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

April 28, 2017
VIA UPS and Air Services

RE: HERITAGE THERMAL SERVICES
FACILITY ID: 02-15-02-0233
1ST QUARTER 2017
EXCESS EMISSIONS REPORT

Dear Mr. Bewley:

Enclosed are the quarterly reports for excess emissions of opacity, sulfur dioxide, oxides of nitrogen, and total hydrocarbons as required by Heritage Thermal Services' Title V Permit # P0084372. Additional information regarding incinerator operation, kiln and secondary combustion temperature, and carbon monoxide emissions are also included. This report covers the period **January 1, 2017 through March 31, 2017**.

"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

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
01/01/2017 00:00	01/01/2017 10:36	637	On Hazardous Waste
01/01/2017 10:37	01/01/2017 11:46	70	Retention
01/01/2017 11:47	01/07/2017 16:12	8906	On Hazardous Waste
01/07/2017 16:13	01/07/2017 16:17	5	Retention
01/07/2017 16:18	01/07/2017 16:30	13	On Hazardous Waste
01/07/2017 16:31	01/07/2017 16:39	9	Retention
01/07/2017 16:40	01/10/2017 19:53	4514	On Hazardous Waste
01/10/2017 19:54	01/10/2017 21:36	103	Retention
01/10/2017 21:37	01/10/2017 22:02	26	On Virgin Fuels
01/10/2017 22:03	01/10/2017 23:12	70	Offline
01/10/2017 23:13	01/11/2017 03:04	232	On Virgin Fuels
01/11/2017 03:05	01/16/2017 21:51	8327	On Hazardous Waste
01/16/2017 21:52	01/16/2017 21:53	2	Retention
01/16/2017 21:54	01/21/2017 14:17	6744	On Hazardous Waste
01/21/2017 14:18	01/21/2017 15:25	68	Retention
01/21/2017 15:26	01/29/2017 21:51	11906	On Hazardous Waste
01/29/2017 21:52	01/29/2017 22:51	60	Retention
01/29/2017 22:52	01/30/2017 00:00	69	On Hazardous Waste
01/30/2017 00:01	01/30/2017 00:58	58	Retention
01/30/2017 00:59	01/30/2017 12:47	709	On Hazardous Waste
01/30/2017 12:48	01/30/2017 13:46	59	Retention
01/30/2017 13:47	02/04/2017 17:16	7410	On Hazardous Waste
02/04/2017 17:17	02/04/2017 18:13	57	Retention
02/04/2017 18:14	02/14/2017 23:05	14692	On Hazardous Waste
02/14/2017 23:06	02/15/2017 12:20	795	Offline
02/15/2017 12:21	02/15/2017 21:00	520	On Virgin Fuels
02/15/2017 21:01	02/17/2017 22:55	2995	On Hazardous Waste
02/17/2017 22:56	02/18/2017 02:04	189	Retention
02/18/2017 02:05	02/18/2017 05:14	190	Offline
02/18/2017 05:15	02/18/2017 07:54	160	On Virgin Fuels
02/18/2017 07:55	02/18/2017 08:02	8	Offline
02/18/2017 08:03	02/18/2017 08:03	1	On Virgin Fuels
02/18/2017 08:04	02/18/2017 08:10	7	Offline
02/18/2017 08:11	02/18/2017 08:15	5	On Virgin Fuels
02/18/2017 08:16	02/18/2017 08:26	11	Offline
02/18/2017 08:27	02/18/2017 08:29	3	On Virgin Fuels
02/18/2017 08:30	02/18/2017 09:21	52	Offline
02/18/2017 09:22	02/18/2017 09:24	3	On Virgin Fuels
02/18/2017 09:25	02/18/2017 09:41	17	Offline
02/18/2017 09:42	02/18/2017 09:46	5	On Virgin Fuels
02/18/2017 09:47	02/18/2017 09:56	10	Offline
02/18/2017 09:57	02/18/2017 09:57	1	On Virgin Fuels
02/18/2017 09:58	02/18/2017 10:04	7	Offline
02/18/2017 10:05	02/18/2017 10:05	1	On Virgin Fuels
02/18/2017 10:06	02/18/2017 10:12	7	Offline
02/18/2017 10:13	02/18/2017 10:14	2	On Virgin Fuels
02/18/2017 10:15	02/18/2017 10:21	7	Offline
02/18/2017 10:22	02/18/2017 10:34	13	On Virgin Fuels
02/18/2017 10:35	02/18/2017 11:26	52	Offline
02/18/2017 11:27	02/18/2017 11:27	1	On Virgin Fuels
02/18/2017 11:28	02/18/2017 11:35	8	Offline
02/18/2017 11:36	02/18/2017 16:09	274	On Virgin Fuels
02/18/2017 16:10	02/18/2017 16:11	2	Retention
02/18/2017 16:12	02/19/2017 05:19	788	On Hazardous Waste
02/19/2017 05:20	02/19/2017 05:33	14	Retention
02/19/2017 05:34	02/20/2017 21:44	2411	On Hazardous Waste
02/20/2017 21:45	02/20/2017 22:40	56	Retention
02/20/2017 22:41	02/21/2017 05:43	423	On Hazardous Waste
02/21/2017 05:44	02/21/2017 06:39	56	Retention
02/21/2017 06:40	02/22/2017 23:12	2433	On Hazardous Waste
02/22/2017 23:13	02/23/2017 00:06	54	Retention
02/23/2017 00:07	02/27/2017 14:50	6644	On Hazardous Waste

Heritage Thermal Services
1st Quarter 2017

Incinerator Operation Times

Start Date/Time	End Date/Time	Duration Minutes	Incinerator Operation
02/27/2017 14:51	02/27/2017 22:46	476	Offline
02/27/2017 22:47	02/28/2017 08:11	565	On Virgin Fuels
02/28/2017 08:12	02/28/2017 08:16	5	Retention
02/28/2017 08:17	02/28/2017 08:51	35	On Hazardous Waste
02/28/2017 08:52	02/28/2017 08:53	2	Retention
02/28/2017 08:54	03/02/2017 07:44	2811	On Hazardous Waste
03/02/2017 07:45	03/02/2017 09:18	94	Retention
03/02/2017 09:19	03/07/2017 20:38	7880	On Hazardous Waste
03/07/2017 20:39	03/07/2017 21:17	39	Retention
03/07/2017 21:18	03/10/2017 17:30	4093	On Hazardous Waste
03/10/2017 17:31	03/10/2017 19:26	116	Retention
03/10/2017 19:27	03/10/2017 20:05	39	On Hazardous Waste
03/10/2017 20:06	03/10/2017 20:06	1	Retention
03/10/2017 20:07	03/12/2017 10:55	2329	On Hazardous Waste
03/12/2017 10:56	03/12/2017 11:33	38	Missing (time change)
03/12/2017 11:34	03/12/2017 14:55	202	On Hazardous Waste
03/12/2017 14:56	03/12/2017 15:07	12	Retention
03/12/2017 15:08	03/16/2017 04:19	5112	On Hazardous Waste
03/16/2017 04:20	03/16/2017 05:25	66	Retention
03/16/2017 05:26	03/21/2017 00:49	6924	On Hazardous Waste
03/21/2017 00:50	03/21/2017 01:42	53	Retention
03/21/2017 01:43	03/24/2017 15:59	5177	On Hazardous Waste
03/24/2017 16:00	03/24/2017 16:17	18	Retention
03/24/2017 16:18	03/24/2017 16:41	24	On Hazardous Waste
03/24/2017 16:42	03/24/2017 16:55	14	Retention
03/24/2017 16:56	03/25/2017 00:02	427	On Hazardous Waste
03/25/2017 00:03	03/25/2017 00:09	7	Retention
03/25/2017 00:10	03/25/2017 03:36	207	On Hazardous Waste
03/25/2017 03:37	03/25/2017 04:35	59	Retention
03/25/2017 04:36	03/25/2017 11:23	408	On Hazardous Waste
03/25/2017 11:24	03/25/2017 12:22	59	Retention
03/25/2017 12:23	03/31/2017 23:59	9337	On Hazardous Waste
		124626	On Hazardous Waste
		1407	Retention
		1812	On Virgin Fuels
		1717	Offline
		38	Missing (time change)
		129600	Total
		129600	Minutes in Quarter

Temperature is Report on a One Hour Average

Kiln Temperature
< 1695

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
02/17/2017 23:11	729.9	174	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.
03/21/2017 01:15	1657.1	26	Shutdown Power Failure	Restore power/reboot DCS. Restart unit.
		200	Total Minutes	

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 Zone?	Automatic Waste Feed Cutoff?
1	02/17/2017 23:11	1676.94	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
2	02/17/2017 23:12	1657.84	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
3	02/17/2017 23:13	1638.78	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
4	02/17/2017 23:14	1619.63	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
5	02/17/2017 23:15	1600.50	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
6	02/17/2017 23:16	1581.19	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
7	02/17/2017 23:17	1561.53	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
8	02/17/2017 23:18	1541.59	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
9	02/17/2017 23:19	1521.16	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
10	02/17/2017 23:20	1500.25	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
11	02/17/2017 23:21	1479.34	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
12	02/17/2017 23:22	1458.47	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
13	02/17/2017 23:23	1437.66	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
14	02/17/2017 23:24	1417.00	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
15	02/17/2017 23:25	1396.44	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
16	02/17/2017 23:26	1375.84	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
17	02/17/2017 23:27	1355.19	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
18	02/17/2017 23:28	1334.47	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
19	02/17/2017 23:29	1313.44	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
20	02/17/2017 23:30	1292.13	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
21	02/17/2017 23:31	1271.19	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
22	02/17/2017 23:32	1250.81	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
23	02/17/2017 23:33	1231.16	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
24	02/17/2017 23:34	1212.13	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
25	02/17/2017 23:35	1193.38	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
26	02/17/2017 23:36	1174.78	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
27	02/17/2017 23:37	1156.16	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
28	02/17/2017 23:38	1137.38	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
29	02/17/2017 23:39	1118.19	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
30	02/17/2017 23:40	1098.59	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
31	02/17/2017 23:41	1078.78	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
32	02/17/2017 23:42	1058.84	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
33	02/17/2017 23:43	1039.06	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
34	02/17/2017 23:44	1019.39	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
35	02/17/2017 23:45	999.64	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
36	02/17/2017 23:46	979.88	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
37	02/17/2017 23:47	960.17	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
38	02/17/2017 23:48	940.48	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
39	02/17/2017 23:49	921.02	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
40	02/17/2017 23:50	901.63	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
41	02/17/2017 23:51	882.16	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
42	02/17/2017 23:52	862.59	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
43	02/17/2017 23:53	842.95	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
44	02/17/2017 23:54	823.38	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
45	02/17/2017 23:55	803.94	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
46	02/17/2017 23:56	784.63	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
47	02/17/2017 23:57	765.81	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
48	02/17/2017 23:58	750.94	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
49	02/17/2017 23:59	740.88	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
50	02/18/2017 00:00	735.52	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
51	02/18/2017 00:01	734.39	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
52	02/18/2017 00:02	733.78	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
53	02/18/2017 00:03	733.19	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
54	02/18/2017 00:04	732.55	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
55	02/18/2017 00:05	731.94	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
56	02/18/2017 00:06	731.48	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
57	02/18/2017 00:07	731.06	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
58	02/18/2017 00:08	730.72	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
59	02/18/2017 00:09	730.38	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
60	02/18/2017 00:10	730.22	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
61	02/18/2017 00:11	730.14	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
62	02/18/2017 00:12	730.08	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
63	02/18/2017 00:13	730.05	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
64	02/18/2017 00:14	730.03	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
65	02/18/2017 00:15	730.02	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
66	02/18/2017 00:16	730.00	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	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 Zone?	Automatic Waste Feed Cutoff?
67	02/18/2017 00:17	730.00	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
68	02/18/2017 00:18	729.98	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
69	02/18/2017 00:19	729.98	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
70	02/18/2017 00:20	729.98	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
71	02/18/2017 00:21	729.97	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
72	02/18/2017 00:22	729.97	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
73	02/18/2017 00:23	729.97	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
74	02/18/2017 00:24	729.97	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
75	02/18/2017 00:25	729.95	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
76	02/18/2017 00:26	729.94	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
77	02/18/2017 00:27	729.94	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
78	02/18/2017 00:28	729.92	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
79	02/18/2017 00:29	729.92	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
80	02/18/2017 00:30	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
81	02/18/2017 00:31	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
82	02/18/2017 00:32	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
83	02/18/2017 00:33	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
84	02/18/2017 00:34	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
85	02/18/2017 00:35	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
86	02/18/2017 00:36	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
87	02/18/2017 00:37	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
88	02/18/2017 00:38	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
89	02/18/2017 00:39	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
90	02/18/2017 00:40	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
91	02/18/2017 00:41	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
92	02/18/2017 00:42	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
93	02/18/2017 00:43	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
94	02/18/2017 00:44	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
95	02/18/2017 00:45	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
96	02/18/2017 00:46	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
97	02/18/2017 00:47	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
98	02/18/2017 00:48	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
99	02/18/2017 00:49	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
100	02/18/2017 00:50	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
101	02/18/2017 00:51	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
102	02/18/2017 00:52	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
103	02/18/2017 00:53	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
104	02/18/2017 00:54	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
105	02/18/2017 00:55	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
106	02/18/2017 00:56	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
107	02/18/2017 00:57	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
108	02/18/2017 00:58	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
109	02/18/2017 00:59	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
110	02/18/2017 01:00	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
111	02/18/2017 01:01	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
112	02/18/2017 01:02	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
113	02/18/2017 01:03	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
114	02/18/2017 01:04	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
115	02/18/2017 01:05	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
116	02/18/2017 01:06	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
117	02/18/2017 01:07	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
118	02/18/2017 01:08	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
119	02/18/2017 01:09	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
120	02/18/2017 01:10	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
121	02/18/2017 01:11	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
122	02/18/2017 01:12	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
123	02/18/2017 01:13	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
124	02/18/2017 01:14	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
125	02/18/2017 01:15	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
126	02/18/2017 01:16	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
127	02/18/2017 01:17	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
128	02/18/2017 01:18	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
129	02/18/2017 01:19	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
130	02/18/2017 01:20	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
131	02/18/2017 01:21	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
132	02/18/2017 01:22	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	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 Zone?	Automatic Waste Feed Cutoff?
133	02/18/2017 01:23	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
134	02/18/2017 01:24	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
135	02/18/2017 01:25	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
136	02/18/2017 01:26	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
137	02/18/2017 01:27	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
138	02/18/2017 01:28	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
139	02/18/2017 01:29	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
140	02/18/2017 01:30	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
141	02/18/2017 01:31	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
142	02/18/2017 01:32	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
143	02/18/2017 01:33	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
144	02/18/2017 01:34	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
145	02/18/2017 01:35	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
146	02/18/2017 01:36	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
147	02/18/2017 01:37	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
148	02/18/2017 01:38	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
149	02/18/2017 01:39	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
150	02/18/2017 01:40	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
151	02/18/2017 01:41	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
152	02/18/2017 01:42	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
153	02/18/2017 01:43	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
154	02/18/2017 01:44	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
155	02/18/2017 01:45	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
156	02/18/2017 01:46	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
157	02/18/2017 01:47	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
158	02/18/2017 01:48	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
159	02/18/2017 01:49	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
160	02/18/2017 01:50	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
161	02/18/2017 01:51	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
162	02/18/2017 01:52	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
163	02/18/2017 01:53	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
164	02/18/2017 01:54	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
165	02/18/2017 01:55	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
166	02/18/2017 01:56	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
167	02/18/2017 01:57	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
168	02/18/2017 01:58	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
169	02/18/2017 01:59	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
170	02/18/2017 02:00	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
171	02/18/2017 02:01	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
172	02/18/2017 02:02	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
173	02/18/2017 02:03	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
174	02/18/2017 02:04	729.91	Malfunction - Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
175	03/21/2017 01:15	1694.28	Shutdown Power Failure	unit.	Retention	Yes	Yes
176	03/21/2017 01:16	1689.84	Shutdown Power Failure	unit.	Retention	Yes	Yes
177	03/21/2017 01:17	1685.09	Shutdown Power Failure	unit.	Retention	Yes	Yes
178	03/21/2017 01:18	1680.38	Shutdown Power Failure	unit.	Retention	Yes	Yes
179	03/21/2017 01:19	1675.91	Shutdown Power Failure	unit.	Retention	Yes	Yes
180	03/21/2017 01:20	1672.56	Shutdown Power Failure	unit.	Retention	Yes	Yes
181	03/21/2017 01:21	1670.31	Shutdown Power Failure	unit.	Retention	Yes	Yes
182	03/21/2017 01:22	1668.47	Shutdown Power Failure	unit.	Retention	Yes	Yes
183	03/21/2017 01:23	1666.66	Shutdown Power Failure	unit.	Retention	Yes	Yes
184	03/21/2017 01:24	1664.69	Shutdown Power Failure	unit.	Retention	Yes	Yes
185	03/21/2017 01:25	1662.72	Shutdown Power Failure	unit.	Retention	Yes	Yes
186	03/21/2017 01:26	1660.94	Shutdown Power Failure	unit.	Retention	Yes	Yes
187	03/21/2017 01:27	1659.53	Shutdown Power Failure	unit.	Retention	Yes	Yes
188	03/21/2017 01:28	1658.53	Shutdown Power Failure	unit.	Retention	Yes	Yes
189	03/21/2017 01:29	1657.81	Shutdown Power Failure	unit.	Retention	Yes	Yes
190	03/21/2017 01:30	1657.38	Shutdown Power Failure	unit.	Retention	Yes	Yes
191	03/21/2017 01:31	1657.16	Shutdown Power Failure	unit.	Retention	Yes	Yes
192	03/21/2017 01:32	1657.13	Shutdown Power Failure	unit.	Retention	Yes	Yes
193	03/21/2017 01:33	1657.13	Shutdown Power Failure	unit.	Retention	Yes	Yes
194	03/21/2017 01:34	1657.25	Shutdown Power Failure	unit.	Retention	Yes	Yes
195	03/21/2017 01:35	1657.47	Shutdown Power Failure	unit.	Retention	Yes	Yes
196	03/21/2017 01:36	1658.00	Shutdown Power Failure	unit.	Retention	Yes	Yes
197	03/21/2017 01:37	1658.78	Shutdown Power Failure	unit.	Retention	Yes	Yes
198	03/21/2017 01:38	1659.53	Shutdown Power Failure	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 Zone?	Automatic Waste Feed Cutoff?
199	03/21/2017 01:39	1659.78	Shutdown Power Failure	unit.	Retention	Yes	Yes
200	03/21/2017 01:40	1659.72	Shutdown Power Failure	unit.	Retention	Yes	Yes
		200	Total Minutes in Exceedance				
		2	Number of Events				

Temperature is Report on a One Hour Average

SCC Temperature
< 1710

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

Date	MINIMUM TEMP DEG F	Duration (min)	Reason	Corrective Action
01/01/2017 10:45	1597.7	62	Malfunction Prior AWFCO	Restart unit. Regain temp.
02/17/2017 23:07	735.2	178	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.
03/21/2017 01:07	1624.7	34	Shutdown Power Failure	Restore power/reboot DCS. Restart unit.
		274	Total Minutes	

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	01/01/2017 10:45	1706.31	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
2	01/01/2017 10:46	1689.19	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
3	01/01/2017 10:47	1672.03	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
4	01/01/2017 10:48	1654.81	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
5	01/01/2017 10:49	1636.22	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
6	01/01/2017 10:50	1620.19	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
7	01/01/2017 10:51	1609.94	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
8	01/01/2017 10:52	1605.78	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
9	01/01/2017 10:53	1604.13	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
10	01/01/2017 10:54	1602.91	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
11	01/01/2017 10:55	1601.63	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
12	01/01/2017 10:56	1600.28	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
13	01/01/2017 10:57	1598.41	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
14	01/01/2017 10:58	1597.84	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
15	01/01/2017 10:59	1599.50	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
16	01/01/2017 11:00	1601.94	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
17	01/01/2017 11:01	1605.91	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
18	01/01/2017 11:02	1610.84	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
19	01/01/2017 11:03	1617.00	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
20	01/01/2017 11:04	1622.81	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
21	01/01/2017 11:05	1627.44	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
22	01/01/2017 11:06	1630.78	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
23	01/01/2017 11:07	1632.88	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
24	01/01/2017 11:08	1633.94	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
25	01/01/2017 11:09	1634.53	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
26	01/01/2017 11:10	1634.47	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
27	01/01/2017 11:11	1633.88	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
28	01/01/2017 11:12	1632.97	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
29	01/01/2017 11:13	1631.91	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
30	01/01/2017 11:14	1631.03	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
31	01/01/2017 11:15	1630.53	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
32	01/01/2017 11:16	1630.28	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
33	01/01/2017 11:17	1630.19	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
34	01/01/2017 11:18	1630.06	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
35	01/01/2017 11:19	1629.69	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
36	01/01/2017 11:20	1628.88	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
37	01/01/2017 11:21	1627.66	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
38	01/01/2017 11:22	1626.03	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
39	01/01/2017 11:23	1624.19	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
40	01/01/2017 11:24	1622.19	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
41	01/01/2017 11:25	1620.34	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
42	01/01/2017 11:26	1618.81	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
43	01/01/2017 11:27	1617.69	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
44	01/01/2017 11:28	1617.03	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
45	01/01/2017 11:29	1616.38	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
46	01/01/2017 11:30	1615.28	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
47	01/01/2017 11:31	1613.63	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
48	01/01/2017 11:32	1611.31	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
49	01/01/2017 11:33	1608.72	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
50	01/01/2017 11:34	1606.41	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
51	01/01/2017 11:35	1604.84	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
52	01/01/2017 11:36	1603.75	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
53	01/01/2017 11:37	1601.34	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
54	01/01/2017 11:38	1598.97	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
55	01/01/2017 11:39	1597.72	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
56	01/01/2017 11:40	1601.19	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
57	01/01/2017 11:41	1610.00	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
58	01/01/2017 11:42	1624.53	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
59	01/01/2017 11:43	1642.25	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
60	01/01/2017 11:44	1659.75	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
61	01/01/2017 11:45	1677.09	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
62	01/01/2017 11:46	1694.28	Malfunction Prior AWFCO	Restart unit. Regain temp.	Retention	Yes	Yes
63	02/17/2017 23:07	1691.00	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
64	02/17/2017 23:08	1671.75	Malfunction Prior AWFCO	Idled unit. Inspected and 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?
65	02/17/2017 23:09	1652.91	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
66	02/17/2017 23:10	1634.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
67	02/17/2017 23:11	1616.38	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
68	02/17/2017 23:12	1598.25	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
69	02/17/2017 23:13	1580.09	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
70	02/17/2017 23:14	1561.88	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
71	02/17/2017 23:15	1543.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
72	02/17/2017 23:16	1525.09	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
73	02/17/2017 23:17	1506.31	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
74	02/17/2017 23:18	1487.34	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
75	02/17/2017 23:19	1468.09	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
76	02/17/2017 23:20	1448.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
77	02/17/2017 23:21	1428.94	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
78	02/17/2017 23:22	1409.41	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
79	02/17/2017 23:23	1389.84	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
80	02/17/2017 23:24	1370.41	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
81	02/17/2017 23:25	1351.00	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
82	02/17/2017 23:26	1331.47	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
83	02/17/2017 23:27	1311.88	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
84	02/17/2017 23:28	1292.25	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
85	02/17/2017 23:29	1272.50	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
86	02/17/2017 23:30	1252.72	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
87	02/17/2017 23:31	1233.16	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
88	02/17/2017 23:32	1214.06	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
89	02/17/2017 23:33	1195.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
90	02/17/2017 23:34	1177.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
91	02/17/2017 23:35	1159.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
92	02/17/2017 23:36	1141.91	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
93	02/17/2017 23:37	1123.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
94	02/17/2017 23:38	1105.91	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
95	02/17/2017 23:39	1087.69	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
96	02/17/2017 23:40	1069.38	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
97	02/17/2017 23:41	1050.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
98	02/17/2017 23:42	1032.47	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
99	02/17/2017 23:43	1014.03	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
100	02/17/2017 23:44	995.67	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
101	02/17/2017 23:45	977.19	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
102	02/17/2017 23:46	958.83	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
103	02/17/2017 23:47	940.63	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
104	02/17/2017 23:48	922.42	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
105	02/17/2017 23:49	904.52	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
106	02/17/2017 23:50	886.92	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
107	02/17/2017 23:51	869.48	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
108	02/17/2017 23:52	852.08	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
109	02/17/2017 23:53	834.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
110	02/17/2017 23:54	817.00	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
111	02/17/2017 23:55	799.41	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
112	02/17/2017 23:56	781.78	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
113	02/17/2017 23:57	764.45	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
114	02/17/2017 23:58	750.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
115	02/17/2017 23:59	741.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
116	02/18/2017 00:00	736.94	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
117	02/18/2017 00:01	736.48	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
118	02/18/2017 00:02	736.86	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
119	02/18/2017 00:03	737.23	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
120	02/18/2017 00:04	737.61	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
121	02/18/2017 00:05	737.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
122	02/18/2017 00:06	738.31	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
123	02/18/2017 00:07	738.66	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
124	02/18/2017 00:08	738.98	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
125	02/18/2017 00:09	739.30	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
126	02/18/2017 00:10	739.61	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
127	02/18/2017 00:11	739.91	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
128	02/18/2017 00:12	740.19	Malfunction Prior AWFCO	Idled unit. Inspected and 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?
129	02/18/2017 00:13	740.47	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
130	02/18/2017 00:14	740.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
131	02/18/2017 00:15	741.02	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
132	02/18/2017 00:16	741.28	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
133	02/18/2017 00:17	741.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
134	02/18/2017 00:18	741.78	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
135	02/18/2017 00:19	742.03	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
136	02/18/2017 00:20	742.28	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
137	02/18/2017 00:21	742.52	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
138	02/18/2017 00:22	742.73	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
139	02/18/2017 00:23	742.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
140	02/18/2017 00:24	743.19	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
141	02/18/2017 00:25	743.41	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
142	02/18/2017 00:26	743.63	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
143	02/18/2017 00:27	743.83	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
144	02/18/2017 00:28	744.05	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
145	02/18/2017 00:29	744.23	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
146	02/18/2017 00:30	744.44	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
147	02/18/2017 00:31	744.63	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
148	02/18/2017 00:32	744.83	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
149	02/18/2017 00:33	745.00	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
150	02/18/2017 00:34	745.19	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
151	02/18/2017 00:35	745.38	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
152	02/18/2017 00:36	745.55	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
153	02/18/2017 00:37	745.72	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
154	02/18/2017 00:38	745.89	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
155	02/18/2017 00:39	746.06	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
156	02/18/2017 00:40	746.22	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
157	02/18/2017 00:41	746.38	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
158	02/18/2017 00:42	746.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
159	02/18/2017 00:43	746.67	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
160	02/18/2017 00:44	746.83	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
161	02/18/2017 00:45	746.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
162	02/18/2017 00:46	746.88	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
163	02/18/2017 00:47	746.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
164	02/18/2017 00:48	746.25	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
165	02/18/2017 00:49	745.95	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
166	02/18/2017 00:50	745.64	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
167	02/18/2017 00:51	745.34	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
168	02/18/2017 00:52	745.03	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
169	02/18/2017 00:53	744.73	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
170	02/18/2017 00:54	744.42	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
171	02/18/2017 00:55	744.13	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
172	02/18/2017 00:56	743.83	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
173	02/18/2017 00:57	743.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
174	02/18/2017 00:58	743.23	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
175	02/18/2017 00:59	742.95	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
176	02/18/2017 01:00	742.67	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
177	02/18/2017 01:01	742.39	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
178	02/18/2017 01:02	742.13	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
179	02/18/2017 01:03	741.86	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
180	02/18/2017 01:04	741.61	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
181	02/18/2017 01:05	741.36	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
182	02/18/2017 01:06	741.11	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
183	02/18/2017 01:07	740.88	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
184	02/18/2017 01:08	740.66	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
185	02/18/2017 01:09	740.47	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
186	02/18/2017 01:10	740.28	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
187	02/18/2017 01:11	740.11	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
188	02/18/2017 01:12	739.95	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
189	02/18/2017 01:13	739.80	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
190	02/18/2017 01:14	739.64	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
191	02/18/2017 01:15	739.48	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
192	02/18/2017 01:16	739.33	Malfunction Prior AWFCO	Idled unit. Inspected and 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?
193	02/18/2017 01:17	739.17	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
194	02/18/2017 01:18	739.02	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
195	02/18/2017 01:19	738.88	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
196	02/18/2017 01:20	738.73	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
197	02/18/2017 01:21	738.59	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
198	02/18/2017 01:22	738.47	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
199	02/18/2017 01:23	738.33	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
200	02/18/2017 01:24	738.20	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
201	02/18/2017 01:25	738.08	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
202	02/18/2017 01:26	737.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
203	02/18/2017 01:27	737.86	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
204	02/18/2017 01:28	737.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
205	02/18/2017 01:29	737.64	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
206	02/18/2017 01:30	737.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
207	02/18/2017 01:31	737.44	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
208	02/18/2017 01:32	737.33	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
209	02/18/2017 01:33	737.23	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
210	02/18/2017 01:34	737.13	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
211	02/18/2017 01:35	737.03	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
212	02/18/2017 01:36	736.94	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
213	02/18/2017 01:37	736.84	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
214	02/18/2017 01:38	736.77	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
215	02/18/2017 01:39	736.69	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
216	02/18/2017 01:40	736.61	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
217	02/18/2017 01:41	736.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
218	02/18/2017 01:42	736.45	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
219	02/18/2017 01:43	736.39	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
220	02/18/2017 01:44	736.31	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
221	02/18/2017 01:45	736.25	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
222	02/18/2017 01:46	736.17	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
223	02/18/2017 01:47	736.11	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
224	02/18/2017 01:48	736.05	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
225	02/18/2017 01:49	735.98	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
226	02/18/2017 01:50	735.92	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
227	02/18/2017 01:51	735.86	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
228	02/18/2017 01:52	735.81	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
229	02/18/2017 01:53	735.77	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
230	02/18/2017 01:54	735.70	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
231	02/18/2017 01:55	735.66	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
232	02/18/2017 01:56	735.59	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
233	02/18/2017 01:57	735.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
234	02/18/2017 01:58	735.48	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
235	02/18/2017 01:59	735.44	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
236	02/18/2017 02:00	735.38	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
237	02/18/2017 02:01	735.33	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
238	02/18/2017 02:02	735.28	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
239	02/18/2017 02:03	735.23	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
240	02/18/2017 02:04	735.19	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
241	03/21/2017 01:07	1708.69	Shutdown Power Failure	unit.	Retention	Yes	Yes
242	03/21/2017 01:08	1702.47	Shutdown Power Failure	unit.	Retention	Yes	Yes
243	03/21/2017 01:09	1697.34	Shutdown Power Failure	unit.	Retention	Yes	Yes
244	03/21/2017 01:10	1693.28	Shutdown Power Failure	unit.	Retention	Yes	Yes
245	03/21/2017 01:11	1690.44	Shutdown Power Failure	unit.	Retention	Yes	Yes
246	03/21/2017 01:12	1687.47	Shutdown Power Failure	unit.	Retention	Yes	Yes
247	03/21/2017 01:13	1683.41	Shutdown Power Failure	unit.	Retention	Yes	Yes
248	03/21/2017 01:14	1678.16	Shutdown Power Failure	unit.	Retention	Yes	Yes
249	03/21/2017 01:15	1671.41	Shutdown Power Failure	unit.	Retention	Yes	Yes
250	03/21/2017 01:16	1663.56	Shutdown Power Failure	unit.	Retention	Yes	Yes
251	03/21/2017 01:17	1655.88	Shutdown Power Failure	unit.	Retention	Yes	Yes
252	03/21/2017 01:18	1648.81	Shutdown Power Failure	unit.	Retention	Yes	Yes
253	03/21/2017 01:19	1642.91	Shutdown Power Failure	unit.	Retention	Yes	Yes
254	03/21/2017 01:20	1638.66	Shutdown Power Failure	unit.	Retention	Yes	Yes
255	03/21/2017 01:21	1635.53	Shutdown Power Failure	unit.	Retention	Yes	Yes
256	03/21/2017 01:22	1633.13	Shutdown Power Failure	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?
257	03/21/2017 01:23	1631.13	Shutdown Power Failure	unit.	Retention	Yes	Yes
258	03/21/2017 01:24	1629.25	Shutdown Power Failure	unit.	Retention	Yes	Yes
259	03/21/2017 01:25	1627.59	Shutdown Power Failure	unit.	Retention	Yes	Yes
260	03/21/2017 01:26	1626.25	Shutdown Power Failure	unit.	Retention	Yes	Yes
261	03/21/2017 01:27	1625.31	Shutdown Power Failure	unit.	Retention	Yes	Yes
262	03/21/2017 01:28	1624.84	Shutdown Power Failure	unit.	Retention	Yes	Yes
263	03/21/2017 01:29	1624.69	Shutdown Power Failure	unit.	Retention	Yes	Yes
264	03/21/2017 01:30	1625.00	Shutdown Power Failure	unit.	Retention	Yes	Yes
265	03/21/2017 01:31	1625.75	Shutdown Power Failure	unit.	Retention	Yes	Yes
266	03/21/2017 01:32	1626.53	Shutdown Power Failure	unit.	Retention	Yes	Yes
267	03/21/2017 01:33	1627.03	Shutdown Power Failure	unit.	Retention	Yes	Yes
268	03/21/2017 01:34	1627.63	Shutdown Power Failure	unit.	Retention	Yes	Yes
269	03/21/2017 01:35	1628.84	Shutdown Power Failure	unit.	Retention	Yes	Yes
270	03/21/2017 01:36	1630.56	Shutdown Power Failure	unit.	Retention	Yes	Yes
271	03/21/2017 01:37	1632.34	Shutdown Power Failure	unit.	Retention	Yes	Yes
272	03/21/2017 01:38	1633.84	Shutdown Power Failure	unit.	Retention	Yes	Yes
273	03/21/2017 01:39	1634.25	Shutdown Power Failure	unit.	Retention	Yes	Yes
274	03/21/2017 01:40	1634.13	Shutdown Power Failure	unit.	Retention	Yes	Yes
		274	Total Minutes in Exceedance				
		3	Number of Events				

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

THC
Excess Emissions Report
Summary

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

Date	MAXIMUM PPM	Duration (min)	Reason	Corrective Action
			Waste	
01/29/2017 21:51	14.5	60	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
01/30/2017 00:00	10.9	59	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
01/30/2017 12:47	10.6	58	Malfunction Lance Purge	Cleared line. Restarted unit.
02/04/2017 17:16	10.6	58	Malfunction Lance plugging	Cleared line. Restarted unit.
02/17/2017 23:05	24.3	180	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.
02/19/2017 05:19	12.4	13	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
02/20/2017 21:44	10.0	27	Malfunction Lance plugging	Cleared line. Restarted unit.
02/21/2017 05:43	10.1	56	Malfunction Lance Purge	Cleared line. Restarted unit.
03/02/2017 07:44	19.3	60	Malfunction Lance plugging	Cleared line. Restarted unit.
03/16/2017 04:24	12.6	59	Malfunction Prior AWFCO	Restarted Unit
03/25/2017 03:36	11.0	57	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.
03/25/2017 11:23	12.8	58	Operator Error Lance Purge	Counseled operator on procedures. Restarted unit.
		745	Total Minutes	
			Fuels	
02/15/2017 12:27	16.1	125	Startup - Outage	Adjusted burner.
02/18/2017 05:15	10.5	1	Startup - Brief Outage	Adjusted burner.
02/18/2017 08:27	11.3	3	Startup - Brief Outage	Adjusted burner.
02/18/2017 10:05	10.9	1	Startup - Brief Outage	Adjusted burner.
02/18/2017 10:13	14.2	2	Startup - Brief Outage	Adjusted burner.
02/18/2017 10:22	17.5	13	Startup - Brief Outage	Adjusted burner.
02/27/2017 22:56	20.3	197	Startup - Brief Outage	Adjusted burner.
		342	Total Minutes	
			Total Emissions for the Quarter	
		208.37	(LBS)	
		0.10	(Tons)	

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

Heritage Thermal Services
1st Quarter 2017

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	01/29/2017 21:51	11.32	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
2	01/29/2017 21:52	13.66	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
3	01/29/2017 21:53	14.34	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
4	01/29/2017 21:54	14.51	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
5	01/29/2017 21:55	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
6	01/29/2017 21:56	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
7	01/29/2017 21:57	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
8	01/29/2017 21:58	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
9	01/29/2017 21:59	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
10	01/29/2017 22:00	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
11	01/29/2017 22:01	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
12	01/29/2017 22:02	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
13	01/29/2017 22:03	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
14	01/29/2017 22:04	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
15	01/29/2017 22:05	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
16	01/29/2017 22:06	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
17	01/29/2017 22:07	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
18	01/29/2017 22:08	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
19	01/29/2017 22:09	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
20	01/29/2017 22:10	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
21	01/29/2017 22:11	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
22	01/29/2017 22:12	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
23	01/29/2017 22:13	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
24	01/29/2017 22:14	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
25	01/29/2017 22:15	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
26	01/29/2017 22:16	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
27	01/29/2017 22:17	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
28	01/29/2017 22:18	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
29	01/29/2017 22:19	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
30	01/29/2017 22:20	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
31	01/29/2017 22:21	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
32	01/29/2017 22:22	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
33	01/29/2017 22:23	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
34	01/29/2017 22:24	14.54	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
35	01/29/2017 22:25	14.53	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
36	01/29/2017 22:26	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
37	01/29/2017 22:27	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
38	01/29/2017 22:28	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
39	01/29/2017 22:29	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
40	01/29/2017 22:30	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
41	01/29/2017 22:31	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
42	01/29/2017 22:32	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
43	01/29/2017 22:33	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
44	01/29/2017 22:34	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
45	01/29/2017 22:35	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
46	01/29/2017 22:36	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
47	01/29/2017 22:37	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
48	01/29/2017 22:38	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
49	01/29/2017 22:39	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
50	01/29/2017 22:40	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
51	01/29/2017 22:41	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
52	01/29/2017 22:42	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
53	01/29/2017 22:43	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
54	01/29/2017 22:44	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
55	01/29/2017 22:45	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
56	01/29/2017 22:46	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
57	01/29/2017 22:47	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
58	01/29/2017 22:48	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
59	01/29/2017 22:49	14.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
60	01/29/2017 22:50	11.42	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
61	01/30/2017 00:00	10.02	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
62	01/30/2017 00:01	10.76	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
63	01/30/2017 00:02	10.91	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
64	01/30/2017 00:03	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
65	01/30/2017 00:04	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
66	01/30/2017 00:05	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
67	01/30/2017 00:06	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
68	01/30/2017 00:07	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
69	01/30/2017 00:08	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
70	01/30/2017 00:09	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
71	01/30/2017 00:10	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
72	01/30/2017 00:11	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
73	01/30/2017 00:12	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
74	01/30/2017 00:13	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
75	01/30/2017 00:14	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
76	01/30/2017 00:15	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
77	01/30/2017 00:16	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
78	01/30/2017 00:17	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
79	01/30/2017 00:18	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
80	01/30/2017 00:19	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
81	01/30/2017 00:20	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
82	01/30/2017 00:21	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
83	01/30/2017 00:22	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
84	01/30/2017 00:23	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
85	01/30/2017 00:24	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
86	01/30/2017 00:25	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
87	01/30/2017 00:26	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
88	01/30/2017 00:27	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
89	01/30/2017 00:28	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
90	01/30/2017 00:29	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
91	01/30/2017 00:30	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
92	01/30/2017 00:31	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
93	01/30/2017 00:32	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
94	01/30/2017 00:33	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
95	01/30/2017 00:34	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
96	01/30/2017 00:35	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
97	01/30/2017 00:36	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
98	01/30/2017 00:37	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
99	01/30/2017 00:38	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
100	01/30/2017 00:39	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
101	01/30/2017 00:40	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
102	01/30/2017 00:41	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
103	01/30/2017 00:42	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
104	01/30/2017 00:43	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
105	01/30/2017 00:44	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
106	01/30/2017 00:45	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
107	01/30/2017 00:46	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
108	01/30/2017 00:47	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
109	01/30/2017 00:48	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
110	01/30/2017 00:49	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
111	01/30/2017 00:50	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
112	01/30/2017 00:51	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
113	01/30/2017 00:52	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
114	01/30/2017 00:53	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
115	01/30/2017 00:54	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
116	01/30/2017 00:55	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
117	01/30/2017 00:56	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
118	01/30/2017 00:57	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
119	01/30/2017 00:58	10.92	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
120	01/30/2017 12:47	10.49	Malfunction Lance Purge	Cleared line. Restarted unit.	Waste	Yes	Yes
121	01/30/2017 12:48	10.61	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
122	01/30/2017 12:49	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
123	01/30/2017 12:50	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
124	01/30/2017 12:51	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
125	01/30/2017 12:52	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
126	01/30/2017 12:53	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
127	01/30/2017 12:54	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
128	01/30/2017 12:55	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
129	01/30/2017 12:56	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
130	01/30/2017 12:57	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
131	01/30/2017 12:58	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
132	01/30/2017 12:59	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
133	01/30/2017 13:00	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
134	01/30/2017 13:01	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
135	01/30/2017 13:02	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
136	01/30/2017 13:03	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
137	01/30/2017 13:04	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
138	01/30/2017 13:05	10.63	Malfunction Lance Purge	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?
139	01/30/2017 13:06	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
140	01/30/2017 13:07	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
141	01/30/2017 13:08	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
142	01/30/2017 13:09	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
143	01/30/2017 13:10	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
144	01/30/2017 13:11	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
145	01/30/2017 13:12	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
146	01/30/2017 13:13	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
147	01/30/2017 13:14	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
148	01/30/2017 13:15	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
149	01/30/2017 13:16	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
150	01/30/2017 13:17	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
151	01/30/2017 13:18	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
152	01/30/2017 13:19	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
153	01/30/2017 13:20	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
154	01/30/2017 13:21	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
155	01/30/2017 13:22	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
156	01/30/2017 13:23	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
157	01/30/2017 13:24	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
158	01/30/2017 13:25	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
159	01/30/2017 13:26	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
160	01/30/2017 13:27	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
161	01/30/2017 13:28	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
162	01/30/2017 13:29	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
163	01/30/2017 13:30	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
164	01/30/2017 13:31	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
165	01/30/2017 13:32	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
166	01/30/2017 13:33	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
167	01/30/2017 13:34	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
168	01/30/2017 13:35	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
169	01/30/2017 13:36	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
170	01/30/2017 13:37	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
171	01/30/2017 13:38	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
172	01/30/2017 13:39	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
173	01/30/2017 13:40	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
174	01/30/2017 13:41	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
175	01/30/2017 13:42	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
176	01/30/2017 13:43	10.63	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
177	01/30/2017 13:44	10.43	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
178	02/04/2017 17:16	10.39	Malfunction Lance plugging	Cleared line. Restarted unit.	Waste	Yes	Yes
179	02/04/2017 17:17	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
180	02/04/2017 17:18	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
181	02/04/2017 17:19	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
182	02/04/2017 17:20	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
183	02/04/2017 17:21	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
184	02/04/2017 17:22	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
185	02/04/2017 17:23	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
186	02/04/2017 17:24	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
187	02/04/2017 17:25	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
188	02/04/2017 17:26	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
189	02/04/2017 17:27	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
190	02/04/2017 17:28	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
191	02/04/2017 17:29	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
192	02/04/2017 17:30	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
193	02/04/2017 17:31	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
194	02/04/2017 17:32	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
195	02/04/2017 17:33	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
196	02/04/2017 17:34	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
197	02/04/2017 17:35	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
198	02/04/2017 17:36	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
199	02/04/2017 17:37	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
200	02/04/2017 17:38	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
201	02/04/2017 17:39	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
202	02/04/2017 17:40	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
203	02/04/2017 17:41	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
204	02/04/2017 17:42	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
205	02/04/2017 17:43	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
206	02/04/2017 17:44	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
207	02/04/2017 17:45	10.63	Malfunction Lance 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?
208	02/04/2017 17:46	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
209	02/04/2017 17:47	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
210	02/04/2017 17:48	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
211	02/04/2017 17:49	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
212	02/04/2017 17:50	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
213	02/04/2017 17:51	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
214	02/04/2017 17:52	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
215	02/04/2017 17:53	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
216	02/04/2017 17:54	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
217	02/04/2017 17:55	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
218	02/04/2017 17:56	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
219	02/04/2017 17:57	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
220	02/04/2017 17:58	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
221	02/04/2017 17:59	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
222	02/04/2017 18:00	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
223	02/04/2017 18:01	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
224	02/04/2017 18:02	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
225	02/04/2017 18:03	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
226	02/04/2017 18:04	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
227	02/04/2017 18:05	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
228	02/04/2017 18:06	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
229	02/04/2017 18:07	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
230	02/04/2017 18:08	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
231	02/04/2017 18:09	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
232	02/04/2017 18:10	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
233	02/04/2017 18:11	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
234	02/04/2017 18:12	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
235	02/04/2017 18:13	10.63	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
236	02/17/2017 23:05	10.10	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
237	02/17/2017 23:06	10.65	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
238	02/17/2017 23:07	11.41	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
239	02/17/2017 23:08	12.06	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
240	02/17/2017 23:09	12.40	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
241	02/17/2017 23:10	12.89	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
242	02/17/2017 23:11	13.36	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
243	02/17/2017 23:12	13.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
244	02/17/2017 23:13	14.33	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
245	02/17/2017 23:14	14.96	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
246	02/17/2017 23:15	15.49	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
247	02/17/2017 23:16	15.98	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
248	02/17/2017 23:17	16.39	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
249	02/17/2017 23:18	16.67	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
250	02/17/2017 23:19	16.86	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
251	02/17/2017 23:20	16.98	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
252	02/17/2017 23:21	17.10	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
253	02/17/2017 23:22	17.23	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
254	02/17/2017 23:23	17.34	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
255	02/17/2017 23:24	17.50	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
256	02/17/2017 23:25	17.66	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
257	02/17/2017 23:26	17.81	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
258	02/17/2017 23:27	17.93	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
259	02/17/2017 23:28	18.02	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
260	02/17/2017 23:29	18.10	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
261	02/17/2017 23:30	18.16	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
262	02/17/2017 23:31	18.23	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
263	02/17/2017 23:32	18.29	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
264	02/17/2017 23:33	18.33	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
265	02/17/2017 23:34	18.39	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
266	02/17/2017 23:35	18.45	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
267	02/17/2017 23:36	18.52	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
268	02/17/2017 23:37	18.59	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
269	02/17/2017 23:38	18.69	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
270	02/17/2017 23:39	18.81	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
271	02/17/2017 23:40	18.91	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
272	02/17/2017 23:41	19.01	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
273	02/17/2017 23:42	19.13	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
274	02/17/2017 23:43	19.26	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
275	02/17/2017 23:44	19.42	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
276	02/17/2017 23:45	19.62	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
277	02/17/2017 23:46	19.89	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
278	02/17/2017 23:47	20.18	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
279	02/17/2017 23:48	20.46	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
280	02/17/2017 23:49	20.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
281	02/17/2017 23:50	21.08	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
282	02/17/2017 23:51	21.42	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
283	02/17/2017 23:52	21.82	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
284	02/17/2017 23:53	22.21	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
285	02/17/2017 23:54	22.61	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
286	02/17/2017 23:55	23.00	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
287	02/17/2017 23:56	23.41	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
288	02/17/2017 23:57	23.81	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
289	02/17/2017 23:58	24.26	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
290	02/17/2017 23:59	18.64	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
291	02/18/2017 00:00	17.11	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
292	02/18/2017 00:01	16.76	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
293	02/18/2017 00:02	16.70	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
294	02/18/2017 00:03	16.79	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
295	02/18/2017 00:04	17.03	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
296	02/18/2017 00:05	17.16	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
297	02/18/2017 00:06	17.01	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
298	02/18/2017 00:07	16.63	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
299	02/18/2017 00:08	16.40	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
300	02/18/2017 00:09	16.46	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
301	02/18/2017 00:10	16.34	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
302	02/18/2017 00:11	16.26	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
303	02/18/2017 00:12	16.24	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
304	02/18/2017 00:13	16.02	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
305	02/18/2017 00:14	15.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
306	02/18/2017 00:15	15.57	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
307	02/18/2017 00:16	15.43	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
308	02/18/2017 00:17	15.35	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
309	02/18/2017 00:18	15.40	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
310	02/18/2017 00:19	15.54	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
311	02/18/2017 00:20	15.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
312	02/18/2017 00:21	15.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
313	02/18/2017 00:22	16.17	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
314	02/18/2017 00:23	16.38	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
315	02/18/2017 00:24	16.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
316	02/18/2017 00:25	16.71	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
317	02/18/2017 00:26	16.86	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
318	02/18/2017 00:27	17.06	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
319	02/18/2017 00:28	17.28	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
320	02/18/2017 00:29	17.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
321	02/18/2017 00:30	17.78	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
322	02/18/2017 00:31	18.02	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
323	02/18/2017 00:32	18.26	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
324	02/18/2017 00:33	18.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
325	02/18/2017 00:34	18.78	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
326	02/18/2017 00:35	19.01	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
327	02/18/2017 00:36	19.22	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
328	02/18/2017 00:37	19.43	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
329	02/18/2017 00:38	19.61	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
330	02/18/2017 00:39	19.78	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
331	02/18/2017 00:40	19.97	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
332	02/18/2017 00:41	20.15	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
333	02/18/2017 00:42	20.31	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
334	02/18/2017 00:43	20.49	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
335	02/18/2017 00:44	20.62	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
336	02/18/2017 00:45	20.71	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
337	02/18/2017 00:46	20.72	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
338	02/18/2017 00:47	20.72	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
339	02/18/2017 00:48	20.74	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
340	02/18/2017 00:49	20.73	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
341	02/18/2017 00:50	20.67	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
342	02/18/2017 00:51	20.60	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
343	02/18/2017 00:52	20.49	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
344	02/18/2017 00:53	20.39	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
345	02/18/2017 00:54	20.27	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
346	02/18/2017 00:55	20.17	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
347	02/18/2017 00:56	20.05	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
348	02/18/2017 00:57	19.93	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
349	02/18/2017 00:58	19.75	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
350	02/18/2017 00:59	19.56	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
351	02/18/2017 01:00	19.41	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
352	02/18/2017 01:01	19.24	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
353	02/18/2017 01:02	19.08	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
354	02/18/2017 01:03	18.93	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
355	02/18/2017 01:04	18.79	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
356	02/18/2017 01:05	18.67	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
357	02/18/2017 01:06	18.55	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
358	02/18/2017 01:07	18.43	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
359	02/18/2017 01:08	18.28	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
360	02/18/2017 01:09	18.15	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
361	02/18/2017 01:10	18.06	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
362	02/18/2017 01:11	17.95	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
363	02/18/2017 01:12	17.86	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
364	02/18/2017 01:13	17.77	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
365	02/18/2017 01:14	17.68	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
366	02/18/2017 01:15	17.58	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
367	02/18/2017 01:16	17.51	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
368	02/18/2017 01:17	17.44	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
369	02/18/2017 01:18	17.37	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
370	02/18/2017 01:19	17.31	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
371	02/18/2017 01:20	17.26	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
372	02/18/2017 01:21	17.17	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
373	02/18/2017 01:22	17.11	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
374	02/18/2017 01:23	17.06	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
375	02/18/2017 01:24	16.98	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
376	02/18/2017 01:25	16.93	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
377	02/18/2017 01:26	16.89	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
378	02/18/2017 01:27	16.81	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
379	02/18/2017 01:28	16.76	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
380	02/18/2017 01:29	16.69	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
381	02/18/2017 01:30	16.63	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
382	02/18/2017 01:31	16.58	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
383	02/18/2017 01:32	16.53	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
384	02/18/2017 01:33	16.47	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
385	02/18/2017 01:34	16.40	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
386	02/18/2017 01:35	16.34	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
387	02/18/2017 01:36	16.31	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
388	02/18/2017 01:37	16.28	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
389	02/18/2017 01:38	16.25	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
390	02/18/2017 01:39	16.20	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
391	02/18/2017 01:40	16.14	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
392	02/18/2017 01:41	16.11	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
393	02/18/2017 01:42	16.06	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
394	02/18/2017 01:43	16.00	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
395	02/18/2017 01:44	15.95	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
396	02/18/2017 01:45	15.89	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
397	02/18/2017 01:46	15.84	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
398	02/18/2017 01:47	15.79	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
399	02/18/2017 01:48	15.74	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
400	02/18/2017 01:49	15.70	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
401	02/18/2017 01:50	15.67	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
402	02/18/2017 01:51	15.63	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
403	02/18/2017 01:52	15.60	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
404	02/18/2017 01:53	15.55	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
405	02/18/2017 01:54	15.50	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
406	02/18/2017 01:55	15.45	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
407	02/18/2017 01:56	15.39	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
408	02/18/2017 01:57	15.36	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
409	02/18/2017 01:58	15.33	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
410	02/18/2017 01:59	15.30	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
411	02/18/2017 02:00	15.26	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
412	02/18/2017 02:01	15.21	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
413	02/18/2017 02:02	15.18	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
414	02/18/2017 02:03	15.16	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
415	02/18/2017 02:04	15.11	Malfunction Prior AWFCO	Idled unit. Inspected and restarted.	Retention	Yes	Yes
416	02/19/2017 05:19	11.45	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
417	02/19/2017 05:20	12.25	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
418	02/19/2017 05:21	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
419	02/19/2017 05:22	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
420	02/19/2017 05:23	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
421	02/19/2017 05:24	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
422	02/19/2017 05:25	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
423	02/19/2017 05:26	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
424	02/19/2017 05:27	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
425	02/19/2017 05:28	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
426	02/19/2017 05:29	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
427	02/19/2017 05:30	12.39	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
428	02/19/2017 05:31	10.93	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
429	02/20/2017 21:44	10.00	Malfunction Lance plugging	Cleared line. Restarted unit.	Waste	Yes	Yes
430	02/20/2017 21:45	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
431	02/20/2017 21:46	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
432	02/20/2017 21:47	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
433	02/20/2017 21:48	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
434	02/20/2017 21:49	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
435	02/20/2017 21:50	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
436	02/20/2017 21:51	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
437	02/20/2017 21:52	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
438	02/20/2017 21:53	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
439	02/20/2017 21:54	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
440	02/20/2017 21:55	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
441	02/20/2017 21:56	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
442	02/20/2017 21:57	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
443	02/20/2017 21:58	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
444	02/20/2017 21:59	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
445	02/20/2017 22:00	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
446	02/20/2017 22:01	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
447	02/20/2017 22:02	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
448	02/20/2017 22:03	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
449	02/20/2017 22:04	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
450	02/20/2017 22:05	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
451	02/20/2017 22:06	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
452	02/20/2017 22:07	10.02	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
453	02/20/2017 22:08	10.02	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
454	02/20/2017 22:09	10.02	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
455	02/20/2017 22:10	10.02	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
456	02/21/2017 05:43	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Waste	Yes	Yes
457	02/21/2017 05:44	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
458	02/21/2017 05:45	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
459	02/21/2017 05:46	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
460	02/21/2017 05:47	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
461	02/21/2017 05:48	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
462	02/21/2017 05:49	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
463	02/21/2017 05:50	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
464	02/21/2017 05:51	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
465	02/21/2017 05:52	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
466	02/21/2017 05:53	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
467	02/21/2017 05:54	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
468	02/21/2017 05:55	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
469	02/21/2017 05:56	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
470	02/21/2017 05:57	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
471	02/21/2017 05:58	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
472	02/21/2017 05:59	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
473	02/21/2017 06:00	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
474	02/21/2017 06:01	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
475	02/21/2017 06:02	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
476	02/21/2017 06:03	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
477	02/21/2017 06:04	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
478	02/21/2017 06:05	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
479	02/21/2017 06:06	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
480	02/21/2017 06:07	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
481	02/21/2017 06:08	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
482	02/21/2017 06:09	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
483	02/21/2017 06:10	10.07	Malfunction Lance Purge	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	02/21/2017 06:11	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
485	02/21/2017 06:12	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
486	02/21/2017 06:13	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
487	02/21/2017 06:14	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
488	02/21/2017 06:15	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
489	02/21/2017 06:16	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
490	02/21/2017 06:17	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
491	02/21/2017 06:18	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
492	02/21/2017 06:19	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
493	02/21/2017 06:20	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
494	02/21/2017 06:21	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
495	02/21/2017 06:22	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
496	02/21/2017 06:23	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
497	02/21/2017 06:24	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
498	02/21/2017 06:25	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
499	02/21/2017 06:26	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
500	02/21/2017 06:27	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
501	02/21/2017 06:28	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
502	02/21/2017 06:29	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
503	02/21/2017 06:30	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
504	02/21/2017 06:31	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
505	02/21/2017 06:32	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
506	02/21/2017 06:33	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
507	02/21/2017 06:34	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
508	02/21/2017 06:35	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
509	02/21/2017 06:36	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
510	02/21/2017 06:37	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
511	02/21/2017 06:38	10.07	Malfunction Lance Purge	Cleared line. Restarted unit.	Retention	Yes	Yes
512	03/02/2017 07:44	16.61	Malfunction Lance plugging	Cleared line. Restarted unit.	Waste	Yes	Yes
513	03/02/2017 07:45	18.52	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
514	03/02/2017 07:46	19.21	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
515	03/02/2017 07:47	19.33	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
516	03/02/2017 07:48	19.32	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
517	03/02/2017 07:49	19.32	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
518	03/02/2017 07:50	19.32	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
519	03/02/2017 07:51	19.32	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
520	03/02/2017 07:52	19.32	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
521	03/02/2017 07:53	19.31	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
522	03/02/2017 07:54	19.30	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
523	03/02/2017 07:55	19.28	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
524	03/02/2017 07:56	19.27	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
525	03/02/2017 07:57	19.25	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
526	03/02/2017 07:58	19.21	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
527	03/02/2017 07:59	19.18	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
528	03/02/2017 08:00	19.13	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
529	03/02/2017 08:01	19.09	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
530	03/02/2017 08:02	18.95	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
531	03/02/2017 08:03	18.79	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
532	03/02/2017 08:04	16.80	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
533	03/02/2017 08:05	15.93	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
534	03/02/2017 08:06	15.52	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
535	03/02/2017 08:07	15.40	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
536	03/02/2017 08:08	15.36	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
537	03/02/2017 08:09	15.34	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
538	03/02/2017 08:10	15.33	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
539	03/02/2017 08:11	15.31	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
540	03/02/2017 08:12	15.30	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
541	03/02/2017 08:13	15.29	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
542	03/02/2017 08:14	15.29	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
543	03/02/2017 08:15	15.28	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
544	03/02/2017 08:16	15.27	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
545	03/02/2017 08:17	15.26	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
546	03/02/2017 08:18	15.24	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
547	03/02/2017 08:19	15.23	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
548	03/02/2017 08:20	15.22	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
549	03/02/2017 08:21	15.21	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
550	03/02/2017 08:22	15.20	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
551	03/02/2017 08:23	15.19	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
552	03/02/2017 08:24	15.18	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes

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

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THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
553	03/02/2017 08:25	15.16	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
554	03/02/2017 08:26	15.15	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
555	03/02/2017 08:27	15.14	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
556	03/02/2017 08:28	15.13	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
557	03/02/2017 08:29	15.11	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
558	03/02/2017 08:30	15.09	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
559	03/02/2017 08:31	15.07	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
560	03/02/2017 08:32	15.06	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
561	03/02/2017 08:33	15.04	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
562	03/02/2017 08:34	15.03	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
563	03/02/2017 08:35	15.03	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
564	03/02/2017 08:36	14.98	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
565	03/02/2017 08:37	14.96	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
566	03/02/2017 08:38	14.96	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
567	03/02/2017 08:39	14.96	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
568	03/02/2017 08:40	14.96	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
569	03/02/2017 08:41	14.96	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
570	03/02/2017 08:42	14.96	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
571	03/02/2017 08:43	10.05	Malfunction Lance plugging	Cleared line. Restarted unit.	Retention	Yes	Yes
572	03/16/2017 04:24	10.99	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
573	03/16/2017 04:25	12.14	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
574	03/16/2017 04:26	12.50	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
575	03/16/2017 04:27	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
576	03/16/2017 04:28	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
577	03/16/2017 04:29	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
578	03/16/2017 04:30	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
579	03/16/2017 04:31	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
580	03/16/2017 04:32	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
581	03/16/2017 04:33	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
582	03/16/2017 04:34	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
583	03/16/2017 04:35	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
584	03/16/2017 04:36	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
585	03/16/2017 04:37	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
586	03/16/2017 04:38	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
587	03/16/2017 04:39	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
588	03/16/2017 04:40	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
589	03/16/2017 04:41	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
590	03/16/2017 04:42	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
591	03/16/2017 04:43	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
592	03/16/2017 04:44	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
593	03/16/2017 04:45	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
594	03/16/2017 04:46	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
595	03/16/2017 04:47	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
596	03/16/2017 04:48	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
597	03/16/2017 04:49	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
598	03/16/2017 04:50	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
599	03/16/2017 04:51	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
600	03/16/2017 04:52	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
601	03/16/2017 04:53	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
602	03/16/2017 04:54	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
603	03/16/2017 04:55	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
604	03/16/2017 04:56	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
605	03/16/2017 04:57	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
606	03/16/2017 04:58	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
607	03/16/2017 04:59	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
608	03/16/2017 05:00	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
609	03/16/2017 05:01	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
610	03/16/2017 05:02	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
611	03/16/2017 05:03	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
612	03/16/2017 05:04	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
613	03/16/2017 05:05	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
614	03/16/2017 05:06	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
615	03/16/2017 05:07	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
616	03/16/2017 05:08	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
617	03/16/2017 05:09	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
618	03/16/2017 05:10	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
619	03/16/2017 05:11	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
620	03/16/2017 05:12	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
621	03/16/2017 05:13	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes

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

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

THC
Excess Emissions Report
Waste

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
622	03/16/2017 05:14	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
623	03/16/2017 05:15	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
624	03/16/2017 05:16	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
625	03/16/2017 05:17	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
626	03/16/2017 05:18	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
627	03/16/2017 05:19	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
628	03/16/2017 05:20	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
629	03/16/2017 05:21	12.58	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
630	03/16/2017 05:22	12.06	Malfunction Prior AWFCO	Restarted Unit	Retention	Yes	Yes
631	03/25/2017 03:36	10.23	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Waste	Yes	Yes
632	03/25/2017 03:37	10.65	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
633	03/25/2017 03:38	10.89	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
634	03/25/2017 03:39	10.95	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
635	03/25/2017 03:40	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
636	03/25/2017 03:41	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
637	03/25/2017 03:42	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
638	03/25/2017 03:43	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
639	03/25/2017 03:44	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
640	03/25/2017 03:45	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
641	03/25/2017 03:46	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
642	03/25/2017 03:47	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
643	03/25/2017 03:48	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
644	03/25/2017 03:49	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
645	03/25/2017 03:50	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
646	03/25/2017 03:51	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
647	03/25/2017 03:52	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
648	03/25/2017 03:53	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
649	03/25/2017 03:54	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
650	03/25/2017 03:55	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
651	03/25/2017 03:56	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
652	03/25/2017 03:57	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
653	03/25/2017 03:58	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
654	03/25/2017 03:59	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
655	03/25/2017 04:00	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
656	03/25/2017 04:01	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
657	03/25/2017 04:02	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
658	03/25/2017 04:03	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
659	03/25/2017 04:04	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
660	03/25/2017 04:05	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
661	03/25/2017 04:06	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
662	03/25/2017 04:07	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
663	03/25/2017 04:08	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
664	03/25/2017 04:09	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
665	03/25/2017 04:10	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
666	03/25/2017 04:11	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
667	03/25/2017 04:12	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
668	03/25/2017 04:13	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
669	03/25/2017 04:14	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
670	03/25/2017 04:15	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
671	03/25/2017 04:16	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
672	03/25/2017 04:17	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
673	03/25/2017 04:18	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
674	03/25/2017 04:19	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
675	03/25/2017 04:20	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
676	03/25/2017 04:21	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
677	03/25/2017 04:22	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
678	03/25/2017 04:23	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
679	03/25/2017 04:24	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
680	03/25/2017 04:25	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
681	03/25/2017 04:26	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
682	03/25/2017 04:27	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
683	03/25/2017 04:28	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
684	03/25/2017 04:29	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
685	03/25/2017 04:30	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
686	03/25/2017 04:31	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
687	03/25/2017 04:32	10.96	Malfunction Combustion Anomaly	Reviewed waste feeds. Restarted unit.	Retention	Yes	Yes
688	03/25/2017 11:23	12.15	Operator Error Lance Purge	Counseled operator on flush procedure	Waste	Yes	Yes
689	03/25/2017 11:24	12.71	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
690	03/25/2017 11:25	12.78	Operator Error Lance Purge	Counseled operator on flush procedure	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	03/25/2017 11:26	12.78	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
692	03/25/2017 11:27	12.78	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
693	03/25/2017 11:28	12.78	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
694	03/25/2017 11:29	12.78	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
695	03/25/2017 11:30	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
696	03/25/2017 11:31	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
697	03/25/2017 11:32	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
698	03/25/2017 11:33	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
699	03/25/2017 11:34	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
700	03/25/2017 11:35	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
701	03/25/2017 11:36	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
702	03/25/2017 11:37	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
703	03/25/2017 11:38	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
704	03/25/2017 11:39	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
705	03/25/2017 11:40	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
706	03/25/2017 11:41	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
707	03/25/2017 11:42	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
708	03/25/2017 11:43	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
709	03/25/2017 11:44	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
710	03/25/2017 11:45	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
711	03/25/2017 11:46	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
712	03/25/2017 11:47	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
713	03/25/2017 11:48	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
714	03/25/2017 11:49	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
715	03/25/2017 11:50	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
716	03/25/2017 11:51	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
717	03/25/2017 11:52	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
718	03/25/2017 11:53	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
719	03/25/2017 11:54	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
720	03/25/2017 11:55	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
721	03/25/2017 11:56	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
722	03/25/2017 11:57	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
723	03/25/2017 11:58	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
724	03/25/2017 11:59	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
725	03/25/2017 12:00	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
726	03/25/2017 12:01	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
727	03/25/2017 12:02	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
728	03/25/2017 12:03	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
729	03/25/2017 12:04	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
730	03/25/2017 12:05	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
731	03/25/2017 12:06	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
732	03/25/2017 12:07	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
733	03/25/2017 12:08	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
734	03/25/2017 12:09	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
735	03/25/2017 12:10	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
736	03/25/2017 12:11	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
737	03/25/2017 12:12	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
738	03/25/2017 12:13	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
739	03/25/2017 12:14	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
740	03/25/2017 12:15	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
741	03/25/2017 12:16	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
742	03/25/2017 12:17	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
743	03/25/2017 12:18	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
744	03/25/2017 12:19	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
745	03/25/2017 12:20	12.76	Operator Error Lance Purge	Counseled operator on flush procedure	Retention	Yes	Yes
		745	Total Minutes in Exceedance				
		12	Number of Events				
			Total Emissions for the Quarter				
		208	(LBS)				
		0.10	(Tons)				

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

Heritage Thermal Services
1st Quarter 2017

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

THC
Excess Emissions Report
Fuels

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
1	02/15/2017 12:27	11.16	Startup - Outage	Adjusted burner.	Fuels	No	No
2	02/15/2017 12:28	11.88	Startup - Outage	Adjusted burner.	Fuels	No	No
3	02/15/2017 12:29	12.40	Startup - Outage	Adjusted burner.	Fuels	No	No
4	02/15/2017 12:30	12.68	Startup - Outage	Adjusted burner.	Fuels	No	No
5	02/15/2017 12:31	12.86	Startup - Outage	Adjusted burner.	Fuels	No	No
6	02/15/2017 12:32	13.14	Startup - Outage	Adjusted burner.	Fuels	No	No
7	02/15/2017 12:33	13.64	Startup - Outage	Adjusted burner.	Fuels	No	No
8	02/15/2017 12:34	14.13	Startup - Outage	Adjusted burner.	Fuels	No	No
9	02/15/2017 12:35	14.34	Startup - Outage	Adjusted burner.	Fuels	No	No
10	02/15/2017 12:36	14.55	Startup - Outage	Adjusted burner.	Fuels	No	No
11	02/15/2017 12:37	14.71	Startup - Outage	Adjusted burner.	Fuels	No	No
12	02/15/2017 12:38	14.69	Startup - Outage	Adjusted burner.	Fuels	No	No
13	02/15/2017 12:39	14.53	Startup - Outage	Adjusted burner.	Fuels	No	No
14	02/15/2017 12:40	14.40	Startup - Outage	Adjusted burner.	Fuels	No	No
15	02/15/2017 12:41	14.29	Startup - Outage	Adjusted burner.	Fuels	No	No
16	02/15/2017 12:42	14.21	Startup - Outage	Adjusted burner.	Fuels	No	No
17	02/15/2017 12:43	14.15	Startup - Outage	Adjusted burner.	Fuels	No	No
18	02/15/2017 12:44	14.10	Startup - Outage	Adjusted burner.	Fuels	No	No
19	02/15/2017 12:45	14.08	Startup - Outage	Adjusted burner.	Fuels	No	No
20	02/15/2017 12:46	14.04	Startup - Outage	Adjusted burner.	Fuels	No	No
21	02/15/2017 12:47	14.02	Startup - Outage	Adjusted burner.	Fuels	No	No
22	02/15/2017 12:48	14.00	Startup - Outage	Adjusted burner.	Fuels	No	No
23	02/15/2017 12:49	13.96	Startup - Outage	Adjusted burner.	Fuels	No	No
24	02/15/2017 12:50	13.95	Startup - Outage	Adjusted burner.	Fuels	No	No
25	02/15/2017 12:51	13.95	Startup - Outage	Adjusted burner.	Fuels	No	No
26	02/15/2017 12:52	13.97	Startup - Outage	Adjusted burner.	Fuels	No	No
27	02/15/2017 12:53	14.02	Startup - Outage	Adjusted burner.	Fuels	No	No
28	02/15/2017 12:54	14.07	Startup - Outage	Adjusted burner.	Fuels	No	No
29	02/15/2017 12:55	14.11	Startup - Outage	Adjusted burner.	Fuels	No	No
30	02/15/2017 12:56	14.13	Startup - Outage	Adjusted burner.	Fuels	No	No
31	02/15/2017 12:57	14.15	Startup - Outage	Adjusted burner.	Fuels	No	No
32	02/15/2017 12:58	14.17	Startup - Outage	Adjusted burner.	Fuels	No	No
33	02/15/2017 12:59	14.17	Startup - Outage	Adjusted burner.	Fuels	No	No
34	02/15/2017 13:00	14.17	Startup - Outage	Adjusted burner.	Fuels	No	No
35	02/15/2017 13:01	14.19	Startup - Outage	Adjusted burner.	Fuels	No	No
36	02/15/2017 13:02	14.21	Startup - Outage	Adjusted burner.	Fuels	No	No
37	02/15/2017 13:03	14.24	Startup - Outage	Adjusted burner.	Fuels	No	No
38	02/15/2017 13:04	14.28	Startup - Outage	Adjusted burner.	Fuels	No	No
39	02/15/2017 13:05	14.29	Startup - Outage	Adjusted burner.	Fuels	No	No
40	02/15/2017 13:06	14.30	Startup - Outage	Adjusted burner.	Fuels	No	No
41	02/15/2017 13:07	14.32	Startup - Outage	Adjusted burner.	Fuels	No	No
42	02/15/2017 13:08	14.32	Startup - Outage	Adjusted burner.	Fuels	No	No
43	02/15/2017 13:09	14.34	Startup - Outage	Adjusted burner.	Fuels	No	No
44	02/15/2017 13:10	14.38	Startup - Outage	Adjusted burner.	Fuels	No	No
45	02/15/2017 13:11	14.40	Startup - Outage	Adjusted burner.	Fuels	No	No
46	02/15/2017 13:12	14.42	Startup - Outage	Adjusted burner.	Fuels	No	No
47	02/15/2017 13:13	14.48	Startup - Outage	Adjusted burner.	Fuels	No	No
48	02/15/2017 13:14	14.56	Startup - Outage	Adjusted burner.	Fuels	No	No
49	02/15/2017 13:15	14.60	Startup - Outage	Adjusted burner.	Fuels	No	No
50	02/15/2017 13:16	14.64	Startup - Outage	Adjusted burner.	Fuels	No	No
51	02/15/2017 13:17	14.67	Startup - Outage	Adjusted burner.	Fuels	No	No
52	02/15/2017 13:18	14.69	Startup - Outage	Adjusted burner.	Fuels	No	No
53	02/15/2017 13:19	14.71	Startup - Outage	Adjusted burner.	Fuels	No	No
54	02/15/2017 13:20	14.72	Startup - Outage	Adjusted burner.	Fuels	No	No
55	02/15/2017 13:21	14.94	Startup - Outage	Adjusted burner.	Fuels	No	No
56	02/15/2017 13:22	15.18	Startup - Outage	Adjusted burner.	Fuels	No	No
57	02/15/2017 13:23	15.41	Startup - Outage	Adjusted burner.	Fuels	No	No
58	02/15/2017 13:24	15.49	Startup - Outage	Adjusted burner.	Fuels	No	No
59	02/15/2017 13:25	15.46	Startup - Outage	Adjusted burner.	Fuels	No	No
60	02/15/2017 13:26	15.43	Startup - Outage	Adjusted burner.	Fuels	No	No
61	02/15/2017 13:27	15.44	Startup - Outage	Adjusted burner.	Fuels	No	No
62	02/15/2017 13:28	15.48	Startup - Outage	Adjusted burner.	Fuels	No	No
63	02/15/2017 13:29	15.54	Startup - Outage	Adjusted burner.	Fuels	No	No
64	02/15/2017 13:30	15.62	Startup - Outage	Adjusted burner.	Fuels	No	No
65	02/15/2017 13:31	15.71	Startup - Outage	Adjusted burner.	Fuels	No	No
66	02/15/2017 13:32	15.76	Startup - Outage	Adjusted burner.	Fuels	No	No
67	02/15/2017 13:33	15.73	Startup - Outage	Adjusted burner.	Fuels	No	No
68	02/15/2017 13:34	15.69	Startup - Outage	Adjusted burner.	Fuels	No	No

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

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

THC
Excess Emissions Report
Fuels

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
69	02/15/2017 13:35	15.68	Startup - Outage	Adjusted burner.	Fuels	No	No
70	02/15/2017 13:36	15.65	Startup - Outage	Adjusted burner.	Fuels	No	No
71	02/15/2017 13:37	15.62	Startup - Outage	Adjusted burner.	Fuels	No	No
72	02/15/2017 13:38	15.63	Startup - Outage	Adjusted burner.	Fuels	No	No
73	02/15/2017 13:39	15.67	Startup - Outage	Adjusted burner.	Fuels	No	No
74	02/15/2017 13:40	15.71	Startup - Outage	Adjusted burner.	Fuels	No	No
75	02/15/2017 13:41	15.75	Startup - Outage	Adjusted burner.	Fuels	No	No
76	02/15/2017 13:42	15.77	Startup - Outage	Adjusted burner.	Fuels	No	No
77	02/15/2017 13:43	15.80	Startup - Outage	Adjusted burner.	Fuels	No	No
78	02/15/2017 13:44	15.81	Startup - Outage	Adjusted burner.	Fuels	No	No
79	02/15/2017 13:45	15.81	Startup - Outage	Adjusted burner.	Fuels	No	No
80	02/15/2017 13:46	15.82	Startup - Outage	Adjusted burner.	Fuels	No	No
81	02/15/2017 13:47	15.82	Startup - Outage	Adjusted burner.	Fuels	No	No
82	02/15/2017 13:48	15.82	Startup - Outage	Adjusted burner.	Fuels	No	No
83	02/15/2017 13:49	15.83	Startup - Outage	Adjusted burner.	Fuels	No	No
84	02/15/2017 13:50	15.81	Startup - Outage	Adjusted burner.	Fuels	No	No
85	02/15/2017 13:51	15.80	Startup - Outage	Adjusted burner.	Fuels	No	No
86	02/15/2017 13:52	15.78	Startup - Outage	Adjusted burner.	Fuels	No	No
87	02/15/2017 13:53	15.77	Startup - Outage	Adjusted burner.	Fuels	No	No
88	02/15/2017 13:54	15.77	Startup - Outage	Adjusted burner.	Fuels	No	No
89	02/15/2017 13:55	15.79	Startup - Outage	Adjusted burner.	Fuels	No	No
90	02/15/2017 13:56	15.81	Startup - Outage	Adjusted burner.	Fuels	No	No
91	02/15/2017 13:57	15.85	Startup - Outage	Adjusted burner.	Fuels	No	No
92	02/15/2017 13:58	15.91	Startup - Outage	Adjusted burner.	Fuels	No	No
93	02/15/2017 13:59	15.96	Startup - Outage	Adjusted burner.	Fuels	No	No
94	02/15/2017 14:00	16.01	Startup - Outage	Adjusted burner.	Fuels	No	No
95	02/15/2017 14:01	16.04	Startup - Outage	Adjusted burner.	Fuels	No	No
96	02/15/2017 14:02	16.07	Startup - Outage	Adjusted burner.	Fuels	No	No
97	02/15/2017 14:03	16.09	Startup - Outage	Adjusted burner.	Fuels	No	No
98	02/15/2017 14:04	16.07	Startup - Outage	Adjusted burner.	Fuels	No	No
99	02/15/2017 14:05	15.97	Startup - Outage	Adjusted burner.	Fuels	No	No
100	02/15/2017 14:06	15.82	Startup - Outage	Adjusted burner.	Fuels	No	No
101	02/15/2017 14:07	15.64	Startup - Outage	Adjusted burner.	Fuels	No	No
102	02/15/2017 14:08	15.47	Startup - Outage	Adjusted burner.	Fuels	No	No
103	02/15/2017 14:09	15.27	Startup - Outage	Adjusted burner.	Fuels	No	No
104	02/15/2017 14:10	15.05	Startup - Outage	Adjusted burner.	Fuels	No	No
105	02/15/2017 14:11	14.82	Startup - Outage	Adjusted burner.	Fuels	No	No
106	02/15/2017 14:12	14.60	Startup - Outage	Adjusted burner.	Fuels	No	No
107	02/15/2017 14:13	14.36	Startup - Outage	Adjusted burner.	Fuels	No	No
108	02/15/2017 14:14	14.09	Startup - Outage	Adjusted burner.	Fuels	No	No
109	02/15/2017 14:15	13.86	Startup - Outage	Adjusted burner.	Fuels	No	No
110	02/15/2017 14:16	13.62	Startup - Outage	Adjusted burner.	Fuels	No	No
111	02/15/2017 14:17	13.39	Startup - Outage	Adjusted burner.	Fuels	No	No
112	02/15/2017 14:18	13.18	Startup - Outage	Adjusted burner.	Fuels	No	No
113	02/15/2017 14:19	13.00	Startup - Outage	Adjusted burner.	Fuels	No	No
114	02/15/2017 14:20	12.83	Startup - Outage	Adjusted burner.	Fuels	No	No
115	02/15/2017 14:21	12.64	Startup - Outage	Adjusted burner.	Fuels	No	No
116	02/15/2017 14:22	12.43	Startup - Outage	Adjusted burner.	Fuels	No	No
117	02/15/2017 14:23	12.22	Startup - Outage	Adjusted burner.	Fuels	No	No
118	02/15/2017 14:24	11.98	Startup - Outage	Adjusted burner.	Fuels	No	No
119	02/15/2017 14:25	11.72	Startup - Outage	Adjusted burner.	Fuels	No	No
120	02/15/2017 14:26	11.46	Startup - Outage	Adjusted burner.	Fuels	No	No
121	02/15/2017 14:27	11.17	Startup - Outage	Adjusted burner.	Fuels	No	No
122	02/15/2017 14:28	10.88	Startup - Outage	Adjusted burner.	Fuels	No	No
123	02/15/2017 14:29	10.59	Startup - Outage	Adjusted burner.	Fuels	No	No
124	02/15/2017 14:30	10.29	Startup - Outage	Adjusted burner.	Fuels	No	No
125	02/15/2017 14:31	10.01	Startup - Outage	Adjusted burner.	Fuels	No	No
126	02/18/2017 05:15	10.52	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
127	02/18/2017 08:27	11.03	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
128	02/18/2017 08:28	11.17	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
129	02/18/2017 08:29	11.28	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
130	02/18/2017 10:05	10.90	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
131	02/18/2017 10:13	13.88	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
132	02/18/2017 10:14	14.22	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
133	02/18/2017 10:22	16.86	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
134	02/18/2017 10:23	17.10	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
135	02/18/2017 10:24	17.21	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
136	02/18/2017 10:25	17.30	Startup - Brief Outage	Adjusted burner.	Fuels	No	No

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

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

THC
Excess Emissions Report
Fuels

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
137	02/18/2017 10:26	17.44	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
138	02/18/2017 10:27	17.53	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
139	02/18/2017 10:28	17.37	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
140	02/18/2017 10:29	16.81	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
141	02/18/2017 10:30	16.24	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
142	02/18/2017 10:31	15.79	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
143	02/18/2017 10:32	15.44	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
144	02/18/2017 10:33	15.19	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
145	02/18/2017 10:34	15.00	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
146	02/27/2017 22:56	10.45	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
147	02/27/2017 22:57	11.02	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
148	02/27/2017 22:58	11.52	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
149	02/27/2017 22:59	11.90	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
150	02/27/2017 23:00	12.24	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
151	02/27/2017 23:01	12.65	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
152	02/27/2017 23:02	13.11	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
153	02/27/2017 23:03	13.47	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
154	02/27/2017 23:04	13.76	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
155	02/27/2017 23:05	13.99	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
156	02/27/2017 23:06	14.21	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
157	02/27/2017 23:07	14.43	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
158	02/27/2017 23:08	14.63	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
159	02/27/2017 23:09	14.77	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
160	02/27/2017 23:10	14.91	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
161	02/27/2017 23:11	15.09	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
162	02/27/2017 23:12	15.30	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
163	02/27/2017 23:13	15.49	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
164	02/27/2017 23:14	15.65	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
165	02/27/2017 23:15	15.78	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
166	02/27/2017 23:16	15.88	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
167	02/27/2017 23:17	15.97	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
168	02/27/2017 23:18	16.04	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
169	02/27/2017 23:19	16.09	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
170	02/27/2017 23:20	16.14	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
171	02/27/2017 23:21	16.23	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
172	02/27/2017 23:22	16.38	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
173	02/27/2017 23:23	16.54	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
174	02/27/2017 23:24	16.69	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
175	02/27/2017 23:25	16.80	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
176	02/27/2017 23:26	16.88	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
177	02/27/2017 23:27	16.93	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
178	02/27/2017 23:28	16.98	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
179	02/27/2017 23:29	17.01	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
180	02/27/2017 23:30	17.03	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
181	02/27/2017 23:31	17.08	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
182	02/27/2017 23:32	17.18	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
183	02/27/2017 23:33	17.32	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
184	02/27/2017 23:34	17.45	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
185	02/27/2017 23:35	17.56	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
186	02/27/2017 23:36	17.63	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
187	02/27/2017 23:37	17.70	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
188	02/27/2017 23:38	17.75	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
189	02/27/2017 23:39	17.79	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
190	02/27/2017 23:40	17.81	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
191	02/27/2017 23:41	17.84	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
192	02/27/2017 23:42	17.92	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
193	02/27/2017 23:43	18.02	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
194	02/27/2017 23:44	18.10	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
195	02/27/2017 23:45	18.16	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
196	02/27/2017 23:46	18.20	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
197	02/27/2017 23:47	18.45	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
198	02/27/2017 23:48	18.68	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
199	02/27/2017 23:49	18.92	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
200	02/27/2017 23:50	19.06	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
201	02/27/2017 23:51	19.20	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
202	02/27/2017 23:52	19.37	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
203	02/27/2017 23:53	19.52	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
204	02/27/2017 23:54	19.66	Startup - Brief Outage	Adjusted burner.	Fuels	No	No

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

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

THC
Excess Emissions Report
Fuels

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
205	02/27/2017 23:55	19.79	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
206	02/27/2017 23:56	19.86	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
207	02/27/2017 23:57	19.90	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
208	02/27/2017 23:58	19.93	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
209	02/27/2017 23:59	19.99	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
210	02/28/2017 00:00	20.02	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
211	02/28/2017 00:01	20.02	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
212	02/28/2017 00:02	20.00	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
213	02/28/2017 00:03	20.02	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
214	02/28/2017 00:04	20.07	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
215	02/28/2017 00:05	20.13	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
216	02/28/2017 00:06	20.16	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
217	02/28/2017 00:07	20.17	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
218	02/28/2017 00:08	20.16	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
219	02/28/2017 00:09	20.18	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
220	02/28/2017 00:10	20.20	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
221	02/28/2017 00:11	20.17	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
222	02/28/2017 00:12	20.13	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
223	02/28/2017 00:13	20.14	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
224	02/28/2017 00:14	20.15	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
225	02/28/2017 00:15	20.18	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
226	02/28/2017 00:16	20.21	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
227	02/28/2017 00:17	20.22	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
228	02/28/2017 00:18	20.24	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
229	02/28/2017 00:19	20.25	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
230	02/28/2017 00:20	20.28	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
231	02/28/2017 00:21	20.27	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
232	02/28/2017 00:22	20.22	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
233	02/28/2017 00:23	20.18	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
234	02/28/2017 00:24	20.16	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
235	02/28/2017 00:25	20.16	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
236	02/28/2017 00:26	20.16	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
237	02/28/2017 00:27	20.17	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
238	02/28/2017 00:28	20.18	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
239	02/28/2017 00:29	20.18	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
240	02/28/2017 00:30	20.19	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
241	02/28/2017 00:31	20.12	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
242	02/28/2017 00:32	20.02	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
243	02/28/2017 00:33	19.89	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
244	02/28/2017 00:34	19.78	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
245	02/28/2017 00:35	19.69	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
246	02/28/2017 00:36	19.61	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
247	02/28/2017 00:37	19.52	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
248	02/28/2017 00:38	19.43	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
249	02/28/2017 00:39	19.36	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
250	02/28/2017 00:40	19.30	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
251	02/28/2017 00:41	19.23	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
252	02/28/2017 00:42	19.13	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
253	02/28/2017 00:43	18.99	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
254	02/28/2017 00:44	18.86	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
255	02/28/2017 00:45	18.80	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
256	02/28/2017 00:46	18.76	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
257	02/28/2017 00:47	18.72	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
258	02/28/2017 00:48	18.67	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
259	02/28/2017 00:49	18.61	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
260	02/28/2017 00:50	18.56	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
261	02/28/2017 00:51	18.51	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
262	02/28/2017 00:52	18.43	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
263	02/28/2017 00:53	18.34	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
264	02/28/2017 00:54	18.25	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
265	02/28/2017 00:55	18.19	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
266	02/28/2017 00:56	18.14	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
267	02/28/2017 00:57	18.10	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
268	02/28/2017 00:58	18.03	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
269	02/28/2017 00:59	17.94	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
270	02/28/2017 01:00	17.88	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
271	02/28/2017 01:01	17.82	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
272	02/28/2017 01:02	17.76	Startup - Brief Outage	Adjusted burner.	Fuels	No	No

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

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

THC
Excess Emissions Report
Fuels

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
273	02/28/2017 01:03	17.66	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
274	02/28/2017 01:04	17.56	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
275	02/28/2017 01:05	17.48	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
276	02/28/2017 01:06	17.41	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
277	02/28/2017 01:07	17.36	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
278	02/28/2017 01:08	17.32	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
279	02/28/2017 01:09	17.24	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
280	02/28/2017 01:10	17.18	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
281	02/28/2017 01:11	17.13	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
282	02/28/2017 01:12	17.07	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
283	02/28/2017 01:13	16.97	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
284	02/28/2017 01:14	16.88	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
285	02/28/2017 01:15	16.79	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
286	02/28/2017 01:16	16.73	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
287	02/28/2017 01:17	16.66	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
288	02/28/2017 01:18	16.58	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
289	02/28/2017 01:19	16.48	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
290	02/28/2017 01:20	16.37	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
291	02/28/2017 01:21	16.27	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
292	02/28/2017 01:22	16.17	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
293	02/28/2017 01:23	16.05	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
294	02/28/2017 01:24	15.91	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
295	02/28/2017 01:25	15.80	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
296	02/28/2017 01:26	15.71	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
297	02/28/2017 01:27	15.62	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
298	02/28/2017 01:28	15.53	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
299	02/28/2017 01:29	15.43	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
300	02/28/2017 01:30	15.34	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
301	02/28/2017 01:31	15.28	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
302	02/28/2017 01:32	15.20	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
303	02/28/2017 01:33	15.08	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
304	02/28/2017 01:34	14.97	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
305	02/28/2017 01:35	14.86	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
306	02/28/2017 01:36	14.77	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
307	02/28/2017 01:37	14.69	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
308	02/28/2017 01:38	14.59	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
309	02/28/2017 01:39	14.49	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
310	02/28/2017 01:40	14.39	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
311	02/28/2017 01:41	14.28	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
312	02/28/2017 01:42	14.17	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
313	02/28/2017 01:43	14.06	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
314	02/28/2017 01:44	13.96	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
315	02/28/2017 01:45	13.82	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
316	02/28/2017 01:46	13.68	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
317	02/28/2017 01:47	13.54	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
318	02/28/2017 01:48	13.40	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
319	02/28/2017 01:49	13.26	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
320	02/28/2017 01:50	13.13	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
321	02/28/2017 01:51	12.99	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
322	02/28/2017 01:52	12.84	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
323	02/28/2017 01:53	12.68	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
324	02/28/2017 01:54	12.52	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
325	02/28/2017 01:55	12.35	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
326	02/28/2017 01:56	12.20	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
327	02/28/2017 01:57	12.05	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
328	02/28/2017 01:58	11.92	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
329	02/28/2017 01:59	11.80	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
330	02/28/2017 02:00	11.66	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
331	02/28/2017 02:01	11.50	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
332	02/28/2017 02:02	11.36	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
333	02/28/2017 02:03	11.24	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
334	02/28/2017 02:04	11.10	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
335	02/28/2017 02:05	10.94	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
336	02/28/2017 02:06	10.80	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
337	02/28/2017 02:07	10.67	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
338	02/28/2017 02:08	10.54	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
339	02/28/2017 02:09	10.42	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
340	02/28/2017 02:10	10.28	Startup - Brief Outage	Adjusted burner.	Fuels	No	No

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

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

THC
Excess Emissions Report
Fuels

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

	Date	>10 PPM Corr	Reason	Corrective Action	Incinerator Operation	Waste in Combustion Zone?	Automatic Waste Feed Cutoff?
341	02/28/2017 02:11	10.14	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
342	02/28/2017 02:12	10.00	Startup - Brief Outage	Adjusted burner.	Fuels	No	No
		342	Total Minutes in Exceedance				
		7	Number of Events				

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

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		15-Feb-17	06:03 AM	06:24 AM	21	Calibration Check
02-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		16-Feb-17	06:30 AM	06:52 AM	22	Calibration Check
03-Jan-17	06:19 AM	06:41 AM	22	Calibration Check		17-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
04-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
05-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		19-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
06-Jan-17	06:42 AM	07:04 AM	22	Calibration Check		20-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
07-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		21-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
07-Jan-17	07:02 AM	07:12 AM	10	Recalibration		22-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
08-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		23-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
09-Jan-17	07:24 AM	07:46 AM	22	Calibration Check		24-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		25-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		26-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		27-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		28-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		01-Mar-17	05:15 AM	05:36 AM	21	Calibration Check
15-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		02-Mar-17	07:06 AM	07:27 AM	21	Calibration Check
16-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		03-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-17	06:24 AM	06:46 AM	22	Calibration Check		04-Mar-17	05:50 AM	06:11 AM	21	Calibration Check
18-Jan-17	06:29 AM	06:51 AM	22	Calibration Check		05-Mar-17	07:33 AM	07:54 AM	21	Calibration Check
19-Jan-17	06:30 AM	06:52 AM	22	Calibration Check		06-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
20-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		07-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
21-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		08-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
22-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		09-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
23-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		10-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		11-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
25-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		12-Mar-17	07:13 AM	07:35 AM	22	Calibration Check
26-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		13-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-17	07:03 AM	07:11 AM	8	Recalibration		14-Mar-17	06:24 AM	06:45 AM	21	Calibration Check
27-Jan-17	06:07 AM	06:29 AM	22	Calibration Check		15-Mar-17	08:24 AM	08:45 AM	21	Calibration Check
28-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		16-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		17-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-17	06:10 AM	06:32 AM	22	Calibration Check
31-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-17	07:21 AM	07:29 AM	8	Recalibration
01-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		19-Mar-17	06:30 AM	06:38 AM	8	Calibration Check
02-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		20-Mar-17	07:09 AM	07:30 AM	21	Calibration Check
03-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		21-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
04-Feb-17	06:41 AM	07:02 AM	21	Calibration Check		22-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
05-Feb-17	08:39 AM	09:01 AM	22	Calibration Check		23-Mar-17	06:49 AM	07:11 AM	22	Calibration Check
06-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		24-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
07-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		24-Mar-17	07:23 AM	07:45 AM	22	Recalibration
08-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		25-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
09-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		26-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
10-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		27-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
11-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		28-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-17	07:07 AM	07:28 AM	21	Calibration Check		29-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
13-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		30-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-17	06:25 AM	06:47 AM	22	Calibration Check		31-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			972						966	
Total minutes for quality assurance:										
			Minutes							
			1938							

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		15-Feb-17	06:50 AM	06:55 AM	5	Recalibration
02-Jan-17	06:45 AM	06:56 AM	11	Calibration Check		16-Feb-17	06:56 AM	07:07 AM	11	Calibration Check
03-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		17-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
04-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		18-Feb-17	06:45 AM	06:56 AM	11	Calibration Check
05-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		19-Feb-17	06:48 AM	06:59 AM	11	Calibration Check
06-Jan-17	07:09 AM	07:20 AM	11	Calibration Check		20-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
07-Jan-17	07:16 AM	07:28 AM	12	Calibration Check		21-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
08-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		22-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
09-Jan-17	07:10 AM	07:21 AM	11	Calibration Check		23-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
10-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		24-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
11-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		25-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
12-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		26-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
13-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		27-Feb-17	06:46 AM	06:58 AM	12	Calibration Check
14-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		28-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
15-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		01-Mar-17	05:40 AM	05:51 AM	11	Calibration Check
16-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		02-Mar-17	06:45 AM	06:56 AM	11	Calibration Check
17-Jan-17	06:51 AM	07:02 AM	11	Calibration Check		03-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
18-Jan-17	06:56 AM	07:07 AM	11	Calibration Check		04-Mar-17	06:16 AM	06:27 AM	11	Calibration Check
19-Jan-17	06:57 AM	07:08 AM	11	Calibration Check		05-Mar-17	08:01 AM	08:12 AM	11	Calibration Check
20-Jan-17	06:49 AM	07:00 AM	11	Calibration Check		06-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
21-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		07-Mar-17	06:52 AM	07:03 AM	11	Calibration Check
22-Jan-17	06:47 AM	06:58 AM	11	Calibration Check		08-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
23-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		09-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
24-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		10-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
25-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		11-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
26-Jan-17	07:17 AM	07:28 AM	11	Calibration Check		12-Mar-17	06:40 AM	06:51 AM	11	Calibration Check
27-Jan-17	06:40 AM	06:51 AM	11	Calibration Check		12-Mar-17	06:54 AM	07:05 AM	11	Recalibration
28-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		13-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
29-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		14-Mar-17	06:51 AM	07:02 AM	11	Calibration Check
30-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		15-Mar-17	08:50 AM	09:01 AM	11	Calibration Check
31-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		16-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
01-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		17-Mar-17	06:45 AM	06:56 AM	11	Calibration Check
02-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		18-Mar-17	07:33 AM	07:44 AM	11	Calibration Check
03-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		19-Mar-17	06:13 AM	06:24 AM	11	Calibration Check
04-Feb-17	07:07 AM	07:19 AM	12	Calibration Check		20-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
05-Feb-17	09:06 AM	09:17 AM	11	Calibration Check		21-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
06-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		22-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
07-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		22-Mar-17	07:25 AM	07:34 AM	9	Recalibration
08-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		23-Mar-17	06:19 AM	06:30 AM	11	Calibration Check
09-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		24-Mar-17	07:53 AM	08:04 AM	11	Calibration Check
10-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		25-Mar-17	07:11 AM	07:22 AM	11	Calibration Check
11-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		26-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
12-Feb-17	07:34 AM	07:45 AM	11	Calibration Check		27-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
13-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		28-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
14-Feb-17	06:51 AM	07:03 AM	12	Calibration Check		29-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
15-Feb-17	06:32 AM	06:43 AM	11	Calibration Check		30-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
						31-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
			Minutes						Minutes	
			509						510	
Total minutes for quality assurance:										
			Minutes							
			1019							

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

THC Monitors # 1 and # 2 Downtime

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

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation	Coincidence
				THC #1			
WORK ON THIS ANALYZER							
3/24/2017	6:35 AM	7:25 AM	50	bad pump	Changed Pump	On Hazardous Waste	
OUT OF CONTROL PERIODS							
1/6/2017	7:04 AM	-----	-----	-----	-----	-----	
1/7/2017	-----	7:12 AM	1448	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste	
3/23/2017	7:11 AM	-----	-----	-----	-----	-----	
SYSTEM RECALIBRATIONS							
1/7/2017	7:02 AM	7:12 AM	10	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
1/26/2017	7:03 AM	7:11 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
3/18/2017	7:21 AM	7:29 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
3/24/2017	7:23 AM	7:45 AM	22	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
1/14/2017	5:45 AM	6:02 AM	17	OTHER ANALYZER WORK DONE (Nox)	Manual Calibration	On Hazardous Waste	
1/24/2017	3:45 PM	3:56 PM	11	OTHER ANALYZER WORK DONE (Nox)	Manual Calibration	On Hazardous Waste	
1/31/2017	3:18 PM	3:37 PM	19	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
				THC #2			
WORK ON THIS ANALYZER							
3/22/2017	7:19 AM	7:25 AM	6	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste	
OUT OF CONTROL PERIODS							
3/21/2017	7:01 AM	-----	-----	-----	-----	-----	
3/22/2017	-----	7:34 AM	1473	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste	
SYSTEM RECALIBRATIONS							
2/15/2017	6:50 AM	6:55 AM	5	STACK RE-CALIBRATION	NONE	Off-line	
3/12/2017	6:54 AM	7:05 AM	11	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
3/22/2017	7:25 AM	7:34 AM	9	STACK RE-CALIBRATION	NONE	On Hazardous Waste	
OTHER ANALYZER WORK AFFECTING THIS ANALYZER							
1/31/2017	2:06 PM	2:55 PM	49	OTHER ANALYZER WORK DONE (CO)	Complete PM	On Hazardous Waste	
1/31/2017	3:40 PM	3:50 PM	10	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste	
				Other			
UNRECORDED TIME (MISSING MINUTES)							
3/12/2017	11:33 AM	11:33 AM	38	Missing	DST Time Change		
TOTAL MINUTES IN QUARTER:					129,600		
TOTAL OPERATING TIME OF SOURCE:					127,845		
TOTAL DOWNTIME OF CEM SYSTEM:					38		
CEM DOWNTIME DURING SOURCE OPERATING TIME:					38		
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					127,807		
SYSTEM AVAILABILITY					100.0%		
Cells with this format is not counted toward source operating time.							

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

THC Monitors
PM

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

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

Emissions Limits:
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
		0	Total Minutes	
			Total Emissions for the Quarter	
		38334	(LBS)	
		19.2	(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
01/01/2017 03:00	21.17	
01/01/2017 06:00	19.23	
01/01/2017 09:00	15.41	
01/01/2017 12:00	10.94	
01/01/2017 15:00	15.06	
01/01/2017 18:00	12.74	
01/01/2017 21:00	12.84	
01/02/2017 00:00	14.96	
01/02/2017 03:00	20.55	
01/02/2017 06:00	20.55	
01/02/2017 09:00	19.17	
01/02/2017 12:00	17.46	
01/02/2017 15:00	13.37	
01/02/2017 18:00	13.27	
01/02/2017 21:00	16.99	
01/03/2017 00:00	20.87	
01/03/2017 03:00	19.70	
01/03/2017 06:00	19.78	
01/03/2017 09:00	18.49	
01/03/2017 12:00	17.02	
01/03/2017 15:00	16.69	
01/03/2017 18:00	17.24	
01/03/2017 21:00	20.24	
01/04/2017 00:00	20.93	
01/04/2017 03:00	21.68	
01/04/2017 06:00	19.26	
01/04/2017 09:00	19.66	
01/04/2017 12:00	19.31	
01/04/2017 15:00	21.53	
01/04/2017 18:00	20.76	
01/04/2017 21:00	22.08	
01/05/2017 00:00	24.33	
01/05/2017 03:00	19.31	
01/05/2017 06:00	20.08	
01/05/2017 09:00	17.99	
01/05/2017 12:00	17.40	
01/05/2017 15:00	18.35	
01/05/2017 18:00	18.20	
01/05/2017 21:00	16.32	
01/06/2017 00:00	19.98	
01/06/2017 03:00	21.81	
01/06/2017 06:00	22.67	
01/06/2017 09:00	16.99	
01/06/2017 12:00	17.81	
01/06/2017 15:00	16.88	
01/06/2017 18:00	22.93	
01/06/2017 21:00	21.35	
01/07/2017 00:00	22.16	
01/07/2017 03:00	23.48	
01/07/2017 06:00	22.84	
01/07/2017 09:00	20.86	

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
01/07/2017 12:00	18.45	
01/07/2017 15:00	19.12	
01/07/2017 18:00	19.33	
01/07/2017 21:00	19.00	
01/08/2017 00:00	18.45	
01/08/2017 03:00	19.46	
01/08/2017 06:00	17.39	
01/08/2017 09:00	20.77	
01/08/2017 12:00	22.71	
01/08/2017 15:00	21.20	
01/08/2017 18:00	20.78	
01/08/2017 21:00	20.98	
01/09/2017 00:00	22.75	
01/09/2017 03:00	22.53	
01/09/2017 06:00	22.27	
01/09/2017 09:00	21.48	
01/09/2017 12:00	20.41	
01/09/2017 15:00	22.84	
01/09/2017 18:00	21.73	
01/09/2017 21:00	20.41	
01/10/2017 00:00	20.03	
01/10/2017 03:00	21.93	
01/10/2017 06:00	22.34	
01/10/2017 09:00	21.19	
01/10/2017 12:00	19.24	
01/10/2017 15:00	22.32	
01/10/2017 18:00	19.62	
01/10/2017 21:00	16.41	
01/11/2017 00:00	3.10	
01/11/2017 03:00	7.54	
01/11/2017 06:00	17.12	
01/11/2017 09:00	18.67	
01/11/2017 12:00	17.71	
01/11/2017 15:00	19.34	
01/11/2017 18:00	19.80	
01/11/2017 21:00	19.11	
01/12/2017 00:00	18.21	
01/12/2017 03:00	18.27	
01/12/2017 06:00	18.96	
01/12/2017 09:00	21.03	
01/12/2017 12:00	18.81	
01/12/2017 15:00	19.68	
01/12/2017 18:00	18.54	
01/12/2017 21:00	24.03	
01/13/2017 00:00	20.51	
01/13/2017 03:00	23.17	
01/13/2017 06:00	22.09	
01/13/2017 09:00	19.75	
01/13/2017 12:00	20.05	
01/13/2017 15:00	20.38	
01/13/2017 18:00	22.54	

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
01/13/2017 21:00	24.27	
01/14/2017 00:00	23.62	
01/14/2017 03:00	22.93	
01/14/2017 06:00	22.89	
01/14/2017 09:00	21.86	
01/14/2017 12:00	20.83	
01/14/2017 15:00	20.33	
01/14/2017 18:00	22.00	
01/14/2017 21:00	19.44	
01/15/2017 00:00	22.65	
01/15/2017 03:00	22.99	
01/15/2017 06:00	24.38	
01/15/2017 09:00	22.67	
01/15/2017 12:00	23.02	
01/15/2017 15:00	20.28	
01/15/2017 18:00	18.96	
01/15/2017 21:00	22.17	
01/16/2017 00:00	21.05	
01/16/2017 03:00	22.35	
01/16/2017 06:00	18.92	
01/16/2017 09:00	19.32	
01/16/2017 12:00	18.81	
01/16/2017 15:00	17.23	
01/16/2017 18:00	16.73	
01/16/2017 21:00	18.25	
01/17/2017 00:00	18.36	
01/17/2017 03:00	17.34	
01/17/2017 06:00	18.30	
01/17/2017 09:00	17.80	
01/17/2017 12:00	17.15	
01/17/2017 15:00	16.41	
01/17/2017 18:00	16.98	
01/17/2017 21:00	19.49	
01/18/2017 00:00	19.44	
01/18/2017 03:00	18.43	
01/18/2017 06:00	18.66	
01/18/2017 09:00	18.17	
01/18/2017 12:00	18.69	
01/18/2017 15:00	20.48	
01/18/2017 18:00	20.87	
01/18/2017 21:00	17.52	
01/19/2017 00:00	18.11	
01/19/2017 03:00	17.05	
01/19/2017 06:00	17.98	
01/19/2017 09:00	17.78	
01/19/2017 12:00	17.30	
01/19/2017 15:00	16.88	
01/19/2017 18:00	14.53	
01/19/2017 21:00	14.31	
01/20/2017 00:00	15.47	
01/20/2017 03:00	15.46	

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
01/20/2017 06:00	14.08	
01/20/2017 09:00	15.24	
01/20/2017 12:00	13.48	
01/20/2017 15:00	13.10	
01/20/2017 18:00	12.80	
01/20/2017 21:00	15.86	
01/21/2017 00:00	18.94	
01/21/2017 03:00	22.30	
01/21/2017 06:00	21.36	
01/21/2017 09:00	20.67	
01/21/2017 12:00	17.47	
01/21/2017 15:00	12.78	
01/21/2017 18:00	13.90	
01/21/2017 21:00	15.94	
01/22/2017 00:00	15.53	
01/22/2017 03:00	15.92	
01/22/2017 06:00	15.53	
01/22/2017 09:00	19.81	
01/22/2017 12:00	22.09	
01/22/2017 15:00	22.67	
01/22/2017 18:00	22.49	
01/22/2017 21:00	21.13	
01/23/2017 00:00	20.94	
01/23/2017 03:00	22.96	
01/23/2017 06:00	23.26	
01/23/2017 09:00	22.26	
01/23/2017 12:00	22.06	
01/23/2017 15:00	23.00	
01/23/2017 18:00	22.10	
01/23/2017 21:00	20.65	
01/24/2017 00:00	23.68	
01/24/2017 03:00	23.12	
01/24/2017 06:00	23.70	
01/24/2017 09:00	23.01	
01/24/2017 12:00	23.05	
01/24/2017 15:00	23.57	
01/24/2017 18:00	19.98	
01/24/2017 21:00	18.16	
01/25/2017 00:00	18.70	
01/25/2017 03:00	18.23	
01/25/2017 06:00	19.00	
01/25/2017 09:00	18.03	
01/25/2017 12:00	21.95	
01/25/2017 15:00	21.12	
01/25/2017 18:00	17.47	
01/25/2017 21:00	17.34	
01/26/2017 00:00	17.50	
01/26/2017 03:00	17.22	
01/26/2017 06:00	21.00	
01/26/2017 09:00	19.26	
01/26/2017 12:00	19.70	

Emissions Limits:
28.36 LBS/Hr
124.23Tons /Years

NOx
Excess Emissions Report
3-Hour Block Averages

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

Time	NOx 3-Hour Block Average (LB/Hr)	Notes
01/26/2017 15:00	19.86	
01/26/2017 18:00	21.54	
01/26/2017 21:00	21.64	
01/27/2017 00:00	19.88	
01/27/2017 03:00	22.50	
01/27/2017 06:00	22.62	
01/27/2017 09:00	23.41	
01/27/2017 12:00	22.20	
01/27/2017 15:00	21.97	
01/27/2017 18:00	25.18	
01/27/2017 21:00	23.78	
01/28/2017 00:00	18.58	
01/28/2017 03:00	19.89	
01/28/2017 06:00	21.07	
01/28/2017 09:00	20.66	
01/28/2017 12:00	19.51	
01/28/2017 15:00	17.91	
01/28/2017 18:00	17.75	
01/28/2017 21:00	20.74	
01/29/2017 00:00	20.42	
01/29/2017 03:00	19.77	
01/29/2017 06:00	19.39	
01/29/2017 09:00	19.34	
01/29/2017 12:00	19.44	
01/29/2017 15:00	18.40	
01/29/2017 18:00	17.43	
01/29/2017 21:00	14.99	
01/30/2017 00:00	14.10	
01/30/2017 03:00	15.74	
01/30/2017 06:00	19.94	
01/30/2017 09:00	19.21	
01/30/2017 12:00	16.32	
01/30/2017 15:00	15.93	
01/30/2017 18:00	18.35	
01/30/2017 21:00	18.18	
01/31/2017 00:00	17.22	
01/31/2017 03:00	16.00	
01/31/2017 06:00	17.64	
01/31/2017 09:00	17.98	
01/31/2017 12:00	18.13	
01/31/2017 15:00	16.30	
01/31/2017 18:00	18.20	
01/31/2017 21:00	17.54	
02/01/2017 00:00	18.76	
02/01/2017 03:00	18.83	
02/01/2017 06:00	21.16	
02/01/2017 09:00	17.20	
02/01/2017 12:00	16.39	
02/01/2017 15:00	17.80	
02/01/2017 18:00	18.40	
02/01/2017 21:00	16.55	

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
02/02/2017 00:00	16.56	
02/02/2017 03:00	16.71	
02/02/2017 06:00	17.18	
02/02/2017 09:00	17.68	
02/02/2017 12:00	17.73	
02/02/2017 15:00	18.39	
02/02/2017 18:00	17.80	
02/02/2017 21:00	17.79	
02/03/2017 00:00	17.08	
02/03/2017 03:00	16.57	
02/03/2017 06:00	17.28	
02/03/2017 09:00	16.67	
02/03/2017 12:00	16.59	
02/03/2017 15:00	19.74	
02/03/2017 18:00	20.97	
02/03/2017 21:00	20.07	
02/04/2017 00:00	22.61	
02/04/2017 03:00	23.13	
02/04/2017 06:00	18.08	
02/04/2017 09:00	17.25	
02/04/2017 12:00	19.55	
02/04/2017 15:00	18.97	
02/04/2017 18:00	19.46	
02/04/2017 21:00	20.40	
02/05/2017 00:00	19.36	
02/05/2017 03:00	16.79	
02/05/2017 06:00	17.23	
02/05/2017 09:00	15.11	
02/05/2017 12:00	16.00	
02/05/2017 15:00	17.34	
02/05/2017 18:00	16.88	
02/05/2017 21:00	16.44	
02/06/2017 00:00	17.16	
02/06/2017 03:00	19.83	
02/06/2017 06:00	19.66	
02/06/2017 09:00	16.43	
02/06/2017 12:00	15.09	
02/06/2017 15:00	15.51	
02/06/2017 18:00	17.68	
02/06/2017 21:00	19.18	
02/07/2017 00:00	17.88	
02/07/2017 03:00	16.40	
02/07/2017 06:00	17.15	
02/07/2017 09:00	15.37	
02/07/2017 12:00	13.80	
02/07/2017 15:00	13.84	
02/07/2017 18:00	14.69	
02/07/2017 21:00	16.47	
02/08/2017 00:00	15.74	
02/08/2017 03:00	16.92	
02/08/2017 06:00	18.62	

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
02/08/2017 09:00	20.71	
02/08/2017 12:00	19.86	
02/08/2017 15:00	18.20	
02/08/2017 18:00	17.72	
02/08/2017 21:00	20.85	
02/09/2017 00:00	18.70	
02/09/2017 03:00	17.64	
02/09/2017 06:00	18.90	
02/09/2017 09:00	19.65	
02/09/2017 12:00	20.07	
02/09/2017 15:00	21.24	
02/09/2017 18:00	23.74	
02/09/2017 21:00	24.99	
02/10/2017 00:00	22.99	
02/10/2017 03:00	22.97	
02/10/2017 06:00	23.23	
02/10/2017 09:00	22.17	
02/10/2017 12:00	21.78	
02/10/2017 15:00	22.95	
02/10/2017 18:00	22.00	
02/10/2017 21:00	20.13	
02/11/2017 00:00	20.25	
02/11/2017 03:00	19.63	
02/11/2017 06:00	21.54	
02/11/2017 09:00	18.22	
02/11/2017 12:00	18.14	
02/11/2017 15:00	20.63	
02/11/2017 18:00	17.58	
02/11/2017 21:00	18.02	
02/12/2017 00:00	19.60	
02/12/2017 03:00	22.00	
02/12/2017 06:00	20.99	
02/12/2017 09:00	20.40	
02/12/2017 12:00	18.43	
02/12/2017 15:00	18.37	
02/12/2017 18:00	20.00	
02/12/2017 21:00	20.24	
02/13/2017 00:00	21.54	
02/13/2017 03:00	21.86	
02/13/2017 06:00	23.97	
02/13/2017 09:00	21.60	
02/13/2017 12:00	16.74	
02/13/2017 15:00	15.95	
02/13/2017 18:00	17.20	
02/13/2017 21:00	18.55	
02/14/2017 00:00	17.16	
02/14/2017 03:00	17.16	
02/14/2017 06:00	16.69	
02/14/2017 09:00	14.34	
02/14/2017 12:00	16.44	
02/14/2017 15:00	18.23	

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
02/14/2017 18:00	20.00	
02/14/2017 21:00	23.01	
02/15/2017 00:00	15.63	
02/15/2017 06:00	0.00	
02/15/2017 09:00	0.00	
02/15/2017 12:00	0.00	
02/15/2017 15:00	3.28	
02/15/2017 18:00	5.05	
02/15/2017 21:00	5.86	
02/16/2017 00:00	17.31	
02/16/2017 03:00	17.79	
02/16/2017 06:00	16.50	
02/16/2017 09:00	15.99	
02/16/2017 12:00	16.03	
02/16/2017 15:00	15.78	
02/16/2017 18:00	16.44	
02/16/2017 21:00	15.52	
02/17/2017 00:00	15.21	
02/17/2017 03:00	19.22	
02/17/2017 06:00	19.00	
02/17/2017 09:00	20.59	
02/17/2017 12:00	21.79	
02/17/2017 15:00	20.57	
02/17/2017 18:00	18.87	
02/17/2017 21:00	19.84	
02/18/2017 00:00	12.58	
02/18/2017 03:00	0.12	
02/18/2017 06:00	0.48	
02/18/2017 09:00	1.98	
02/18/2017 12:00	0.72	
02/18/2017 15:00	5.72	
02/18/2017 18:00	12.43	
02/18/2017 21:00	16.57	
02/19/2017 00:00	20.99	
02/19/2017 03:00	21.33	
02/19/2017 06:00	14.41	
02/19/2017 09:00	19.06	
02/19/2017 12:00	15.47	
02/19/2017 15:00	14.73	
02/19/2017 18:00	15.04	
02/19/2017 21:00	15.20	
02/20/2017 00:00	15.20	
02/20/2017 03:00	15.85	
02/20/2017 06:00	16.13	
02/20/2017 09:00	17.07	
02/20/2017 12:00	18.38	
02/20/2017 15:00	17.84	
02/20/2017 18:00	22.84	
02/20/2017 21:00	19.13	
02/21/2017 00:00	14.08	
02/21/2017 03:00	21.00	

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
02/21/2017 06:00	17.98	
02/21/2017 09:00	18.27	
02/21/2017 12:00	17.40	
02/21/2017 15:00	14.02	
02/21/2017 18:00	12.84	
02/21/2017 21:00	12.17	
02/22/2017 00:00	16.05	
02/22/2017 03:00	14.83	
02/22/2017 06:00	17.66	
02/22/2017 09:00	16.84	
02/22/2017 12:00	16.21	
02/22/2017 15:00	15.45	
02/22/2017 18:00	13.71	
02/22/2017 21:00	13.39	
02/23/2017 00:00	11.93	
02/23/2017 03:00	14.56	
02/23/2017 06:00	15.88	
02/23/2017 09:00	16.23	
02/23/2017 12:00	16.01	
02/23/2017 15:00	17.48	
02/23/2017 18:00	16.28	
02/23/2017 21:00	17.53	
02/24/2017 00:00	16.55	
02/24/2017 03:00	16.98	
02/24/2017 06:00	16.83	
02/24/2017 09:00	16.55	
02/24/2017 12:00	16.12	
02/24/2017 15:00	16.78	
02/24/2017 18:00	17.03	
02/24/2017 21:00	18.53	
02/25/2017 00:00	20.39	
02/25/2017 03:00	18.62	
02/25/2017 06:00	18.73	
02/25/2017 09:00	16.84	
02/25/2017 12:00	18.40	
02/25/2017 15:00	18.72	
02/25/2017 18:00	21.16	
02/25/2017 21:00	22.77	
02/26/2017 00:00	20.74	
02/26/2017 03:00	22.49	
02/26/2017 06:00	24.45	
02/26/2017 09:00	18.42	
02/26/2017 12:00	17.50	
02/26/2017 15:00	17.61	
02/26/2017 18:00	16.35	
02/26/2017 21:00	16.72	
02/27/2017 00:00	18.14	
02/27/2017 03:00	19.60	
02/27/2017 06:00	19.75	
02/27/2017 09:00	16.60	
02/27/2017 12:00	16.56	

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
02/27/2017 15:00	18.31	
02/27/2017 18:00	0.00	
02/27/2017 21:00	0.00	
02/28/2017 00:00	1.26	
02/28/2017 03:00	4.47	
02/28/2017 06:00	5.90	
02/28/2017 09:00	8.35	
02/28/2017 12:00	17.78	
02/28/2017 15:00	14.45	
02/28/2017 18:00	13.85	
02/28/2017 21:00	15.12	
03/01/2017 00:00	15.85	
03/01/2017 03:00	15.38	
03/01/2017 06:00	15.75	
03/01/2017 09:00	19.80	
03/01/2017 12:00	19.51	
03/01/2017 15:00	16.52	
03/01/2017 18:00	18.13	
03/01/2017 21:00	18.17	
03/02/2017 00:00	18.50	
03/02/2017 03:00	20.37	
03/02/2017 06:00	20.85	
03/02/2017 09:00	13.54	
03/02/2017 12:00	15.61	
03/02/2017 15:00	17.81	
03/02/2017 18:00	16.90	
03/02/2017 21:00	14.69	
03/03/2017 00:00	15.88	
03/03/2017 03:00	16.93	
03/03/2017 06:00	18.39	
03/03/2017 09:00	20.82	
03/03/2017 12:00	19.52	
03/03/2017 15:00	20.25	
03/03/2017 18:00	19.46	
03/03/2017 21:00	21.17	
03/04/2017 00:00	21.26	
03/04/2017 03:00	19.75	
03/04/2017 06:00	20.71	
03/04/2017 09:00	20.62	
03/04/2017 12:00	19.10	
03/04/2017 15:00	19.69	
03/04/2017 18:00	23.49	
03/04/2017 21:00	21.32	
03/05/2017 00:00	22.49	
03/05/2017 03:00	21.21	
03/05/2017 06:00	20.62	
03/05/2017 09:00	16.93	
03/05/2017 12:00	16.30	
03/05/2017 15:00	16.87	
03/05/2017 18:00	16.56	
03/05/2017 21:00	19.29	

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
03/06/2017 00:00	20.14	
03/06/2017 03:00	18.24	
03/06/2017 06:00	20.34	
03/06/2017 09:00	20.39	
03/06/2017 12:00	19.98	
03/06/2017 15:00	18.80	
03/06/2017 18:00	19.06	
03/06/2017 21:00	21.00	
03/07/2017 00:00	21.24	
03/07/2017 03:00	17.94	
03/07/2017 06:00	20.15	
03/07/2017 09:00	17.76	
03/07/2017 12:00	17.49	
03/07/2017 15:00	16.09	
03/07/2017 18:00	16.74	
03/07/2017 21:00	15.52	
03/08/2017 00:00	18.48	
03/08/2017 03:00	16.66	
03/08/2017 06:00	15.38	
03/08/2017 09:00	16.43	
03/08/2017 12:00	19.50	
03/08/2017 15:00	18.89	
03/08/2017 18:00	15.47	
03/08/2017 21:00	15.62	
03/09/2017 00:00	16.27	
03/09/2017 03:00	19.02	
03/09/2017 06:00	14.98	
03/09/2017 09:00	13.80	
03/09/2017 12:00	16.82	
03/09/2017 15:00	17.48	
03/09/2017 18:00	15.59	
03/09/2017 21:00	17.25	
03/10/2017 00:00	16.60	
03/10/2017 03:00	16.53	
03/10/2017 06:00	16.49	
03/10/2017 09:00	16.34	
03/10/2017 12:00	18.19	
03/10/2017 15:00	17.72	
03/10/2017 18:00	16.04	
03/10/2017 21:00	11.99	
03/11/2017 00:00	19.52	
03/11/2017 03:00	21.85	
03/11/2017 06:00	22.89	
03/11/2017 09:00	21.38	
03/11/2017 12:00	21.69	
03/11/2017 15:00	20.87	
03/11/2017 18:00	18.78	
03/11/2017 21:00	17.82	
03/12/2017 00:00	18.57	
03/12/2017 03:00	22.16	
03/12/2017 06:00	23.38	

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
03/12/2017 09:00	22.19	
03/12/2017 12:00	15.28	
03/12/2017 15:00	17.25	
03/12/2017 18:00	21.30	
03/12/2017 21:00	19.78	
03/13/2017 00:00	18.57	
03/13/2017 03:00	21.85	
03/13/2017 06:00	17.67	
03/13/2017 09:00	12.79	
03/13/2017 12:00	16.26	
03/13/2017 15:00	16.13	
03/13/2017 18:00	15.54	
03/13/2017 21:00	16.52	
03/14/2017 00:00	14.27	
03/14/2017 03:00	14.28	
03/14/2017 06:00	15.37	
03/14/2017 09:00	14.97	
03/14/2017 12:00	13.89	
03/14/2017 15:00	17.43	
03/14/2017 18:00	17.72	
03/14/2017 21:00	16.56	
03/15/2017 00:00	16.54	
03/15/2017 03:00	16.75	
03/15/2017 06:00	15.89	
03/15/2017 09:00	17.46	
03/15/2017 12:00	17.98	
03/15/2017 15:00	17.03	
03/15/2017 18:00	15.66	
03/15/2017 21:00	17.94	
03/16/2017 00:00	17.52	
03/16/2017 03:00	17.07	
03/16/2017 06:00	14.54	
03/16/2017 09:00	17.00	
03/16/2017 12:00	16.65	
03/16/2017 15:00	15.87	
03/16/2017 18:00	16.77	
03/16/2017 21:00	16.34	
03/17/2017 00:00	15.88	
03/17/2017 03:00	15.17	
03/17/2017 06:00	16.46	
03/17/2017 09:00	17.30	
03/17/2017 12:00	18.66	
03/17/2017 15:00	18.29	
03/17/2017 18:00	17.41	
03/17/2017 21:00	16.88	
03/18/2017 00:00	16.88	
03/18/2017 03:00	16.54	
03/18/2017 06:00	16.12	
03/18/2017 09:00	12.36	
03/18/2017 12:00	15.48	
03/18/2017 15:00	15.29	

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
03/18/2017 18:00	15.66	
03/18/2017 21:00	17.45	
03/19/2017 00:00	15.43	
03/19/2017 03:00	16.23	
03/19/2017 06:00	11.72	
03/19/2017 09:00	11.87	
03/19/2017 12:00	12.21	
03/19/2017 15:00	12.69	
03/19/2017 18:00	11.35	
03/19/2017 21:00	10.93	
03/20/2017 00:00	12.38	
03/20/2017 03:00	12.22	
03/20/2017 06:00	19.02	
03/20/2017 09:00	11.93	
03/20/2017 12:00	13.22	
03/20/2017 15:00	13.28	
03/20/2017 18:00	12.09	
03/20/2017 21:00	12.74	
03/21/2017 00:00	11.96	
03/21/2017 03:00	11.04	
03/21/2017 06:00	14.77	
03/21/2017 09:00	18.14	
03/21/2017 12:00	19.78	
03/21/2017 15:00	20.37	
03/21/2017 18:00	19.30	
03/21/2017 21:00	18.94	
03/22/2017 00:00	19.15	
03/22/2017 03:00	20.15	
03/22/2017 06:00	21.22	
03/22/2017 09:00	16.70	
03/22/2017 12:00	17.09	
03/22/2017 15:00	18.29	
03/22/2017 18:00	20.71	
03/22/2017 21:00	19.33	
03/23/2017 00:00	17.33	
03/23/2017 03:00	15.46	
03/23/2017 06:00	15.65	
03/23/2017 09:00	19.51	
03/23/2017 12:00	16.89	
03/23/2017 15:00	17.47	
03/23/2017 18:00	19.89	
03/23/2017 21:00	20.73	
03/24/2017 00:00	20.39	
03/24/2017 03:00	12.47	
03/24/2017 06:00	4.16	
03/24/2017 09:00	11.39	
03/24/2017 12:00	17.58	
03/24/2017 15:00	18.40	
03/24/2017 18:00	13.98	
03/24/2017 21:00	15.11	
03/25/2017 00:00	16.71	

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
03/25/2017 03:00	17.49	
03/25/2017 06:00	12.72	
03/25/2017 09:00	15.11	
03/25/2017 12:00	13.76	
03/25/2017 15:00	16.68	
03/25/2017 18:00	20.62	
03/25/2017 21:00	19.48	
03/26/2017 00:00	20.14	
03/26/2017 03:00	17.71	
03/26/2017 06:00	20.49	
03/26/2017 09:00	20.72	
03/26/2017 12:00	19.57	
03/26/2017 15:00	20.47	
03/26/2017 18:00	17.88	
03/26/2017 21:00	15.60	
03/27/2017 00:00	15.31	
03/27/2017 03:00	15.37	
03/27/2017 06:00	16.87	
03/27/2017 09:00	17.59	
03/27/2017 12:00	15.74	
03/27/2017 15:00	16.86	
03/27/2017 18:00	16.47	
03/27/2017 21:00	18.08	
03/28/2017 00:00	21.00	
03/28/2017 03:00	19.20	
03/28/2017 06:00	21.48	
03/28/2017 09:00	21.40	
03/28/2017 12:00	21.38	
03/28/2017 15:00	21.84	
03/28/2017 18:00	21.40	
03/28/2017 21:00	22.27	
03/29/2017 00:00	17.66	
03/29/2017 03:00	19.13	
03/29/2017 06:00	18.94	
03/29/2017 09:00	17.70	
03/29/2017 12:00	17.73	
03/29/2017 15:00	19.43	
03/29/2017 18:00	17.49	
03/29/2017 21:00	15.61	
03/30/2017 00:00	17.78	
03/30/2017 03:00	17.92	
03/30/2017 06:00	19.87	
03/30/2017 09:00	17.07	
03/30/2017 12:00	16.87	
03/30/2017 15:00	14.56	
03/30/2017 18:00	15.71	
03/30/2017 21:00	14.35	
03/31/2017 00:00	20.87	
03/31/2017 03:00	22.46	
03/31/2017 06:00	23.97	
03/31/2017 09:00	21.82	

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
03/31/2017 12:00	20.95	
03/31/2017 15:00	21.84	
03/31/2017 18:00	20.11	
03/31/2017 21:00	18.59	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		15-Feb-17	06:03 AM	06:24 AM	21	Calibration Check
02-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		16-Feb-17	06:30 AM	06:52 AM	22	Calibration Check
03-Jan-17	06:19 AM	06:41 AM	22	Calibration Check		17-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
04-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
05-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		19-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
06-Jan-17	06:42 AM	07:04 AM	22	Calibration Check		20-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
07-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		21-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
07-Jan-17	07:02 AM	07:12 AM	10	Recalibration		22-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
08-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		23-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
09-Jan-17	07:24 AM	07:46 AM	22	Calibration Check		24-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		25-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		26-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		27-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		28-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		01-Mar-17	05:15 AM	05:36 AM	21	Calibration Check
15-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		02-Mar-17	07:06 AM	07:27 AM	21	Calibration Check
16-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		03-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-17	06:24 AM	06:46 AM	22	Calibration Check		04-Mar-17	05:50 AM	06:11 AM	21	Calibration Check
18-Jan-17	06:29 AM	06:51 AM	22	Calibration Check		05-Mar-17	07:33 AM	07:54 AM	21	Calibration Check
19-Jan-17	06:30 AM	06:52 AM	22	Calibration Check		06-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
20-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		07-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
21-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		08-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
22-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		09-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
23-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		10-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		11-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
25-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		12-Mar-17	07:13 AM	07:35 AM	22	Calibration Check
26-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		13-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-17	07:03 AM	07:11 AM	8	Recalibration		14-Mar-17	06:24 AM	06:45 AM	21	Calibration Check
27-Jan-17	06:07 AM	06:29 AM	22	Calibration Check		15-Mar-17	08:24 AM	08:45 AM	21	Calibration Check
28-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		16-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		17-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-17	06:10 AM	06:32 AM	22	Calibration Check
31-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-17	07:21 AM	07:29 AM	8	Recalibration
01-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		19-Mar-17	06:30 AM	06:38 AM	8	Calibration Check
02-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		20-Mar-17	07:09 AM	07:30 AM	21	Calibration Check
03-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		21-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
04-Feb-17	06:41 AM	07:02 AM	21	Calibration Check		22-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
05-Feb-17	08:39 AM	09:01 AM	22	Calibration Check		23-Mar-17	06:49 AM	07:11 AM	22	Calibration Check
06-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		24-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
07-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		24-Mar-17	07:23 AM	07:45 AM	22	Recalibration
08-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		25-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
09-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		26-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
10-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		27-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
11-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		28-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-17	07:07 AM	07:28 AM	21	Calibration Check		29-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
13-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		30-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-17	06:25 AM	06:47 AM	22	Calibration Check		31-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			972						966	
Total minutes for quality assurance:										
			Minutes							
			1938							

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						
1/14/2017	5:45 AM	6:02 AM	17	Excessive Instrument Drift	Manual Calibration	On Hazardous Waste
1/24/2017	2:18 PM	2:49 PM	31	Preventative Maintenance	Cleaned Sample Port	On Hazardous Waste
1/24/2017	3:45 PM	3:56 PM	11	Checking Analyzer	Manual Calibration	On Hazardous Waste
OUT OF CONTROL PERIODS						
3/23/2017	7:11 AM	-----	-----	-----	-----	-----
3/24/2017	-----	7:45 AM	1474	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste
SYSTEM RECALIBRATIONS						
1/7/2017	7:02 AM	7:12 AM	10	STACK RE-CALIBRATION	NONE	On Hazardous Waste
1/26/2017	7:03 AM	7:11 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste
3/18/2017	7:21 AM	7:29 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste
3/24/2017	7:23 AM	7:45 AM	22	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
1/31/2017	3:18 PM	3:37 PM	19	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
3/24/2017	6:35 AM	7:25 AM	50	OTHER ANALYZER WORK DONE (THC #1)	Changed Pump	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/12/2017	11:33 AM	11:33 AM	38	Missing	DST (Time Change)	
TOTAL MINUTES IN QUARTER:					**129,600**	
TOTAL OPERATING TIME OF SOURCE:					**127,845**	
TOTAL DOWNTIME OF CEM SYSTEM:					**1,616**	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**1,616**	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**126,229**	
SYSTEM AVAILABILITY					**98.7%**	
Cells with this format is not counted toward source operating time.						

California Analytical Instruments
Model: 600-CLD
SN: U12052

NOX Monitor Preventative Maintenance

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

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
Summary

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

Date	MAXIMUM LB/MMBTU	Duration (min)	Reason	Corrective Action
		0	Total Minutes	
			Total Emissions for the Quarter	
		1664	(LBS)	
		0.83	(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
01/01/2017 03:00	2.05	
01/01/2017 06:00	1.08	
01/01/2017 09:00	1.72	
01/01/2017 12:00	0.82	
01/01/2017 15:00	0.64	
01/01/2017 18:00	0.33	
01/01/2017 21:00	0.45	
01/02/2017 00:00	1.84	
01/02/2017 03:00	2.37	
01/02/2017 06:00	1.60	
01/02/2017 09:00	2.80	
01/02/2017 12:00	1.96	
01/02/2017 15:00	5.47	
01/02/2017 18:00	1.92	
01/02/2017 21:00	2.65	
01/03/2017 00:00	3.00	
01/03/2017 03:00	2.96	
01/03/2017 06:00	2.30	
01/03/2017 09:00	2.15	
01/03/2017 12:00	2.40	
01/03/2017 15:00	1.66	
01/03/2017 18:00	2.36	
01/03/2017 21:00	0.13	
01/04/2017 00:00	1.56	
01/04/2017 03:00	3.24	
01/04/2017 06:00	3.82	
01/04/2017 09:00	2.71	
01/04/2017 12:00	4.35	
01/04/2017 15:00	3.67	
01/04/2017 18:00	2.31	
01/04/2017 21:00	3.73	
01/05/2017 00:00	4.44	
01/05/2017 03:00	3.44	
01/05/2017 06:00	3.85	
01/05/2017 09:00	3.46	
01/05/2017 12:00	3.17	
01/05/2017 15:00	4.08	
01/05/2017 18:00	1.84	
01/05/2017 21:00	1.56	
01/06/2017 00:00	2.08	
01/06/2017 03:00	3.41	
01/06/2017 06:00	2.62	
01/06/2017 09:00	2.19	
01/06/2017 12:00	1.19	
01/06/2017 15:00	1.10	
01/06/2017 18:00	0.02	
01/06/2017 21:00	0.02	
01/07/2017 00:00	0.02	
01/07/2017 03:00	0.01	
01/07/2017 06:00	0.02	
01/07/2017 09:00	0.02	

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
01/07/2017 12:00	0.00	
01/07/2017 15:00	0.01	
01/07/2017 18:00	0.01	
01/07/2017 21:00	0.01	
01/08/2017 00:00	0.01	
01/08/2017 03:00	0.07	
01/08/2017 06:00	0.05	
01/08/2017 09:00	0.03	
01/08/2017 12:00	0.01	
01/08/2017 15:00	0.01	
01/08/2017 18:00	0.01	
01/08/2017 21:00	0.01	
01/09/2017 00:00	0.02	
01/09/2017 03:00	0.01	
01/09/2017 06:00	0.95	
01/09/2017 09:00	0.10	
01/09/2017 12:00	1.03	
01/09/2017 15:00	0.96	
01/09/2017 18:00	1.15	
01/09/2017 21:00	2.74	
01/10/2017 00:00	0.94	
01/10/2017 03:00	0.66	
01/10/2017 06:00	0.45	
01/10/2017 09:00	0.21	
01/10/2017 12:00	0.00	
01/10/2017 15:00	0.00	
01/10/2017 18:00	0.00	
01/10/2017 21:00	0.00	
01/11/2017 00:00	0.00	
01/11/2017 03:00	0.00	
01/11/2017 06:00	0.00	
01/11/2017 09:00	0.01	
01/11/2017 12:00	0.00	
01/11/2017 15:00	0.00	
01/11/2017 18:00	0.00	
01/11/2017 21:00	0.00	
01/12/2017 00:00	0.00	
01/12/2017 03:00	0.01	
01/12/2017 06:00	0.01	
01/12/2017 09:00	0.09	
01/12/2017 12:00	0.01	
01/12/2017 15:00	0.06	
01/12/2017 18:00	0.58	
01/12/2017 21:00	0.28	
01/13/2017 00:00	0.08	
01/13/2017 03:00	0.00	
01/13/2017 06:00	0.00	
01/13/2017 09:00	0.01	
01/13/2017 12:00	0.00	
01/13/2017 15:00	0.00	
01/13/2017 18:00	0.00	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
01/13/2017 21:00	0.01	
01/14/2017 00:00	0.38	
01/14/2017 03:00	2.15	
01/14/2017 06:00	0.87	
01/14/2017 09:00	0.02	
01/14/2017 12:00	0.00	
01/14/2017 15:00	0.00	
01/14/2017 18:00	0.00	
01/14/2017 21:00	0.46	
01/15/2017 00:00	1.24	
01/15/2017 03:00	1.05	
01/15/2017 06:00	0.37	
01/15/2017 09:00	1.06	
01/15/2017 12:00	0.97	
01/15/2017 15:00	1.22	
01/15/2017 18:00	0.61	
01/15/2017 21:00	0.07	
01/16/2017 00:00	0.00	
01/16/2017 03:00	0.00	
01/16/2017 06:00	0.02	
01/16/2017 09:00	1.32	
01/16/2017 12:00	1.07	
01/16/2017 15:00	0.40	
01/16/2017 18:00	0.84	
01/16/2017 21:00	0.82	
01/17/2017 00:00	0.95	
01/17/2017 03:00	0.24	
01/17/2017 06:00	0.64	
01/17/2017 09:00	0.53	
01/17/2017 12:00	0.30	
01/17/2017 15:00	0.17	
01/17/2017 18:00	0.44	
01/17/2017 21:00	0.00	
01/18/2017 00:00	0.03	
01/18/2017 03:00	0.20	
01/18/2017 06:00	0.02	
01/18/2017 09:00	0.01	
01/18/2017 12:00	0.00	
01/18/2017 15:00	0.00	
01/18/2017 18:00	0.70	
01/18/2017 21:00	0.93	
01/19/2017 00:00	0.01	
01/19/2017 03:00	0.43	
01/19/2017 06:00	1.47	
01/19/2017 09:00	0.56	
01/19/2017 12:00	0.01	
01/19/2017 15:00	0.42	
01/19/2017 18:00	0.07	
01/19/2017 21:00	0.42	
01/20/2017 00:00	0.01	
01/20/2017 03:00	0.01	

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
01/20/2017 06:00	0.26	
01/20/2017 09:00	0.02	
01/20/2017 12:00	0.00	
01/20/2017 15:00	0.04	
01/20/2017 18:00	1.01	
01/20/2017 21:00	1.29	
01/21/2017 00:00	2.68	
01/21/2017 03:00	1.94	
01/21/2017 06:00	1.25	
01/21/2017 09:00	0.04	
01/21/2017 12:00	0.00	
01/21/2017 15:00	0.00	
01/21/2017 18:00	0.00	
01/21/2017 21:00	0.00	
01/22/2017 00:00	0.00	
01/22/2017 03:00	0.00	
01/22/2017 06:00	0.00	
01/22/2017 09:00	0.02	
01/22/2017 12:00	0.01	
01/22/2017 15:00	0.01	
01/22/2017 18:00	0.02	
01/22/2017 21:00	0.00	
01/23/2017 00:00	0.01	
01/23/2017 03:00	0.01	
01/23/2017 06:00	0.01	
01/23/2017 09:00	0.02	
01/23/2017 12:00	0.00	
01/23/2017 15:00	1.89	
01/23/2017 18:00	0.64	
01/23/2017 21:00	1.21	
01/24/2017 00:00	1.33	
01/24/2017 03:00	1.50	
01/24/2017 06:00	1.80	
01/24/2017 09:00	2.10	
01/24/2017 12:00	0.06	
01/24/2017 15:00	0.01	
01/24/2017 18:00	0.04	
01/24/2017 21:00	0.42	
01/25/2017 00:00	0.00	
01/25/2017 03:00	0.01	
01/25/2017 06:00	0.41	
01/25/2017 09:00	0.90	
01/25/2017 12:00	3.62	
01/25/2017 15:00	2.51	
01/25/2017 18:00	0.05	
01/25/2017 21:00	0.01	
01/26/2017 00:00	0.00	
01/26/2017 03:00	0.00	
01/26/2017 06:00	0.44	
01/26/2017 09:00	0.01	
01/26/2017 12:00	0.00	

Emissions Limits:
11.34 LBS/Hr

49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
01/26/2017 15:00	0.00	
01/26/2017 18:00	0.00	
01/26/2017 21:00	0.01	
01/27/2017 00:00	0.02	
01/27/2017 03:00	0.03	
01/27/2017 06:00	0.03	
01/27/2017 09:00	0.07	
01/27/2017 12:00	0.04	
01/27/2017 15:00	0.06	
01/27/2017 18:00	0.08	
01/27/2017 21:00	0.08	
01/28/2017 00:00	0.07	
01/28/2017 03:00	0.07	
01/28/2017 06:00	1.15	
01/28/2017 09:00	0.06	
01/28/2017 12:00	0.01	
01/28/2017 15:00	0.00	
01/28/2017 18:00	0.00	
01/28/2017 21:00	0.00	
01/29/2017 00:00	0.00	
01/29/2017 03:00	0.00	
01/29/2017 06:00	0.00	
01/29/2017 09:00	0.02	
01/29/2017 12:00	0.00	
01/29/2017 15:00	0.00	
01/29/2017 18:00	0.02	
01/29/2017 21:00	0.00	
01/30/2017 00:00	0.03	
01/30/2017 03:00	0.03	
01/30/2017 06:00	0.00	
01/30/2017 09:00	0.02	
01/30/2017 12:00	0.00	
01/30/2017 15:00	0.04	
01/30/2017 18:00	0.14	
01/30/2017 21:00	0.13	
01/31/2017 00:00	0.12	
01/31/2017 03:00	0.12	
01/31/2017 06:00	0.13	
01/31/2017 09:00	0.17	
01/31/2017 12:00	0.17	
01/31/2017 15:00	0.13	
01/31/2017 18:00	0.14	
01/31/2017 21:00	0.13	
02/01/2017 00:00	0.13	
02/01/2017 03:00	0.14	
02/01/2017 06:00	0.16	
02/01/2017 09:00	0.15	
02/01/2017 12:00	0.12	
02/01/2017 15:00	0.12	
02/01/2017 18:00	0.13	
02/01/2017 21:00	0.13	

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
02/02/2017 00:00	0.12	
02/02/2017 03:00	0.11	
02/02/2017 06:00	0.12	
02/02/2017 09:00	0.14	
02/02/2017 12:00	0.11	
02/02/2017 15:00	0.12	
02/02/2017 18:00	0.12	
02/02/2017 21:00	0.11	
02/03/2017 00:00	0.10	
02/03/2017 03:00	0.10	
02/03/2017 06:00	0.10	
02/03/2017 09:00	0.13	
02/03/2017 12:00	0.10	
02/03/2017 15:00	0.13	
02/03/2017 18:00	0.14	
02/03/2017 21:00	0.13	
02/04/2017 00:00	0.17	
02/04/2017 03:00	0.16	
02/04/2017 06:00	0.11	
02/04/2017 09:00	0.14	
02/04/2017 12:00	0.12	
02/04/2017 15:00	0.12	
02/04/2017 18:00	0.22	
02/04/2017 21:00	0.16	
02/05/2017 00:00	0.14	
02/05/2017 03:00	0.11	
02/05/2017 06:00	0.11	
02/05/2017 09:00	0.09	
02/05/2017 12:00	0.12	
02/05/2017 15:00	0.11	
02/05/2017 18:00	0.11	
02/05/2017 21:00	0.36	
02/06/2017 00:00	0.49	
02/06/2017 03:00	1.35	
02/06/2017 06:00	1.36	
02/06/2017 09:00	1.51	
02/06/2017 12:00	1.49	
02/06/2017 15:00	0.98	
02/06/2017 18:00	0.22	
02/06/2017 21:00	0.13	
02/07/2017 00:00	0.13	
02/07/2017 03:00	1.71	
02/07/2017 06:00	0.23	
02/07/2017 09:00	0.13	
02/07/2017 12:00	0.13	
02/07/2017 15:00	0.93	
02/07/2017 18:00	0.48	
02/07/2017 21:00	0.57	
02/08/2017 00:00	1.95	
02/08/2017 03:00	0.57	
02/08/2017 06:00	1.66	

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
02/08/2017 09:00	0.74	
02/08/2017 12:00	0.80	
02/08/2017 15:00	0.60	
02/08/2017 18:00	0.17	
02/08/2017 21:00	1.46	
02/09/2017 00:00	1.03	
02/09/2017 03:00	0.12	
02/09/2017 06:00	1.00	
02/09/2017 09:00	1.91	
02/09/2017 12:00	2.23	
02/09/2017 15:00	1.10	
02/09/2017 18:00	0.57	
02/09/2017 21:00	1.45	
02/10/2017 00:00	1.94	
02/10/2017 03:00	2.43	
02/10/2017 06:00	1.31	
02/10/2017 09:00	1.85	
02/10/2017 12:00	0.93	
02/10/2017 15:00	2.10	
02/10/2017 18:00	2.58	
02/10/2017 21:00	1.22	
02/11/2017 00:00	0.61	
02/11/2017 03:00	0.71	
02/11/2017 06:00	0.56	
02/11/2017 09:00	1.20	
02/11/2017 12:00	2.37	
02/11/2017 15:00	2.16	
02/11/2017 18:00	2.18	
02/11/2017 21:00	0.99	
02/12/2017 00:00	1.44	
02/12/2017 03:00	0.14	
02/12/2017 06:00	0.13	
02/12/2017 09:00	0.27	
02/12/2017 12:00	0.12	
02/12/2017 15:00	0.69	
02/12/2017 18:00	1.34	
02/12/2017 21:00	0.61	
02/13/2017 00:00	4.88	
02/13/2017 03:00	1.29	
02/13/2017 06:00	0.13	
02/13/2017 09:00	0.15	
02/13/2017 12:00	0.09	
02/13/2017 15:00	0.08	
02/13/2017 18:00	0.09	
02/13/2017 21:00	0.11	
02/14/2017 00:00	0.10	
02/14/2017 03:00	0.09	
02/14/2017 06:00	0.09	
02/14/2017 09:00	0.10	
02/14/2017 12:00	0.09	
02/14/2017 15:00	0.11	

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
02/14/2017 18:00	0.13	
02/14/2017 21:00	0.16	
02/15/2017 00:00	0.11	
02/15/2017 06:00	0.00	
02/15/2017 09:00	0.00	
02/15/2017 12:00	0.00	
02/15/2017 15:00	0.20	
02/15/2017 18:00	0.28	
02/15/2017 21:00	0.10	
02/16/2017 00:00	0.17	
02/16/2017 03:00	0.16	
02/16/2017 06:00	0.14	
02/16/2017 09:00	0.15	
02/16/2017 12:00	0.14	
02/16/2017 15:00	0.13	
02/16/2017 18:00	0.11	
02/16/2017 21:00	0.09	
02/17/2017 00:00	0.09	
02/17/2017 03:00	0.19	
02/17/2017 06:00	0.13	
02/17/2017 09:00	0.17	
02/17/2017 12:00	0.17	
02/17/2017 15:00	0.17	
02/17/2017 18:00	0.15	
02/17/2017 21:00	0.15	
02/18/2017 00:00	1.10	
02/18/2017 03:00	0.62	
02/18/2017 06:00	0.00	
02/18/2017 09:00	0.06	
02/18/2017 12:00	0.01	
02/18/2017 15:00	0.66	
02/18/2017 18:00	0.54	
02/18/2017 21:00	0.33	
02/19/2017 00:00	0.28	
02/19/2017 03:00	0.23	
02/19/2017 06:00	0.23	
02/19/2017 09:00	0.20	
02/19/2017 12:00	0.12	
02/19/2017 15:00	0.10	
02/19/2017 18:00	0.10	
02/19/2017 21:00	0.10	
02/20/2017 00:00	0.09	
02/20/2017 03:00	0.11	
02/20/2017 06:00	0.11	
02/20/2017 09:00	0.15	
02/20/2017 12:00	0.37	
02/20/2017 15:00	0.14	
02/20/2017 18:00	0.19	
02/20/2017 21:00	0.16	
02/21/2017 00:00	0.13	
02/21/2017 03:00	0.16	

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
02/21/2017 06:00	0.14	
02/21/2017 09:00	0.15	
02/21/2017 12:00	0.12	
02/21/2017 15:00	0.09	
02/21/2017 18:00	0.08	
02/21/2017 21:00	0.07	
02/22/2017 00:00	0.12	
02/22/2017 03:00	0.09	
02/22/2017 06:00	0.12	
02/22/2017 09:00	0.13	
02/22/2017 12:00	0.10	
02/22/2017 15:00	0.11	
02/22/2017 18:00	0.09	
02/22/2017 21:00	0.08	
02/23/2017 00:00	0.07	
02/23/2017 03:00	0.09	
02/23/2017 06:00	0.10	
02/23/2017 09:00	0.13	
02/23/2017 12:00	0.09	
02/23/2017 15:00	0.11	
02/23/2017 18:00	0.10	
02/23/2017 21:00	0.12	
02/24/2017 00:00	0.10	
02/24/2017 03:00	0.15	
02/24/2017 06:00	0.10	
02/24/2017 09:00	0.11	
02/24/2017 12:00	0.09	
02/24/2017 15:00	0.21	
02/24/2017 18:00	0.29	
02/24/2017 21:00	0.44	
02/25/2017 00:00	1.26	
02/25/2017 03:00	3.09	
02/25/2017 06:00	0.56	
02/25/2017 09:00	1.90	
02/25/2017 12:00	2.26	
02/25/2017 15:00	1.64	
02/25/2017 18:00	1.28	
02/25/2017 21:00	1.27	
02/26/2017 00:00	1.11	
02/26/2017 03:00	2.01	
02/26/2017 06:00	3.05	
02/26/2017 09:00	1.84	
02/26/2017 12:00	1.99	
02/26/2017 15:00	3.13	
02/26/2017 18:00	1.30	
02/26/2017 21:00	1.31	
02/27/2017 00:00	2.69	
02/27/2017 03:00	2.41	
02/27/2017 06:00	0.41	
02/27/2017 09:00	2.03	
02/27/2017 12:00	1.73	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
02/27/2017 15:00	0.13	
02/27/2017 18:00	0.00	
02/27/2017 21:00	0.00	
02/28/2017 00:00	0.07	
02/28/2017 03:00	0.26	
02/28/2017 06:00	0.22	
02/28/2017 09:00	0.08	
02/28/2017 12:00	0.12	
02/28/2017 15:00	0.10	
02/28/2017 18:00	0.09	
02/28/2017 21:00	0.52	
03/01/2017 00:00	0.15	
03/01/2017 03:00	0.22	
03/01/2017 06:00	0.11	
03/01/2017 09:00	0.11	
03/01/2017 12:00	0.11	
03/01/2017 15:00	0.08	
03/01/2017 18:00	0.39	
03/01/2017 21:00	0.57	
03/02/2017 00:00	0.49	
03/02/2017 03:00	0.69	
03/02/2017 06:00	0.47	
03/02/2017 09:00	1.08	
03/02/2017 12:00	1.18	
03/02/2017 15:00	3.34	
03/02/2017 18:00	1.54	
03/02/2017 21:00	1.01	
03/03/2017 00:00	0.84	
03/03/2017 03:00	2.05	
03/03/2017 06:00	0.35	
03/03/2017 09:00	0.14	
03/03/2017 12:00	0.10	
03/03/2017 15:00	0.11	
03/03/2017 18:00	0.10	
03/03/2017 21:00	0.11	
03/04/2017 00:00	0.11	
03/04/2017 03:00	0.10	
03/04/2017 06:00	0.11	
03/04/2017 09:00	0.90	
03/04/2017 12:00	1.25	
03/04/2017 15:00	2.36	
03/04/2017 18:00	2.31	
03/04/2017 21:00	2.31	
03/05/2017 00:00	2.18	
03/05/2017 03:00	2.12	
03/05/2017 06:00	0.18	
03/05/2017 09:00	0.32	
03/05/2017 12:00	0.07	
03/05/2017 15:00	0.75	
03/05/2017 18:00	0.69	
03/05/2017 21:00	1.04	

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
03/06/2017 00:00	0.26	
03/06/2017 03:00	0.41	
03/06/2017 06:00	0.66	
03/06/2017 09:00	1.16	
03/06/2017 12:00	1.41	
03/06/2017 15:00	0.52	
03/06/2017 18:00	0.38	
03/06/2017 21:00	1.16	
03/07/2017 00:00	1.32	
03/07/2017 03:00	0.16	
03/07/2017 06:00	0.91	
03/07/2017 09:00	0.14	
03/07/2017 12:00	0.11	
03/07/2017 15:00	0.10	
03/07/2017 18:00	2.11	
03/07/2017 21:00	1.09	
03/08/2017 00:00	0.12	
03/08/2017 03:00	0.10	
03/08/2017 06:00	0.08	
03/08/2017 09:00	0.12	
03/08/2017 12:00	0.23	
03/08/2017 15:00	0.34	
03/08/2017 18:00	0.28	
03/08/2017 21:00	0.30	
03/09/2017 00:00	0.24	
03/09/2017 03:00	0.68	
03/09/2017 06:00	0.25	
03/09/2017 09:00	0.08	
03/09/2017 12:00	0.14	
03/09/2017 15:00	0.96	
03/09/2017 18:00	0.85	
03/09/2017 21:00	0.61	
03/10/2017 00:00	1.65	
03/10/2017 03:00	2.93	
03/10/2017 06:00	3.36	
03/10/2017 09:00	3.50	
03/10/2017 12:00	0.47	
03/10/2017 15:00	1.28	
03/10/2017 18:00	2.61	
03/10/2017 21:00	0.75	
03/11/2017 00:00	1.19	
03/11/2017 03:00	2.13	
03/11/2017 06:00	1.11	
03/11/2017 09:00	0.46	
03/11/2017 12:00	2.63	
03/11/2017 15:00	1.89	
03/11/2017 18:00	0.78	
03/11/2017 21:00	0.11	
03/12/2017 00:00	1.39	
03/12/2017 03:00	0.12	
03/12/2017 06:00	0.13	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
03/12/2017 09:00	0.16	
03/12/2017 12:00	0.08	
03/12/2017 15:00	0.16	
03/12/2017 18:00	1.72	
03/12/2017 21:00	3.85	
03/13/2017 00:00	2.57	
03/13/2017 03:00	4.16	
03/13/2017 06:00	1.86	
03/13/2017 09:00	0.08	
03/13/2017 12:00	0.07	
03/13/2017 15:00	0.10	
03/13/2017 18:00	0.07	
03/13/2017 21:00	0.11	
03/14/2017 00:00	0.07	
03/14/2017 03:00	0.08	
03/14/2017 06:00	0.15	
03/14/2017 09:00	0.30	
03/14/2017 12:00	1.47	
03/14/2017 15:00	0.68	
03/14/2017 18:00	4.02	
03/14/2017 21:00	0.09	
03/15/2017 00:00	0.94	
03/15/2017 03:00	1.81	
03/15/2017 06:00	1.51	
03/15/2017 09:00	0.65	
03/15/2017 12:00	1.97	
03/15/2017 15:00	2.56	
03/15/2017 18:00	1.74	
03/15/2017 21:00	1.13	
03/16/2017 00:00	2.29	
03/16/2017 03:00	1.72	
03/16/2017 06:00	3.69	
03/16/2017 09:00	3.46	
03/16/2017 12:00	1.62	
03/16/2017 15:00	0.12	
03/16/2017 18:00	0.43	
03/16/2017 21:00	0.31	
03/17/2017 00:00	1.26	
03/17/2017 03:00	0.81	
03/17/2017 06:00	0.35	
03/17/2017 09:00	3.56	
03/17/2017 12:00	1.62	
03/17/2017 15:00	0.09	
03/17/2017 18:00	0.10	
03/17/2017 21:00	0.08	
03/18/2017 00:00	0.08	
03/18/2017 03:00	0.09	
03/18/2017 06:00	2.12	
03/18/2017 09:00	0.64	
03/18/2017 12:00	2.02	
03/18/2017 15:00	1.61	

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
03/18/2017 18:00	0.50	
03/18/2017 21:00	0.90	
03/19/2017 00:00	0.32	
03/19/2017 03:00	1.99	
03/19/2017 06:00	0.26	
03/19/2017 09:00	0.07	
03/19/2017 12:00	0.07	
03/19/2017 15:00	0.07	
03/19/2017 18:00	0.06	
03/19/2017 21:00	0.07	
03/20/2017 00:00	1.58	
03/20/2017 03:00	1.84	
03/20/2017 06:00	0.43	
03/20/2017 09:00	1.95	
03/20/2017 12:00	1.90	
03/20/2017 15:00	2.59	
03/20/2017 18:00	4.64	
03/20/2017 21:00	1.12	
03/21/2017 00:00	1.04	
03/21/2017 03:00	0.39	
03/21/2017 06:00	1.08	
03/21/2017 09:00	2.83	
03/21/2017 12:00	3.06	
03/21/2017 15:00	4.78	
03/21/2017 18:00	0.88	
03/21/2017 21:00	5.67	
03/22/2017 00:00	0.27	
03/22/2017 03:00	0.12	
03/22/2017 06:00	0.12	
03/22/2017 09:00	0.11	
03/22/2017 12:00	0.09	
03/22/2017 15:00	0.11	
03/22/2017 18:00	0.13	
03/22/2017 21:00	0.60	
03/23/2017 00:00	1.50	
03/23/2017 03:00	0.09	
03/23/2017 06:00	0.18	
03/23/2017 09:00	0.16	
03/23/2017 12:00	0.09	
03/23/2017 15:00	0.10	
03/23/2017 18:00	0.12	
03/23/2017 21:00	0.13	
03/24/2017 00:00	0.14	
03/24/2017 03:00	0.25	
03/24/2017 06:00	0.09	
03/24/2017 09:00	0.25	
03/24/2017 12:00	0.13	
03/24/2017 15:00	1.69	
03/24/2017 18:00	0.11	
03/24/2017 21:00	0.11	
03/25/2017 00:00	0.11	

Emissions Limits:
11.34 LBS/Hr
49.69 Tons/Year

SOX
Excess Emissions Report
3-Hour Block Averages

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

Time	SOx 3-Hour Block Average (LB/Hr)	Notes
03/25/2017 03:00	0.30	
03/25/2017 06:00	0.10	
03/25/2017 09:00	0.10	
03/25/2017 12:00	0.16	
03/25/2017 15:00	0.11	
03/25/2017 18:00	0.14	
03/25/2017 21:00	0.13	
03/26/2017 00:00	1.48	
03/26/2017 03:00	0.79	
03/26/2017 06:00	1.27	
03/26/2017 09:00	0.15	
03/26/2017 12:00	0.12	
03/26/2017 15:00	0.13	
03/26/2017 18:00	1.12	
03/26/2017 21:00	0.47	
03/27/2017 00:00	0.25	
03/27/2017 03:00	0.09	
03/27/2017 06:00	0.11	
03/27/2017 09:00	0.14	
03/27/2017 12:00	0.17	
03/27/2017 15:00	0.10	
03/27/2017 18:00	0.09	
03/27/2017 21:00	0.11	
03/28/2017 00:00	0.13	
03/28/2017 03:00	0.91	
03/28/2017 06:00	0.14	
03/28/2017 09:00	0.14	
03/28/2017 12:00	0.13	
03/28/2017 15:00	0.13	
03/28/2017 18:00	0.13	
03/28/2017 21:00	0.13	
03/29/2017 00:00	0.09	
03/29/2017 03:00	0.10	
03/29/2017 06:00	0.09	
03/29/2017 09:00	0.10	
03/29/2017 12:00	2.11	
03/29/2017 15:00	1.95	
03/29/2017 18:00	1.09	
03/29/2017 21:00	2.88	
03/30/2017 00:00	4.68	
03/30/2017 03:00	0.08	
03/30/2017 06:00	0.95	
03/30/2017 09:00	2.14	
03/30/2017 12:00	1.79	
03/30/2017 15:00	4.73	
03/30/2017 18:00	1.65	
03/30/2017 21:00	1.35	
03/31/2017 00:00	1.14	
03/31/2017 03:00	2.48	
03/31/2017 06:00	4.07	
03/31/2017 09:00	4.83	

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
03/31/2017 12:00	3.46	
03/31/2017 15:00	2.01	
03/31/2017 18:00	3.10	
03/31/2017 21:00	4.01	

Stack #1 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		15-Feb-17	06:03 AM	06:24 AM	21	Calibration Check
02-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		16-Feb-17	06:30 AM	06:52 AM	22	Calibration Check
03-Jan-17	06:19 AM	06:41 AM	22	Calibration Check		17-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
04-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
05-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		19-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
06-Jan-17	06:42 AM	07:04 AM	22	Calibration Check		20-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
07-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		21-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
07-Jan-17	07:02 AM	07:12 AM	10	Recalibration		22-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
08-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		23-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
09-Jan-17	07:24 AM	07:46 AM	22	Calibration Check		24-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
10-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		25-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
11-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		26-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
12-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		27-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
13-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		28-Feb-17	06:20 AM	06:41 AM	21	Calibration Check
14-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		01-Mar-17	05:15 AM	05:36 AM	21	Calibration Check
15-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		02-Mar-17	07:06 AM	07:27 AM	21	Calibration Check
16-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		03-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
17-Jan-17	06:24 AM	06:46 AM	22	Calibration Check		04-Mar-17	05:50 AM	06:11 AM	21	Calibration Check
18-Jan-17	06:29 AM	06:51 AM	22	Calibration Check		05-Mar-17	07:33 AM	07:54 AM	21	Calibration Check
19-Jan-17	06:30 AM	06:52 AM	22	Calibration Check		06-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
20-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		07-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
21-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		08-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
22-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		09-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
23-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		10-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
24-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		11-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
25-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		12-Mar-17	07:13 AM	07:35 AM	22	Calibration Check
26-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		13-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
26-Jan-17	07:03 AM	07:11 AM	8	Recalibration		14-Mar-17	06:24 AM	06:45 AM	21	Calibration Check
27-Jan-17	06:07 AM	06:29 AM	22	Calibration Check		15-Mar-17	08:24 AM	08:45 AM	21	Calibration Check
28-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		16-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
29-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		17-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
30-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-17	06:10 AM	06:32 AM	22	Calibration Check
31-Jan-17	06:20 AM	06:41 AM	21	Calibration Check		18-Mar-17	07:21 AM	07:29 AM	8	Recalibration
01-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		19-Mar-17	06:30 AM	06:38 AM	8	Calibration Check
02-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		20-Mar-17	07:09 AM	07:30 AM	21	Calibration Check
03-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		21-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
04-Feb-17	06:41 AM	07:02 AM	21	Calibration Check		22-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
05-Feb-17	08:39 AM	09:01 AM	22	Calibration Check		23-Mar-17	06:49 AM	07:11 AM	22	Calibration Check
06-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		24-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
07-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		24-Mar-17	07:23 AM	07:45 AM	22	Recalibration
08-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		25-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
09-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		26-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
10-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		27-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
11-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		28-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
12-Feb-17	07:07 AM	07:28 AM	21	Calibration Check		29-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
13-Feb-17	06:20 AM	06:41 AM	21	Calibration Check		30-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
14-Feb-17	06:25 AM	06:47 AM	22	Calibration Check		31-Mar-17	06:20 AM	06:41 AM	21	Calibration Check
			Minutes						Minutes	
			972						966	
Total minutes for quality assurance:										
			Minutes							
			1938							

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						
OUT OF CONTROL PERIODS						
3/23/2017	7:11 AM	-----	-----	-----	-----	-----
3/24/2017	-----	7:45 AM	1474	OUT OF CONTROL PERIOD	N/A	On Hazardous Waste
SYSTEM RECALIBRATIONS						
1/7/2017	7:02 AM	7:12 AM	10	STACK RE-CALIBRATION	NONE	On Hazardous Waste
1/26/2017	7:03 AM	7:11 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste
3/18/2017	7:21 AM	7:29 AM	8	STACK RE-CALIBRATION	NONE	On Hazardous Waste
3/24/2017	7:23 AM	7:45 AM	22	STACK RE-CALIBRATION	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
1/14/2017	5:45 AM	6:02 AM	17	OTHER ANALYZER WORK DONE (Nox)	Manual Calibration	On Hazardous Waste
1/24/2017	3:45 PM	3:56 PM	11	OTHER ANALYZER WORK DONE (Nox)	Manual Calibration	On Hazardous Waste
1/31/2017	3:18 PM	3:37 PM	19	OTHER ANALYZER WORK DONE (Wet O2)	Manual Calibration	On Hazardous Waste
3/24/2017	6:35 AM	7:25 AM	50	OTHER ANALYZER WORK DONE (THC #1)	Changed Pump	On Hazardous Waste
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/12/2017	11:33 AM	11:33 AM	38	Missing	DST (Time Change)	
TOTAL MINUTES IN QUARTER:					129,600	
TOTAL OPERATING TIME OF SOURCE:					127,845	
TOTAL DOWNTIME OF CEM SYSTEM:					1,585	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					1,585	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					126,260	
SYSTEM AVAILABILITY					98.8%	
		Cells with this format is not counted toward source operating time.				

SOX MONITOR
PREVENTIVE
MAINTENANCE

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

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

Emissions Limits:
95.26 Tons/Year

CO EXCESS
EMISSIONS REPORT

Thermo Scientificl
Model: 48i
Serial Numbers:
CM10360078

	Date	Time	Lb/MMBtu	Duration (min)	Reason	Corrective Action
				0	Total minutes	
	Total CO emissions for the quarter:					
			lbs	tons		
			4727	2.36		

Stack #2 - QA

Date	Start Time	End Time	Duration	Activity		Date	Start Time	End Time	Duration	Activity
01-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		15-Feb-17	06:50 AM	06:55 AM	5	Recalibration
02-Jan-17	06:45 AM	06:56 AM	11	Calibration Check		16-Feb-17	06:56 AM	07:07 AM	11	Calibration Check
03-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		17-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
04-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		18-Feb-17	06:45 AM	06:56 AM	11	Calibration Check
05-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		19-Feb-17	06:48 AM	06:59 AM	11	Calibration Check
06-Jan-17	07:09 AM	07:20 AM	11	Calibration Check		20-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
07-Jan-17	07:16 AM	07:28 AM	12	Calibration Check		21-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
08-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		22-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
09-Jan-17	07:10 AM	07:21 AM	11	Calibration Check		23-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
10-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		24-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
11-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		25-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
12-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		26-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
13-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		27-Feb-17	06:46 AM	06:58 AM	12	Calibration Check
14-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		28-Feb-17	06:50 AM	07:01 AM	11	Calibration Check
15-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		01-Mar-17	05:40 AM	05:51 AM	11	Calibration Check
16-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		02-Mar-17	06:45 AM	06:56 AM	11	Calibration Check
17-Jan-17	06:51 AM	07:02 AM	11	Calibration Check		03-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
18-Jan-17	06:56 AM	07:07 AM	11	Calibration Check		04-Mar-17	06:16 AM	06:27 AM	11	Calibration Check
19-Jan-17	06:57 AM	07:08 AM	11	Calibration Check		05-Mar-17	08:01 AM	08:12 AM	11	Calibration Check
20-Jan-17	06:49 AM	07:00 AM	11	Calibration Check		06-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
21-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		07-Mar-17	06:52 AM	07:03 AM	11	Calibration Check
22-Jan-17	06:47 AM	06:58 AM	11	Calibration Check		08-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
23-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		09-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
24-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		10-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
25-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		11-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
26-Jan-17	07:17 AM	07:28 AM	11	Calibration Check		12-Mar-17	06:40 AM	06:51 AM	11	Calibration Check
27-Jan-17	06:40 AM	06:51 AM	11	Calibration Check		12-Mar-17	06:54 AM	07:05 AM	11	Recalibration
28-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		13-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
29-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		14-Mar-17	06:51 AM	07:02 AM	11	Calibration Check
30-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		15-Mar-17	08:50 AM	09:01 AM	11	Calibration Check
31-Jan-17	06:50 AM	07:01 AM	11	Calibration Check		16-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
01-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		17-Mar-17	06:45 AM	06:56 AM	11	Calibration Check
02-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		18-Mar-17	07:33 AM	07:44 AM	11	Calibration Check
03-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		19-Mar-17	06:13 AM	06:24 AM	11	Calibration Check
04-Feb-17	07:07 AM	07:19 AM	12	Calibration Check		20-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
05-Feb-17	09:06 AM	09:17 AM	11	Calibration Check		21-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
06-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		22-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
07-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		22-Mar-17	07:25 AM	07:34 AM	9	Recalibration
08-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		23-Mar-17	06:19 AM	06:30 AM	11	Calibration Check
09-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		24-Mar-17	07:53 AM	08:04 AM	11	Calibration Check
10-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		25-Mar-17	07:11 AM	07:22 AM	11	Calibration Check
11-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		26-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
12-Feb-17	07:34 AM	07:45 AM	11	Calibration Check		27-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
13-Feb-17	06:50 AM	07:01 AM	11	Calibration Check		28-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
14-Feb-17	06:51 AM	07:03 AM	12	Calibration Check		29-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
15-Feb-17	06:32 AM	06:43 AM	11	Calibration Check		30-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
						31-Mar-17	06:50 AM	07:01 AM	11	Calibration Check
			Minutes						Minutes	
			509						510	
Total minutes for quality assurance:										
			Minutes							
			1019							

CO Monitor
Stack #2
Downtime

Thermo Scientificl
Model: 48i
Serial Numbers:
CM10360078

Date	Start Time	End Time	Duration	Reason	Action	Incinerator Operation
				Stack #2 - CO		
WORK ON THIS ANALYZER						
OUT OF CONTROL PERIODS						
SYSTEM RECALIBRATIONS						
2/15/2017	6:50 AM	6:55 AM	5	Stack Re-Calibration	NONE	Off-line
3/12/2017	6:54 AM	7:05 AM	11	Stack Re-Calibration	NONE	On Hazardous Waste
3/22/2017	7:25 AM	7:34 AM	9	Stack Re-Calibration	NONE	On Hazardous Waste
OTHER ANALYZER WORK AFFECTING THIS ANALYZER						
				Other		
UNRECORDED TIME (MISSING MINUTES)						
3/12/2017	11:33 AM	11:33 AM	38	Missing	DST (Time Change)	
TOTAL MINUTES IN QUARTER:					129,600	
TOTAL OPERATING TIME OF SOURCE:					127,845	
TOTAL DOWNTIME OF CEM SYSTEM:					63	
CEM DOWNTIME DURING SOURCE OPERATING TIME:					63	
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					127,782	
SYSTEM AVAILABILITY					100.0%	
Cells with this format is not counted toward source operating time.						

CO Monitor
Stack #2
Preventative
Maintenance

Thermo Scientificl
Model: 48i
Serial Numbers:
CM10360078

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

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Exceedance Summary

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

Date	MAXIMUM OPACITY	Duration (min)	Reason	Corrective Action
01/25/2017 12:48	37.4	6	Maintenance - Lens Cleaning	NONE
02/01/2017 15:48	41.1	12	Quarterly Stack Audit	NONE
03/14/2017 15:54	48.8	12	Operator Error - Drum Feed	Revised procedures.
		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	01/25/2017 12:48	37.38	Maintenance - Lens Cleaning	NONE	Waste	Yes	No
2	02/01/2017 15:48	22.52	Quarterly Stack Audit	NONE	Waste	Yes	No
3	02/01/2017 15:54	41.14	Quarterly Stack Audit	NONE	Waste	Yes	No
4	03/14/2017 15:54	48.77	Operator Error - Drum Feed	Revised procedures.	Waste	Yes	No
5	03/14/2017 16:00	27.42	Operator Error - Drum Feed	Revised procedures.	Waste	Yes	No
		5	Total 6-Minute Averages in Exceedance				
		3	Number of Events				

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Date	Start Time	End Time	Duration	Reason	Action
WORK ON THIS ANALYZER					
OUT OF CONTROL PERIODS					
SYSTEM RECALIBRATIONS					
MONITOR EQUIPMENT MALFUNCTION					
OTHER ANALYZER WORK AFFECTING THIS ANALYZER					
				Other	
UNRECORDED TIME (MISSING MINUTES)					
3/12/2017	11:33 AM	11:33 AM	38	Missing	DST (Time Change)
TOTAL MINUTES IN QUARTER:					**129,600**
TOTAL OPERATING TIME OF SOURCE:					**127,845**
TOTAL DOWNTIME OF CEM SYSTEM:					**38**
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**38**
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**127,807**
SYSTEM AVAILABILITY					**100.0%**
Cells with this format is not counted toward source operating time.					

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Incinerator Operation

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Date	Start Time	End Time	Duration	Reason	Action
WORK ON THIS ANALYZER					
OUT OF CONTROL PERIODS					
SYSTEM RECALIBRATIONS					
MONITOR EQUIPMENT MALFUNCTION					
OTHER ANALYZER WORK AFFECTING THIS ANALYZER					
				Other	
UNRECORDED TIME (MISSING MINUTES)					
3/12/2017	11:33 AM	11:33 AM	38	Missing	DST (Time Change)
TOTAL MINUTES IN QUARTER:					**129,600**
TOTAL OPERATING TIME OF SOURCE:					**127,845**
TOTAL DOWNTIME OF CEM SYSTEM:					**38**
CEM DOWNTIME DURING SOURCE OPERATING TIME:					**38**
TOTAL OPERATING TIME OF SOURCE AND CEM TOGETHER:					**127,807**
SYSTEM AVAILABILITY					**100.0%**
Cells with this format is not counted toward source operating time.					

TELEDYNE MONITOR LABS
MODEL: LightHawk 560
SN #5600687

Opacity Monitor
Downtime

Incinerator Operation

OPACITY MONITOR
PREVENTIVE MAINTENANCE

Date	Duration	Activity
1-Feb-17	120	Audit
Total Minutes:	**120**	
(e.g., blowback, manual adjustment to monitor)		