:00	15.78	
05/12/2015 12:00	14.24	
05/12/2015 15:00	16.19	
05/12/2015 18:00	19.36	
05/12/2015 21:00	21.90	
05/13/2015 00:00	22.19	
05/13/2015 03:00	21.31	
05/13/2015 06:00	16.37	
05/13/2015 09:00	21.06	
05/13/2015 12:00	20.46	
05/13/2015 15:00	17.97	
05/13/2015 18:00	17.82	
05/13/2015 21:00	20.39	
05/14/2015 00:00	20.94	
05/14/2015 03:00	20.76	
05/14/2015 06:00	20.06	
05/14/2015 09:00	20.50	
05/14/2015 12:00	18.98	
05/14/2015 15:00	18.85	
05/14/2015 18:00	18.32	
05/14/2015 21:00	17.58	
05/15/2015 00:00	17.35	
05/15/2015 03:00	17.79	
05/15/2015 06:00	18.09	
05/15/2015 09:00	16.12	
05/15/2015 12:00	17.84	
05/15/2015 15:00	16.65	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/15/2015 18:00	19.66	
05/15/2015 21:00	16.96	
05/16/2015 00:00	18.62	
05/16/2015 03:00	17.81	
05/16/2015 06:00	16.51	
05/16/2015 09:00	15.18	
05/16/2015 12:00	16.49	
05/16/2015 15:00	17.59	
05/16/2015 18:00	15.79	
05/16/2015 21:00	16.95	
05/17/2015 00:00	17.34	
05/17/2015 03:00	15.06	
05/17/2015 06:00	15.22	
05/17/2015 09:00	14.51	
05/17/2015 12:00	20.73	
05/17/2015 15:00	16.38	
05/17/2015 18:00	14.52	
05/17/2015 21:00	16.56	
05/18/2015 00:00	17.54	
05/18/2015 03:00	19.45	
05/18/2015 06:00	15.82	
05/18/2015 09:00	15.97	
05/18/2015 12:00	20.52	
05/18/2015 15:00	18.85	
05/18/2015 18:00	19.18	
05/18/2015 21:00	18.65	
05/19/2015 00:00	18.10	
05/19/2015 03:00	17.21	
05/19/2015 06:00	17.39	
05/19/2015 09:00	15.64	
05/19/2015 12:00	16.14	
05/19/2015 15:00	15.75	
05/19/2015 18:00	17.93	
05/19/2015 21:00	17.85	
05/20/2015 00:00	17.59	
05/20/2015 03:00	18.11	
05/20/2015 06:00	18.21	
05/20/2015 09:00	20.03	
05/20/2015 12:00	19.37	
05/20/2015 15:00	16.99	
05/20/2015 18:00	14.97	
05/20/2015 21:00	14.04	
05/21/2015 00:00	17.10	
05/21/2015 03:00	16.62	
05/21/2015 06:00	17.07	
05/21/2015 09:00	17.70	
05/21/2015 12:00	16.55	
05/21/2015 15:00	17.67	
05/21/2015 18:00	18.47	
05/21/2015 21:00	17.75	
05/22/2015 00:00	17.16	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
05/22/2015 03:00	16.49	
05/22/2015 06:00	19.65	
05/22/2015 09:00	17.72	
05/22/2015 12:00	19.56	
05/22/2015 15:00	18.10	
05/22/2015 18:00	22.98	
05/22/2015 21:00	23.69	
05/23/2015 00:00	20.90	
05/23/2015 03:00	18.08	
05/23/2015 06:00	17.84	
05/23/2015 09:00	15.83	
05/23/2015 12:00	14.71	
05/23/2015 15:00	16.52	
05/23/2015 18:00	15.32	
05/23/2015 21:00	14.91	
05/24/2015 00:00	16.68	
05/24/2015 03:00	17.19	
05/24/2015 06:00	18.06	
05/24/2015 09:00	17.44	
05/24/2015 12:00	14.88	
05/24/2015 15:00	16.17	
05/24/2015 18:00	17.09	
05/24/2015 21:00	16.94	
05/25/2015 00:00	14.13	
05/25/2015 03:00	17.07	
05/25/2015 06:00	15.59	
05/25/2015 09:00	18.08	
05/25/2015 12:00	18.61	
05/25/2015 15:00	15.75	
05/25/2015 18:00	20.13	
05/25/2015 21:00	18.89	
05/26/2015 00:00	19.12	
05/26/2015 03:00	19.10	
05/26/2015 06:00	19.55	
05/26/2015 09:00	17.39	
05/26/2015 12:00	14.35	
05/26/2015 15:00	19.12	
05/26/2015 18:00	15.61	
05/26/2015 21:00	11.27	
05/27/2015 00:00	12.97	
05/27/2015 03:00	14.70	
05/27/2015 06:00	16.92	
05/27/2015 09:00	19.90	
05/27/2015 12:00	23.22	
05/27/2015 15:00	24.07	
05/27/2015 18:00	18.66	
05/27/2015 21:00	20.29	
05/28/2015 00:00	20.89	
05/28/2015 03:00	18.76	
05/28/2015 06:00	19.39	
05/28/2015 09:00	19.05	

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)	Notes
05/28/2015 12:00	19.68	
05/28/2015 15:00	18.45	
05/28/2015 18:00	20.70	
05/28/2015 21:00	16.10	
05/29/2015 00:00	24.85	
05/29/2015 03:00	21.58	
05/29/2015 06:00	0.00	
05/29/2015 09:00	0.00	
05/29/2015 12:00	0.03	
05/29/2015 15:00	2.65	
05/29/2015 18:00	4.59	
05/29/2015 21:00	9.51	
05/30/2015 00:00	22.69	
05/30/2015 03:00	23.17	
05/30/2015 06:00	22.81	
05/30/2015 09:00	19.74	
05/30/2015 12:00	19.82	
05/30/2015 15:00	21.37	
05/30/2015 18:00	19.80	
05/30/2015 21:00	18.68	
05/31/2015 00:00	16.66	
05/31/2015 03:00	14.47	
05/31/2015 06:00	14.45	
05/31/2015 09:00	15.31	
05/31/2015 12:00	15.09	
05/31/2015 15:00	14.61	
05/31/2015 18:00	14.57	
05/31/2015 21:00	18.81	
06/01/2015 00:00	20.63	
06/01/2015 03:00	23.08	
06/01/2015 06:00	23.97	
06/01/2015 09:00	19.32	
06/01/2015 12:00	18.79	
06/01/2015 15:00	17.47	
06/01/2015 18:00	18.82	
06/01/2015 21:00	21.27	
06/02/2015 00:00	20.77	
06/02/2015 03:00	19.28	
06/02/2015 06:00	18.75	
06/02/2015 09:00	15.73	
06/02/2015 12:00	14.74	
06/02/2015 15:00	16.17	
06/02/2015 18:00	18.38	
06/02/2015 21:00	22.07	
06/03/2015 00:00	17.03	
06/03/2015 03:00	18.74	
06/03/2015 06:00	20.26	
06/03/2015 09:00	19.42	
06/03/2015 12:00	18.36	
06/03/2015 15:00	16.42	
06/03/2015 18:00	18.70	

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)	Notes
06/03/2015 21:00	19.55	
06/04/2015 00:00	19.93	
06/04/2015 03:00	19.70	
06/04/2015 06:00	21.20	
06/04/2015 09:00	20.84	
06/04/2015 12:00	19.54	
06/04/2015 15:00	19.02	
06/04/2015 18:00	23.11	
06/04/2015 21:00	23.66	
06/05/2015 00:00	24.95	
06/05/2015 03:00	19.72	
06/05/2015 06:00	18.54	
06/05/2015 09:00	17.85	
06/05/2015 12:00	18.31	
06/05/2015 15:00	19.90	
06/05/2015 18:00	15.12	
06/05/2015 21:00	20.55	
06/06/2015 00:00	20.33	
06/06/2015 03:00	23.17	
06/06/2015 06:00	20.93	
06/06/2015 09:00	19.89	
06/06/2015 12:00	18.32	
06/06/2015 15:00	21.98	
06/06/2015 18:00	22.41	
06/06/2015 21:00	25.43	
06/07/2015 00:00	24.52	
06/07/2015 03:00	22.05	
06/07/2015 06:00	20.47	
06/07/2015 09:00	21.13	
06/07/2015 12:00	21.94	
06/07/2015 15:00	22.83	
06/07/2015 18:00	23.46	
06/07/2015 21:00	22.57	
06/08/2015 00:00	21.80	
06/08/2015 03:00	21.98	
06/08/2015 06:00	21.03	
06/08/2015 09:00	17.27	
06/08/2015 12:00	17.17	
06/08/2015 15:00	16.80	
06/08/2015 18:00	20.16	
06/08/2015 21:00	20.31	
06/09/2015 00:00	22.92	
06/09/2015 03:00	24.80	
06/09/2015 06:00	22.42	
06/09/2015 09:00	20.95	
06/09/2015 12:00	20.23	
06/09/2015 15:00	21.38	
06/09/2015 18:00	24.55	
06/09/2015 21:00	24.11	
06/10/2015 00:00	26.88	
06/10/2015 03:00	24.25	

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)	Notes
06/10/2015 06:00	21.75	
06/10/2015 09:00	22.00	
06/10/2015 12:00	23.93	
06/10/2015 15:00	21.14	
06/10/2015 18:00	19.63	
06/10/2015 21:00	18.17	
06/11/2015 00:00	18.59	
06/11/2015 03:00	19.60	
06/11/2015 06:00	21.16	
06/11/2015 09:00	19.34	
06/11/2015 12:00	16.69	
06/11/2015 15:00	19.61	
06/11/2015 18:00	23.08	
06/11/2015 21:00	22.77	
06/12/2015 00:00	23.47	
06/12/2015 03:00	25.01	
06/12/2015 06:00	23.68	
06/12/2015 09:00	22.41	
06/12/2015 12:00	23.42	
06/12/2015 15:00	19.45	
06/12/2015 18:00	21.45	
06/12/2015 21:00	22.67	
06/13/2015 00:00	21.96	
06/13/2015 03:00	22.88	
06/13/2015 06:00	21.79	
06/13/2015 09:00	23.04	
06/13/2015 12:00	19.56	
06/13/2015 15:00	19.08	
06/13/2015 18:00	20.86	
06/13/2015 21:00	20.66	
06/14/2015 00:00	18.66	
06/14/2015 03:00	17.72	
06/14/2015 06:00	17.10	
06/14/2015 09:00	17.90	
06/14/2015 12:00	16.81	
06/14/2015 15:00	17.29	
06/14/2015 18:00	17.50	
06/14/2015 21:00	21.24	
06/15/2015 00:00	23.13	
06/15/2015 03:00	21.08	
06/15/2015 06:00	23.37	
06/15/2015 09:00	22.43	
06/15/2015 12:00	18.11	
06/15/2015 15:00	17.41	
06/15/2015 18:00	17.77	
06/15/2015 21:00	21.27	
06/16/2015 00:00	19.42	
06/16/2015 03:00	22.00	
06/16/2015 06:00	20.04	
06/16/2015 09:00	18.30	
06/16/2015 12:00	17.77	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/16/2015 15:00	15.63	
06/16/2015 18:00	19.30	
06/16/2015 21:00	18.02	
06/17/2015 00:00	20.55	
06/17/2015 03:00	20.93	
06/17/2015 06:00	21.07	
06/17/2015 09:00	17.48	
06/17/2015 12:00	18.04	
06/17/2015 15:00	21.07	
06/17/2015 18:00	23.48	
06/17/2015 21:00	23.77	
06/18/2015 00:00	24.29	
06/18/2015 03:00	23.39	
06/18/2015 06:00	20.35	
06/18/2015 09:00	16.82	
06/18/2015 12:00	16.70	
06/18/2015 15:00	18.21	
06/18/2015 18:00	20.82	
06/18/2015 21:00	23.21	
06/19/2015 00:00	6.78	
06/19/2015 03:00	0.12	
06/19/2015 06:00	0.00	
06/19/2015 09:00	0.00	
06/19/2015 12:00	0.00	
06/19/2015 15:00	0.00	
06/19/2015 18:00	0.00	
06/19/2015 21:00	0.00	
06/20/2015 00:00	0.00	
06/20/2015 03:00	0.00	
06/20/2015 06:00	0.00	
06/20/2015 09:00	0.00	
06/20/2015 12:00	0.00	
06/20/2015 15:00	0.00	
06/20/2015 18:00	0.00	
06/20/2015 21:00	0.12	
06/21/2015 00:00	2.12	
06/21/2015 03:00	2.74	
06/21/2015 06:00	4.84	
06/21/2015 09:00	5.53	
06/21/2015 12:00	17.83	
06/21/2015 15:00	1.94	
06/21/2015 18:00	6.62	
06/21/2015 21:00	17.30	
06/22/2015 00:00	22.14	
06/22/2015 03:00	24.28	
06/22/2015 06:00	24.13	
06/22/2015 09:00	20.79	
06/22/2015 12:00	20.26	
06/22/2015 15:00	20.00	
06/22/2015 18:00	24.19	
06/22/2015 21:00	26.39	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/23/2015 00:00	24.99	
06/23/2015 03:00	25.93	
06/23/2015 06:00	23.92	
06/23/2015 09:00	19.58	
06/23/2015 12:00	17.91	
06/23/2015 15:00	21.72	
06/23/2015 18:00		Lightning Strike failed Wet O2 so correction was incorrect
06/23/2015 21:00		Lightning Strike failed Wet O2 so correction was incorrect
06/24/2015 00:00	19.83	Manually Calculated due to instrument problems from strike
06/24/2015 03:00	20.91	Manually Calculated due to instrument problems from strike
06/24/2015 06:00	19.57	Manually Calculated due to instrument problems from strike
06/24/2015 09:00	20.41	Manually Calculated due to instrument problems from strike
06/24/2015 12:00	19.41	Manually Calculated due to instrument problems from strike
06/24/2015 15:00	21.05	Manually Calculated due to instrument problems from strike
06/24/2015 18:00	22.52	Manually Calculated due to instrument problems from strike
06/24/2015 21:00	19.27	Manually Calculated due to instrument problems from strike
06/25/2015 00:00	19.48	Manually Calculated due to instrument problems from strike
06/25/2015 03:00	18.73	Manually Calculated due to instrument problems from strike
06/25/2015 06:00	15.67	Manually Calculated due to instrument problems from strike
06/25/2015 09:00	16.33	Manually Calculated due to instrument problems from strike
06/25/2015 12:00	17.85	Manually Calculated due to instrument problems from strike
06/25/2015 15:00	20.38	Manually Calculated due to instrument problems from strike
06/25/2015 18:00	20.42	
06/25/2015 21:00	19.02	
06/26/2015 00:00	19.68	
06/26/2015 03:00	18.62	
06/26/2015 06:00	22.30	
06/26/2015 09:00	22.30	
06/26/2015 12:00	17.86	
06/26/2015 15:00	18.90	
06/26/2015 18:00	15.14	
06/26/2015 21:00	13.81	
06/27/2015 00:00	15.95	
06/27/2015 03:00	21.74	
06/27/2015 06:00	17.18	
06/27/2015 09:00	17.27	
06/27/2015 12:00	18.38	
06/27/2015 15:00	20.86	
06/27/2015 18:00	17.48	
06/27/2015 21:00	21.26	
06/28/2015 00:00	23.06	
06/28/2015 03:00	24.13	
06/28/2015 06:00	23.09	
06/28/2015 09:00	29.82	Exceedance
06/28/2015 12:00	20.86	
06/28/2015 15:00	17.85	
06/28/2015 18:00	20.44	
06/28/2015 21:00	22.80	
06/29/2015 00:00	23.89	
06/29/2015 03:00	24.95	
06/29/2015 06:00	24.98	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
06/29/2015 09:00	21.73	
06/29/2015 12:00	19.04	
06/29/2015 15:00	20.16	
06/29/2015 18:00	16.57	
06/29/2015 21:00	11.91	
06/30/2015 00:00	20.16	
06/30/2015 03:00	19.76	
06/30/2015 06:00	20.02	
06/30/2015 09:00	15.89	
06/30/2015 12:00	16.51	
06/30/2015 15:00	16.78	
06/30/2015 18:00	17.68	
06/30/2015 21:00	20.66	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Apr-15	06:46 AM	07:07 AM	21	Calibration Check		17-May-15	07:20 AM	07:42 AM	22	Calibration Check
02-Apr-15	07:03 AM	07:17 AM	14	Calibration Check		18-May-15	06:20 AM	06:41 AM	21	Calibration Check
03-Apr-15	07:02 AM	07:24 AM	22	Calibration Check		19-May-15	06:20 AM	06:41 AM	21	Calibration Check
04-Apr-15	09:11 AM	09:32 AM	21	Calibration Check		20-May-15	06:20 AM	06:41 AM	21	Calibration Check
05-Apr-15	11:01 AM	11:22 AM	21	Calibration Check		21-May-15	06:20 AM	06:41 AM	21	Calibration Check
06-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		22-May-15	06:20 AM	06:41 AM	21	Calibration Check
07-Apr-15	07:00 AM	07:08 AM	8	Calibration Check		23-May-15	06:20 AM	06:41 AM	21	Calibration Check
08-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		24-May-15	06:20 AM	06:41 AM	21	Calibration Check
09-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		25-May-15	07:05 AM	07:27 AM	22	Calibration Check
10-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		26-May-15	07:00 AM	07:22 AM	22	Calibration Check
11-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		27-May-15	06:20 AM	06:41 AM	21	Calibration Check
12-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		28-May-15	06:36 AM	06:57 AM	21	Calibration Check
13-Apr-15	06:39 AM	07:01 AM	22	Calibration Check		29-May-15	06:37 AM	06:59 AM	22	Calibration Check
14-Apr-15	07:12 AM	07:34 AM	22	Calibration Check		30-May-15	11:15 AM	11:37 AM	22	Calibration Check
15-Apr-15	06:43 AM	07:05 AM	22	Calibration Check		31-May-15	08:12 AM	08:34 AM	22	Calibration Check
16-Apr-15	06:48 AM	07:09 AM	21	Calibration Check		01-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
17-Apr-15	06:16 AM	06:38 AM	22	Calibration Check		02-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
18-Apr-15	06:27 AM	06:49 AM	22	Calibration Check		03-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
19-Apr-15	06:14 AM	06:36 AM	22	Calibration Check		04-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
20-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		05-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
21-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		06-Jun-15	07:35 AM	07:50 AM	15	Calibration Check
22-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		07-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
23-Apr-15	07:04 AM	07:18 AM	14	Calibration Check		08-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
24-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		09-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
25-Apr-15	06:46 AM	07:01 AM	15	Calibration Check		10-Jun-15	07:12 AM	07:26 AM	14	Calibration Check
26-Apr-15	06:20 AM	06:41 AM	21	Calibration Check		11-Jun-15	06:42 AM	07:04 AM	22	Calibration Check
27-Apr-15	05:50 AM	06:11 AM	21	Calibration Check		12-Jun-15	05:37 AM	05:58 AM	21	Calibration Check
28-Apr-15	06:55 AM	07:16 AM	21	Calibration Check		13-Jun-15	09:05 AM	09:26 AM	21	Calibration Check
29-Apr-15	06:46 AM	07:08 AM	22	Calibration Check		14-Jun-15	09:57 AM	10:19 AM	22	Calibration Check
30-Apr-15	06:40 AM	07:02 AM	22	Calibration Check		15-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
01-May-15	07:05 AM	07:26 AM	21	Calibration Check		16-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
02-May-15	06:20 AM	06:34 AM	14	Calibration Check		17-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
03-May-15	06:18 AM	06:39 AM	21	Calibration Check		18-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
04-May-15	06:20 AM	06:41 AM	21	Calibration Check		19-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
05-May-15	06:20 AM	06:41 AM	21	Calibration Check		20-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
06-May-15	06:20 AM	06:41 AM	21	Calibration Check		21-Jun-15	06:20 AM	06:41 AM	21	Calibration Check
07-May-15	06:20 AM	06:41 AM	21	Calibration Check		22-Jun-15	06:32 AM	06:54 AM	22	Calibration Check
08-May-15	06:20 AM	06:41 AM	21	Calibration Check		23-Jun-15	06:16 AM	06:38 AM	22	Calibration Check
09-May-15	06:20 AM	06:41 AM	21	Calibration Check		24-Jun-15	03:48 PM	04:09 PM	21	Calibration Check
10-May-15	06:20 AM	06:41 AM	21	Calibration Check		25-Jun-15	03:27 PM	03:49 PM	22	Calibration Check
11-May-15	06:44 AM	07:06 AM	22	Calibration Check		26-Jun-15	10:37 AM	10:58 AM	21	Calibration Check
12-May-15	06:37 AM	06:58 AM	21	Calibration Check		27-Jun-15	10:57 AM	11:18 AM	21	Calibration Check
13-May-15	06:37 AM	06:58 AM	21	Calibration Check		27-Jun-15	12:42 PM	12:56 PM	14	Recalibrated
14-May-15	03:10 PM	03:32 PM	22	Calibration Check		28-Jun-15	09:13 AM	09:35 AM	22	Calibration Check
15-May-15	06:55 AM	07:03 AM	8	Calibration Check		29-Jun-15	06:40 AM	07:02 AM	22	Calibration Check
16-May-15	05:03 AM	05:25 AM	22	Calibration Check		30-Jun-15	07:52 AM	08:13 AM	21	Calibration Check
			Minutes						Minutes	
			925						960	
Total minutes for quality assurance:										
			Minutes							
			1885							

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						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
6/27/2015	12:42 PM	12:56 PM	14	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
5/3/2015	6:13 PM	6:28 PM	15	OTHER ANALYZER WORK DONE (THC #1)	Manual Calibration Also caled stack 2 thc manual cal on both	On Hazardous Waste
6/6/2015	7:13 AM	7:36 AM	23	OTHER ANALYZER WORK DONE (SO2)	Manual Calibration	On Hazardous Waste
6/23/2015	1:28 PM	11:05 PM	577	Lightning caused problems	Fixed Analyzer	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					131,040	
TOTAL OPERATING TIME OF SOURCE:					122,798	
TOTAL DOWNTIME OF CEM SYSTEM:					629	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					629	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					122,169	
SYSTEM AVAILABILITY					99.5%	

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:
95.26 Tons/Year

CO EXCESS
EMISSIONS REPORT

Thermo Scientific
Model: 48i
Serial Numbers:
CM10360078

	Date	Time	Lb/MMBtu	Incinerator Operation	Reason	Corrective Action	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
					No Short-term limit			
	Total CO emissions for the quarter:							
			lbs	tons				
			12399	6.20				

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		17-May-15	06:50 AM	07:01 AM	11	Calibration Check
02-Apr-15	07:26 AM	07:38 AM	12	Calibration Check		18-May-15	06:50 AM	07:01 AM	11	Calibration Check
03-Apr-15	07:29 AM	07:40 AM	11	Calibration Check		19-May-15	06:50 AM	07:01 AM	11	Calibration Check
04-Apr-15	09:37 AM	09:48 AM	11	Calibration Check		20-May-15	06:50 AM	07:01 AM	11	Calibration Check
05-Apr-15	11:27 AM	11:38 AM	11	Calibration Check		21-May-15	06:50 AM	07:01 AM	11	Calibration Check
06-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		22-May-15	07:16 AM	07:22 AM	6	Calibration Check
07-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		23-May-15	06:50 AM	07:01 AM	11	Calibration Check
08-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		24-May-15	06:50 AM	07:01 AM	11	Calibration Check
09-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		25-May-15	06:50 AM	07:01 AM	11	Calibration Check
10-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		26-May-15	06:46 AM	06:57 AM	11	Calibration Check
11-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		27-May-15	06:50 AM	07:01 AM	11	Calibration Check
12-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		28-May-15	07:02 AM	07:13 AM	11	Calibration Check
13-Apr-15	07:14 AM	07:25 AM	11	Calibration Check		29-May-15	07:03 AM	07:14 AM	11	Calibration Check
14-Apr-15	07:39 AM	07:50 AM	11	Calibration Check		30-May-15	11:42 AM	11:53 AM	11	Calibration Check
15-Apr-15	07:10 AM	07:22 AM	12	Calibration Check		31-May-15	09:18 AM	09:29 AM	11	Calibration Check
16-Apr-15	07:16 AM	07:27 AM	11	Calibration Check		01-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
17-Apr-15	06:43 AM	06:54 AM	11	Calibration Check		02-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
18-Apr-15	06:12 AM	06:23 AM	11	Calibration Check		03-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
19-Apr-15	06:00 AM	06:11 AM	11	Calibration Check		04-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
20-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		05-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
21-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		06-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
22-Apr-15	07:40 AM	07:51 AM	11	Calibration Check		07-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
23-Apr-15	07:24 AM	07:35 AM	11	Calibration Check		08-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
24-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		09-Jun-15	07:08 AM	07:19 AM	11	Calibration Check
25-Apr-15	07:18 AM	07:29 AM	11	Calibration Check		10-Jun-15	07:30 AM	07:42 AM	12	Calibration Check
26-Apr-15	06:50 AM	07:01 AM	11	Calibration Check		11-Jun-15	07:16 AM	07:27 AM	11	Calibration Check
27-Apr-15	05:25 AM	05:36 AM	11	Calibration Check		12-Jun-15	06:02 AM	06:14 AM	12	Calibration Check
28-Apr-15	07:20 AM	07:31 AM	11	Calibration Check		13-Jun-15	08:50 AM	09:01 AM	11	Calibration Check
29-Apr-15	06:32 AM	06:43 AM	11	Calibration Check		14-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
30-Apr-15	07:06 AM	07:17 AM	11	Calibration Check		15-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
01-May-15	06:50 AM	07:01 AM	11	Calibration Check		16-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
02-May-15	06:38 AM	06:49 AM	11	Calibration Check		17-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
03-May-15	06:46 AM	06:57 AM	11	Calibration Check		18-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
04-May-15	06:50 AM	07:01 AM	11	Calibration Check		19-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
05-May-15	06:50 AM	07:01 AM	11	Calibration Check		20-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
06-May-15	06:50 AM	07:01 AM	11	Calibration Check		21-Jun-15	06:50 AM	07:01 AM	11	Calibration Check
07-May-15	06:50 AM	07:01 AM	11	Calibration Check		22-Jun-15	07:02 AM	07:13 AM	11	Calibration Check
08-May-15	06:50 AM	07:01 AM	11	Calibration Check		23-Jun-15	06:46 AM	06:57 AM	11	Calibration Check
09-May-15	06:50 AM	07:01 AM	11	Calibration Check		23-Jun-15	10:47 PM	10:58 PM	11	Recalibration
10-May-15	07:15 AM	07:23 AM	8	Calibration Check		24-Jun-15	03:33 PM	03:44 PM	11	Calibration Check
11-May-15	07:33 AM	07:38 AM	5	Calibration Check		25-Jun-15	03:54 PM	04:05 PM	11	Calibration Check
12-May-15	07:10 AM	07:21 AM	11	Calibration Check		26-Jun-15	11:06 AM	11:18 AM	12	Calibration Check
13-May-15	07:03 AM	07:14 AM	11	Calibration Check		27-Jun-15	01:07 PM	01:18 PM	11	Calibration Check
14-May-15	02:40 PM	02:51 PM	11	Calibration Check		28-Jun-15	09:39 AM	09:51 AM	12	Calibration Check
15-May-15	07:14 AM	07:25 AM	11	Calibration Check		29-Jun-15	07:06 AM	07:17 AM	11	Calibration Check
16-May-15	04:49 AM	05:00 AM	11	Calibration Check		30-Jun-15	08:24 AM	08:35 AM	11	Calibration Check
			Minutes						Minutes	
			499						505	
Total minutes for quality assurance:										
			Minutes							
			1004							

CO Monitor
Stack #2
Downtime

Thermo Scientifici
Model: 48i
Serial Numbers:
CM10360078

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
				Stack #2 - CO		
WORK ON THIS ANALYZER						
6/23/2015	1:28 PM	4:04 PM	156	Lightning caused problems	Fixed AO	On Hazardous Waste
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
6/23/2015	10:47 PM	10:58 PM	11	Stack Re-Calibration	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
5/22/2015	1:39 PM	1:55 PM	16	OTHER ANALYZER WORK DONE (Dry O2)	ual Calibration Primary and Secor	On Hazardous Waste
5/22/2015	3:05 PM	3:20 PM	15	OTHER ANALYZER WORK DONE (Dry O2)	Manual Calibration	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
TOTAL MINUTES IN QUARTER:					131,040	
TOTAL OPERATING TIME OF SOURCE:					122,798	
TOTAL DOWNTIME OF CEM SYSTEM:					198	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					198	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					122,600	
SYSTEM AVAILABILITY					99.8%	

Thermo Scientifici
Model: 48i
Serial Numbers:
CM10360078

CO Monitor
Stack #2
Preventative
Maintenance

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

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Exceedance Summary

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

Date	MAXIMUM OPACITY	Duration (min)	Reason	Corrective Action
05/25/2015 14:18	20.9	6	Malfunction - Instrument/ID Fan	Repaired UPS. Restarted fan.
05/26/2015 10:36	49.6	12	Maintenance - Lens Cleaning	Finished Maintenance
05/28/2015 13:18	47.5	12	Quarterly CEM Audit	Completed Audit
		30	Total Minutes	

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Exceedance

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

	Date	% Opacity	Cause of Exceeedance	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	05/25/2015 14:18	20.89	Malfunction - Instrument/ID Fan	Repaired UPS. Restarted fan.	Retention	Yes	No
2	05/26/2015 10:36	49.63	Maintenance - Lens Cleaning	Finished Maintenance	Waste	Yes	No
3	05/26/2015 10:42	20.76	Maintenance - Lens Cleaning	Finished Maintenance	Waste	Yes	No
4	05/28/2015 13:18	25.31	Quarterly CEM Audit	Completed Audit	Waste	Yes	No
5	05/28/2015 13:24	47.50	Quarterly CEM Audit	Completed Audit	Waste	Yes	No
		5	Total 6-Minute Averages In Exceedance				
		3	Number of Events				

Flows-Opacity - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		17-May-15	06:16 AM	06:23 AM	7	Calibration Check
02-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		18-May-15	06:16 AM	06:23 AM	7	Calibration Check
03-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		19-May-15	06:16 AM	06:23 AM	7	Calibration Check
04-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		20-May-15	06:16 AM	06:23 AM	7	Calibration Check
05-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		21-May-15	06:16 AM	06:23 AM	7	Calibration Check
06-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		22-May-15	06:16 AM	06:23 AM	7	Calibration Check
07-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		23-May-15	06:16 AM	06:23 AM	7	Calibration Check
08-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		24-May-15	06:16 AM	06:23 AM	7	Calibration Check
09-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		25-May-15	06:16 AM	06:23 AM	7	Calibration Check
10-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		26-May-15	06:16 AM	06:23 AM	7	Calibration Check
11-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		27-May-15	06:16 AM	06:23 AM	7	Calibration Check
12-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		28-May-15	06:16 AM	06:23 AM	7	Calibration Check
13-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		29-May-15	06:16 AM	06:23 AM	7	Calibration Check
14-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		30-May-15	06:16 AM	06:23 AM	7	Calibration Check
15-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		31-May-15	06:16 AM	06:23 AM	7	Calibration Check
16-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		01-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
17-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		02-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
18-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		03-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
19-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		04-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
20-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		05-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
21-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		06-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
22-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		07-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
23-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		08-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
24-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		09-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
25-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		10-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
26-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		11-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
27-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		12-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
28-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		13-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
29-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		14-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
30-Apr-15	06:16 AM	06:23 AM	7	Calibration Check		15-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
01-May-15	06:16 AM	06:23 AM	7	Calibration Check		16-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
02-May-15	06:16 AM	06:23 AM	7	Calibration Check		17-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
03-May-15	06:16 AM	06:23 AM	7	Calibration Check		18-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
04-May-15	06:16 AM	06:23 AM	7	Calibration Check		19-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
05-May-15	06:16 AM	06:23 AM	7	Calibration Check		20-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
06-May-15	06:16 AM	06:23 AM	7	Calibration Check		21-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
07-May-15	06:16 AM	06:23 AM	7	Calibration Check		22-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
08-May-15	06:16 AM	06:23 AM	7	Calibration Check		23-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
09-May-15	06:16 AM	06:23 AM	7	Calibration Check		24-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
10-May-15	06:16 AM	06:23 AM	7	Calibration Check		25-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
11-May-15	06:16 AM	06:23 AM	7	Calibration Check		26-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
12-May-15	06:16 AM	06:23 AM	7	Calibration Check		27-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
13-May-15	06:16 AM	06:23 AM	7	Calibration Check		28-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
14-May-15	06:16 AM	06:23 AM	7	Calibration Check		29-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
15-May-15	06:16 AM	06:23 AM	7	Calibration Check		29-Jun-15	03:13 PM	03:21 PM	8	Recalibration
16-May-15	05:22 AM	05:29 AM	7	Calibration Check		30-Jun-15	06:16 AM	06:23 AM	7	Calibration Check
			Minutes						Minutes	
			322						323	
Total minutes for quality assurance:										
			Minutes							
			645							

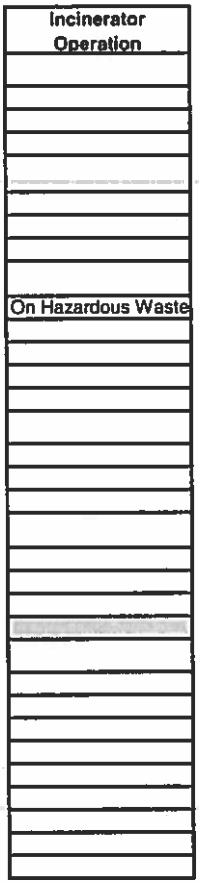
TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Date	Start Time	End Time	Duration	Reason	Action
WORK ON THIS ANALYZER					
OUT OF CONTROL PERIODS					
SYSTEM RECALIBRATIONS					
6/29/2015	3:13 PM	3:21 PM	8	STACK RE-CALIBRATION	NONE
MONITOR EQUIPMENT MALFUNCTION					
OTHER ANALYZER WORK AFFECTING THIS ANALYZER					
				Other	
UNRECORDED TIME (MISSING MINUTES)					
TOTAL MINUTES IN QUARTER:					**131,040**
TOTAL OPERATING TIME OF SOURCE:					**122,798**
TOTAL DOWNTIME OF CEM SYSTEM:					**8**
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**8**
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**122,790**
SYSTEM AVAILABILITY					**100.0%**

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor Downtime



Heritage Thermal Services
2nd Quarter 2015

OPACITY MONITOR
PREVENTIVE MAINTENANCE

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