



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1	8	30-May-24	0846	0946	0.69029	1.52	0.2	854134.2		
2	8	30-May-24	1046	1146	0.66645	1.53	5.27	819171.1		
3	8	30-May-24	1146	1246	0.38417	7.44	0.21	469380.6		
4	8	30-May-24	1246	1346	0.00155	3.04	0.22	901.1	Shutdown	
5	8	30-May-24	1331	1431	0.52718	1.54	11.82	646060.9		
6	8	30-May-24	1431	1531	0.66469	1.54	17.36	816971.3		
7	8	30-May-24	1531	1631	0.69253	1.53	16.66	853384.4		
8	8	30-May-24	1631	1731	0.66666	1.53	18.9	819425	End of Day	8.830
9	8	31-May-24	0808	0908	24.28599	55.23	14.22	832866.2		
10	8	31-May-24	0908	1008	32.61716	78.38	16.77	780447.8		
11	8	31-May-24	1008	1108	29.32214	69.6	16.12	791866.3		
12	8	31-May-24	1108	1208	25.67597	60.84	14.17	793481.9	revised - correction factor added to data	
13	8	31-May-24	1208	1308	22.65564	53.15	12.36	802841.6		
14	8	31-May-24	1308	1408	22.93133	44.83	9.69	964209.2		
15	8	31-May-24	1408	1508	20.33346	38.96	8.18	987594.3		
16	8	31-May-24	1508	1608	21.3014	37.81	7.43	1059270.1		
17	8	31-May-24	1608	1708	34.39457	60.96	6.49	1064712.1	End of Day	11.714
18	8	03-Jun-24	0751	0851	23.96625	73.47	10.88	620603.3		
19	8	03-Jun-24	0851	0951	31.27616	93.37	17.74	627396.6		
20	8	03-Jun-24	0951	1051	29.34022	83.28	17.41	662611.9		
21	8	03-Jun-24	1051	1151	36.53655	76.2	16.89	903970.6		
22	8	03-Jun-24	1151	1251	32.15279	67.67	14.86	899251.7		
23	8	03-Jun-24	1251	1351	28.33333	59.36	12.29	905109.4		
24	8	03-Jun-24	1351	1451	23.58283	50.69	9.01	878727		
25	8	03-Jun-24	1451	1551	18.72639	43.27	6.39	817038.8		
26	8	03-Jun-24	1551	1651	16.77977	40.34	5.16	785007.5		
27	8	03-Jun-24	1651	1751	10.74296	25.77	2.81	790263.4	End of Day	11.344
28	8	04-Jun-24	0654	0754	6.92794	16.08	1.27	814492.5		
29	8	04-Jun-24	0754	0854	12.51555	28.84	2.32	815909.9		
30	8	04-Jun-24	0854	0954	10.83086	26.82	1.68	759548.5		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
31	8	04-Jun-24	0954	1054	11.04559	27.76	1.62	750212.8		
32	8	04-Jun-24	1054	1154	11.12202	27.89	1.63	753120.8		
33	8	04-Jun-24	1154	1254	11.63371	28.46	1.59	772237.7		
34	8	04-Jun-24	1254	1354	18.08503	36.17	3.43	948351		
35	8	04-Jun-24	1354	1454	14.65221	30.46	2.04	908008.1		
36	8	04-Jun-24	1454	1554	15.44483	29.9	1.96	976610.5		
37	8	04-Jun-24	1554	1654	13.96251	27.06	2.25	981172.2		
38	8	04-Jun-24	1654	1754	7.84478	19.32	1.14	694112.9	End of Day	1.903
39	8	05-Jun-24	0801	0901	1.66557	8.83	0.2	804050.7		
40	8	05-Jun-24	0901	1001	6.00988	21.5	0.73	982288		
41	8	05-Jun-24	1001	1101	6.79053	22.53	1.61	1000875.7		
42	8	05-Jun-24	1101	1201	5.95322	19.61	0.96	1004884.3		
43	8	05-Jun-24	1201	1301	5.22074	17.49	0.22	1003832.3		
44	8	05-Jun-24	1301	1401	4.70069	16	0.22	1010293.6		
45	8	05-Jun-24	1401	1501	4.24666	14.58	0.22	1010309.8		
46	8	05-Jun-24	1501	1601	3.9973	13.69	0.22	1012809.8		
47	8	05-Jun-24	1601	1648	1.13747	10.69	0.22	310197	End of Day	0.511
48	8	06-Jun-24	0819	0919	0.94464	14.42	0.2	872548.5		
49	8	06-Jun-24	0919	1019	1.58352	16.11	0.21	865697.8		
50	7 and 8	06-Jun-24	1019	1119	7.06347	28.86	1.37	864091.1	Tank 7 and 8 fully connected	
51	7 and 8	06-Jun-24	1119	1219	22.19025	60.62	6.25	875027.1		
52	7 and 8	06-Jun-24	1219	1319	20.99472	40.26	9.44	890110.5		
53	7 and 8	06-Jun-24	1319	1419	38.06781	83	19.47	873416.8		
54	7 and 8	06-Jun-24	1419	1519	37.65721	82.85	18.29	864400.2		
55	7 and 8	06-Jun-24	1519	1619	12.80828	27.16	5.98	628630.1	End of Day	7.651
56	7 and 8	07-Jun-24	0826	0926	24.76477	54.95	10.46	852547.6		
57	7 and 8	07-Jun-24	0926	1026	38.19628	84.91	18.07	848197		
58	7 and 8	07-Jun-24	1026	1126	38.09437	84.18	17.85	854968.3		
59	7 and 8	07-Jun-24	1126	1226	35.92076	78.45	16.92	868145.8		
60	7 and 8	07-Jun-24	1226	1326	37.50066	75.51	17.87	944479		

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Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
61	7 and 8	07-Jun-24	1326	1426	40.05271	74.55	18.05	1025354.6		
62	7 and 8	07-Jun-24	1426	1526	27.7495	54.6	11.74	944917.1		
63	7 and 8	07-Jun-24	1526	1603	1.60406	8.83	1.58	176666.1	End of Day	14.068
64	7 and 8	10-Jun-24	0714	0814	18.46641	36.66	7.54	926299.6		
65	7 and 8	10-Jun-24	0814	0914	21.87917	43.28	11.37	951696.3		
66	7 and 8	10-Jun-24	0914	1014	21.46372	42.5	11.27	952793.5		
67	7 and 8	10-Jun-24	1014	1114	19.50815	38.8	9.84	951032.7		
68	7 and 8	10-Jun-24	1114	1214	21.56252	43.1	11.49	947883.9		
69	7 and 8	10-Jun-24	1214	1314	26.38464	45.34	12.33	1100555.9		
70	7 and 8	10-Jun-24	1314	1414	27.46776	43.76	12.24	1198179		
71	7 and 8	10-Jun-24	1414	1514	22.27284	36.1	9.43	1154019		
72	7 and 8	10-Jun-24	1514	1614	4.00353	5.99	0.88	407929.5	End of Day	9.599
73	7 and 8	11-Jun-24	0750	0850	14.74997	26.35	2.65	1052816.6		
74	7 and 8	11-Jun-24	0850	0950	16.38939	29.37	4.06	1053283.4		
75	7 and 8	11-Jun-24	0950	1050	14.9791	26.9	3.18	1053567.7		
76	7 and 8	11-Jun-24	1050	1150	14.19104	25.59	2.55	1050949.9		
77	7 and 8	11-Jun-24	1150	1250	14.15146	25.69	2.4	1046656		
78	7 and 8	11-Jun-24	1250	1350	13.16148	24.01	1.88	1043309.8		
79	7 and 8	11-Jun-24	1350	1450	12.37339	22.35	1.53	1053249		
80	7 and 8	11-Jun-24	1450	1537	6.21096	12.71	0.47	675060.6	End of Day	0.243
81	7 and 8	12-Jun-24	0731	0831	8.56865	16.25	0.2	978051.3		
82	7 and 8	12-Jun-24	0831	0931	9.53319	17.77	0.28	1009580.7		
83	7 and 8	12-Jun-24	0931	1031	9.44795	17.66	0.21	1007091.4		
84	7 and 8	12-Jun-24	1031	1131	9.40825	17.82	0.21	994262		
85	7 and 8	12-Jun-24	1131	1231	9.28023	17.78	0.21	983907.2		
86	7 and 8	12-Jun-24	1231	1331	9.41571	18.07	0.21	983716.4		
87	7 and 8	12-Jun-24	1331	1431	14.21991	23.12	0.4	1155499.9		
88	7 and 8	12-Jun-24	1431	1531	14.30324	22.67	0.22	1193175.3		
89	7 and 8	12-Jun-24	1531	1616	3.08446	10.02	0.22	342319.5	End of Day	0.240
90	7 and 8	13-Jun-24	0742	0842	7.08453	11.9	0.2	926964.4		
91	7 and 8	13-Jun-24	0842	0942	12.93243	20.14	0.43	1207939.9		

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Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
92	7 and 8	13-Jun-24	0942	1042	11.26241	17.35	0.21	1231458.1		
93	7 and 8	13-Jun-24	1042	1142	8.67364	12.27	0.21	1349096.1		
94	7 and 8	13-Jun-24	1142	1242	7.37995	10.43	0.22	1352700.2		
95	7 and 8	13-Jun-24	1242	1342	6.79699	9.61	0.22	1353327.2		
96	7 and 8	13-Jun-24	1342	1442	6.49944	9.6	0.22	1299869.5		
97	7 and 8	13-Jun-24	1442	1542	4.1443	7.79	0.22	948563.9	End of Day	0.241
98	7 and 8	14-Jun-24	0641	0741	3.11148	5.41	0.2	966697.7		
99	7 and 8	14-Jun-24	0741	0841	6.17575	9.46	0.2	1233936.7		
100	7 and 8	14-Jun-24	0841	0941	5.86608	9.02	0.21	1231344.3		
101	7 and 8	14-Jun-24	0941	1041	4.40084	7.28	0.21	1119064.8		
102	7 and 8	14-Jun-24	1041	1055	0.0554	0.69	0.22	26199.5	End of Day	0.208
103	7 and 8	17-Jun-24	0800	0900	2.5165	4.36	0.2	841535.5		
104	7 and 8	17-Jun-24	0900	1000	7.57022	10.72	0.21	1336667.5		
105	7 and 8	17-Jun-24	1000	1100	8.27894	11.33	0.21	1389178.7		
106	7 and 8	17-Jun-24	1100	1200	7.33361	10.07	0.22	1385906		
107	7 and 8	17-Jun-24	1200	1300	6.167	8.44	0.22	1388326.3		
108	7 and 8	17-Jun-24	1300	1400	5.47366	7.52	0.22	1387440.8		
109	7 and 8	17-Jun-24	1400	1500	4.8955	6.74	0.22	1386767.7		
110	7 and 8	17-Jun-24	1500	1600	2.85923	5.22	0.22	1007122.3		
111	7 and 8	17-Jun-24	1600	1639	0.65714	2.24	0.22	318693.3	End of Day	0.216
112	7 and 8	18-Jun-24	0712	0812	0.00549	0.07	0.2	87547.6		
113	7 and 8	18-Jun-24	0812	0912	2.24139	3.36	0.2	1243238		
114	7 and 8	18-Jun-24	0912	1012	2.9508	4.44	0.2	1252132.5		
115	7 and 8	18-Jun-24	1012	1112	3.11244	4.69	0.2	1251960.4		
116	7 and 8	18-Jun-24	1112	1212	3.22975	4.91	0.21	1245764.1		
117	7 and 8	18-Jun-24	1212	1312	3.19265	4.83	0.22	1256111.7		
118	7 and 8	18-Jun-24	1312	1412	3.05642	4.61	0.22	1258610.4		
119	7 and 8	18-Jun-24	1412	1512	2.74228	4.28	0.22	1217226.6		
120	7 and 8	18-Jun-24	1512	1545	0.64343	1.68	0.21	298787.4	End of Day	0.209
121	7 and 8	19-Jun-24	0722	0822	1.68186	2.9	0.23	960543.5		
122	7 and 8	19-Jun-24	0822	0922	2.54558	4.38	0.21	1098237.3		

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ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
123	7 and 8	19-Jun-24	0922	1022	2.33381	4.02	0.21	1101715.8		
124	7 and 8	19-Jun-24	1022	1122	2.11157	3.62	0.22	1108468.7		
125	7 and 8	19-Jun-24	1122	1222	1.95754	3.36	0.22	1106827.8		
126	7 and 8	19-Jun-24	1222	1322	1.8716	3.14	0.22	1109061.5		
127	7 and 8	19-Jun-24	1322	1422	1.83859	3.13	0.22	1118324.4		
128	7 and 8	19-Jun-24	1422	1522	1.80568	3.07	0.22	1115638.5		
129	7 and 8	19-Jun-24	1522	1555	0.60823	1.32	0.22	380170	End of Day	0.219

JUN 20, 2024 - SEP 03, 2024: Tank ventilation activities for Tanks 7 and 8 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tanks 7 and 8 on JUN 19, 2024. Tanks 7 and 8 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 6 ventilation.

130	6	04-Sep-24	1216	1316	0.55256	1.12	0.23	907965.2	Tank 6 start - damper cracked at 1301	
131	6	04-Sep-24	1316	1416	22.92122	44.45	10.44	976292		
132	6	04-Sep-24	1416	1516	15.63419	30.52	8.16	974203.2		
133	6	04-Sep-24	1516	1605	8.3151	16.01	5.76	754401.2	End of Day	6.148
134	6	05-Sep-24	0822	0922	16.82219	35.12	7.82	868589.8	Tank 6 damper opened at 0830	
135	6	05-Sep-24	0922	1022	19.89815	40.86	11.57	916734.9		
136	6	05-Sep-24	1022	1122	30.1385	61.18	16.02	928493.2		
137	6	05-Sep-24	1122	1222	40.10072	78.53	22.2	968396.4		
138	6	05-Sep-24	1222	1322	39.8012	78.08	23.24	969214.8		
139	6	05-Sep-24	1322	1422	38.86978	74.29	22.49	995391.5		
140	6	05-Sep-24	1422	1522	37.89839	71.54	21.64	1008219.1		
141	6	05-Sep-24	1522	1603	9.3689	17.84	8.05	602008.6	End of Day	16.629
142	6	06-Sep-24	0805	0905	26.99456	53	10.36	770542.6	Tank 6 damper open at 0820	
143	6	06-Sep-24	0905	1005	39.09139	77.36	17.15	951333.2		
144	6	06-Sep-24	1005	1105	35.94026	70.59	17.18	963262.7		
145	6	06-Sep-24	1105	1205	37.84538	72.88	19.13	985235.9		
146	6	06-Sep-24	1205	1305	38.73581	73.1	20.56	1008217.3		

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Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
147	6	06-Sep-24	1305	1405	38.14498	72.2	20.93	1006227.6		
148	6	06-Sep-24	1405	1505	39.04869	72.24	21.21	1028718.4		
149	6	06-Sep-24	1505	1605	32.08548	56.35	17.3	1043662.4	End of Day	17.978
150	6	09-Sep-24	0742	0842	26.69666	45.16	7.96	1062241.8	Tank 6 damper open 0748	
151	6	09-Sep-24	0842	0942	42.82245	72.21	15	1114585.4		
152	6	09-Sep-24	0942	1042	40.17129	67.4	16.23	1125285		
153	6	09-Sep-24	1042	1142	38.30729	64.97	16.85	1116878.8		
154	6	09-Sep-24	1142	1242	38.77697	66.97	18.33	1097794.5		
155	6	09-Sep-24	1242	1342	40.72594	70.73	20.78	1091338.6		
156	6	09-Sep-24	1342	1442	44.89909	75.56	24.31	1125870.5		
157	6	09-Sep-24	1442	1542	43.19609	72.42	23.18	1127595.6		
158	6	09-Sep-24	1542	1603	3.99775	7.49	6.76	300422.2	End of Day	16.600
159	6	10-Sep-24	0725	0825	27.73224	46	8.36	1096315.6	Tank 6 damper open at 0738	
160	6	10-Sep-24	0825	0925	39.41793	65.43	13.67	1130866.5		
161	6	10-Sep-24	0925	1025	38.38966	63.81	15.67	1135288		
162	6	10-Sep-24	1025	1125	39.90446	72.35	21.66	1047112.9		
163	6	10-Sep-24	1125	1225	42.96645	77.69	25.38	1052659.5		
164	6	10-Sep-24	1225	1325	41.51504	74.61	24.92	1061505.3		
165	6	10-Sep-24	1325	1425	42.54719	76.46	26.55	1063416		
166	6	10-Sep-24	1425	1525	41.43044	71.05	24.38	1111632.5		
167	6	10-Sep-24	1525	1551	6.89576	12.42	9.75	391610.1	End of Day	18.927
168	6	11-Sep-24	0753	0853	39.0254	65.57	16.5	1101273.8	Tank 6 damper open at 0800	
169	6	11-Sep-24	0853	0953	41.87945	74.19	22.09	1067198.3		
170	6	11-Sep-24	0953	1053	42.11203	75.02	24.66	1064476.9		
171	6	11-Sep-24	1053	1153	46.16943	81.36	29.65	1081754.8		
172	6	11-Sep-24	1153	1253	42.3833	75.37	27.66	1075467.5		
173	6	11-Sep-24	1253	1353	41.76012	74.35	28.27	1076496.9		
174	6	11-Sep-24	1353	1453	42.5816	75.02	28.86	1087693.7		

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Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
175	6	11-Sep-24	1453	1553	38.30856	66.53	24.7	1105868.9		
176	6	11-Sep-24	1553	1653	0.19676	4.09	4.18	29659.7	End of Day	22.952
177	6	12-Sep-24	0719	0819	32.17483	56.23	16.2	1016746.6	Tank 6 damper open at 0729	
178	6	12-Sep-24	0819	0919	41.58706	73.07	24.05	1074687.6		
179	6	12-Sep-24	0919	1019	38.38674	67.79	23.24	1072987.5		
180	6	12-Sep-24	1019	1119	35.43933	62.8	21.9	1072638.5		
181	6	12-Sep-24	1119	1219	21.1247	37.51	12.89	1074470.6		
182	6	12-Sep-24	1219	1319	13.37974	23.48	6.98	1088260.3		
183	6	12-Sep-24	1319	1419	9.13028	16.09	3.42	1084809.2		
184	6	12-Sep-24	1419	1519	28.32259	49.1	13.59	1102921.3		
185	6	12-Sep-24	1519	1539	5.05139	9.35	8.16	291041	End of Day	14.492
186	6	13-Sep-24	0724	0824	7.80759	13.35	2.25	1038168.9	Tank 6 damper open at 0732	
187	6	13-Sep-24	0824	0924	6.26766	10.73	0.96	1105289.7		
188	6	13-Sep-24	0924	1024	7.18928	12.27	0.88	1111962.7		
189	6	13-Sep-24	1024	1124	8.12	14.02	1.63	1102369		
190	6	13-Sep-24	1124	1224	8.84941	15.36	2.54	1101267.1		
191	6	13-Sep-24	1224	1324	11.40593	19.68	3.58	1107586.6		
192	6	13-Sep-24	1324	1424	6.97591	11.96	1.12	1116225		
193	6	13-Sep-24	1424	1524	35.67479	61.39	16.51	1101755.4	End of Day	4.704
194	6	16-Sep-24	0734	0834	28.48551	61.63	12.82	784040.2	Tank 6 damper open at 0744	
195	6	16-Sep-24	0834	0934	23.8409	51.92	12.15	865942.7		
196	6	16-Sep-24	0934	1034	12.84313	28.26	6.76	862734		
197	6	16-Sep-24	1034	1134	10.11027	22.2	4.47	865976.5		
198	6	16-Sep-24	1134	1234	7.47234	16.5	2.77	875399.3		
199	6	16-Sep-24	1234	1334	10.63412	21.91	2.85	925299.9		
200	6	16-Sep-24	1334	1434	11.61053	23.14	5.15	957836.7		
201	6	16-Sep-24	1434	1527	16.98778	33.67	9.61	825930		
202	6	16-Sep-24	1527	1614	19.31505	38.43	13.8	682701.1	End of Day	7.820

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
203	6	17-Sep-24	0745	0845	5.58963	12.2	2.02	835263.5	Tank 6 damper open at 0749	
204	6	17-Sep-24	0845	0945	20.8392	43.79	9.19	897369.6		
205	6	17-Sep-24	0945	1045	39.64403	82.73	22.9	908337.2		
206	6	17-Sep-24	1045	1145	41.46931	81.36	24.65	968945.8		
207	6	17-Sep-24	1145	1245	38.25541	74.73	23.51	976030.1		
208	6	17-Sep-24	1245	1345	41.1279	77.79	25.18	1009076		
209	6	17-Sep-24	1345	1445	39.63312	74.2	23.74	1019405.7		
210	6	17-Sep-24	1445	1545	27.23365	50.98	15.63	975468.5	End of Day	18.353
211	6	18-Sep-24	0713	0813	14.10098	29.58	4.36	831903.6	Tank 6 damper open at 0719	
212	6	18-Sep-24	0813	0913	41.96977	87.99	17.39	899552.8		
213	6	18-Sep-24	0913	1013	43.25459	85.51	24.06	972400.1		
214	6	18-Sep-24	1013	1113	38.37136	71	17.87	1029225.1		
215	6	18-Sep-24	1113	1213	35.54381	68.86	15.28	983027.3		
216	6	18-Sep-24	1213	1313	32.78894	64.02	14.34	977487.3		
217	6	18-Sep-24	1313	1413	28.94777	56.24	12.4	983141.5		
218	6	18-Sep-24	1413	1513	26.01305	49.55	8.7	1002275.2		
219	6	18-Sep-24	1513	1603	12.7299	25.63	5.3	701874.4	End of Day	13.300
220	6	19-Sep-24	0700	0800	7.78445	15.48	1.54	852093.1	Tank 6 damper open at 0707	
221	6	19-Sep-24	0800	0900	15.05505	30.14	4.74	941104.5		
222	6	19-Sep-24	0900	1000	15.89738	31.8	6.01	944222.7		
223	6	19-Sep-24	1000	1100	7.82937	15.74	2.41	940818		
224	6	19-Sep-24	1100	1200	15.53583	29.49	6.88	1004179.6		
225	6	19-Sep-24	1200	1300	14.89601	25.98	5.67	1093549.2		
226	6	19-Sep-24	1300	1400	13.69673	23.92	4.75	1092086.3		
227	6	19-Sep-24	1400	1500	12.8195	21.62	4.2	1134305.9		
228	6	19-Sep-24	1500	1600	9.84012	17.3	2.92	1007152.5	End of Day	4.347
229	6	20-Sep-24	0722	0822	6.9724	13.27	2.48	869085.4	Tank 6 damper open at 0730	

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
230	6	20-Sep-24	0822	0922	10.00877	19.29	4.45	981263.8		
231	6	20-Sep-24	0922	1022	9.54347	18.15	4.45	996176.4		
232	6	20-Sep-24	1022	1122	8.64026	16.48	3.75	994371.9		
233	6	20-Sep-24	1122	1222	7.68909	14.94	3.59	980188.5		
234	6	20-Sep-24	1222	1322	7.26355	13.84	3.02	998738.4		
235	6	20-Sep-24	1322	1422	6.85988	12.93	2.5	1008979.4		
236	6	20-Sep-24	1422	1522	6.40192	12.08	2.34	1009492.1		
237	6	20-Sep-24	1522	1622	1.98778	4.49	1.32	343321.6	End of Day	3.100
SEP 23-24, 2024: No active ventilation activities. Flowmeter Troubleshooting. Notified DOH.										
238	6	25-Sep-24	1000	1100	9.43194	23.87	7.4	763047.4	Tank 6 damper open at 1001	
239	6	25-Sep-24	1100	1200	14.99134	25.8	5.66	1105379.7		
240	6	25-Sep-24	1200	1300	12.72949	21.26	4.11	1143296		
241	6	25-Sep-24	1300	1400	11.02534	18.06	3.31	1166639.3		
242	6	25-Sep-24	1400	1500	9.51268	15.53	2.11	1170014		
243	6	25-Sep-24	1500	1600	7.73232	13.22	1.59	1111305.7		
244	6	25-Sep-24	1600	1621	0.42811	1.74	0.96	134978.6		3.591
245	6	26-Sep-24	0718	0818	4.66399	8.42	0.36	1010125	Tank 6 damper open at 0721	
246	6	26-Sep-24	0818	0918	7.15401	12.31	1.05	1100233.4		
247	6	26-Sep-24	0918	1018	6.92677	11.22	0.88	1171742.4		
248	6	26-Sep-24	1018	1118	6.18641	10.05	0.37	1170596.2		
249	6	26-Sep-24	1118	1218	5.41969	8.89	0.22	1162651.5		
250	6	26-Sep-24	1218	1318	4.9801	8.05	0.22	1179941.8		
251	6	26-Sep-24	1318	1418	4.59404	7.46	0.22	1177402		
252	6	26-Sep-24	1418	1518	4.27109	6.94	0.23	1178288.4		
253	6	26-Sep-24	1518	1618	2.37034	5.23	0.27	661341.5	End of Day	0.424
254	6	27-Sep-24	0929	1029	2.73298	4.54	0.22	1067355.1	Tank 6 damper open at 0929	
255	6	27-Sep-24	1029	1129	4.52315	7.31	0.22	1174850.5		
256	6	27-Sep-24	1129	1229	4.17948	6.82	0.22	1165812.1		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
257	6	27-Sep-24	1229	1329	3.8785	6.43	0.22	1149604.6		
258	6	27-Sep-24	1329	1429	3.54243	5.92	0.22	1140948.5		
259	6	27-Sep-24	1429	1529	2.94928	5.21	0.22	1068011.4		
260	6	27-Sep-24	1529	1546	0.35748	0.88	0.22	205467.6	End of Day	0.220
260.1	6	30-Sep-24	0700	0800	3.87385	7.34	0.8	909921.4	Tank 6 damper open at 0708	
260.2	6	30-Sep-24	0800	0900	6.44872	10.64	1.62	1138629.9		
261	6	30-Sep-24	0900	1000	5.62967	9.32	1.62	1139252.8		
262	6	30-Sep-24	1000	1100	2.08121	4.73	0.55	789902.5		
263	6	30-Sep-24	1100	1200	0.61896	1.61	0.22	725793.4		
264	6	30-Sep-24	1200	1207	0.05004	0.15	0.22	71233.2	End of Day	0.838
265	5	1-Oct-24	1257	1357	7.27283	16.48	1.03	835694	Tank 5 damper open at 1257	
266	5	1-Oct-24	1357	1457	18.87916	39.39	4.51	903372.1		
267	5	1-Oct-24	1457	1557	37.39738	75.65	12.21	943616.7		
268	5	1-Oct-24	1557	1657	27.44879	54.97	11.27	947943		
269	5	1-Oct-24	1657	1731	6.0446	13.27	4.12	432701.6	End of Day	6.628
270	5	2-Oct-24	0749	0849	20.49499	41.16	5.01	756530.4	Tank 5 damper opened at 0801	
271	5	2-Oct-24	0849	0949	43.0728	79.56	11.85	1020675.9		
272	5	2-Oct-24	0949	1049	37.57748	70.71	10.06	1007219.7		
273	5	2-Oct-24	1049	1149	39.21007	75	11.8	995002.6		
274	5	2-Oct-24	1149	1249	25.01288	49.02	8.53	958089.3		
275	5	2-Oct-24	1249	1349	8.32321	25.67	2.45	614385.4		
276	5	2-Oct-24	1349	1449	24.42809	48.54	10.25	888343		
277	5	2-Oct-24	1449	1541	11.02408	24.84	6.75	605601	End of Day	8.338
278	5	3-Oct-24	0800	0900	2.79838	6.59	1.31	275957.4	Tank 5 damper opened at 0842	
279	5	3-Oct-24	0900	1000	28.02085	61.62	14.11	846705.6		
280	5	3-Oct-24	1000	1100	40.7737	87.06	23.69	888117		
281	5	3-Oct-24	1100	1200	36.10343	77.33	19.36	884551.7		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
282	5	3-Oct-24	1200	1300	34.1088	72.86	19.29	89104		
283	5	3-Oct-24	1300	1400	32.75551	69.79	18.39	893863.3		
284	5	3-Oct-24	1400	1500	34.63645	73.16	19.37	899665		
285	5	3-Oct-24	1500	1544	9.11168	19.73	6.71	618533.3	End of Day	15.279
286	5	4-Oct-24	0700	0800	0.86117	1.8	0.2	739980.3	Tank 5 damper open at 0755	
287	5	4-Oct-24	0800	0900	41.21694	83.91	20.5	923482.7		
288	5	4-Oct-24	0900	1000	39.55765	80.68	21.71	925725.1		
289	5	4-Oct-24	1000	1100	34.18511	69.48	17.74	931589.6		
290	5	4-Oct-24	1100	1200	32.24554	65.8	16.38	928468.8		
291	5	4-Oct-24	1200	1300	34.46933	73.76	18.93	887684.3		
292	5	4-Oct-24	1300	1400	12.32151	29.51	6.31	778064.2		
293	5	4-Oct-24	1400	1405	0.11886	0.83	1.56	22630.4	End of Day	12.916
294	5	7-Oct-24	0707	0807	29.85564	78.95	13.97	698455.9	Tank 5 damper open at 0710	
295	5	7-Oct-24	0807	0907	37.90857	93.88	21.5	757709.9		
296	5	7-Oct-24	0907	1007	39.27757	88.51	23.71	838753.5		
297	5	7-Oct-24	1007	1107	38.78866	82.29	23.82	892994.4		
298	5	7-Oct-24	1107	1207	40.92936	81.61	25.58	953572		
299	5	7-Oct-24	1207	1307	38.80428	73.23	22.75	1011011		
300	5	7-Oct-24	1307	1407	38.47001	64.34	19.69	1142397.7		
301	5	7-Oct-24	1407	1507	33.97	56.42	15.74	1148583.4		
302	5	7-Oct-24	1507	1555	10.0526	21.02	5.56	652326.3	End of Day	19.147
303	5	8-Oct-24	0700	0800	22.70166	37.64	6.76	929584	Tank 5 damper open at 0713	
304	5	8-Oct-24	0800	0900	27.83051	45.26	9.4	1161288.2		
305	5	8-Oct-24	0900	1000	19.46721	30.64	7.6	1162532.5		
306	5	8-Oct-24	1000	1100	17.09092	27.98	6.65	1158787.7		
307	5	8-Oct-24	1100	1200	14.81543	24.5	5.49	1151162.8		
308	5	8-Oct-24	1200	1300	13.24448	21.82	4.52	1157527.6		
309	5	8-Oct-24	1300	1400	11.79037	19.45	3.7	1155550		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
310	5	8-Oct-24	1400	1500	10.53102	17.34	3	1158455.2		
311	5	8-Oct-24	1500	1600	5.33106	11.31	1.76	703076.2	End of Day	5.431
<i>OCT 09, 2024: No active ventilation activities. Maintenance. Notified DOH.</i>										
312	5	10-Oct-24	0700	0800	0.35241	0.84	0.31	413624.9	Tank 5 damper open at 0733	
313	5	10-Oct-24	0800	0900	1.02609	2.21	0.21	868464.2		
314	5	10-Oct-24	0900	1000	1.13992	2.32	0.22	927103.7		
315	5	10-Oct-24	1000	1100	0.81783	1.67	0.22	927362.7		
316	5	10-Oct-24	1100	1200	0.63149	1.29	0.22	927077.4		
317	5	10-Oct-24	1200	1300	0.61708	1.29	0.22	911112.5		
318	5	10-Oct-24	1300	1400	0.51336	1.07	0.22	906842.7		
319	5	10-Oct-24	1400	1500	0.0448	0.35	0.22	139652.7	End of Day	0.230
320	5	11-Oct-24	1200	1300	0.55846	1.13	0.22	709693.1	Tank 5 Damper Open at 1216	
321	5	11-Oct-24	1300	1400	0.62676	1.22	0.22	978965.4		
322	5	11-Oct-24	1400	1500	0.40936	0.92	0.23	731016.6	End of Day	0.223
323	5	14-Oct-24	0700	0800	1.1862	2.27	0.23	770964.9	Tank 5 Damper Open at 0716	
324	5	14-Oct-24	0800	0900	8.15946	13.64	1.87	1080348.3		
325	5	14-Oct-24	0900	1000	12.69208	21.77	4	1097636.6		
326	5	14-Oct-24	1000	1100	10.77848	19.34	3.8	1055096.6		
327	5	14-Oct-24	1100	1200	11.32593	20.54	4.5	1047120.3		
328	5	14-Oct-24	1200	1300	9.30188	16.94	3.41	1043698.4		
329	5	14-Oct-24	1300	1400	8.41426	15.39	2.57	1039485.4		
330	5	14-Oct-24	1400	1500	6.04892	11.47	1.55	958042.4	End of Day	2.741
331	5	15-Oct-24	1100	1200	0.61568	1.37	0.22	744893.1	Tank 5 Damper Open at 1128	
332	5	15-Oct-24	1200	1300	3.27077	7.28	0.22	853128.1		
333	5	15-Oct-24	1300	1400	3.71953	8.3	0.42	851696.2		
334	5	15-Oct-24	1400	1500	6.78308	12.25	1.79	989825.6		
335	5	15-Oct-24	1500	1600	4.08569	9.24	1.97	494985.6	End of Day	0.924

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
336	5	16-Oct-24	0800	0900	5.9348	13.73	2.05	691040.3	Tank 5 Damper Open at 0812	
337	5	16-Oct-24	0900	1000	13.16307	27.88	5.31	889593		
338	5	16-Oct-24	1000	1100	11.73956	23.08	4.04	961973.3		
339	5	16-Oct-24	1100	1200	9.82415	19.34	3.01	963092.1		
340	5	16-Oct-24	1200	1300	9.95557	17.04	2.6	1111880.1		
341	5	16-Oct-24	1300	1400	8.68796	14.71	2.23	1125984		
342	5	16-Oct-24	1400	1500	7.32267	12.4	1.54	1125272		
343	5	16-Oct-24	1500	1600	5.65612	10.58	0.75	1008746.6	End of Day	2.691
344	5	17-Oct-24	0600	0700	0.0074	0.12	0.21	113303.1	Tank Damper Open at 0651 - Cal Data included	
345	5	17-Oct-24	0700	0800	5.00019	8.21	0.21	1110671.6		
346	5	17-Oct-24	0800	0900	5.70356	9.32	0.21	1155279.6		
347	5	17-Oct-24	0900	1000	4.95417	8.09	0.21	1159554.7		
348	5	17-Oct-24	1000	1100	4.30665	7.05	0.22	1159944.5		
349	5	17-Oct-24	1100	1200	3.8537	6.32	0.22	1160626.9		
350	5	17-Oct-24	1200	1300	3.51495	5.77	0.22	1161387.9		
351	5	17-Oct-24	1300	1400	3.25665	5.34	0.22	1164673.3		
352	5	17-Oct-24	1400	1500	2.62418	4.57	0.22	1056832.4	End of Day	0.216
<p><i>OCT 18, 2024 - MAR 11, 2025: Tank ventilation activities for Tanks 5 and 6 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tank 5 on OCT 17, 2024. Tanks 5 and 6 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 3 ventilation.</i></p>										
353	3	12-Mar-25	0943	1043	4.13647	8.6	0.69	894225.6	Ventilation hooked up 1025	
354	3	12-Mar-25	1043	1143	9.10953	18.51	2.53	915741.6		
355	3	12-Mar-25	1143	1243	10.87739	21.8	3.14	937700.3		
356	3	12-Mar-25	1243	1343	16.21901	34.32	5.44	914505		
357	3	12-Mar-25	1343	1443	11.15354	22.33	3.17	941888.91		
358	3	12-Mar-25	1443	1543	4.1563	9.13	0.76	739689.5	End of Day	2.622

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
359	3	13-Mar-25	1000	1100	6.16148	12.01	1.82	952343	Tank Damper Open at 1000	
360	3	13-Mar-25	1100	1200	19.39351	35.33	6.43	989189.3		
361	3	13-Mar-25	1200	1300	41.38053	75.74	17.45	1027603.3		
362	3	13-Mar-25	1300	1400	40.87304	75.9	19.16	1013483.3		
363	3	13-Mar-25	1400	1500	41.08988	72.79	20.8	1064454.3		
364	3	13-Mar-25	1500	1600	22.36725	46.9	13.06	730865.2	End of Day	13.120
365	3	14-Mar-25	0725	0825	26.97254	48.15	8.75	960207	Tank 3 Damper opened at 0730	
366	3	14-Mar-25	0825	0925	42.92606	75.22	18.7	1067148.6		
367	3	14-Mar-25	0925	1025	42.44598	76.93	23.59	1034676		
368	3	14-Mar-25	1025	1125	45.2636	81.16	28.85	1047437.8		
369	3	14-Mar-25	1125	1225	41.41518	74.84	28.91	1042930.6		
370	3	14-Mar-25	1225	1325	37.13818	66.21	26.82	1059094		
371	3	14-Mar-25	1325	1425	36.07184	64.74	28.04	1053106.2		
372	3	14-Mar-25	1425	1525	31.62943	58.67	25.38	1013867.3		
373	3	14-Mar-25	1525	1603	5.464	12.17	4.51	517214.6	End of Day	21.506
374	3	17-Mar-25	0659	0759	4.52866	9.08	1.02	376736.5	Tank 3 Damper Opened at 0744	
375	3	17-Mar-25	0759	0859	41.47654	71.52	12.65	1083857.9		
376	3	17-Mar-25	0859	0959	41.16186	71.25	17.46	1081754.4		
377	3	17-Mar-25	0959	1059	43.85716	75.84	25.43	1085076.6		
378	3	17-Mar-25	1059	1159	40.92496	70.52	27.43	1092536.7		
379	3	17-Mar-25	1159	1259	36.91758	63.51	26.65	1096512.8		
380	3	17-Mar-25	1259	1359	44.12665	72.91	27.87	1142431		
381	3	17-Mar-25	1359	1459	41.92108	69.19	26.7	1139434.4		
382	3	17-Mar-25	1459	1559	22.82815	38.68	10.91	1060090	End of Day	19.569
383	3	18-Mar-25	0705	0805	10.1582	17.1	2.98	962833.6	Tank 3 Damper Opened at 0745	
384	3	18-Mar-25	0805	0905	40.65321	66.6	20.05	1139773.5		
385	3	18-Mar-25	0905	1005	44.22333	71.85	24.47	1154542.5		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
386	3	18-Mar-25	1005	1105	42.6671	69.29	24.19	1157977.8		
387	3	18-Mar-25	1105	1205	41.4034	67.2	22.95	1160721.8		
388	3	18-Mar-25	1205	1305	39.79871	64.41	21.49	1160566.6		
389	3	18-Mar-25	1305	1405	38.61469	61.05	20.11	1191210		
390	3	18-Mar-25	1405	1505	38.56058	57.97	18.86	1255230.7		
391	3	18-Mar-25	1505	1558	14.97842	28.63	7.15	800503.9	End of Day	18.028
392	3	19-Mar-25	0705	0805	1.66884	2.99	0.33	642620.6	Tank 3 Damper Opened at 0747	
393	3	19-Mar-25	0805	0905	34.73363	57.21	7.51	1129333.3		
394	3	19-Mar-25	0905	1005	24.67296	40.55	9.37	1136387.1		
395	3	19-Mar-25	1005	1105	34.87284	55.43	9.54	1178097.6		
396	3	19-Mar-25	1105	1205	34.1778	56.83	8.81	1129024.7		
397	3	19-Mar-25	1205	1305	32.9967	54.04	8.56	1148842.7		
398	3	19-Mar-25	1305	1405	31.67498	52.14	8.69	1143586.8		
399	3	19-Mar-25	1405	1505	28.59699	49.01	8.12	1096769.9		
400	3	19-Mar-25	1505	1548	1.74532	3.43	2.88	250591.5	End of Day	7.090
401	3	20-Mar-25	0830	0930	8.59307	15.4	1.26	795292	Tank 3 Damper Opened at 0852	
402	3	20-Mar-25	0930	1030	23.0184	39.13	3.11	1101107.8		
403	3	20-Mar-25	1030	1130	32.75019	53.65	7.55	1149091.3		
404	3	20-Mar-25	1130	1230	32.18907	52.69	7.97	1152464.5		
405	3	20-Mar-25	1230	1330	34.71477	57.2	9.09	1146774.2		
406	3	20-Mar-25	1330	1430	36.06824	60.13	12.35	1134528.9		
407	3	20-Mar-25	1430	1530	34.95029	59.99	14.84	1094274		
408	3	20-Mar-25	1530	1556	4.15346	9	2.85	374629.7	End of Day	7.378
409	3	21-Mar-25	0715	0815	28.9425	52.65	4.31	1000306.8	Tank 3 open at 0725	
410	3	21-Mar-25	0815	0915	27.13364	49.12	6.48	1032646.1		
411	3	21-Mar-25	0915	1015	30.5355	53.87	10.89	1061202.5		
412	3	21-Mar-25	1015	1115	35.5923	60.45	15.92	1108941.6		
413	3	21-Mar-25	1115	1215	36.05506	61.09	16.3	1114601.5		
414	3	21-Mar-25	1215	1315	36.23004	61.89	17.06	1107243.7		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
415	3	21-Mar-25	1315	1415	35.63676	61.18	16.86	1104369		
416	3	21-Mar-25	1415	1515	29.27432	50.19	11.88	1089032.8		
417	3	21-Mar-25	1515	1542	1.37667	8.66	3.15	116755.3	End of Day	11.428
418	3	24-Mar-25	0659	0759	5.01085	10.06	0.88	363051.1	Tank 3 Damper open at 0742	
419	3	24-Mar-25	0759	0859	36.27714	63.59	8	1061223.2		
420	3	24-Mar-25	0859	0959	38.74638	64.89	12.51	1118874.2		
421	3	24-Mar-25	0959	1059	39.05735	66.36	15.34	1108027.3		
422	3	24-Mar-25	1059	1159	35.92486	61.27	14.43	1109042.4		
423	3	24-Mar-25	1159	1259	35.36784	57.63	14.68	1165512.3		
424	3	24-Mar-25	1259	1359	28.96096	48.76	11.74	1127445.4		
425	3	24-Mar-25	1359	1459	25.08029	43.49	9.9	1097446		
426	3	24-Mar-25	1459	1559	20.34053	39.06	5.51	939783.9	End of Day	10.332
427	3	25-Mar-25	0720	0820	5.08796	9.91	1.01	775562.8	Tank 3 Damper open 0808	
428	3	25-Mar-25	0820	0920	26.47638	50.4	5.87	978541.7		
429	3	25-Mar-25	0920	1005	34.05441	60.24	8.57	1061636.1		
430	3	25-Mar-25	1020	1120	31.59784	61.13	8.3	970296.5		
431	3	25-Mar-25	1120	1220	30.17182	60.09	9.24	946521.8		
432	3	25-Mar-25	1220	1320	31.52361	51.08	15.45	1166211.5		
433	3	25-Mar-25	1320	1420	37.99369	58.22	13.49	1235745.8		
434	3	25-Mar-25	1420	1457	22.42493	36.76	10.95	689794.4		
435	3	25-Mar-25	1536	1548	0.0026	3.16	4.68	317.3	End of Day	8.618
436	3	26-Mar-25	0728	0828	30.13389	44.94	5.87	1223218.3	Tank 3 Damper opened at 0729	
437	3	26-Mar-25	0828	0928	39.28538	58.39	9.13	1263105.3		
438	3	26-Mar-25	0928	1028	36.65596	54.92	9.44	1259733		
439	3	26-Mar-25	1028	1128	33.83252	51.09	9.21	1256127.6		
440	3	26-Mar-25	1128	1228	31.57652	47.86	8.56	1254152.2		
441	3	26-Mar-25	1228	1328	29.62294	44.87	8	1256372.1		
442	3	26-Mar-25	1328	1428	27.81881	42.33	7.34	1252258.7		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
443	3	26-Mar-25	1428	1453	10.14613	16.24	6.67	489700.4		
444	3	26-Mar-25	1453	1527	4.4243	9.43	2.52	505136.5	End of Day	7.416
445	3	27-Mar-25	0700	0800	11.03347	17.54	2.07	817384.2	Tank 3 Damper opened at 0718	
446	3	27-Mar-25	0800	0900	26.55164	41.95	6.05	1186103.4		
447	3	27-Mar-25	0900	1000	27.78725	41.6	6.89	1262496.3		
448	3	27-Mar-25	1000	1100	25.38801	37.32	6.07	1291458.7		
449	3	27-Mar-25	1100	1200	23.611	34.99	5.68	1284303.9		
450	3	27-Mar-25	1200	1300	22.25173	32.98	5.14	1286236.9		
451	3	27-Mar-25	1300	1400	21.20755	31.4	4.97	1289048.5		
452	3	27-Mar-25	1400	1500	18.82082	29.17	4.22	1222019.1		
453	3	27-Mar-25	1500	1551	1.60086	10.32	2.18	195956.4	End of Day	4.808
454	3	28-Mar-25	0730	0830	6.19683	9.84	0.96	755065.7	Tank 3 Damper opened at 0753	
455	3	28-Mar-25	0830	0930	16.98671	26.09	2.79	1223581.2		
456	3	28-Mar-25	0930	1030	20.35347	31.45	3.94	1221418		
457	3	28-Mar-25	1030	1130	20.17033	31.34	4.24	1218577.7		
458	3	28-Mar-25	1130	1230	19.87771	29.07	3.75	1301685.4		
459	3	28-Mar-25	1230	1330	18.96126	27.54	3.4	1308823.4		
460	3	28-Mar-25	1330	1430	18.05987	25.86	3.03	1319875.3		
461	3	28-Mar-25	1430	1530	12.15164	20.52	1.95	1033486.7	End of Day	3.008
462	3	31-Mar-25	0705	0805	6.37709	11.69	1.03	875351.9	Tank 3 Damper Opened at 0714	
463	3	31-Mar-25	0805	0905	19.51233	34.68	4.32	1054288.5		
464	3	31-Mar-25	0905	1030	21.52677	38.32	5.77	1056574		
465	3	31-Mar-25	1005	1105	15.50575	30.64	4.51	952059		
466	3	31-Mar-25	1105	1205	14.02028	28.48	4.21	931028.5		
467	3	31-Mar-25	1205	1305	11.55277	24.23	3.05	904608.2		
468	3	31-Mar-25	1305	1405	7.32623	14.99	2.01	931949		
469	3	31-Mar-25	1405	1505	4.16192	8.22	0.95	954924.1		
470	3	31-Mar-25	1505	1605	3.48676	7.38	0.81	895429.3		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
471	3	31-Mar-25	1605	1613	0.21417	0.89	0.23	55930.1	End of Day	2.689
<p><i>APR 01 - APR 04, 2025: Tank ventilation activities for Tank 3 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tank 3 on MAY 31, 2025. Tank 3 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 4 ventilation.</i></p>										
472	4	4-Apr-25	0748	0848	3.37756	6.95	0.77	885544.5	Tank 4 Damper Opened at 0803	
473	4	4-Apr-25	0848	0948	7.06724	13.64	1.42	947131.8		
474	4	4-Apr-25	0948	1030	26.17057	53.02	10.62	939203.7		
475	4	4-Apr-25	1048	1148	39.82157	79.03	20.12	945177.3		
476	4	4-Apr-25	1148	1248	39.17611	77.47	22.29	951641.6		
477	4	4-Apr-25	1248	1348	28.1879	66.74	16.91	781632.1		
478	4	4-Apr-25	1348	1448	9.7203	19.6	2.1	932239.4		
479	4	4-Apr-25	1448	1454	0.28553	1.24	1.63	42617.9	End of Day	9.483
480	4	7-Apr-25	0645	0745	26.08825	50.14	9.55	590742.9	Tank 4 Damper Opened at 0717	
481	4	7-Apr-25	0745	0845	38.03352	72.28	13.45	980193		
482	4	7-Apr-25	0845	0945	40.2108	73.89	17.73	1021793.1		
483	4	7-Apr-25	0945	1045	36.79112	68.69	18.45	1007816		
484	4	7-Apr-25	1045	1145	38.67836	71.77	22.14	1016791		
485	4	7-Apr-25	1145	1245	38.9981	73.28	25.59	1007199.9		
486	4	7-Apr-25	1245	1345	38.78037	73.47	27.85	1000998.4		
487	4	7-Apr-25	1345	1445	33.08226	62.54	23.11	1004466.7		
488	4	7-Apr-25	1445	1545	13.85782	28.26	12.11	625026.8	End of Day	18.887
489	4	8-Apr-25	0655	0755	24.94046	44.85	9.2	954642.1	Tank 4 Damper Opened at 0705	
490	4	8-Apr-25	0755	0855	43.03948	78.08	26.31	1032212.9		
491	4	8-Apr-25	0855	955	41.08709	75.07	28.65	1027796.7		
492	4	8-Apr-25	0955	1055	38.80308	70.65	28.31	1033537.7		
493	4	8-Apr-25	1055	1155	36.37928	66.37	27.21	1033223.2		
494	4	8-Apr-25	1155	1255	37.00515	67.28	28.77	1039080.5		
495	4	8-Apr-25	1255	1355	35.5079	65	27.87	1033769.7		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
496	4	8-Apr-25	1355	1455	33.89253	62.17	27.35	1031990.4		
497	4	8-Apr-25	1455	1555	18.617	37.22	13.8	852368.1	End of Day	24.163
498	4	9-Apr-25	0740	0840	27.19229	46.71	7.43	976424.5	Tank 4 Damper Opened at 0747	
499	4	9-Apr-25	0840	0940	38.11494	64.5	18.7	1101657.1		
500	4	9-Apr-25	0940	1040	42.82313	72.19	27.7	1108626.1		
501	4	9-Apr-25	1040	1140	40.96669	68.9	27.61	1115865.9		
502	4	9-Apr-25	1140	1240	39.12519	65.46	26.56	1121057.1		
503	4	9-Apr-25	1240	1340	39.06344	62.52	25.93	1173480.9		
504	4	9-Apr-25	1340	1440	37.91742	62.52	25.4	1146725.1		
505	4	9-Apr-25	1440	1340	27.22854	47.39	15.08	1074890.3		
506	4	9-Apr-25	1540	1557	1.75955	4.08	0.22	224007.7	End of Day	19.403
507	4	10-Apr-25	0728	0828	32.86611	54.58	17.13	1091271.3	Tank 4 damper opened at 0737	
508	4	10-Apr-25	0828	0928	43.47709	72.11	27.24	1127308.3		
509	4	10-Apr-25	0928	1028	44.02743	70.17	21.16	1172709.5		
510	4	10-Apr-25	1028	1128	40.92999	65.66	19.42	1171724.5		
511	4	10-Apr-25	1128	1229	42.39366	68.2	18.6	1172001.9		
512	4	10-Apr-25	1228	1328	41.8416	64.46	17.03	1221353.4		
513	4	10-Apr-25	1328	1428	42.55303	64.15	17.54	1244632.4		
514	4	10-Apr-25	1428	1528	33.38112	52.39	12.7	1168246.6		
515	4	10-Apr-25	1528	1546	1.75797	4.42	0.27	207626.3	End of Day	16.788
516	4	11-Apr-25	0713	0813	24.61001	41.63	6.28	926848.4	Tank 4 damper opened at 0722	
517	4	11-Apr-25	0813	0913	35.03548	57.16	10.84	1142079.3		
518	4	11-Apr-25	0913	1013	34.01104	55.68	11.51	1139065.1		
519	4	11-Apr-25	1013	1113	32.52693	53.36	11.15	1137834.6		
520	4	11-Apr-25	1113	1213	23.26234	40.32	8.03	1026548.3	End of Day	9.562
521	4	14-Apr-25	0826	0926	22.16655	41.73	2.41	904289.5	Tank 4 damper opened at 0829	
522	4	14-Apr-25	0926	1026	32.4841	56.04	3.99	1086948		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
523	4	14-Apr-25	1026	1126	29.41656	49.88	3.61	1109267.9		
524	4	14-Apr-25	1126	1226	26.12546	44.8	3.23	1100492.1		
525	4	14-Apr-25	1226	1326	23.24269	43.89	4.05	998206.6		
526	4	14-Apr-25	1326	1426	23.24269	43.89	4.05	998206.6		
527	4	14-Apr-25	1426	1526	20.1357	41.61	3.88	850543.1	End of Day	3.603
528	4	15-Apr-25	0711	0811	15.12629	27.29	1.56	932819.1	Tank 4 damper opened at 0717	
529	4	15-Apr-25	0811	0911	22.64201	37.8	2.32	1116178.2		
530	4	15-Apr-25	0911	1011	18.00848	30.21	1.89	1128771.2		
531	4	15-Apr-25	1011	1111	24.64126	40.89	2.98	1133026.7		
532	4	15-Apr-25	1111	1211	26.01483	43.9	3.52	1117537.4		
533	4	15-Apr-25	1211	1311	28.30738	48.19	4.41	1106686.5		
534	4	15-Apr-25	1311	1411	40.44654	68.28	15.27	1122209.2		
535	4	15-Apr-25	1411	1511	37.61249	66.69	19.75	1065281.7		
536	4	15-Apr-25	1511	1556	14.0765	26.95	8.62	684700.7	End of Day	6.702
537	4	16-Apr-25	0734	0834	15.14078	32.53	4.01	804109.9	Tank 4 damper opened at 0813	
538	4	16-Apr-25	0834	0934	34.08575	65.13	13.61	980640.1		
539	4	16-Apr-25	934	1034	38.21242	72.4	16.73	990552.7		
540	4	16-Apr-25	1034	1134	42.97326	81.72	19.22	988009.8		
541	4	16-Apr-25	1134	1234	39.81275	75.12	18.71	99221.2		
542	4	16-Apr-25	1234	1334	40.96184	75.62	18.21	1020270		
543	4	16-Apr-25	1334	1434	44.14743	78.46	18.97	1061355.8		
544	4	16-Apr-25	1434	1534	21.52193	40.29	8.26	978503.3		
545	4	16-Apr-25	1534	1551	1.29814	4.28	2.34	159885.6	End of Day	13.340
546	4	17-Apr-25	0706	0806	21.9258	39.28	7.95	922386.5	Tank 4 damper opened at 0706	
547	4	17-Apr-25	0806	0906	40.23478	70.32	18.35	1064777.9		
548	4	17-Apr-25	0906	1006	40.63871	72.58	21.62	1040129.7		
549	4	17-Apr-25	1006	1106	38.50707	69.36	22.53	1034434.4		
550	4	17-Apr-25	1106	1206	38.16818	69.52	22.17	1026128.9		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
551	4	17-Apr-25	1206	1306	39.11985	71.29	21.15	1023548.5		
552	4	17-Apr-25	1306	1406	41.74615	74.89	19.8	1041803		
553	4	17-Apr-25	1406	1506	26.71092	45.74	10.78	1024760.1		
554	4	17-Apr-25	1506	1522	1.01837	3.94	3.73	123158	End of Day	16.453
555	4	18-Apr-25	0650	0750	17.90963	26.39	3.11	966244.8	Tank 4 damper opened at 0722	
556	4	18-Apr-25	0750	0850	45.08631	63.1	11.31	1338177.6		
557	4	18-Apr-25	0850	0950	44.76001	63.05	13.34	1333748.5		
558	4	18-Apr-25	0950	1050	43.97253	61.96	13.84	1334519.2		
559	4	18-Apr-25	1050	1150	40.83303	57.35	12.3	1336028.1		
560	4	18-Apr-25	1150	1250	39.30586	55.88	11.24	1328508.6		
561	4	18-Apr-25	1250	1350	41.22892	58.76	9.21	1324022.3		
562	4	18-Apr-25	1350	1450	37.80449	53.48	8.07	1322859.5		
563	4	18-Apr-25	1450	1540	5.18377	14.43	2.7	449860.7	End of Day	9.458
564	4	21-Apr-25	0700	0800	23.76536	33.63	2.8	1123713.6	Tank 4 damper opened at 0717	
565	4	21-Apr-25	0800	0900	42.56408	59.86	6.36	1335977.1		
566	4	21-Apr-25	0900	1000	42.19205	60.71	7.91	1310576.6		
567	4	21-Apr-25	1000	1100	37.09462	52.85	9.78	1327998.4		
568	4	21-Apr-25	1100	1200	43.32354	64.28	9.25	1280586.8		
569	4	21-Apr-25	1200	1300	41.49457	62.37	8.49	1264905.9		
570	4	21-Apr-25	1300	1400	37.68842	54.6	7.24	1314207.7		
571	4	21-Apr-25	1400	1500	32.91991	48.45	6.19	1281140.8		
572	4	21-Apr-25	1500	1533	2.70025	8.16	2.18	302939	End of Day	6.689
573	4	22-Apr-25	0751	0851	5.31659	8.29	0.67	901852.6	Tank 4 damper opened at 0758	
574	4	22-Apr-25	0851	0951	23.81087	36.15	3.16	1241783.4		
575	4	22-Apr-25	0951	1051	26.18385	39.89	3.88	1240726.3		
576	4	22-Apr-25	1051	1151	27.69664	42.75	4.67	1229427.1		
577	4	22-Apr-25	1151	1251	27.84264	43.04	4.47	1229909.4		
578	4	22-Apr-25	1251	1351	27.51128	42.07	4.47	1241409.2		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
579	4	22-Apr-25	1351	1451	27.15081	40.79	4.47	1266175.9		
580	4	22-Apr-25	1451	1550	9.69126	19.36	2.36	793186.4	End of Day	3.519
581	4	23-Apr-25	1057	1157	17.60151	28.98	2.27	1108989.9	Tank 4 damper opened at 1112	
582	4	23-Apr-25	1157	1257	31.35751	53	5.66	1122576.3		
583	4	23-Apr-25	1257	1357	17.15287	31.57	4.94	1029484.5		
584	4	23-Apr-25	1357	1457	14.2206	26.88	3.76	1003421.9		
585	4	23-Apr-25	1457	1550	6.06997	13.76	2.47	598427.6	End of Day	3.820
586	4	24-Apr-25	0812	0912	9.1025	15.34	1.28	1058972.7	Tank 4 damper opened at 0839	
587	4	24-Apr-25	0912	1012	18.03602	25.63	3.32	1332086.3		
588	4	24-Apr-25	1012	1112	22.17856	33.45	3.96	1271633.9		
589	4	24-Apr-25	1112	1212	30.82202	50.86	5.03	1150075.9		
590	4	24-Apr-25	1212	1312	27.063.9	44.63	5.13	1153417.8		
591	4	24-Apr-25	1312	1412	23.73958	38.96	5.11	1158486.8		
592	4	24-Apr-25	1412	1512	22.82847	37.29	4.82	1163025.8		
593	4	24-Apr-25	1512	1537	2.95029	5.7	2.24	379468.5	End of Day	3.861
594	4	25-Apr-25	0725	0825	21.92079	31.08	2.44	1294796.7	Tank 4 damper opened at 0726	
595	4	25-Apr-25	0825	0925	24.37026	34.84	3.55	1317443.5		
596	4	25-Apr-25	0925	1025	24.34289	34.91	3.75	1316608.6		
597	4	25-Apr-25	1025	1125	23.51664	33.95	3.75	1311321.4		
598	4	25-Apr-25	1125	1225	22.04151	31.2	3.76	1344157		
599	4	25-Apr-25	1225	1325	19.26044	26.88	3.15	1366935.7		
600	4	25-Apr-25	1325	1425	16.1018	22.32	3.03	1376552.9		
601	4	25-Apr-25	1425	1525	12.24401	18.39	2.33	1201810	End of Day	3.220
602	4	28-Apr-25	0650	0750	13.16163	17.7	1.43	1189702.2	Tank 4 damper opened at 0657	
603	4	28-Apr-25	0750	0850	27.51538	37.19	3.81	1393435.4		
604	4	28-Apr-25	0850	0950	25.9779	35.28	4.3	1392914.3		
605	4	28-Apr-25	0950	1050	20.3174	27.75	3.55	1389799.4		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
606	4	28-Apr-25	1050	1150	17.01079	23.33	2.93	1386559		
607	4	28-Apr-25	1150	1250	15.23465	20.92	2.34	1384711.4		
608	4	28-Apr-25	1250	1350	14.05327	19.09	2.25	1393554.9		
609	4	28-Apr-25	1350	1450	12.89599	17.48	1.62	1388522.5		
610	4	28-Apr-25	1450	1528	4.99524	8.13	1.34	661848.3	End of Day	2.619
<i>APR 29, 2025: No active ventilation activities. Contractor stand-down (not related to Red Hill). Notified DOH.</i>										
611	4	30-Apr-25	0730	0830	2.02998	3.06	0.2	556548.9	Tank 4 damper opened at 0733	
612	4	30-Apr-25	0830	0930	11.71385	16.26	1.23	1357399.7		
613	4	30-Apr-25	0930	1030	11.12015	19.69	1.97	1059343.5		
614	4	30-Apr-25	1030	1130	4.68567	10.14	1.13	846289.5		
615	4	30-Apr-25	1130	1230	2.00826	4.55	0.22	836553.5		
616	4	30-Apr-25	1230	1330	1.34206	3.1	0.22	818126.5		
617	4	30-Apr-25	1330	1430	1.20774	2.96	0.22	773823.5		
618	4	30-Apr-25	1430	1530	1.13136	2.81	0.22	764705.3		
619	4	30-Apr-25	1530	1538	0.08453	0.42	0.22	52962.9	End of Day	0.626
<i>MAY 01 - JUL 10, 2025: Tank ventilation activities for Tanks 3 and 4 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tank 4 on APR 30, 2025. Tank 4 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 2 ventilation.</i>										
620	2	11-Jul-25	1040	1140	1.51365	3.85	0.62	759662.6	Tank 4 damper opened at 1133	
621	2	11-Jul-25	1140	1240	5.75476	15.32	2.74	709171.5		
622	2	11-Jul-25	1240	1340	4.41428	10.44	1.71	794257.2	End of Day	1.690
623	2	14-Jul-25	1152	1252	3.279638	5.75	0.76	1003951.8	Tank 2 damper opened at	
624	2	14-Jul-25	1252	1352	19.12368	31.9	7.79	1142759.8		
625	2	14-Jul-25	1352	1452	41.0345	68.61	19.06	1137096.8		
626	2	14-Jul-25	1452	1552	12.84927	24.43	11.11	551877.2	End of Day	9.680
627	2	15-Jul-25	0742	0842	29.98111	53.61	14.39	1042535.2	Tank 2 Damper Opened at 0741	
628	2	15-Jul-25	0842	0942	37.65664	67.03	19.99	1057770.5		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
629	2	15-Jul-25	0942	1042	38.66284	68.93	20.9	1060189.1		
630	2	15-Jul-25	1042	1142	40.40307	77.26	21.45	993809.7		
631	2	15-Jul-25	1142	1242	34.04383	69.34	19.31	933024.5		
632	2	15-Jul-25	1241	1341	36.79623	76	18.45	922399.7		
633	2	15-Jul-25	1341	1441	37.6675	78.1	16.96	918446.8		
634	2	15-Jul-25	1441	1542	24.98843	51.22	12.03	913487.4	End of Day	17.935
635	2	16-Jul-25	0851	0951	26.7481	52.29	9.42	931394.4	Tank 2 Damper Opened at 0851	
636	2	16-Jul-25	0951	1051	43.85483	81.54	16.78	1018996.8		
637	2	16-Jul-25	1051	1151	42.69039	78.49	16.2	1031132.9		
638	2	16-Jul-25	1151	1251	39.05802	72.23	14.05	1028029.6		
639	2	16-Jul-25	1251	1351	38.62239	71.61	12.59	1027167.1		
640	2	16-Jul-25	1351	1451	35.76405	66.51	11.41	1027579.9		
641	2	16-Jul-25	1451	1547	9.10953	18.51	2.53	915741.6	End of Day	11.854
642	2	17-Jul-25	0725	0825	7.44154	12.9	2.66	925703.9	Tank 2 Damper Opened at 0748	
643	2	17-Jul-25	0825	0925	26.07524	46.01	8.1	1088786.2		
644	2	17-Jul-25	0925	1025	14.00819	21.72	4.85	1220489.5		
645	2	17-Jul-25	1025	1125	11.84779	17.85	4.12	1256153		
646	2	17-Jul-25	1125	1225	10.96683	17	3.72	1226295.4		
647	2	17-Jul-25	1225	1325	8.72006	13.49	3	1233897		
648	2	17-Jul-25	1325	1425	9.2247	14.33	3.2	1230292.4		
649	2	17-Jul-25	1425	1515	5.2393	8.28	2.07	987668.9	End of Day	3.965
650	2	18-Jul-25	0700	0800	3.51854	5.69	0.92	976242.5	Tank 2 Damper Opened at 0714	
651	2	18-Jul-25	0800	0900	6.62861	9.62	1.64	1298150.9		
652	2	18-Jul-25	0900	1000	8.24944	12.17	2.34	1282381.7		
653	2	18-Jul-25	1000	1100	8.97704	13.27	2.52	1285646.1		
654	2	18-Jul-25	1100	1200	15.01092	22.27	4.99	1284208.5		
655	2	18-Jul-25	1200	1300	23.16307	34.54	8.57	128353.7		
656	2	18-Jul-25	1300	1400	30.12387	44.88	11.93	1283763.5		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
657	2	18-Jul-25	1400	1500	30.28754	44.7	11.75	1296202.6		
658	2	18-Jul-25	1500	1600	6.20379	10.92	5.67	425034.1	End of Day	5.592
659	2	21-Jul-25	0719	0819	13.34888	24.9	5.23	845135.1	Tank 2 Damper Opened at 0734	
660	2	21-Jul-25	0819	0919	45.01198	76.76	14.9	1107348.6		
661	2	21-Jul-25	0919	1019	39.73203	65.73	13.88	1149874.5		
662	2	21-Jul-25	1019	1119	40.52304	64.29	13.59	1199204.9		
663	2	21-Jul-25	1119	1219	39.59464	62.63	12.76	1205756		
664	2	21-Jul-25	1219	1319	40.33068	62.86	12.7	1226049.7		
665	2	21-Jul-25	1319	1419	36.33361	57.54	12.43	1207720.4		
666	2	21-Jul-25	1419	1519	37.13014	58.75	12.9	1208279.8		
667	2	21-Jul-25	1519	1619	6.73057	12.95	5.74	490626.2	End of Day	11.570
668	2	22-Jul-25	0700	0800	7.42135	12.43	2.58	1010124	Tank 2 Damper Opened at 0710	
669	2	22-Jul-25	0800	0900	27.62761	48.92	7.4	1094026.8		
670	2	22-Jul-25	0900	1000	36.40288	66.81	9.9	1030122.1		
671	2	22-Jul-25	1000	1100	31.38765	58.06	8.45	1022955.1		
672	2	22-Jul-25	1100	1200	25.25114	47.27	6.32	1013416		
673	2	22-Jul-25	1200	1300	19.97214	37.45	4.56	1013696.3		
674	2	22-Jul-25	1300	1400	16.43458	30.89	3.47	1011605.7		
675	2	22-Jul-25	1400	1500	15.81961	29.47	3.72	1024445.3		
676	2	22-Jul-25	1500	1600	6.25801	11.86	2.74	599702.9	End of Day	5.460
677	2	23-Jul-25	0730	0830	2.98179	5.28	0.68	941047.1	Tank 2 Damper Opened at 0740	
678	2	23-Jul-25	0830	0930	10.92582	16.95	3.17	1215929.1		
679	2	23-Jul-25	0930	1030	19.20706	28.6	5.27	1275961.5		
680	2	23-Jul-25	1030	1130	42.46625	63.21	12.71	1278400.5		
681	2	23-Jul-25	1130	1230	41.39761	61.7	12.61	1282144.7		
682	2	23-Jul-25	1230	1330	37.03076	55.27	11.47	1282070.7		
683	2	23-Jul-25	1330	1430	33.23273	47.84	9.52	1332339.4		
684	2	23-Jul-25	1430	1530	26.52279	39.46	7.59	1265437.1		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
685	2	23-Jul-25	1530	1550	1.88323	4.53	2.54	251978.8	End of Day	7.284
686	2	24-Jul-25	0753	0853	7.84319	12.92	1.34	1016260.6	Tank 2 Damper Opened at 0809	
687	2	24-Jul-25	0853	0953	16.87019	26.1	3.4	1225414		
688	2	24-Jul-25	0953	1053	7.47058	14.94	2.12	663646.6	End of Day	2.287
689	2	25-Jul-25	0952	1052	7.16448	11.16	1.75	1010581.5	Tank 2 Damper Opened 1008	
690	2	25-Jul-25	1043	1143	9.10953	18.51	2.53	915741.6		
691	2	25-Jul-25	1152	1252	23.41753	33.72	6.3	1320905.9		
692	2	25-Jul-25	1252	1352	21.87648	31.73	5.9	1312061.9		
693	2	25-Jul-25	1352	1452	19.86773	28.87	5.24	1313096.3		
694	2	25-Jul-25	1452	1552	8.05486	13.84	3.64	752838.6	End of Day	4.227
695	2	28-Jul-25	0728	0828	14.04372	21.4	2.5	1132302.9	Tank 2 Damper Opened 0730	
696	2	28-Jul-25	0828	0928	21.26616	31.68	4.23	1260238		
697	2	28-Jul-25	0928	1028	20.35634	30.39	3.74	1259896.2		
698	2	28-Jul-25	1028	1128	18.94817	28.18	3.75	1270475.2		
699	2	28-Jul-25	1128	1228	17.87479	25.78	3.75	1312445.9		
700	2	28-Jul-25	1227	1327	16.15741	23.45	3.72	1312593.9		
701	2	28-Jul-25	1327	1427	14.59738	21.36	3.05	1306506.6		
702	2	28-Jul-25	1427	1527	12.83849	18.88	2.91	1293012.5	End of Day	3.456
703	2	29-Jul-25	0739	0839	7.71216	11.19	1.1	1247041.8	Tank 2 Damper Opened 0741	
704	2	29-Jul-25	0839	0939	11.68189	16.84	2.26	1313634.7		
705	2	29-Jul-25	0939	1039	11.62876	16.84	2.34	1312025.1		
706	2	29-Jul-25	1039	1139	11.05641	16.03	2.34	1314209.2		
707	2	29-Jul-25	1139	1239	8.45222	15.6	3.02	1052281.5		
708	2	29-Jul-25	1239	1339	9.81212	14.3	2.22	1312520.6		
709	2	29-Jul-25	1339	1439	9.19283	13.38	1.65	1315395.5		
710	2	29-Jul-25	1439	1539	5.15646	10.79	1.32	783511.1	End of Day	2.031

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
711	2	30-Jul-25	0725	0825	4.39472	6.61	0.47	115862.3	Tank 2 Damper Opened 0733	
712	2	30-Jul-25	0825	0925	7.51928	11.05	1.49	1289027.7		
713	2	30-Jul-25	0925	1025	6.4547	11.65	1.64	1051857.2		
714	2	30-Jul-25	1025	1125	3.99423	8.34	1.3	908091.3		
715	2	30-Jul-25	1125	1225	3.60179	7.34	0.9	932407.9		
716	2	30-Jul-25	1225	1325	3.5331	7.24	0.9	328595		
717	2	30-Jul-25	1325	1425	3.31449	6.78	0.9	931975.4		
718	2	30-Jul-25	1425	1525	3.20535	6.54	0.9	935117.7	End of Day	1.063
<p><i>JUL 31 - NOV 12, 2025: Tank ventilation activities for Tank 2 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tank 22 on JUL 30, 2025. Tank 2 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 20 ventilation.</i></p>										
719	20	12-Nov-25	0927	1027	1.49121	9.43	0.63	295832.7	Tank 20 Damper open 1010	
720	20	12-Nov-25	1027	1127	8.63448	54.14	7.15	3001007.8		
721	20	12-Nov-25	1127	1227	11.82453	68.22	9.82	326416.6		
722	20	12-Nov-25	1227	1327	19.03528	84.52	21.34	423777.4		
723	20	12-Nov-25	1327	1427	20.68473	87.69	25.85	445281.4		
724	20	12-Nov-25	1427	1527	17.86153	75.07	20.81	449324.6		
725	20	12-Nov-25	1527	1627	2.99626	22.12	3.34	172905.8	End of Day	12.706
726	20	13-Nov-25	0745	0845	6.87324	30.4	7.93	393183.5	Tank 20 Damper opened 0746	
727	20	13-Nov-25	0845	0945	8.72485	36.63	15.91	449161.9		
728	20	13-Nov-25	0945	1045	9.88981	42.64	24.01	438468.3		
729	20	13-Nov-25	1045	1145	9.86423	42.77	23.64	435904		
730	20	13-Nov-25	1145	1245	7.87742	34.16	17.78	435786.7		
731	20	13-Nov-25	1245	1345	6.15654	26.67	13.01	436480.6		
732	20	13-Nov-25	1345	1445	4.69055	20.4	9.51	434821.8		
733	20	13-Nov-25	1445	1545	1.33656	6.6	3.95	195491.8	End of Day	14.468
734	20	14-Nov-25	0743	0843	3.62516	15.92	6.55	406788.2	Tank 20 Damper opened at 0746.	

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
735	20	14-Nov-25	0843	0943	1.71781	9.68	9.3	334765.9		
736	20	14-Nov-25	0943	1043	1.37309	7.71	7.43	336073.9		
737	20	14-Nov-25	1043	1143	1.08327	6.1	6.07	335060.2		
738	20	14-Nov-25	1243	1249	0.0118	0.15	0.84	14286.8	End of Day	6.038
NOV 17, 2025: No active ventilation activities due to main sump offline. Notified DOH.										
739	20	18-Nov-25	0730	0830	3.65059	15.56	4.41	313713.1	Tank 20 Damper opened at 0749	
740	20	18-Nov-25	0830	0930	6.05295	26.62	11.41	429816.2		
741	20	18-Nov-25	0930	1030	6.05455	26.36	12.42	434117		
742	20	18-Nov-25	1030	1130	5.27082	22.82	11.06	435694.6		
743	20	18-Nov-25	1130	1230	4.37949	19.27	8.58	429644.4		
744	20	18-Nov-25	1230	1330	3.40385	15	6.51	428993.7		
745	20	18-Nov-25	1330	1430	3.14253	13.41	6.84	442732.9		
746	20	18-Nov-25	1430	1530	2.63377	11.77	5.43	420942.1		
747	20	18-Nov-25	1530	1630	0.02742	0.65	1.06	10128.5	End of Day	7.524
748	20	19-Nov-25	0745	0845	1.31232	9.7	2.34	237714.3	Tank 20 Damper Opened at 0745	
749	20	19-Nov-25	0845	0945	2.67516	16.19	5.32	307626.4		
750	20	19-Nov-25	0945	1045	2.2391	13.78	4.05	305549.3		
751	20	19-Nov-25	1045	1145	6.59	37.59	20.31	330512.1		
752	20	19-Nov-25	1145	1245	12.09279	56.09	24.52	406307.5		
753	20	19-Nov-25	1245	1345	11.54583	48.15	20.5	452511.4		
754	20	19-Nov-25	1345	1445	7.74377	32.72	11.05	446907.8		
755	20	19-Nov-25	1445	1545	5.16328	23.05	8.07	356091.5	End of Day	12.020
756	20	20-Nov-25	0739	0839	7.18907	30.94	14.18	388248.3	Tank 20 Damper Opened 0739	
757	20	20-Nov-25	0839	0939	9.60114	38.66	15.64	468286.6		
758	20	20-Nov-25	0939	1039	14.64202	56.89	22.49	486187.3		
759	20	20-Nov-25	1039	1139	14.08736	54.8	21.28	485624.2		
760	20	20-Nov-25	1139	1239	15.24782	59.16	23.62	486822.2		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
761	20	20-Nov-25	1239	1339	14.49222	56.23	21.47	486837.9		
762	20	20-Nov-25	1339	1439	13.51469	52.4	18.95	487266		
763	20	20-Nov-25	1439	1539	11.07807	44.4	15.02	453737.7		
764	20	20-Nov-25	1539	1543	0.09006	1.01	2.03	11361.1	End of Day	17.187
NOV 21, 2025: No active ventilation activities. Notified DOH.										
765	20	24-Nov-25	0841	0941	6.20479	27.65	7.26	383916.3	Tank 20 Damper Opened 0846	
766	20	24-Nov-25	0941	1041	9.41779	38.96	14.98	456437.4		
767	20	24-Nov-25	1041	1141	9.54194	39.49	16.35	456355.2		
768	20	24-Nov-25	1141	1241	9.97872	42.34	18.66	442896.7		
769	20	24-Nov-25	1241	1341	10.64169	44.25	19.61	454166.1		
770	20	24-Nov-25	1341	1441	10.0304	41.73	17.54	453945.9		
771	20	24-Nov-25	1441	1541	9.03204	38.1	15.75	430875.1	End of Day	15.736
772	20	25-Nov-25	0730	0830	2.32488	14.57	0.94	283731.9	Tank 20 Damper Opened 0733	
773	20	25-Nov-25	0830	0930	2.17531	13.47	0.31	303726.7		
774	20	25-Nov-25	0930	1030	2.45639	15.57	0.92	297160.5		
775	20	25-Nov-25	1030	1130	8.65814	36.64	13.26	439069.4		
776	20	26-Nov-25	1130	1230	13.61932	56.61	23.95	454066.6		
777	20	25-Nov-25	1230	1330	14.31570	57.92	20.64	467644.6		
778	20	25-Nov-25	1330	1430	15.05289	59.36	24.07	478593.1		
779	20	25-Nov-25	1430	1525	5.58847	26.16	7.18	293185.3	End of Day	11.409
780	20	26-Nov-25	0725	0825	10.54779	43.04	20.22	420667.9	Tank 20 Damper Opened 0726	
781	20	26-Nov-25	0825	0925	15.22196	58.85	27.16	488095.1		
782	20	26-Nov-25	0925	1025	16.46335	63.43	26.95	489791.8		
783	20	26-Nov-25	1025	1125	17.29206	66.37	27.82	491672.5		
784	20	26-Nov-25	1125	1225	16.57525	63.57	24.83	492150.3		
785	20	26-Nov-25	1225	1325	16.22108	62.29	23.86	491533.5		
786	20	26-Nov-25	1325	1425	15.02403	58.35	20.83	484258		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
787	20	26-Nov-25	1425	1525	1.35432	17.16	2.89	104728.5		21.820
NOV 28, 2025: No active ventilation activities. Thanksgiving Break.										
788	20	1-Dec-25	0804	0904	9.87481	48.52	18.89	347912.3	Tank 20 Damper Opened 0810	
789	20	1-Dec-25	0904	1004	18.06338	68.07	29.38	500652.5		
790	20	1-Dec-25	1004	1104	14.3888	54.74	21.04	495500.8		
791	20	1-Dec-25	1104	1204	10.83331	42.09	14.34	486322.8		
792	20	1-Dec-25	1204	1304	12.02134	47.03	24.61	482880.2		
793	20	1-Dec-25	1304	1404	12.12845	47.51	24.6	482335.6		
794	20	1-Dec-25	1404	1504	11.99976	47.21	23.71	480302.9		
795	20	1-Dec-25	1504	1545	3.88238	19.06	7.16	214172.9	End of Day	20.466
796	20	2-Dec-25	0725	0825	11.01528	44.24	19.52	426095	Tank 20 Damper Opened 0730	
797	20	2-Dec-25	0825	0925	14.10113	57.45	26.24	463841		
798	20	2-Dec-25	0925	1025	15.29207	62.98	26.37	458917		
799	20	2-Dec-25	1025	1125	13.15018	54.3	23.85	458110.3		
800	20	2-Dec-25	1125	1225	10.29009	42	23.88	462832.8		
801	20	2-Dec-25	1225	1325	10.95403	45	26.05	459933.7		
802	20	2-Dec-25	1325	1425	10.83793	44.88	23.93	456357.5		
803	20	2-Dec-25	1425	1525	8.72076	37	17.13	439219.8		
804	20	2-Dec-25	1525	1542	0.83617	4.25	2.42	103211.6	End of Day	21.043
805	20	3-Dec-25	0745	0844	8.97172	41.23	22.63	388119.9	Tank 20 Damper Opened 0746	
806	20	3-Dec-25	0845	0944	11.42441	48.75	23.62	442327.6		
807	20	3-Dec-25	0945	1044	11.40438	46	20.45	468200.4		
808	20	3-Dec-25	1045	1144	10.96073	43.48	19.84	475319		
809	20	3-Dec-25	1145	1244	9.95766	40.02	20.22	469207.3		
810	20	3-Dec-25	1245	1344	8.88033	35.68	17.89	469474.5		
811	20	3-Dec-25	1345	1444	7.83586	31.58	15.52	468051.9		
812	20	3-Dec-25	1445	1534	4.45324	20.08	9.52	322551.5	End of Day	18.711

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
813	20	4-Dec-25	0725	0825	3.8512	15.75	9.17	401996.5	Tank 20 Damper Opened 0732	
814	20	4-Dec-25	0825	0925	7.22095	29.18	15.98	466748		
815	20	4-Dec-25	0925	1025	7.21481	29.13	14.98	467159.5		
816	20	4-Dec-25	1025	1125	6.10218	26.18	13.27	438629.1		
817	20	4-Dec-25	1125	1225	5.54561	23.89	12.19	439347.1		
818	20	4-Dec-25	1225	1325	5.21124	21.02	10.59	467667.4		
819	20	4-Dec-25	1325	1425	4.70903	19.02	9.6	467041.3		
820	20	4-Dec-25	1425	1524	3.6654	16.06	8.02	407622.1	End of Day	11.725
821	20	5-Dec-25	0725	0825	2.47129	10.2	5.54	404103.7	Tank 20 Damper Opened 0730	
822	20	5-Dec-25	0825	0925	5.20946	21.41	11.42	458992.9		
823	20	5-Dec-25	0925	1025	4.42228	21.43	11.09	388280		
824	20	5-Dec-25	1025	1125	4.06762	19.67	10.5	389063.9		
825	20	5-Dec-25	1125	1225	3.78184	18.29	10.14	388987.2		
826	20	5-Dec-25	1225	1325	3.46466	16.72	9.72	389670.3		
827	20	5-Dec-25	1325	1425	3.08598	14.53	8.82	399717.1		
828	20	5-Dec-25	1425	1525	2.29317	11.74	7.35	352641.8	End of Day	9.323
829	20	8-Dec-25	0654	0754	1.43438	5.72	4.42	417901.4	Tank 20 Damper Opened 0656	
830	20	8-Dec-25	0754	0854	3.17384	13.27	10.69	452205.2		
831	20	8-Dec-25	0854	0954	2.64561	11.66	8.5	427961.5		
832	20	8-Dec-25	0954	1054	2.49558	11.04	7.71	426646.1		
833	20	8-Dec-25	1054	1154	1.73931	9.33	6.19	331214.2	End of Day	7.502
<p><i>DEC 09, 2025 - FEB 2, 2026: Tank ventilation activities for Tank 20 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tank 20 on DEC 8, 2025. Tank 20 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 15 ventilation.</i></p>										
834	15	03-Feb-26	1246	1346	0.11626	0.24	0.25	894747.5		
835	15	03-Feb-26	1346	1446	0.30194	0.51	0.25	1045719.7	Tank 15 Damper Opened 1431	
836	15	03-Feb-26	1446	1546	0.41343	0.69	0.25	1111871.3	End of Day	0.250

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
837	15	04-Feb-26	1002	1102	3.66830	5.42	0.67	1038369.2	Tank 15 Damper Opened 1015	
838	15	04-Feb-26	1102	1202	11.82827	18.36	2.86	1211167.6		
839	15	04-Feb-26	1202	1302	11.61800	19.14	4.28	1152548.5		
840	15	04-Feb-26	1302	1402	12.64063	20.77	4.76	1157438.5		
841	15	04-Feb-26	1402	1502	11.62692	21.92	8.43	1003583.2		
842	15	04-Feb-26	1502	1555	6.34439	14.21	11.78	724992.3	End of Day	5.463
843	15	5-Feb-26	0734	0834	4.62528	9.99	5.75	751466.2	Tank 15 Damper Opened 0742	
844	15	5-Feb-26	0834	0934	8.89932	19.06	12.99	885303.3		
845	15	5-Feb-26	0934	1034	8.34136	17.82	13.16	888946.5		
846	15	5-Feb-26	1034	1134	7.72407	16.57	12.46	886065.7		
847	15	5-Feb-26	1134	1234	7.04265	15.04	11.91	891236		
848	15	5-Feb-26	1234	1334	6.18756	13.33	10.74	883673.8		
849	15	5-Feb-26	1334	1434	5.82957	12.59	10.01	881336.3		
850	15	5-Feb-26	1434	1534	4.62544	9.93	8.68	834279.5	End of Day	10.713
851	15	6-Feb-26	1000	1100	2.16963	4.64	2.95	879224.2	Tank 15 Damper Opened 1001	
852	15	6-Feb-26	1100	1200	3.07548	6.5	4.75	899168.1		
853	15	6-Feb-26	1200	1300	3.13549	6.57	5.1	908274.3		
854	15	6-Feb-26	1300	1400	2.86627	6.05	5.1	902287.2		
855	15	6-Feb-26	1400	1500	3.37642	7.1	5.76	906059.3		
856	15	6-Feb-26	1500	1535	1.91582	4.3	6.28	423057	End of Day	4.990
857	15	9-Feb-26	1033	1133	4.83483	9.54	5.16	930172.8	Tank 15 Damper Opened 1033	
858	15	9-Feb-26	1133	1233	6.60968	13.07	8.74	957681.3		
859	15	9-Feb-26	1233	1333	6.29934	12.66	9.11	943503.5		
860	15	9-Feb-26	1333	1433	5.92981	11.91	9.04	944577.7		
861	15	9-Feb-26	1433	1533	4.34284	8.93	7.27	857623.8	End of Day	7.864

FEB 10, 2026: No active ventilation activities. Maintenance. Notified DOH.

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
862	15	11-Feb-26	0815	0915	2.10672	3.89	0.86	833391.1	Tank 15 Damper Opened 0834	
863	15	11-Feb-26	0915	1015	4.90393	8.1	5.16	1150233.2		
864	15	11-Feb-26	1015	1115	4.01553	6.7	5.1	1140796.5		
865	15	11-Feb-26	1115	1215	5.40484	9.01	7.01	1142323.2		
866	15	11-Feb-26	1215	1315	5.07914	8.39	6.9	1153334.7		
867	15	11-Feb-26	1315	1415	3.71461	6.31	5.73	1027218.2	End of Day	5.127
868	15	12-Feb-26	0724	0824	1.62325	2.91	2.15	678981.7	Tank 15 Damper Opened 0757	
869	15	12-Feb-26	0824	0924	4.83252	8.4	5.98	1089769.9		
870	15	12-Feb-26	0924	1024	4.69031	8.15	6.7	1091709.6		
871	15	12-Feb-26	1024	1124	4.50057	7.8	6.72	1095358.4		
872	15	12-Feb-26	1124	1224	4.05578	7.03	6.22	1094514.6		
873	15	12-Feb-26	1224	1324	3.83571	6.63	5.85	1097375.1		
874	15	12-Feb-26	1324	1424	3.08209	5.48	5.62	1025642.6	End of Day	5.606
<p><i>FEB 13, 2026: No active ventilation activities. Contractor work in the system. Notified DOH.</i></p> <p><i>FEB 16, 2026: No active ventilation activities. Holiday.</i></p>										
875	15	17-Feb-26	0834	0934	2.17584	3.65	2.19	1065362.7	Tank 15 Damper Opened 0842	
876	15	17-Feb-26	0934	1034	2.57317	4.35	3.46	1121075.3		
877	15	17-Feb-26	1034	1134	2.51847	4.27	3.46	1119601.3		
878	15	17-Feb-26	1134	1234	2.48383	4.26	3.46	1106903.1		
879	15	17-Feb-26	1234	1334	2.4844	4.29	3.48	1101332.2		
880	15	17-Feb-26	1334	1434	2.81044	4.82	4.21	1107422.6		
881	15	17-Feb-26	1434	1534	2.81133	4.83	4.15	1107120.2		
882	15	17-Feb-26	1534	1541	0.07465	0.33	3.29	35830.1	End of Day	3.463
883	15	18-Feb-26	0737	0837	1.64243	2.79	2.34	1061543.8	Tank 15 Damper Opened 0740	
884	15	18-Feb-26	0837	0937	2.03629	3.48	2.82	1108022.3		
885	15	18-Feb-26	0937	1037	2.87753	4.88	4.04	1117806.2		
886	15	18-Feb-26	1037	1137	2.9025	4.94	4.19	1115865.3		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
887	15	18-Feb-26	1137	1237	2.93755	5.05	4.27	1105098.9		
888	15	18-Feb-26	1237	1337	2.89797	5.03	4.28	1094868.4		
889	15	18-Feb-26	1337	1437	2.70954	4.71	4.28	1093300.4		
890	15	18-Feb-26	1437	1537	1.75963	3.25	3.67	898758.1	End of Day	3.736
891	15	19-Feb-26	0720	0820	0.29022	0.54	1.07	987816.8	Tank 15 Damper Opened 0732	
892	15	19-Feb-26	0820	0920	1.3408	2.35	1.82	1073991.7		
893	15	19-Feb-26	0920	1020	1.81268	3.18	2.65	1080261.2		
894	15	19-Feb-26	1020	1120	1.11003	1.98	2.01	1061803.8		
895	15	19-Feb-26	1120	1220	0.95674	1.72	1.86	1057262		
896	15	19-Feb-26	1220	1320	1.18172	2.12	2.17	1056436.2		
897	15	19-Feb-26	1320	1420	2.01833	3.6	3.02	1062242.9		
898	15	19-Feb-26	1420	1520	2.42098	4.33	4.02	1060563.9		
899	15	19-Feb-26	1520	1543	0.2851	0.56	2.33	315952.4	End of Day	2.328
900	15	20-Feb-26	0740	0840	1.2644	2.2	1.57	980986.7	Tank 15 Damper Opened 0751	
901	15	20-Feb-26	0840	0940	2.02338	3.49	2.65	1097299.8		
902	15	20-Feb-26	0940	1040	2.43443	4.2	3.47	1098494.8		
903	15	20-Feb-26	1040	1140	2.80302	4.84	4.26	1098874.9		
904	15	20-Feb-26	1140	1240	3.01441	5.2	4.59	1097609.7		
905	15	20-Feb-26	1240	1340	3.28395	5.71	5.07	1089204.5		
906	15	20-Feb-26	1340	1440	2.91353	5.11	5.08	1080892.1		
907	15	20-Feb-26	1440	1522	1.26905	2.37	4.06	627090.3	End of Day	3.844
908	15	23-Feb-26	0754	0854	1.44002	2.54	1.56	963036.5	Tank 15 Damper Opened 0754	
909	15	23-Feb-26	0854	0954	2.40896	4.24	2.94	1074642.8		
910	15	23-Feb-26	0954	1054	1.35102	2.37	2.7	1076092.2		
911	15	23-Feb-26	1054	1154	0.20585	0.36	1.03	1078936.7		
912	15	23-Feb-26	1154	1254	0.13913	0.25	0.23	1069086.9		
913	15	23-Feb-26	1254	1354	0.36759	0.66	0.67	1061707.7		
914	15	23-Feb-26	1354	1454	0.1693	0.3	0.33	1067229.9		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
915	15	23-Feb-26	1454	1519	0.02259	0.1	0.24	175383.5	End of Day	1.213
916	15	24-Feb-26	0656	0756	0.11598	0.25	0.56	881020.4	Tank 15 Damper Opened 0717	
917	15	24-Feb-26	0756	0856	1.5223	2.64	1.35	1078205.7		
918	15	24-Feb-26	0856	0956	4.64506	8.04	5.56	1091442		
919	15	24-Feb-26	0956	1056	4.86925	8.43	6.8	1093251.2		
920	15	24-Feb-26	1056	1156	5.03995	9.49	7.82	1004426.7		
921	15	24-Feb-26	1156	1256	5.0753	9.9	8.68	965879.6		
922	15	24-Feb-26	1256	1356	5.24443	9.29	8.66	1069694.9		
923	15	24-Feb-26	1356	1456	3.49174	6.98	7.52	765341.5	End of Day	5.869
924	15	25-Feb-26	0712	0812	0.68396	1.21	1.21	922480.1	Tank 15 Damper Opened 0722	
925	15	25-Feb-26	0812	0912	2.92135	4.99	3.88	1105085.5		
926	15	25-Feb-26	0912	1012	3.01525	5.18	4.66	1100217.8		
927	15	25-Feb-26	1012	1112	3.25103	5.61	5.07	1096658.1		
928	15	25-Feb-26	1112	1212	3.38547	5.82	5.26	1101212.8		
929	15	25-Feb-26	1212	1312	3.37637	5.82	5.85	1098982.9		
930	15	25-Feb-26	1312	1412	3.34229	5.82	5.85	1088376.2		
931	15	25-Feb-26	1412	1451	1.43680	2.69	5.02	592455.1	End of Day	4.60
<p><i>FEB 26, 2026 - MAR 16, 2026: Tank ventilation activities for Tank 15 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tank 15 on FEB 25, 2026. Tank 15 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 12 ventilation.</i></p>										
932	12	17-Mar-26	1215	1315	8.21687	13.67	2.16	1109417.5	Tank 12 Damper Opened 1235	
933	12	17-Mar-26	1315	1415	24.29857	40.48	7.03	1119342.1		
934	12	17-Mar-26	1415	1515	22.23526	38.05	7.65	1054023.7	End of Day	5.613
935	12	18-Mar-26	0746	0846	25.74665	47.04	8.55	952676.5	Tank 12 Damper Opened 0753	
936	12	18-Mar-26	0846	0946	36.71734	67.2	14.47	1017365.9		
937	12	18-Mar-26	0946	1046	36.19053	66.06	14.39	1021793.3		
938	12	18-Mar-26	1046	1146	35.27218	64.54	14.85	1023146.1		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
939	12	18-Mar-26	1146	1246	36.28376	66.76	15.98	1021593.6		
940	12	18-Mar-26	1246	1346	35.4175	65.69	15.78	1015268.2		
941	12	18-Mar-26	1346	1446	37.32538	69.25	17.21	1013806.9		
942	12	18-Mar-26	1446	1546	17.21911	33.05	8.74	910654.9	End of Day	13.746
943	12	19-Mar-26	0723	0823	20.57655	36.56	6.74	985845.5	Tank 12 Damper Opened 0734	
944	12	19-Mar-26	0823	0923	38.78397	69.18	15.82	1047477.4		
945	12	19-Mar-26	0923	1023	42.84165	76.87	19.93	1043274.1		
946	12	19-Mar-26	1023	1123	41.24868	74.3	19.38	1042537.5		
947	12	19-Mar-26	1123	1223	43.05062	76.74	19.93	1052187.3		
948	12	19-Mar-26	1223	1323	42.72576	74.77	18.2	1067679.4		
949	12	19-Mar-26	1323	1423	41.12735	71.87	16.9	1067080.9		
950	12	19-Mar-26	1423	1523	32.88933	58.05	13.92	1056853.6	End of Day	16.353
951	12	20-Mar-26	0700	0800	23.72113	42.41	8.62	944830.8	Tank 12 Damper Opened 0709	
952	12	20-Mar-26	0800	0900	41.64444	61.71	12.22	1258870.8		
953	12	20-Mar-26	0900	1000	41.5557	63.62	12.41	1219978.8		
954	12	20-Mar-26	1000	1100	42.14514	63.46	12.21	1238066.1		
955	12	20-Mar-26	1100	1200	42.40618	63.1	11.86	1253108.4		
956	12	20-Mar-26	1200	1300	41.69112	61.75	11.39	1258226.8		
957	12	20-Mar-26	1300	1345	12.38923	19.16	5.15	855236.3	End of Day	10.55
958	12	23-Mar-26	0652	0752	22.12989	34.6	6.38	1093646.8	Tank 12 Damper Opened 0703	
959	12	23-Mar-26	0752	0852	31.21752	49.69	10.16	1171708.9		
960	12	23-Mar-26	0852	0952	32.32471	51.53	10.82	1173996		
961	12	23-Mar-26	0952	1052	31.92719	50.89	10.82	1175090.7		
962	12	23-Mar-26	1052	1152	31.41932	49.91	10.52	1179078.6		
963	12	23-Mar-26	1152	1252	30.53504	48.73	10.05	1170200.7		
964	12	23-Mar-26	1252	1352	29.53114	47.09	9.87	1173352.2		
965	12	23-Mar-26	1352	1452	28.1741	44.87	9.24	1172230.8		
966	12	23-Mar-26	1452	1533	12.03875	20.00	6.51	700746.4	End of Day	9.374

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
967	12	24-Mar-26	1230	1330	8.75362	13.47	2.52	1163451.9	Tank 12 Damper Opened 1235	
968	12	24-Mar-26	1330	1430	12.36855	18.54	3.1	1254623		
969	12	24-Mar-26	1430	1510	7.45602	11.49	3.24	768223.9	End of Day	2.95
970	12	25-Mar-26	0815	0915	0.39547	0.63	0.2	1143268.5	Tank 12 Damper Opened 0815	
971	12	25-Mar-26	0915	1015	5.0123	8.19	1.14	1148575.2		
972	12	25-Mar-26	1015	1115	10.89727	17.72	3.1	1148757.6		
973	12	25-Mar-26	1115	1215	13.33931	21.59	4.06	1157371.3		
974	12	25-Mar-26	1215	1315	14.90457	24.18	4.62	1156373.3		
975	12	25-Mar-26	1315	1415	15.01949	24.32	5.04	1159908.9		
976	12	25-Mar-26	1415	1515	14.36778	23.3	4.67	1159244.1		
977	12	25-Mar-26	1515	1523	0.57004	1.39	2.52	94930.5	End of Day	3.17
978	12	26-Mar-26	0846	0946	1.86019	2.98	0.21	1103783.9	Tank 12 Damper Opened 0853	
979	12	26-Mar-26	0946	1046	9.05226	14.49	2	1162806.3		
980	12	26-Mar-26	1046	1146	13.95505	22.1	3.54	1182472.4		
981	12	26-Mar-26	1146	1246	15.02601	23.85	4.3	1182059.8		
982	12	26-Mar-26	1246	1346	21.58877	32.62	6.15	1244933.3		
983	12	26-Mar-26	1346	1446	24.0345	35.86	7.2	1264122.9		
984	12	26-Mar-26	1446	1534	8.30168	13.05	3.42	845617.4	End of Day	3.831
985	12	27-Mar-26	0835	0935	18.19611	28.6	4.59	1098518.1	Tank 12 Damper Opened 0842	
986	12	27-Mar-26	0935	1035	32.51365	52.57	11.1	1149881.4		
987	12	27-Mar-26	1035	1135	32.94782	52.26	11.48	1178086.7		
988	12	27-Mar-26	1135	1235	29.88551	47.08	9.89	1188062.6		
989	12	27-Mar-26	1235	1335	26.03095	41.34	8.53	1180776.9		
990	12	27-Mar-26	1335	1435	26.59848	42.12	8.6	1185345		
991	12	27-Mar-26	1435	1535	17.81488	29.46	6.53	1039688.8	End of Day	8.67
992	12	30-Mar-26	0720	0820	13.42026	21.95	3.95	1056704.7	Tank 12 Damper Opened 0728	

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
993	12	30-Mar-26	0820	0920	21.25209	34.7	3.95	1137301.9		
994	12	30-Mar-26	0920	1020	22.24007	36.41	4.65	1137393.8		
995	12	30-Mar-26	1020	1120	22.80552	37.31	5.12	1141115.7		
996	12	30-Mar-26	1120	1220	23.18104	37.97	5.57	1142487.3		
997	12	30-Mar-26	1220	1320	24.44584	39.91	6.03	1148635.5		
998	12	30-Mar-26	1320	1420	24.62025	40.5	6.27	1141535.9		
999	12	30-Mar-26	1420	1520	23.92034	39.3	6.28	1143924.9		
1000	12	30-Mar-26	1520	1541	2.24426	4.27	0.84	343260.7	End of Day	4.740
1001	12	31-Mar-26	0725	0825	1.37105	2.23	0.2	1080788.2	Tank 12 Damper Opened 0731	
1002	12	31-Mar-26	0825	0925	21.33624	34.87	4.08	1139903.9		
1003	12	31-Mar-26	0925	1025	30.44322	49.73	7.94	1142916.3		
1004	12	31-Mar-26	1025	1125	31.54335	51.82	8.66	1137957.2		
1005	12	31-Mar-26	1125	1225	30.57216	50.44	8.39	1134532.2		
1006	12	31-Mar-26	1225	1325	34.03109	56.14	10.06	1136181.7		
1007	12	31-Mar-26	1325	1425	33.07912	54.28	9.55	1139151.8		
1008	12	31-Mar-26	1425	1525	21.58197	35.41	5.88	1143332.4		
1009	12	31-Mar-26	1525	1538	1.49316	2.46	0.46	249880.8	End of Day	6.14
1010	12	1-Apr-26	0830	0930	22.59432	35.86	4.47	1110637.9	Tank 12 Damper Opened 0838	
1011	12	1-Apr-26	0930	1030	33.98382	53.37	8.87	1190151.5		
1012	12	1-Apr-26	1030	1129	33.35643	53.23	10.5	1174646.5		
1013	12	1-Apr-26	1130	1229	24.88701	41.25	10.6	1140311.6		
1014	12	1-Apr-26	1230	1329	21.8384	36.11	8.99	1144581.3		
1015	12	1-Apr-26	1330	1429	19.81474	32.71	7.95	1147718.4		
1016	12	1-Apr-26	1430	1529	12.21251	21.78	5.34	937439.6	End of Day	8.103
1017	12	2-Apr-26	0740	0840	9.48486	16.98	1.7	980716.7	Tank 12 Damper Opened 0749	
1018	12	2-Apr-26	0840	0940	14.15442	25.34	3.9	1045966.1		
1019	12	2-Apr-26	0940	1040	15.21665	27.23	4.46	1047082.7		
1020	12	2-Apr-26	1040	1139	15.47677	27.55	4.86	1052075.2		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1021	12	2-Apr-26	1140	1239	15.09512	26.9	4.78	1051598.8		
1022	12	2-Apr-26	1240	1339	14.41058	26.03	4.45	1039309.6		
1023	12	2-Apr-26	1340	1439	14.25984	25.45	4.45	1051389.1		
1024	12	2-Apr-26	1440	1539	7.92091	15.03	2.28	900299.6	End of Day	3.860
1025	12	3-Apr-26	0645	0745	0.74473	1.54	0.2	865966.5	Tank 12 Damper Opened 0656	
1026	12	3-Apr-26	0745	0845	11.73251	19.97	2.09	1081541.8		
1027	12	3-Apr-26	0845	0945	15.26986	25.88	4.06	1106136.9		
1028	12	3-Apr-26	0945	1045	16.18337	27.43	4.99	1109716.6		
1029	12	3-Apr-26	1045	1145	15.65775	26.5	5.12	1114135.8		
1030	12	3-Apr-26	1145	1245	14.06624	23.88	4.77	1112593.5		
1031	12	3-Apr-26	1245	1345	12.83123	21.86	4.46	1109853.5		
1032	12	3-Apr-26	1345	1445	12.20544	20.86	3.83	1107801.5		
1033	12	3-Apr-26	1445	1524	4.44041	9.23	2.09	541770.2	End of Day	3.51
1034	12	6-Apr-26	0700	0800	0.11232	0.27	0.2	708859.5	Tank 12 Damper Opened 0717	
1035	12	6-Apr-26	0800	0900	6.51524	11.01	0.75	1025997.3		
1036	12	6-Apr-26	0900	1000	17.04108	28.68	3.73	1114953.5		
1037	12	6-Apr-26	1000	1100	17.81617	30.07	4.45	1115730.4		
1038	12	6-Apr-26	1100	1200	17.05819	28.76	4.45	1120174.9		
1039	12	6-Apr-26	1200	1300	16.38001	27.65	4.46	1122164.1		
1040	12	6-Apr-26	1300	1400	15.00465	25.5	4.12	1115117.3		
1041	12	6-Apr-26	1400	1500	13.34487	22.64	3.56	1116260		
1042	12	6-Apr-26	1500	1527	3.74415	7.47	2.2	399289.6	End of Day	3.102
1043	12	7-Apr-26	0705	0805	1.01945	1.81	0.2	884040.6	Tank 12 Damper Opened 0705	
1044	12	7-Apr-26	0805	0905	8.83639	15.13	0.79	1098812.2		
1045	12	7-Apr-26	0905	1005	10.336	17.73	1.75	1101141.4		
1046	12	7-Apr-26	1005	1104	10.74336	18.48	2.33	1101521.9		
1047	12	7-Apr-26	1105	1204	10.39313	17.79	2.34	1107241.9		
1048	12	7-Apr-26	1205	1304	9.69228	16.48	1.66	1109906.9		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1049	12	7-Apr-26	1305	1404	9.52419	15.86	1.62	1129997.8		
1050	12	7-Apr-26	1405	1504	9.24514	15.54	1.6	1113591.7		
1051	12	7-Apr-26	1505	1520	0.95948	2.3	0.24	196254.6	End of Day	1.39
1052	12	8-Apr-26	0908	1008	1.56494	2.66	0.78	1009350	Tank 12 Damper Opened 0913	
1053	12	8-Apr-26	1008	1108	4.43282	7.5	2.39	1116339.9		
1054	12	8-Apr-26	1108	1208	6.28804	10.63	3.03	1117555.2		
1055	12	8-Apr-26	1208	1308	7.11695	11.96	3.03	1124107.5		
1056	12	8-Apr-26	1308	1408	7.48935	12.46	3.02	1132196.4		
1057	12	8-Apr-26	1408	1508	7.36046	12.25	3.02	1130475.6		
1058	12	8-Apr-26	1508	1534	1.228	3.01	1.94	309184.3	End of Day	2.459
1059	12	9-Apr-26	0722	0822	2.48569	4.17	1.01	1045313.7	Tank 12 Damper Opened 0722	
1060	12	9-Apr-26	0822	0922	5.40518	8.95	2.16	1131919.2		
1061	12	9-Apr-26	0922	1022	7.04914	11.73	2.54	1128489.7		
1062	12	9-Apr-26	1022	1122	6.90151	11.57	3.02	1121925		
1063	12	9-Apr-26	1122	1222	6.56371	11.09	3.02	1114551.3		
1064	12	9-Apr-26	1222	1322	6.13399	10.37	3.02	1114985.9		
1065	12	9-Apr-26	1322	1422	5.98964	10.09	2.57	1118746.6		
1066	12	9-Apr-26	1422	1522	4.45699	8.49	2.16	928083.7	End of Day	2.438
1067	12	10-Apr-26	0815	0915	1.52457	2.57	0.2	1049536.3	Tank 12 Damper Opened 0821	
1068	12	10-Apr-26	0915	1015	2.70631	5.11	0.23	990084.9		
1069	12	10-Apr-26	1015	1114	3.10123	6.17	0.76	938848.3		
1070	12	10-Apr-26	1115	1214	3.4876	6.95	0.87	938347.9		
1071	12	10-Apr-26	1215	1314	3.65443	7.3	0.87	935191.5		
1072	12	10-Apr-26	1315	1414	3.64778	7.23	0.87	941340		
1073	12	10-Apr-26	1415	1514	3.39697	7.32	0.77	854948.3		
1074	12	10-Apr-26	1515	1532	0.19704	1.23	0.21	79998.3	End of Day	0.598
1075	12	13-Apr-26	0815	0915	1.22515	2.09	0.2	1029659.5	Tank 12 Damper Opened 0815	

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1076	12	13-Apr-26	0915	1015	3.55256	6.49	0.21	1040601.6		
1077	12	13-Apr-26	1015	1115	4.29674	9.91	0.21	811620		
1078	12	13-Apr-26	1115	1215	4.53087	9.34	0.21	907931.7		
1079	12	13-Apr-26	1215	1315	4.52977	9.33	0.21	910072		
1080	12	13-Apr-26	1315	1415	4.2457	8.73	0.22	913094.4	End of Day	0.210
<p><i>APR 13, 2026 - APR 26, 2026: Tank ventilation activities for Tank 12 complete. NCTF-RH has met the DOH requirement of below 4.82 lbs/hr undiluted total VOC concentrations and demonstrated readings below 15 ppmv from Tank 12 on APR 13, 2026. Tank 12 disconnected and manway removed. No active forced ventilation activities. Notified DOH. Preparatory work for Tank 11 ventilation.</i></p>										
1081	11	27-Apr-26	0839	0939	2.2686	4.86	1.67	855608.8	Tank 11 Damper Opened 0855	
1082	11	27-Apr-26	0939	1039	0.95495	2.04	0.78	865910.4		
1083	11	27-Apr-26	1039	1139	8.71397	19.06	6.18	865079.1		
1084	11	27-Apr-26	1139	1239	19.92968	39.79	14.65	952307.4		
1085	11	27-Apr-26	1239	1339	20.36177	39.65	15.11	971464.6		
1086	11	27-Apr-26	1339	1439	23.30185	45.64	15.73	964410.2		
1087	11	27-Apr-26	1439	1514	5.81463	12.17	8.47	455176.9	End of Day	8.94
1088	11	28-Apr-26	0839	0939	13.69558	27.06	5.97	901973.1	Tank 11 Damper Opened 0848	
1089	11	28-Apr-26	0939	1039	35.19524	69.07	16.97	959994.6		
1090	11	28-Apr-26	1039	1139	37.5947	61.32	18.95	1164034.5		
1091	11	28-Apr-26	1139	1239	40.87044	66.33	20.98	1171168.9		
1092	11	28-Apr-26	1239	1339	36.83968	61.97	13.72	1100637.8		
1093	11	28-Apr-26	1339	1439	30.79116	46.63	9.93	1231953.2		
1094	11	28-Apr-26	1439	1539	33.42495	51.24	11.1	1214414		
1095	11	28-Apr-26	1539	1546	0.50468	1.5	2.83	72398.5	End of Day	12.56
1096	11	29-Apr-26	0707	0807	10.77648	17.19	2.66	1006969.4	Tank 11 Damper Opened 0744	
1097	11	29-Apr-26	0807	0907	38.94914	60.43	11.09	1205344.4		
1098	11	29-Apr-26	0907	1007	41.23105	64.36	13.69	1201699.5		
1099	11	29-Apr-26	1007	1107	41.80761	64.13	13.73	1225595.5		
1100	11	29-Apr-26	1107	1207	40.57833	61.73	13.66	1239682.6		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1101	11	29-Apr-26	1207	1307	39.95631	61.03	13.72	1236957.2		
1102	11	29-Apr-26	1307	1407	41.7017	63.82	14.7	1237463.2		
1103	11	29-Apr-26	1407	1507	40.76378	62.17	13.92	1241662.1		
1104	11	29-Apr-26	1507	1544	7.32937	13.02	4.57	598781.3	End of Day	11.304
1105	11	30-Apr-26	0705	0805	25.52816	38.11	6.03	1099984	Tank Damper opned at 0718	
1106	11	30-Apr-26	0805	0905	45.42514	68.33	12.32	1237777.7		
1107	11	30-Apr-26	0905	1005	42.14313	67.36	12.88	1165269.4		
1108	11	30-Apr-26	1005	1104	41.86043	64.11	12.58	1223512.5		
1109	11	30-Apr-26	1105	1204	40.95277	61.08	12.34	1262893.4		
1110	11	30-Apr-26	1205	1304	42.65574	63.34	12.78	1269280.9		
1111	11	30-Apr-26	1305	1404	43.62405	64.67	12.94	1270997.5		
1112	11	30-Apr-26	1405	1504	43.0287	64.17	13.03	1268068		
1113	11	30-Apr-26	1505	1538	12.3606	19.21	7.23	634852	End of Day	11.35
1114	11	1-May-26	0721	0821	29.74423	43.74	5.24	1181715.8	Tank 11 Damper Opened 0728	
1115	11	1-May-26	0821	0921	43.39973	61.79	8.63	1313385.8		
1116	11	1-May-26	0921	1021	42.2264	63.03	9.77	1254362.8		
1117	11	1-May-26	1021	1121	39.81289	59.56	9.03	1256182.2		
1118	11	1-May-26	1121	1221	37.38772	55.33	8.44	1273524.1		
1119	11	1-May-26	1221	1321	34.93381	51.57	7.72	1279820.2		
1120	11	1-May-26	1321	1421	33.18916	48.88	6.76	1283607.9		
1121	11	1-May-26	1421	1521	27.13303	43.73	5.25	1146854.2		
1122	11	1-May-26	1521	1543	5.23738	8.84	2.39	372274.2	End of Day	7.026
1123	11	4-May-26	0747	0847	27.03944	42.44	5.06	1193089.6	Tank 11 Damper Opened 0747	
1124	11	4-May-26	0847	0947	31.05331	48.48	7.19	1203254.1		
1125	11	4-May-26	0947	1047	29.83856	46.01	7.01	1221794.7		
1126	11	4-May-26	1047	1147	27.27283	41.82	6.32	1231568.6		
1127	11	4-May-26	1147	1247	24.45749	37.4	5.08	1237105.9		
1128	11	4-May-26	1247	1347	22.10318	33.79	4.46	1240104.8		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1129	11	4-May-26	1347	1447	20.43739	31.09	4.01	1247731.2		
1130	11	4-May-26	1447	1505	3.45578	5.84	1.87	312587	End of Day	5.125
1131	11	5-May-26	0700	0800	11.1172	16.73	0.99	1089422.6	Tank 11 Damper Opened 0710	
1132	11	5-May-26	0800	0900	6.92582	11.86	0.69	1045355.9		
1133	11	5-May-26	0900	1000	7.14883	13.74	0.99	980083.3		
1134	11	5-May-26	1000	1100	9.11934	17.37	1.73	993817		
1135	11	5-May-26	1100	1200	12.79449	24.5	3.52	990385.6		
1136	11	5-May-26	1200	1300	15.78667	29.98	4.97	999431.7		
1137	11	5-May-26	1300	1400	17.78419	33.89	5.82	995877.3		
1138	11	5-May-26	1400	1500	16.63554	31.81	5.28	986099.5	End of Day	2.999
1139	11	6-May-26	0720	0820	0.13647	0.31	0.2	757358.3	Tank 11 Damper Opened 0737	
1140	11	6-May-26	0820	0920	0.11053	0.21	0.21	979778.1		
1141	11	6-May-26	0920	1020	0.112	0.21	0.22	990694.2		
1142	11	6-May-26	1020	1120	2.38227	4.57	0.44	993776.8		
1143	11	6-May-26	1120	1220	11.62309	22.19	2.98	990875.1		
1144	11	6-May-26	1220	1320	12.64877	24.01	3.63	993690.8		
1145	11	6-May-26	1320	1420	13.38544	25.79	4.15	977436.3		
1146	11	6-May-26	1420	1520	14.56399	28.1	4.64	976169.3		
1147	11	6-May-26	1520	1527	0.53938	1.51	1.95	70309.6	End of Day	2.05
1148	11	7-May-26	0707	0807	6.26791	12.29	1.68	928462.7	Tank 11 Damper Opened 0707	
1149	11	7-May-26	0807	0907	23.30144	41.66	7.92	1048158.8		
1150	11	7-May-26	0907	1007	35.11112	61.78	14.56	1073032.8		
1151	11	7-May-26	1007	1107	38.10774	73.15	17.74	981678.7		
1152	11	7-May-26	1107	1207	42.13626	81.76	19.84	974902.4		
1153	11	7-May-26	1207	1307	43.18311	82.19	20.53	995871.4		
1154	11	7-May-26	1307	1407	41.66738	79.07	19.83	1000858		
1155	11	7-May-26	1407	1507	23.89337	47.1	11.08	865205.2	End of Day	14.15

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1156	11	8-May-26	0706	0806	0.44755	0.87	0.2	917448.1	Tank 12 Damper Opened 0706	
1157	11	8-May-26	0806	0906	0.10819	0.21	0.21	957709.9		
1158	11	8-May-26	0906	1006	15.81901	31.58	5.99	906397.6		
1159	11	8-May-26	1006	1106	38.85796	77.27	16.78	946142.8		
1160	11	8-May-26	1106	1206	37.39879	64.19	15.99	1114229		
1161	11	8-May-26	1206	1306	37.09854	59.37	15.42	1190695.4		
1162	11	8-May-26	1306	1406	35.67885	57.1	14.93	1191923.8		
1163	11	8-May-26	1406	1506	34.37843	54.14	14.21	1211153.9		
1164	11	8-May-26	1506	1534	8.80816	15.74	8.26	453008.3	End of Day	10.221
1165	11	11-May-26	0710	0810	12.51076	20.66	3.19	944758.5	Tank 11 Damper Opened 0738	
1166	11	11-May-26	0810	0910	33.04709	53.96	10.99	1156019.5		
1167	11	11-May-26	0910	1010	34.84145	56.84	13.14	1158252.6		
1168	11	11-May-26	1010	1110	36.94063	60.31	15.43	1160372		
1169	11	11-May-26	1110	1210	37.50236	60.96	16.33	1168463		
1170	11	11-May-26	1210	1310	36.89762	59.78	16.21	1174926.2		
1171	11	11-May-26	1310	1410	35.86236	57.84	15.45	1182763.8		
1172	11	11-May-26	1410	1510	33.73097	54.29	14.2	1186401.9		
1173	11	11-May-26	1510	1550	9.8957	19.24	6.69	615321.7	End of Day	12.40
1174	11	12-May-26	0700	0800	15.06659	24.61	3.87	1034727.1	Tank 11 Damper Opened 0711	
1175	11	12-May-26	0800	0900	27.49179	43.46	8.86	1195244.8		
1176	11	12-May-26	0900	1000	29.55002	46.2	10.27	1213333.4		
1177	11	12-May-26	1000	1100	32.56261	50.65	12.11	1223079.9		
1178	11	12-May-26	1100	1200	33.38072	51.79	12.63	1228753.8		
1179	11	12-May-26	1200	1300	33.62381	52.35	12.86	1227023.7		
1180	11	12-May-26	1300	1400	31.33286	48.59	11.64	1232325.5		
1181	11	12-May-26	1400	1500	26.83651	42.4	9.99	1198173.9		
1182	11	12-May-26	1500	1517	2.31222	5.21	3.56	237432.5	End of Day	9.532

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1183	11	13-May-26	0752	0852	14.00362	22	3.55	1081185	Tank 11 Damper Opened 0810	
1184	11	13-May-26	0852	0952	26.85184	41.88	8.42	1214461.3		
1185	11	13-May-26	0952	1052	28.07063	43.64	9.65	1221909.2		
1186	11	13-May-26	1052	1152	29.67562	46.06	10.66	1227949.7		
1187	11	13-May-26	1152	1252	29.8349	46.03	10.52	1235828.9		
1188	11	13-May-26	1252	1352	26.96804	47.97	11.11	1061336.6		
1189	11	13-May-26	1352	1452	20.19268	42.36	8.3	895219.7		
1190	11	13-May-26	1452	1552	14.07548	29.06	5.62	904653.9		
1191	11	13-May-26	1552	1603	1.11429	2.75	2.33	146940.1	End of Day	7.80
1192	11	14-May-26	0705	0805	1.11089	2.38	0.2	737934.3	Tank 11 Damper Opened 0715	
1193	11	14-May-26	0805	0905	15.85265	26.05	3.8	1137771.4		
1194	11	14-May-26	0905	1005	19.19027	30.63	5.5	1185104.4		
1195	11	14-May-26	1005	1104	20.87372	32.89	6.24	1204288.4		
1196	11	14-May-26	1105	1204	23.30954	36.17	7.42	1229401.8		
1197	11	14-May-26	1205	1304	24.19296	37.37	7.99	1237381.6		
1198	11	14-May-26	1305	1404	24.25446	37.33	7.72	1241640.1		
1199	11	14-May-26	1405	1504	22.13411	34.91	7.19	1201221.3		
1200	11	14-May-26	1505	1518	1.27204	3.61	2.71	141817.2		5.419
1201	11	15-May-26	0720	0820	7.94815	12.94	1.44	977895.9	Tank 11 Damper Opened 0724	
1202	11	15-May-26	0820	0920	19.41742	30.97	4.83	1187498.5		
1203	11	15-May-26	0920	1020	21.19294	33.54	5.5	1195025.4		
1204	11	15-May-26	1020	1119	22.0457	35.21	6.29	1184622.2		
1205	11	15-May-26	1120	1219	21.8661	34.89	6.59	1190083.2		
1206	11	15-May-26	1220	1319	21.62047	34.41	6.49	1197948.5		
1207	11	15-May-26	1320	1419	21.89325	34.48	5.88	1201043.8		
1208	11	15-May-26	1420	1518	16.2735	28.62	4.91	984866.3	End of Day	5.241
1209	11	18-May-26	0710	0810	15.61599	25.05	2.71	1090378.5	Tank 11 Damper Opened 0717	

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1210	11	18-May-26	0810	0910	20.78254	32.86	4.56	1200249.8		
1211	11	18-May-26	0910	1010	19.51813	30.85	4.34	1203368.5		
1212	11	18-May-26	1010	1109	20.44284	32.23	4.46	1207105		
1213	11	18-May-26	1110	1209	20.70611	32.66	4.62	1210147.4		
1214	11	18-May-26	1210	1309	20.29802	31.99	4.51	1211829.7		
1215	11	18-May-26	1310	1409	19.80762	31.2	4.47	1214914.4		
1216	11	18-May-26	1410	1509	19.33165	30.37	4.47	1219017.2		
1217	11	18-May-26	1510	1542	7.6716	13.94	3.63	545782.5	End of Day	4.20
1218	11	19-May-26	0700	0800	9.35624	15.12	1.31	1028310.1	Tank 11 Damper Opened 0708	
1219	11	19-May-26	0800	0900	15.31898	24.39	2.88	1190550.7		
1220	11	19-May-26	0900	1000	16.57465	26.27	3.47	1199014		
1221	11	19-May-26	1000	1100	17.72657	28	3.75	1206769.6		
1222	11	19-May-26	1100	1200	18.3857	29.11	3.82	1206717.1		
1223	11	19-May-26	1200	1300	18.3626	29.09	4.43	1209002.7		
1224	11	19-May-26	1300	1400	18.12841	28.62	4.02	1214629.4		
1225	11	19-May-26	1400	1500	17.44004	27.81	3.75	1201246.3		
1226	11	19-May-26	1500	1555	6.97106	12.82	1.05	927852.7	End of Day	3.164
1227	11	20-May-26	0705	0805	6.88404	10.89	0.6	987241.1	Tank 11 Damper Opened 0715	
1228	11	20-May-26	0805	0905	11.97752	18.85	1.8	1205977.3		
1229	11	20-May-26	0905	1005	12.92566	20.32	2.33	1208206.5		
1230	11	20-May-26	1005	1105	13.67652	21.44	2.33	1214380.8		
1231	11	20-May-26	1105	1205	14.20824	22.23	2.74	1218663.5		
1232	11	20-May-26	1205	1305	14.56522	22.72	2.55	1216712.7		
1233	11	20-May-26	1305	1405	14.94066	23.4	3.03	1212890.7		
1234	11	20-May-26	1405	1505	15.16548	23.58	3.03	1219629.5		
1235	11	20-May-26	1505	1559	6.68797	12.35	0.95	906371.2	End of Day	2.15
1236	11	21-May-26	0650	0750	4.3554	6.95	0.67	710431.4	Tank 11 Damper Opened 0714	
1237	11	21-May-26	0750	0850	10.97452	17.35	1.56	1197005		

* Data excludes weekends, federal holidays and breaks in venting operations.



Tank Ventilation, Vent Stack Data

1-hour Time Weighted Average (TWA)*

ID#	Tank	Date	Start Time	End Time	VOC (lb/hr)	VOC (ppmV) pre-mix	VOC (ppmV) Vent Stack	Flow Rate (SCFH)	Notes	Daily Average Vent Stack
1238	11	21-May-26	0850	0950	11.99344	18.92	2.2	1204012		
1239	11	21-May-26	0950	1050	12.87435	20.24	2.33	1211211.2		
1240	11	21-May-26	1050	1150	13.21022	20.69	2.34	1216568.5		
1241	11	21-May-26	1150	1250	13.1883	20.71	2.49	1214118.2		
1242	11	21-May-26	1250	1350	13.46051	21.04	2.68	1218255.7		
1243	11	21-May-26	1350	1450	13.31025	20.84	2.6	1214222.6		
1244	11	21-May-26	1450	1550	8.00418	14.11	1.15	1054759.8	End of Day	2.002

* Data excludes weekends, federal holidays and breaks in venting operations.