Public Service of New Hampshire d/b/a Eversource Energy
Docket No. DE 20-005

Date Request Received: 05/28/2020 **Date of Response: 06/12/2020**
Request No. STAFF 1-010 **Page 1 of 2**
Request from: **New Hampshire Public Utilities Commission Staff**

Witness: **Catherine Finneran**

Request:
Please provide for each week of the project the total amount of mercury emitted from containment venting or through stacks to the ambient environment. Please explain how the amounts were calculated.

Response:
Daily emissions were calculated during the specified periods below utilizing the three compliance methods described. Documentation of daily emissions for these three compliance methods are provided in the following attachments. Attachment Staff 1-010 A contains the Adjusted In-Stack Emissions during the period 01-18-17 through 04-24-17. Attachment Staff 1-010 B contains Mercury Air Dispersion Emissions during the 04-25-17 through 06-16-17 time period. Attachment Staff 1-010 C, Attachment Staff 1-010 D, and Attachment Staff 1-010 E contain weekly reporting on mercury air emissions under the alternative method during the 2017, 2018, and 2019 time periods, respectively.

Adjusted In-Stack Period (01-18-17 thru 04-24-17)
Initially, the exhaust of each of the individual work containment area was monitored to remain under the exemption of Env-A 1403.03(a)(2) using the adjusted in-stack concentration method and calculation described in Env-A 1405.05 (utilized from January 18, 2017 through April 24, 2017). The requirements resulted in the temporary installation of up to 97 individual exhaust fans with their associated exhaust flows. Fans were combined as necessary to a series of temporary, vertical and unobstructed stacks. Work was confined to removal of smaller components and the remaining mercury released from the torch cutting was closely monitored and remained well below the exemption requirements. Where possible, areas suspected of still containing some remaining mercury were inspected and further drained of liquid mercury to the extent possible prior to operations that might cause the mercury to vaporize (e.g. torch cutting). TRC utilized Jerome Meters or other methods to determine the mercury concentration exiting the respective containment exhaust. This monitoring was performed approximately every three to four hours during active work and all data was recorded to demonstrate compliance with the Ambient Air Limit (AAL) using the adjusted in-stack concentration method described in Env-A 1405.05(c) and exemption from permitting of Env-A 1403.3(a)(2). In order to facilitate direct monitoring of exhaust concentrations for compliance, a project-specific in-stack compliance value of 0.105 mg/m^3 was derived from the mercury AALs as follows:

$$Adjusted\ In\cdot stack\ Concentration\ (\frac{\mu g}{m^3}) = \frac{In\cdot stack\ Concentration\ (\frac{\mu g}{m^3})}{700}$$

$$\therefore\ In\cdot stack\ Concentration\ \left(\frac{\mu g}{m^3}\right) = Adjusted\ In\cdot stack\ Concentration\ (\frac{\mu g}{m^3}) \times 700$$

Using the AAL for Mercury of 0.30 µg/m^3, and limiting the adjusted in-stack concentration to 50% of the AAL (or 0.15 µg/m^3), the above equation yields:

$$Project - Specific\ Compliance\ Value\left(\frac{\mu g}{m^3}\right) = Hg\ AAL\ x\ 50\%\ x\ 700 = 0.15\ \frac{\mu g}{m3} \times 700$$

$$\therefore\ 105\frac{\mu g}{m3} \times \frac{1\ mg}{1000\mu g} = 0.105\ \frac{mg}{m3}$$

Air Dispersion Model Modified Period – 50% of AAL (04-25-17 thru 06-14-17)

From April 25, 2017 to June 14, 2017, the containment area exhausts were combined to a single discharge through a temporary constructed common plenum and exhausting to atmosphere utilizing an existing abandoned 226' high stack (STSR5). Additionally, an in-situ mercury monitor and pitot tube (for exhaust flow measurement) were installed in the plenum. The method of compliance was modified to the use of the Air Dispersion Modeling Analysis method described in Env-A 1405.02 and exemption from permitting of Env-A 1403.3(a)(3). This exemption allows for a compliance demonstration that mercury air emissions remain less than 50 percent of the annual and 24-hour AAL for mercury using the air dispersion modeling analysis method described in Env-A 1405.02.

Alternative Method Period – >50% of AAL (06-15-17 thru 02-13-19)

In anticipation of increased work intensity and the potential for short term increases in mercury emissions, a request was made to the NHDES and the approval granted on October 10, 2017 of an Alternative Method for Determining Compliance to allow for short term increases in mercury emissions beyond 50% of the AAL. Prior to NHDES issuance of approval of the alternative method on October 10, 2017, compliance was based upon the same methodology as cited in the June 2017 request, except the maximum emission rate allowed was 50% of the AAL for mercury. Therefore, compliance with limits requested in that application were documented by monitoring air flows and mercury emissions on a continuous basis at the temporary common breaching to the existing stack for the duration of the remainder of the demolition project. The project experienced a shutdown from mid-June, 2017 to the project restart in late August, 2017. During the project shutdown period MBI worked with TRC and Eversource to assess work practices, equipment and project challenges to limit mercury emissions to the extent practical and reduce potential worker exposure. Following the shutdown, routine review of individual demolition activities that might contribute to higher mercury emissions were performed. Operations were assessed in more detail and adjustments made as needed to reduce mercury emissions and maintain compliance.

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-18-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.006	7.75	0.006	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,511			
0.00	0.008	7.75	0.008	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	671			
0.00	0.008	7.75	0.008	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,007			
0.00	0.005	7.75	0.005	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	420			
0.00	0.008	7.75	0.008	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,343			
0.00	0.007	7.75	0.007	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	734			
0.00	0.004	7.75	0.004	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	504			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	6,189	0.0066	300,807	0.1520
7.75	0.006	9.75	0.017	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	747			
7.75	0.008	9.75	0.015	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	249			
7.75	0.008	9.75	0.012	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	325			
7.75	0.005	9.75	0.012	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	184			
7.75	0.008	9.75	0.011	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	411			
7.75	0.007	9.75	0.009	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	217			
7.75	0.004	9.75	0.009	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	211			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	2,344	0.0096	298,463	0.1719
9.75	0.017	11.25	0.032	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,194			
9.75	0.015	11.25	0.027	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	341			
9.75	0.012	11.25	0.028	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	487			
9.75	0.012	11.25	0.032	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	357			
9.75	0.011	11.25	0.024	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	569			
9.75	0.009	11.25	0.022	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	315			
9.75	0.009	11.25	0.024	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	402			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	3,665	0.0201	294,798	0.1898
11.25	0.032	13.33	0.058	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,041			
11.25	0.027	13.33	0.033	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	676			
11.25	0.028	13.33	0.033	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,030			
11.25	0.032	13.33	0.046	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	878			
11.25	0.024	13.33	0.049	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,644			
11.25	0.022	13.33	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	774			
11.25	0.024	13.33	0.051	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,267			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	9,311	0.0367	285,487	0.2196
13.33	0.058	23.99	0.058	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	20,086			
13.33	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,809			
13.33	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	5,714			
13.33	0.046	23.99	0.046	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	5,310			
13.33	0.049	23.99	0.049	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	11,313			
13.33	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	4,762			
13.33	0.051	23.99	0.051	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	8,831			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	59,824	0.0461	225,663	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0278**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-19-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV. LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.058	8.08	0.076	Boiler #1& #2 - El. 89 to El. 59	59 NE	12	1,600	19,200	9.0240	17,587			
0.00	0.033	8.08	0.049	Boiler #1& #2 - El. 89 to El. 59	59 N	4	1,600	6,400	3.0080	3,587			
0.00	0.033	8.08	0.046	Boiler #1& #2 - El. 89 to El. 59	59 W	6	1,600	9,600	4.5120	5,184			
0.00	0.046	8.08	0.048	Boiler #1& #2 - El. 89 to El. 59	59 SW	4	1,600	6,400	3.0080	4,112			
0.00	0.049	8.08	0.067	Boiler #1& #2 - El. 89 to El. 59	82 N	8	1,600	12,800	6.0160	10,150			
0.00	0.033	8.08	0.059	Boiler #1& #2 - El. 89 to El. 59	82 SW	5	1,600	8,000	3.7600	5,031			
0.00	0.051	8.08	0.075	Boiler #1& #2 - El. 89 to El. 59	82 SE	6	1,600	9,600	4.5120	8,268			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
Time Period Totals								72,000	33.8400	53,920	0.0548	253,077	0.1305
8.08	0.076	10.50	0.064	Boiler #1& #2 - El. 89 to El. 59	59 NE	12	1,600	19,200	9.0240	5,503			
8.08	0.049	10.50	0.064	Boiler #1& #2 - El. 89 to El. 59	59 N	4	1,600	6,400	3.0080	1,481			
8.08	0.046	10.50	0.059	Boiler #1& #2 - El. 89 to El. 59	59 W	6	1,600	9,600	4.5120	2,064			
8.08	0.048	10.50	0.048	Boiler #1& #2 - El. 89 to El. 59	59 SW	4	1,600	6,400	3.0080	1,258			
8.08	0.067	10.50	0.05	Boiler #1& #2 - El. 89 to El. 59	82 N	8	1,600	12,800	6.0160	3,066			
8.08	0.059	10.50	0.049	Boiler #1& #2 - El. 89 to El. 59	82 SW	5	1,600	8,000	3.7600	1,769			
8.08	0.075	10.50	0.05	Boiler #1& #2 - El. 89 to El. 59	82 SE	6	1,600	9,600	4.5120	2,457			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
Time Period Totals								72,000	33.8400	17,597	0.0597	235,480	0.1432
10.50	0.064	13.08	0.033	Boiler #1& #2 - El. 89 to El. 59	59 NE	12	1,600	19,200	9.0240	4,065			
10.50	0.064	13.08	0.046	Boiler #1& #2 - El. 89 to El. 59	59 N	4	1,600	6,400	3.0080	1,537			
10.50	0.059	13.08	0.059	Boiler #1& #2 - El. 89 to El. 59	59 W	6	1,600	9,600	4.5120	2,473			
10.50	0.048	13.08	0.026	Boiler #1& #2 - El. 89 to El. 59	59 SW	4	1,600	6,400	3.0080	1,034			
10.50	0.05	13.08	0.021	Boiler #1& #2 - El. 89 to El. 59	82 N	8	1,600	12,800	6.0160	1,984			
10.50	0.049	13.08	0.021	Boiler #1& #2 - El. 89 to El. 59	82 SW	5	1,600	8,000	3.7600	1,222			
10.50	0.05	13.08	0.02	Boiler #1& #2 - El. 89 to El. 59	82 SE	6	1,600	9,600	4.5120	1,467			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
Time Period Totals								72,000	33.8400	13,781	0.0438	221,699	0.1667
13.08	0.033	15.08	0.032	Boiler #1& #2 - El. 89 to El. 59	59 NE	12	1,600	19,200	9.0240	2,112			
13.08	0.046	15.08	0.029	Boiler #1& #2 - El. 89 to El. 59	59 N	4	1,600	6,400	3.0080	812			
13.08	0.059	15.08	0.024	Boiler #1& #2 - El. 89 to El. 59	59 W	6	1,600	9,600	4.5120	1,348			
13.08	0.026	15.08	0.025	Boiler #1& #2 - El. 89 to El. 59	59 SW	4	1,600	6,400	3.0080	552			
13.08	0.021	15.08	0.027	Boiler #1& #2 - El. 89 to El. 59	82 N	8	1,600	12,800	6.0160	1,040			
13.08	0.021	15.08	0.027	Boiler #1& #2 - El. 89 to El. 59	82 SW	5	1,600	8,000	3.7600	650			
13.08	0.02	15.08	0.026	Boiler #1& #2 - El. 89 to El. 59	82 SE	6	1,600	9,600	4.5120	747			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
Time Period Totals								72,000	33.8400	7,261	0.0298	214,438	0.1973
15.08	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59	59 NE	12	1,600	19,200	9.0240	9,263			
15.08	0.029	23.99	0.029	Boiler #1& #2 - El. 89 to El. 59	59 N	4	1,600	6,400	3.0080	2,798			
15.08	0.024	23.99	0.024	Boiler #1& #2 - El. 89 to El. 59	59 W	6	1,600	9,600	4.5120	3,473			
15.08	0.025	23.99	0.025	Boiler #1& #2 - El. 89 to El. 59	59 SW	4	1,600	6,400	3.0080	2,412			
15.08	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59	82 N	8	1,600	12,800	6.0160	5,210			
15.08	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59	82 SW	5	1,600	8,000	3.7600	3,256			
15.08	0.026	23.99	0.026	Boiler #1& #2 - El. 89 to El. 59	82 SE	6	1,600	9,600	4.5120	3,763			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
								0	0.0000	0			
Time Period Totals								72,000	33.8400	30,176	0.0278	184,263	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0420**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-20-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.018	7.92	0.018	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	4,631			
0.00	0.017	7.92	0.017	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,458			
0.00	0.017	7.92	0.017	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,187			
0.00	0.019	7.92	0.019	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,630			
0.00	0.037	7.92	0.037	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	6,347			
0.00	0.016	7.92	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,715			
0.00	0.057	7.92	0.057	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	7,333			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	25,300	0.0262	281,696	0.1438
7.92	0.018	10.25	0.052	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,649			
7.92	0.017	10.25	0.044	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	770			
7.92	0.017	10.25	0.04	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,079			
7.92	0.019	10.25	0.048	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	845			
7.92	0.037	10.25	0.046	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,094			
7.92	0.016	10.25	0.047	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	993			
7.92	0.057	10.25	0.045	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,930			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	10,361	0.0365	271,336	0.1620
10.25	0.052	13.08	0.072	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	5,700			
10.25	0.044	13.08	0.064	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,655			
10.25	0.04	13.08	0.056	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,206			
10.25	0.048	13.08	0.067	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,762			
10.25	0.046	13.08	0.059	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,218			
10.25	0.047	13.08	0.058	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,011			
10.25	0.045	13.08	0.06	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,413			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	18,966	0.0550	252,370	0.1897
13.08	0.072	14.75	0.014	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,333			
13.08	0.064	14.75	0.02	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	760			
13.08	0.056	14.75	0.018	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,004			
13.08	0.067	14.75	0.013	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	723			
13.08	0.059	14.75	0.011	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,266			
13.08	0.058	14.75	0.018	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	859			
13.08	0.06	14.75	0.004	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	868			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	7,812	0.0384	244,557	0.2170
14.75	0.014	23.99	0.014	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	4,202			
14.75	0.02	23.99	0.02	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,001			
14.75	0.018	23.99	0.018	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,702			
14.75	0.013	23.99	0.013	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,301			
14.75	0.011	23.99	0.011	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,201			
14.75	0.018	23.99	0.018	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,251			
14.75	0.004	23.99	0.004	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	600			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									72,000	33.8400	15,259	0.0136	229,299	
24 HR. ACTUAL COMPLIANCE TOTAL												**0.0266**		
24 HR. COMPLIANCE STANDARD												**0.105**		
												IN COMPLIANCE		

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-23-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.008	8.50	0.008	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,209			
0.00	0.009	8.50	0.009	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	828			
0.00	0.005	8.50	0.005	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	690			
0.00	0.007	8.50	0.007	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	644			
0.00	0.006	8.50	0.006	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,105			
0.00	0.006	8.50	0.006	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	690			
0.00	0.006	8.50	0.006	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	828			
0.00	0.011	8.50	0.011	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	2,531			
0.00	0.011	8.50	0.011	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	1,519			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	11,045	0.0079	405,105	0.1583
8.00	0.008	10.50	0.032	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,624			
8.00	0.009	10.50	0.037	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	623			
8.00	0.005	10.50	0.034	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	792			
8.00	0.007	10.50	0.026	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	447			
8.00	0.006	10.50	0.025	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	839			
8.00	0.006	10.50	0.027	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	558			
8.00	0.006	10.50	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	589			
8.50	0.011	10.50	0.018	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	785			
8.50	0.011	10.50	0.018	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	471			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	6,728	0.0163	398,377	0.1787
10.50	0.032	13.75	0.07	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	5,385			
10.50	0.037	13.75	0.067	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,830			
10.50	0.034	13.75	0.068	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,692			
10.50	0.026	13.75	0.085	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,953			
10.50	0.025	13.75	0.06	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,991			
10.50	0.027	13.75	0.067	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,068			
10.50	0.023	13.75	0.054	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,032			
10.50	0.018	13.75	0.018	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	1,584			
10.50	0.018	13.75	0.018	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	950			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	21,486	0.0400	376,892	0.2227
13.75	0.07	15.25	0.039	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,656			
13.75	0.067	15.25	0.038	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	853			
13.75	0.068	15.25	0.036	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,267			
13.75	0.085	15.25	0.041	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,023			
13.75	0.06	15.25	0.035	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,543			
13.75	0.067	15.25	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,015			
13.75	0.054	15.25	0.037	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,109			
13.75	0.018	15.25	0.074	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	1,868			
13.75	0.018	15.25	0.074	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	1,121			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	12,454	0.0503	364,437	0.2522
15.25	0.039	23.99	0.039	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	11,073			
15.25	0.038	23.99	0.038	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,596			
15.25	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	5,111			
15.25	0.041	23.99	0.041	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	3,880			
15.25	0.035	23.99	0.035	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	6,625			
15.25	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	3,904			
15.25	0.037	23.99	0.037	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	5,253			
15.25	0.074	23.99	0.074	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	17,509			
15.25	0.074	23.99	0.074	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	10,505			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	67,457	0.0467	296,980	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0301**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-24-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.005	8.33	0.005	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,353			
0.00	0.006	8.33	0.006	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	541			
0.00	0.005	8.33	0.005	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	677			
0.00	0.006	8.33	0.006	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	541			
0.00	0.009	8.33	0.009	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,624			
0.00	0.007	8.33	0.007	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	789			
0.00	0.01	8.33	0.01	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,353			
0.00	0.068	8.33	0.068	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	15,335			
0.00	0.02	8.33	0.02	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	2,706			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	24,919	0.0181	391,232	0.1512
8.33	0.005	10.83	0.071	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,086			
8.33	0.006	10.83	0.059	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	880			
8.33	0.005	10.83	0.051	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,137			
8.33	0.006	10.83	0.052	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	785			
8.33	0.009	10.83	0.041	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,354			
8.33	0.007	10.83	0.037	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	744			
8.33	0.01	10.83	0.044	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,096			
8.33	0.068	10.83	0.14	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	7,039			
8.33	0.02	10.83	0.02	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	812			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	16,934	0.0410	374,298	0.1721
10.83	0.071	14.33	0.042	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	6,424			
10.83	0.059	14.33	0.036	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,800			
10.83	0.051	14.33	0.03	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,302			
10.83	0.052	14.33	0.034	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,630			
10.83	0.041	14.33	0.034	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,843			
10.83	0.037	14.33	0.03	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,587			
10.83	0.044	14.33	0.038	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,331			
10.83	0.14	14.33	0.078	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	10,328			
10.83	0.02	14.33	0.015	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	995			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	30,240	0.0523	344,058	0.2155
14.33	0.042	15.50	0.013	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,045			
14.33	0.036	15.50	0.015	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	323			
14.33	0.03	15.50	0.014	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	418			
14.33	0.034	15.50	0.012	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	291			
14.33	0.034	15.50	0.012	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	583			
14.33	0.03	15.50	0.01	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	317			
14.33	0.038	15.50	0.013	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	485			
14.33	0.078	15.50	0.084	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	2,566			
14.33	0.015	15.50	0.084	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	941			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	6,968	0.0361	337,090	0.2401
15.50	0.013	23.99	0.039	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	7,171			
15.50	0.015	23.99	0.038	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,436			
15.50	0.014	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,448			
15.50	0.012	23.99	0.041	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,436			
15.50	0.012	23.99	0.035	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	4,321			
15.50	0.01	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,471			
15.50	0.013	23.99	0.037	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	3,448			
15.50	0.084	23.99	0.074	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	18,157			
15.50	0.084	23.99	0.074	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	10,894			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	54,783	0.0391	282,307	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0338

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-25-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.023	8.25	0.023	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	6,164			
0.00	0.023	8.25	0.023	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,055			
0.00	0.021	8.25	0.021	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,814			
0.00	0.022	8.25	0.022	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,965			
0.00	0.019	8.25	0.019	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,395			
0.00	0.015	8.25	0.015	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,675			
0.00	0.023	8.25	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	3,082			
0.00	0.065	8.25	0.065	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	14,517			
0.00	0.062	8.25	0.062	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	8,308			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	43,976	0.0323	372,174	0.1431
8.25	0.023	10.83	0.043	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,766			
8.25	0.023	10.83	0.045	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	950			
8.25	0.021	10.83	0.038	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,236			
8.25	0.022	10.83	0.049	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	992			
8.25	0.019	10.83	0.056	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,095			
8.25	0.015	10.83	0.048	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,100			
8.25	0.023	10.83	0.064	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,823			
8.25	0.065	10.83	0.112	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	6,181			
8.25	0.062	10.83	0.039	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	2,116			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	19,260	0.0452	352,914	0.1623
10.83	0.043	13.50	0.14	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	7,937			
10.83	0.045	13.50	0.126	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,472			
10.83	0.038	13.50	0.092	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,819			
10.83	0.049	13.50	0.094	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,067			
10.83	0.056	13.50	0.092	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	4,279			
10.83	0.048	13.50	0.082	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,349			
10.83	0.064	13.50	0.101	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	3,578			
10.83	0.112	13.50	0.051	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	5,891			
10.83	0.039	13.50	0.052	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	1,973			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	33,365	0.0757	319,549	0.1843
13.50	0.14	15.25	0.06	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	5,685			
13.50	0.126	15.25	0.05	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,668			
13.50	0.092	15.25	0.041	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,890			
13.50	0.094	15.25	0.043	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,298			
13.50	0.092	15.25	0.041	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,520			
13.50	0.082	15.25	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,362			
13.50	0.101	15.25	0.049	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,132			
13.50	0.051	15.25	0.073	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	2,937			
13.50	0.052	15.25	0.063	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	1,634			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	21,127	0.0731	298,422	0.2065
15.25	0.06	23.99	0.06	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	17,036			
15.25	0.05	23.99	0.05	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	4,732			
15.25	0.041	23.99	0.041	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	5,821			
15.25	0.043	23.99	0.043	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	4,070			
15.25	0.041	23.99	0.041	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	7,761			
15.25	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	3,904			
15.25	0.049	23.99	0.049	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	6,956			
15.25	0.073	23.99	0.073	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	17,272			
15.25	0.063	23.99	0.063	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	8,944			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	76,496	0.0530	221,926	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0490**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-26-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.015	8.00	0.015	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,898			
0.00	0.015	8.00	0.015	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,299			
0.00	0.012	8.00	0.012	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,559			
0.00	0.015	8.00	0.015	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,299			
0.00	0.016	8.00	0.016	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,772			
0.00	0.016	8.00	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,733			
0.00	0.016	8.00	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,079			
0.00	0.055	8.00	0.055	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	11,912			
0.00	0.094	8.00	0.094	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	12,215			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	38,767	0.0293	377,384	0.1428
8.00	0.015	10.50	0.039	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,193			
8.00	0.015	10.50	0.048	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	853			
8.00	0.012	10.50	0.047	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,198			
8.00	0.015	10.50	0.041	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	758			
8.00	0.016	10.50	0.041	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,543			
8.00	0.016	10.50	0.041	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	964			
8.00	0.016	10.50	0.04	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,137			
8.00	0.055	10.50	0.074	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	4,365			
8.00	0.094	10.50	0.105	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	4,040			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	17,052	0.0413	360,332	0.1616
10.50	0.039	13.75	0.044	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	4,382			
10.50	0.048	13.75	0.045	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,637			
10.50	0.047	13.75	0.043	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,376			
10.50	0.041	13.75	0.043	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,478			
10.50	0.041	13.75	0.045	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,027			
10.50	0.041	13.75	0.045	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,892			
10.50	0.04	13.75	0.044	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,217			
10.50	0.074	13.75	0.12	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	8,534			
10.50	0.105	13.75	0.21	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	8,314			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	33,856	0.0631	326,475	0.1929
13.75	0.044	15.25	0.027	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,730			
13.75	0.045	15.25	0.025	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	569			
13.75	0.043	15.25	0.024	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	816			
13.75	0.043	15.25	0.027	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	569			
13.75	0.045	15.25	0.023	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,105			
13.75	0.045	15.25	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	690			
13.75	0.044	15.25	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	816			
13.75	0.12	15.25	0.085	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	4,162			
13.75	0.21	15.25	0.103	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	3,813			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	14,270	0.0576	312,206	0.2161
15.25	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	7,666			
15.25	0.025	23.99	0.025	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,366			
15.25	0.024	23.99	0.024	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,407			
15.25	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,555			
15.25	0.023	23.99	0.023	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	4,354			
15.25	0.023	23.99	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,721			
15.25	0.023	23.99	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	3,265			
15.25	0.085	23.99	0.085	Turbine #1 - El. 38 to El. 24	38	N	10	1,600	16,000	7.5200	20,112			
15.25	0.103	23.99	0.103	Turbine #1 - El. 38 to El. 24	24	N	6	1,600	9,600	4.5120	14,622			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	61,069	0.0423	251,137	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0416**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-27-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.053	8.25	0.053	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	14,205			
0.00	0.063	8.25	0.063	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	5,628			
0.00	0.052	8.25	0.052	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	6,968			
0.00	0.053	8.25	0.053	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	4,735			
0.00	0.056	8.25	0.056	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	10,006			
0.00	0.052	8.25	0.052	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	5,807			
0.00	0.06	8.25	0.06	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	8,040			
0.00	0.045	8.25	0.045	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	10,050			
0.00	0.153	8.25	0.153	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	20,503			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	85,943	0.0631	330,208	0.1270
8.25	0.053	10.75	0.044	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,939			
8.25	0.063	10.75	0.047	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,489			
8.25	0.052	10.75	0.035	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,766			
8.25	0.053	10.75	0.031	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,137			
8.25	0.056	10.75	0.029	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,301			
8.25	0.052	10.75	0.027	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,337			
8.25	0.06	10.75	0.031	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,848			
8.25	0.045	10.75	0.064	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,689			
8.25	0.153	10.75	0.305	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	9,299			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	26,805	0.0649	303,403	0.1387
10.75	0.044	14.00	0.041	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	4,487			
10.75	0.047	14.00	0.039	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,513			
10.75	0.035	14.00	0.027	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,637			
10.75	0.031	14.00	0.028	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,038			
10.75	0.029	14.00	0.04	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,428			
10.75	0.027	14.00	0.048	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,650			
10.75	0.031	14.00	0.031	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,637			
10.75	0.064	14.00	0.071	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	5,939			
10.75	0.305	14.00	0.148	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	11,957			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	32,286	0.0602	271,118	0.1642
14.00	0.041	15.00	0.035	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,234			
14.00	0.039	15.00	0.031	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	379			
14.00	0.027	15.00	0.024	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	414			
14.00	0.028	15.00	0.02	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	260			
14.00	0.04	15.00	0.029	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	747			
14.00	0.048	15.00	0.038	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	582			
14.00	0.031	15.00	0.021	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	422			
14.00	0.071	15.00	0.051	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	1,651			
14.00	0.148	15.00	0.08	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	1,852			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	7,542	0.0457	263,575	0.1773
15.00	0.035	23.99	0.035	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	10,222			
15.00	0.031	23.99	0.031	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,018			
15.00	0.024	23.99	0.024	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,505			
15.00	0.02	23.99	0.02	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,947			
15.00	0.029	23.99	0.029	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	5,646			
15.00	0.038	23.99	0.038	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	4,624			
15.00	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	3,067			
15.00	0.051	23.99	0.051	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	12,412			
15.00	0.08	23.99	0.08	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	11,682			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	56,123	0.0378	207,453	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0527**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-30-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.006	8.25	0.006	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,608			
0.00	0.01	8.25	0.01	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	893			
0.00	0.008	8.25	0.008	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,072			
0.00	0.013	8.25	0.013	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,161			
0.00	0.021	8.25	0.021	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,752			
0.00	0.017	8.25	0.017	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,898			
0.00	0.013	8.25	0.013	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,742			
0.00	0.03	8.25	0.03	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	6,700			
0.00	0.22	8.25	0.22	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	29,481			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	48,309	0.0355	367,841	0.1414
8.25	0.006	10.75	0.032	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,543			
8.25	0.01	10.75	0.037	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	636			
8.25	0.008	10.75	0.031	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	792			
8.25	0.013	10.75	0.034	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	636			
8.25	0.021	10.75	0.029	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,354			
8.25	0.017	10.75	0.034	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	863			
8.25	0.013	10.75	0.038	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,036			
8.25	0.03	10.75	0.075	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,553			
8.25	0.22	10.75	0.267	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	9,888			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	20,301	0.0492	347,541	0.1588
10.75	0.032	13.25	0.025	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,315			
10.75	0.037	13.25	0.023	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	812			
10.75	0.031	13.25	0.027	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,178			
10.75	0.034	13.25	0.031	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	880			
10.75	0.029	13.25	0.03	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,597			
10.75	0.034	13.25	0.024	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	981			
10.75	0.038	13.25	0.017	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,117			
10.75	0.075	13.25	0.084	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	5,381			
10.75	0.267	13.25	0.024	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	5,908			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	20,169	0.0489	327,372	0.1844
13.25	0.025	15.00	0.021	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,308			
13.25	0.023	15.00	0.02	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	407			
13.25	0.027	15.00	0.017	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	625			
13.25	0.031	15.00	0.025	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	531			
13.25	0.03	15.00	0.04	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,327			
13.25	0.024	15.00	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	474			
13.25	0.017	15.00	0.028	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	640			
13.25	0.084	15.00	0.084	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,980			
13.25	0.024	15.00	0.24	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	3,752			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	13,043	0.0451	314,330	0.2115
15.00	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	6,133			
15.00	0.02	23.99	0.02	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,947			
15.00	0.017	23.99	0.017	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,482			
15.00	0.025	23.99	0.025	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,434			
15.00	0.04	23.99	0.04	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	7,788			
15.00	0.016	23.99	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,947			
15.00	0.028	23.99	0.028	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	4,089			
15.00	0.084	23.99	0.084	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	20,444			
15.00	0.24	23.99	0.24	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	35,046			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	82,310	0.0554	232,019	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0465

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 01-31-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0	7.50	0	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	0			
0.00	0.003	7.50	0.003	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	244			
0.00	0	7.50	0	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	0			
0.00	0.005	7.50	0.005	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	406			
0.00	0.003	7.50	0.003	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	487			
0.00	0.003	7.50	0.003	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	305			
0.00	0.003	7.50	0.003	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	365			
0.00	0.024	7.50	0.024	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	4,873			
0.00	0.073	7.50	0.073	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	8,893			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	15,573	0.0126	400,578	0.1470
7.50	0	10.25	0.029	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,295			
7.50	0.003	10.25	0.032	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	521			
7.50	0	10.25	0.026	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	581			
7.50	0.005	10.25	0.021	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	387			
7.50	0.003	10.25	0.027	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	893			
7.50	0.003	10.25	0.024	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	503			
7.50	0.003	10.25	0.021	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	536			
7.50	0.024	10.25	0.072	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,574			
7.50	0.073	10.25	0.164	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	5,293			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	13,583	0.0299	386,995	0.1704
10.25	0.029	13.25	0.024	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,583			
10.25	0.032	13.25	0.031	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,023			
10.25	0.026	13.25	0.021	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,145			
10.25	0.021	13.25	0.02	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	666			
10.25	0.027	13.25	0.028	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,787			
10.25	0.024	13.25	0.028	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,056			
10.25	0.021	13.25	0.028	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,194			
10.25	0.072	13.25	0.042	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	4,629			
10.25	0.164	13.25	0.158	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	7,845			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	21,928	0.0443	365,066	0.2056
13.25	0.024	15.00	0.023	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,336			
13.25	0.031	15.00	0.023	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	512			
13.25	0.021	15.00	0.021	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	597			
13.25	0.02	15.00	0.021	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	388			
13.25	0.028	15.00	0.018	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	872			
13.25	0.028	15.00	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	521			
13.25	0.028	15.00	0.014	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	597			
13.25	0.042	15.00	0.063	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	2,487			
13.25	0.158	15.00	0.124	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	4,008			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	11,318	0.0392	353,748	0.2380
15.00	0.023	23.99	0.023	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	6,717			
15.00	0.023	23.99	0.023	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,239			
15.00	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,067			
15.00	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,044			
15.00	0.018	23.99	0.018	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,505			
15.00	0.016	23.99	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,947			
15.00	0.014	23.99	0.014	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,044			
15.00	0.063	23.99	0.063	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	15,333			
15.00	0.124	23.99	0.124	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	18,107			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	55,003	0.0370	298,745	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0296**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-01-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.01	7.75	0.01	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,518			
0.00	0.007	7.75	0.007	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	587			
0.00	0.01	7.75	0.01	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,259			
0.00	0.012	7.75	0.012	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,007			
0.00	0.005	7.75	0.005	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	839			
0.00	0.003	7.75	0.003	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	315			
0.00	0.003	7.75	0.003	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	378			
0.00	0.073	7.75	0.073	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	15,316			
0.00	0.046	7.75	0.046	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	5,791			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	28,009	0.0219	388,141	0.1446
7.75	0.01	10.25	0.044	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,193			
7.75	0.007	10.25	0.034	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	555			
7.75	0.01	10.25	0.032	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	853			
7.75	0.012	10.25	0.031	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	582			
7.75	0.005	10.25	0.034	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,056			
7.75	0.003	10.25	0.032	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	592			
7.75	0.003	10.25	0.03	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	670			
7.75	0.073	10.25	0.097	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	5,753			
7.75	0.046	10.25	0.257	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	6,152			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	18,406	0.0446	369,736	0.1628
10.25	0.044	13.50	0.024	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,590			
10.25	0.034	13.50	0.023	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,003			
10.25	0.032	13.50	0.026	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,531			
10.25	0.031	13.50	0.024	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	968			
10.25	0.034	13.50	0.026	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,112			
10.25	0.032	13.50	0.026	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,276			
10.25	0.03	13.50	0.026	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,478			
10.25	0.097	13.50	0.083	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	7,919			
10.25	0.257	13.50	0.255	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	13,514			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	33,390	0.0622	336,346	0.1940
13.50	0.024	15.00	0.039	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,535			
13.50	0.023	15.00	0.036	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	479			
13.50	0.026	15.00	0.026	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	633			
13.50	0.024	15.00	0.036	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	487			
13.50	0.026	15.00	0.037	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,023			
13.50	0.026	15.00	0.034	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	609			
13.50	0.026	15.00	0.038	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	780			
13.50	0.083	15.00	0.124	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	4,203			
13.50	0.255	15.00	0.196	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	5,494			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	15,244	0.0615	321,102	0.2160
15.00	0.039	23.99	0.039	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	11,390			
15.00	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,505			
15.00	0.026	23.99	0.026	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,797			
15.00	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	3,505			
15.00	0.037	23.99	0.037	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	7,204			
15.00	0.034	23.99	0.034	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	4,137			
15.00	0.038	23.99	0.038	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	5,549			
15.00	0.124	23.99	0.124	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	30,179			
15.00	0.196	23.99	0.196	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	28,621			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	97,886	0.0659	223,215	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0487**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-02-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.004	7.75	0.004	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,007			
0.00	0.003	7.75	0.003	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	252			
0.00	0.005	7.75	0.005	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	629			
0.00	0.004	7.75	0.004	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	336			
0.00	0.005	7.75	0.005	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	839			
0.00	0.005	7.75	0.005	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	525			
0.00	0.005	7.75	0.005	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	629			
0.00	0.209	7.75	0.209	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	43,850			
0.00	0.299	7.75	0.299	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	37,640			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	85,707	0.0670	330,444	0.1231
7.75	0.004	11.00	0.034	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,006			
7.75	0.003	11.00	0.023	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	458			
7.75	0.005	11.00	0.035	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,056			
7.75	0.004	11.00	0.022	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	458			
7.75	0.005	11.00	0.027	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,126			
7.75	0.005	11.00	0.025	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	660			
7.75	0.005	11.00	0.022	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	713			
7.75	0.209	11.00	0.547	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	33,258			
7.75	0.299	11.00	0.38	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	17,922			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	57,656	0.1074	272,788	0.1271
11.00	0.034	13.50	0.178	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	8,609			
11.00	0.023	13.50	0.133	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,112			
11.00	0.035	13.50	0.148	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,716			
11.00	0.022	13.50	0.122	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,949			
11.00	0.027	13.50	0.13	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	4,250			
11.00	0.025	13.50	0.13	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,623			
11.00	0.022	13.50	0.13	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	3,086			
11.00	0.547	13.50	0.144	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	23,383			
11.00	0.38	13.50	0.368	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	15,187			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	64,915	0.1572	207,873	0.1199
13.50	0.178	15.00	0.027	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	4,995			
13.50	0.133	15.00	0.033	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,348			
13.50	0.148	15.00	0.024	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,095			
13.50	0.122	15.00	0.027	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,210			
13.50	0.13	15.00	0.044	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,826			
13.50	0.13	15.00	0.03	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,624			
13.50	0.13	15.00	0.017	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,791			
13.50	0.144	15.00	0.124	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	5,441			
13.50	0.368	15.00	0.196	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	6,871			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	28,202	0.1139	179,671	0.1209
15.00	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	7,885			
15.00	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,213			
15.00	0.024	23.99	0.024	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,505			
15.00	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,628			
15.00	0.044	23.99	0.044	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	8,567			
15.00	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	3,651			
15.00	0.017	23.99	0.017	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,482			
15.00	0.124	23.99	0.124	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	30,179			
15.00	0.196	23.99	0.196	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	28,621			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	90,731	0.0611	88,940	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0826**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-03-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.007	7.50	0.007	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,706			
0.00	0.006	7.50	0.006	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	487			
0.00	0.006	7.50	0.006	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	731			
0.00	0.01	7.50	0.01	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	812			
0.00	0.011	7.50	0.011	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	1,787			
0.00	0.008	7.50	0.008	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	812			
0.00	0.005	7.50	0.005	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	609			
0.00	0.037	7.50	0.037	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	7,512			
0.00	0.053	7.50	0.053	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	6,457			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	20,913	0.0169	395,238	0.1451
7.50	0.007	10.50	0.478	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	23,634			
7.50	0.006	10.50	0.632	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	10,363			
7.50	0.006	10.50	0.803	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	19,711			
7.50	0.01	10.50	0.625	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	10,314			
7.50	0.011	10.50	0.58	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	19,199			
7.50	0.008	10.50	0.477	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	9,847			
7.50	0.005	10.50	0.374	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	9,234			
7.50	0.037	10.50	0.104	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	5,726			
7.50	0.053	10.50	0.096	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	3,630			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	111,660	0.2254	283,578	0.1272
10.50	0.478	12.33	0.038	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	15,338			
10.50	0.632	12.33	0.052	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	6,777			
10.50	0.803	12.33	0.044	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	12,589			
10.50	0.625	12.33	0.046	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	6,649			
10.50	0.58	12.33	0.063	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	12,742			
10.50	0.477	12.33	0.043	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	6,440			
10.50	0.374	12.33	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	5,900			
10.50	0.104	12.33	0.104	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	5,152			
10.50	0.096	12.33	0.096	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	2,854			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	74,441	0.2463	209,136	0.1085
12.33	0.038	15.00	0.036	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,209			
12.33	0.052	15.00	0.059	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,605			
12.33	0.044	15.00	0.039	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,800			
12.33	0.046	15.00	0.032	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,128			
12.33	0.063	15.00	0.033	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,776			
12.33	0.043	15.00	0.031	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,337			
12.33	0.023	15.00	0.029	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,128			
12.33	0.104	15.00	0.028	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	4,771			
12.33	0.096	15.00	0.099	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	4,229			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	21,981	0.0499	187,155	0.1259
15.00	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	10,514			
15.00	0.059	23.99	0.059	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	5,744			
15.00	0.039	23.99	0.039	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	5,695			
15.00	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	3,115			
15.00	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	6,425			
15.00	0.031	23.99	0.031	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	3,772			
15.00	0.029	23.99	0.029	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	4,235			
15.00	0.028	23.99	0.028	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	6,815			
15.00	0.099	23.99	0.099	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	14,457			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	60,771	0.0409	126,384	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0731**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-06-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.007	7.00	0.007	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,592			
0.00	0.005	7.00	0.005	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	379			
0.00	0.008	7.00	0.008	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	910			
0.00	0.007	7.00	0.007	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	531			
0.00	0.015	7.00	0.015	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	2,274			
0.00	0.013	7.00	0.013	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,232			
0.00	0.003	7.00	0.003	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	341			
0.00	0.012	7.00	0.012	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	2,274			
0.00	0.03	7.00	0.03	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	3,411			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	12,943	0.0112	403,208	0.1436
7.00	0.007	9.33	0.148	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	5,866			
7.00	0.005	9.33	0.163	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,119			
7.00	0.008	9.33	0.133	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,668			
7.00	0.007	9.33	0.091	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,236			
7.00	0.015	9.33	0.128	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,608			
7.00	0.013	9.33	0.113	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,987			
7.00	0.003	9.33	0.128	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,479			
7.00	0.012	9.33	0.054	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	2,082			
7.00	0.03	9.33	0.073	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	1,949			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	23,995	0.0624	379,213	0.1565
9.33	0.148	12.83	0.06	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	11,825			
9.33	0.163	12.83	0.018	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,430			
9.33	0.133	12.83	0.042	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	4,974			
9.33	0.091	12.83	0.08	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	3,241			
9.33	0.128	12.83	0.04	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	6,367			
9.33	0.113	12.83	0.055	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	3,980			
9.33	0.128	12.83	0.016	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	4,093			
9.33	0.054	12.83	0.02	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,506			
9.33	0.073	12.83	0.057	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	3,695			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	45,111	0.0780	334,101	0.1811
12.83	0.06	15.75	0.115	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	8,300			
12.83	0.018	15.75	0.123	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,229			
12.83	0.042	15.75	0.106	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	3,510			
12.83	0.08	15.75	0.108	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,972			
12.83	0.04	15.75	0.177	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	6,862			
12.83	0.055	15.75	0.156	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	4,170			
12.83	0.016	15.75	0.122	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	3,273			
12.83	0.02	15.75	0.056	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,004			
12.83	0.057	15.75	0.075	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	3,130			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	37,450	0.0777	296,651	0.2177
15.75	0.115	23.99	0.115	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	30,784			
15.75	0.123	23.99	0.123	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	10,975			
15.75	0.106	23.99	0.106	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	14,187			
15.75	0.108	23.99	0.108	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	9,637			
15.75	0.177	23.99	0.177	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	31,587			
15.75	0.156	23.99	0.156	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	17,400			
15.75	0.122	23.99	0.122	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	16,329			
15.75	0.056	23.99	0.056	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	12,492			
15.75	0.075	23.99	0.075	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	10,038			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	153,430	0.1128	143,222	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0689**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-07-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.018	7.00	0.018	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	4,093			
0.00	0.012	7.00	0.012	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	910			
0.00	0.02	7.00	0.02	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,274			
0.00	0.015	7.00	0.015	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,137			
0.00	0.038	7.00	0.038	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	5,761			
0.00	0.027	7.00	0.027	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,558			
0.00	0.008	7.00	0.008	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	910			
0.00	0.011	7.00	0.011	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	2,085			
0.00	0.054	7.00	0.054	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	6,140			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	25,867	0.0224	390,283	0.1390
7.00	0.018	10.75	0.525	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	33,075			
7.00	0.012	10.75	0.54	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	11,208			
7.00	0.02	10.75	0.512	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	16,203			
7.00	0.015	10.75	0.489	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	10,233			
7.00	0.038	10.75	0.517	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	22,537			
7.00	0.027	10.75	0.429	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	11,573			
7.00	0.008	10.75	0.36	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	11,208			
7.00	0.011	10.75	0.081	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	4,670			
7.00	0.054	10.75	0.123	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	5,391			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	126,098	0.2036	264,185	0.1207
10.75	0.525	11.25	0.093	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	5,019			
10.75	0.54	11.25	0.105	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	1,746			
10.75	0.512	11.25	0.081	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,408			
10.75	0.489	11.25	0.071	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,516			
10.75	0.517	11.25	0.151	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,617			
10.75	0.429	11.25	0.087	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,746			
10.75	0.36	11.25	0.058	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,697			
10.75	0.081	11.25	0.031	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	758			
10.75	0.123	11.25	0.074	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	800			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	19,308	0.2338	244,878	0.1163
11.25	0.093	15.25	0.123	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	14,034			
11.25	0.105	15.25	0.124	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	4,960			
11.25	0.081	15.25	0.122	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	6,595			
11.25	0.071	15.25	0.119	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	4,115			
11.25	0.151	15.25	0.203	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	15,334			
11.25	0.087	15.25	0.119	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	5,577			
11.25	0.058	15.25	0.08	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	4,483			
11.25	0.031	15.25	0.043	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	4,007			
11.25	0.074	15.25	0.065	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	4,516			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	63,619	0.0963	181,259	0.1254
15.25	0.123	17.00	0.089	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	6,026			
15.25	0.124	17.00	0.089	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	2,018			
15.25	0.122	17.00	0.089	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	2,999			
15.25	0.119	17.00	0.075	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,838			
15.25	0.203	17.00	0.12	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	6,121			
15.25	0.119	17.00	0.087	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	2,440			
15.25	0.08	17.00	0.068	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,103			
15.25	0.043	17.00	0.043	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	2,037			
15.25	0.065	17.00	0.065	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	1,848			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	27,431	0.0949	153,828	0.1331
17.00	0.089	23.99	0.089	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	20,210			
17.00	0.089	23.99	0.089	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	6,737			
17.00	0.089	23.99	0.089	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	10,105			
17.00	0.075	23.99	0.075	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	5,677			
17.00	0.12	23.99	0.12	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	18,166			
17.00	0.087	23.99	0.087	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	8,232			
17.00	0.068	23.99	0.068	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	7,721			
17.00	0.043	23.99	0.043	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	8,137			
17.00	0.065	23.99	0.065	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	7,380			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	92,365	0.0800	87,330	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0895

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-08-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.037	8.75	0.037	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	10,517			
0.00	0.039	8.75	0.039	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,695			
0.00	0.038	8.75	0.038	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	5,401			
0.00	0.041	8.75	0.041	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	3,885			
0.00	0.073	8.75	0.073	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	13,834			
0.00	0.041	8.75	0.041	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	4,856			
0.00	0.017	8.75	0.017	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	2,416			
0.00	0.016	8.75	0.016	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,790			
0.00	0.034	8.75	0.034	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	4,832			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	53,227	0.0368	362,924	0.1441
8.75	0.037	11.00	0.031	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,485			
8.75	0.039	11.00	0.026	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	792			
8.75	0.038	11.00	0.039	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,407			
8.75	0.041	11.00	0.043	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,023			
8.75	0.073	11.00	0.053	Boiler #1& #2 - El. 89 to El. 59	82	N	8	1,600	12,800	6.0160	3,070			
8.75	0.041	11.00	0.031	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,096			
8.75	0.017	11.00	0.021	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	694			
8.75	0.016	11.00	0.017	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	1,005			
8.75	0.034	11.00	0.047	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	1,480			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									97,600	45.8720	13,053	0.0351	349,870	0.1630
11.00	0.031	13.50	0.033	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	2,599			
11.00	0.026	13.50	0.034	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	812			
11.00	0.039	13.50	0.048	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,766			
11.00	0.043	13.50	0.05	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,259			
11.00	0.053	13.50	0	Boiler #1& #2 - El. 89 to El. 59	82	N	0	1,600	0	0.0000	0			
11.00	0.031	13.50	0.051	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,387			
11.00	0.021	13.50	0.029	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	1,015			
11.00	0.017	13.50	0.02	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	1,252			
11.00	0.047	13.50	0.057	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	2,112			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									84,800	39.8560	12,203	0.0340	283,091	0.1879
13.50	0.033	15.00	0.028	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	1,486			
13.50	0.034	15.00	0.035	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	560			
13.50	0.048	15.00	0.042	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,096			
13.50	0.05	15.00	0.046	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	780			
13.50	0	15.00	0	Boiler #1& #2 - El. 89 to El. 59	82	N	0	1,600	0	0.0000	0			
13.50	0.051	15.00	0.054	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	1,066			
13.50	0.029	15.00	0.041	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	853			
13.50	0.02	15.00	0.013	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	670			
13.50	0.057	15.00	0.021	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	950			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									84,800	39.8560	7,462	0.0347	275,629	0.2134
15.00	0.028	23.99	0.028	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	8,177			
15.00	0.035	23.99	0.035	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,407			
15.00	0.042	23.99	0.042	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	6,133			
15.00	0.046	23.99	0.046	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	4,478			
15.00	0	23.99	0	Boiler #1& #2 - El. 89 to El. 59	82	N	0	1,600	0	0.0000	0			
15.00	0.054	23.99	0.054	Boiler #1& #2 - El. 89 to El. 59	82	SW	5	1,600	8,000	3.7600	6,571			
15.00	0.041	23.99	0.041	Boiler #1& #2 - El. 89 to El. 59	82	SE	6	1,600	9,600	4.5120	5,987			
15.00	0.013	23.99	0.013	Turbine #1 - El. 36 to El. 24	36	N	10	1,600	16,000	7.5200	3,164			
15.00	0.021	23.99	0.021	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	3,067			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									84,800	39.8560	40,985	0.0318	234,644	

24 HR. ACTUAL COMPLIANCE TOTAL	**0.0369**
24 HR. COMPLIANCE STANDARD	**0.105**
	IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-09-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.038	8.00	0.038	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	9,876			
0.00	0.046	8.00	0.046	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	3,985			
0.00	0.046	8.00	0.046	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	5,977			
0.00	0.045	8.00	0.045	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	3,898			
0.00	0.039	8.00	0.039	Boiler #1& #2 - El. 89 to El. 59	82	NE	7	1,600	11,200	5.2640	5,913			
0.00	0	8.00	0	Boiler #1& #2 - El. 89 to El. 59	82	SW	0	1,600	0	0.0000	0			
0.00	0.037	8.00	0.037	Boiler #1& #2 - El. 89 to El. 59	82	SE	11	1,600	17,600	8.2720	8,815			
0.00	0.006	8.00	0.006	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	260			
0.00	0.022	8.00	0.022	Turbine #1 - El. 36 to El. 24	24	N	6	1,600	9,600	4.5120	2,859			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									83,200	39.1040	41,583	0.0369	313,169	0.1390
8.00	0.038	10.25	0.052	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,289			
8.00	0.046	10.25	0.036	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	999			
8.00	0.046	10.25	0.036	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,498			
8.00	0.045	10.25	0.038	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,011			
8.00	0.039	10.25	0.033	Boiler #1& #2 - El. 89 to El. 59	82	NE	7	1,600	11,200	5.2640	1,535			
8.00	0	10.25	0.000	Boiler #1& #2 - El. 89 to El. 59	82	SW	0	1,600	0	0.0000	0			
8.00	0.037	10.25	0.023	Boiler #1& #2 - El. 89 to El. 59	82	SE	11	1,600	17,600	8.2720	2,010			
8.00	0.006	10.25	0.012	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	110			
8.00	0.022	10.25	0.034	Turbine #1 - El. 36 to El. 24	24	N	3	1,600	4,800	2.2560	512			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									78,400	36.8480	10,954	0.0367	281,738	0.1545
10.25	0.052	12.80	0.031	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	3,438			
10.25	0.036	12.80	0.036	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	994			
10.25	0.036	12.80	0.036	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	1,491			
10.25	0.038	12.80	0.036	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,022			
10.25	0.033	12.80	0.019	Boiler #1& #2 - El. 89 to El. 59	82	NE	7	1,600	11,200	5.2640	1,256			
10.25	0.000	12.80	0	Boiler #1& #2 - El. 89 to El. 59	82	SW	0	1,600	0	0.0000	0			
10.25	0.023	12.80	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SE	11	1,600	17,600	8.2720	2,126			
10.25	0.012	12.80	0.018	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	207			
10.25	0.034	12.80	0.012	Turbine #1 - El. 36 to El. 24	24	N	3	1,600	4,800	2.2560	476			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									78,400	36.8480	11,011	0.0326	270,727	0.1822
12.80	0.031	12.81	0.031	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	10			
12.80	0.036	12.81	0.036	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	4			
12.80	0.036	12.81	0.036	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	6			
12.80	0.036	12.81	0.036	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	4			
12.80	0.019	12.81	0.019	Boiler #1& #2 - El. 89 to El. 59	82	NE	7	1,600	11,200	5.2640	4			
12.80	0	12.81	0	Boiler #1& #2 - El. 89 to El. 59	82	SW	0	1,600	0	0.0000	0			
12.80	0.033	12.81	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SE	11	1,600	17,600	8.2720	10			
12.80	0.018	12.81	0.018	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	1			
12.80	0.012	12.81	0.012	Turbine #1 - El. 36 to El. 24	24	N	3	1,600	4,800	2.2560	1			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									78,400	36.8480	39	0.0295	270,688	0.1824
12.81	0.031	23.99	0.031	Boiler #1& #2 - El. 89 to El. 59	59	NE	12	1,600	19,200	9.0240	11,259			
12.81	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	N	4	1,600	6,400	3.0080	4,358			
12.81	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	W	6	1,600	9,600	4.5120	6,538			
12.81	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	4,358			
12.81	0.019	23.99	0.019	Boiler #1& #2 - El. 89 to El. 59	82	NE	7	1,600	11,200	5.2640	4,025			
12.81	0	23.99	0	Boiler #1& #2 - El. 89 to El. 59	82	SW	0	1,600	0	0.0000	0			
12.81	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	82	SE	11	1,600	17,600	8.2720	10,987			
12.81	0.018	23.99	0.018	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	1,090			
12.81	0.012	23.99	0.012	Turbine #1 - El. 36 to El. 24	24	N	3	1,600	4,800	2.2560	1,090			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									78,400	36.8480	43,705	0.0295	226,984	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0337**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-10-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.017	7.25	0.017	Boiler #1& #2 - El. 89 to El. 59	59	NW	13	1,600	20,800	9.7760	4,338			
0.00	0.005	7.25	0.005	Boiler #1& #2 - El. 89 to El. 59	59	W	10	1,600	16,000	7.5200	981			
0.00	0.018	7.25	0.018	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	1,413			
0.00	0.006	7.25	0.006	Boiler #1& #2 - El. 89 to El. 59	82	E	18	1,600	28,800	13.5360	2,120			
0.00	0.004	7.25	0.004	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	157			
0.00	0.008	7.25	0.008	Turbine #1 - El. 36 to El. 24	24	N	1	1,600	1,600	0.7520	157			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									76,800	36.0960	9,166	0.0097	318,297	0.1462
7.25	0.017	10.00	0.021	Boiler #1& #2 - El. 89 to El. 59	59	NW	13	1,600	20,800	9.7760	1,839			
7.25	0.005	10.00	0.027	Boiler #1& #2 - El. 89 to El. 59	59	W	10	1,600	16,000	7.5200	1,191			
7.25	0.018	10.00	0.023	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	610			
7.25	0.006	10.00	0.02	Boiler #1& #2 - El. 89 to El. 59	82	E	18	1,600	28,800	13.5360	1,742			
7.25	0.004	10.00	0.012	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	119			
7.25	0.008	10.00	0.015	Turbine #1 - El. 36 to El. 24	24	N	1	1,600	1,600	0.7520	86			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									76,800	36.0960	5,587	0.0156	312,710	0.1719
10.00	0.021	13.00	0.017	Boiler #1& #2 - El. 89 to El. 59	59	NW	13	1,600	20,800	9.7760	2,006			
10.00	0.027	13.00	0.029	Boiler #1& #2 - El. 89 to El. 59	59	W	10	1,600	16,000	7.5200	2,274			
10.00	0.023	13.00	0.018	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	666			
10.00	0.02	13.00	0.014	Boiler #1& #2 - El. 89 to El. 59	82	E	18	1,600	28,800	13.5360	2,485			
10.00	0.012	13.00	0.014	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	211			
10.00	0.015	13.00	0.021	Turbine #1 - El. 36 to El. 24	24	N	1	1,600	1,600	0.7520	146			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									76,800	36.0960	7,789	0.0200	304,921	0.2133
13.00	0.017	13.01	0.017	Boiler #1& #2 - El. 89 to El. 59	59	NW	13	1,600	20,800	9.7760	6			
13.00	0.029	13.01	0.029	Boiler #1& #2 - El. 89 to El. 59	59	W	10	1,600	16,000	7.5200	8			
13.00	0.018	13.01	0.018	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2			
13.00	0.014	13.01	0.014	Boiler #1& #2 - El. 89 to El. 59	82	E	18	1,600	28,800	13.5360	7			
13.00	0.014	13.01	0.014	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	1			
13.00	0.021	13.01	0.021	Turbine #1 - El. 36 to El. 24	24	N	1	1,600	1,600	0.7520	1			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									76,800	36.0960	24	0.0184	304,897	0.2135
13.01	0.017	23.99	0.017	Boiler #1& #2 - El. 89 to El. 59	59	NW	13	1,600	20,800	9.7760	6,569			
13.01	0.029	23.99	0.029	Boiler #1& #2 - El. 89 to El. 59	59	W	10	1,600	16,000	7.5200	8,620			
13.01	0.018	23.99	0.018	Boiler #1& #2 - El. 89 to El. 59	59	SW	4	1,600	6,400	3.0080	2,140			
13.01	0.014	23.99	0.014	Boiler #1& #2 - El. 89 to El. 59	82	E	18	1,600	28,800	13.5360	7,491			
13.01	0.014	23.99	0.014	Turbine #1 - El. 36 to El. 24	36	N	2	1,600	3,200	1.5040	832			
13.01	0.021	23.99	0.021	Turbine #1 - El. 36 to El. 24	24	N	1	1,600	1,600	0.7520	624			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									76,800	36.0960	26,277	0.0184	278,620	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0157**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-15-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.015	7.33	0.015	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,084			
0.00	0.017	7.33	0.017	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	4,385			
0.00	0.022	7.33	0.022	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,929			
0.00	0.008	7.33	0.008	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	3,175			
0.00	0.009	7.33	0.009	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,607			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	15,180	0.0132	380,504	0.1454
7.33	0.015	10.66	0.045	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	1,893			
7.25	0.017	10.66	0.047	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	3,840			
7.25	0.022	10.66	0.06	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,406			
7.25	0.008	10.66	0.037	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	4,154			
7.25	0.009	10.66	0.044	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	2,202			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	15,496	0.0296	365,008	0.1743
10.66	0.045	13.50	0.051	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,583			
10.66	0.047	13.50	0.056	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	5,147			
10.66	0.06	13.50	0.041	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,494			
10.66	0.037	13.50	0.04	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	5,920			
10.66	0.044	13.50	0.023	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	2,318			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	19,463	0.0436	345,545	0.2096
13.50	0.051	16.60	0.044	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,790			
13.50	0.056	16.60	0.042	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	5,346			
13.50	0.041	16.60	0.048	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,361			
13.50	0.04	16.60	0.032	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	6,042			
13.50	0.023	16.60	0.011	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,284			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	18,824	0.0387	326,721	0.2812
16.60	0.044	23.99	0.044	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	6,162			
16.60	0.042	23.99	0.042	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	10,923			
16.60	0.048	23.99	0.048	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	8,643			
16.60	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	12,804			
16.60	0.011	23.99	0.011	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,981			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	40,513	0.0349	286,208	

24 HR. ACTUAL COMPLIANCE TOTAL	**0.0291**
24 HR. COMPLIANCE STANDARD	**0.105**
	IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-16-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.03	7.90	0.03	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	4,491			
0.00	0.031	7.90	0.031	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	8,619			
0.00	0.04	7.90	0.04	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,699			
0.00	0.024	7.90	0.024	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	10,266			
0.00	0.013	7.90	0.013	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	2,502			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	33,577	0.0271	362,107	0.1432
7.90	0.03	10.75	0.038	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	1,836			
7.90	0.031	10.75	0.049	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	4,012			
7.90	0.04	10.75	0.045	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,951			
7.90	0.024	10.75	0.035	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	4,552			
7.90	0.013	10.75	0.021	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,180			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	14,532	0.0325	347,575	0.1671
10.75	0.038	13.50	0.039	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,006			
10.75	0.049	13.50	0.037	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	4,162			
10.75	0.045	13.50	0.044	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,982			
10.75	0.035	13.50	0.046	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	6,030			
10.75	0.021	13.50	0.024	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,508			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	16,688	0.0386	330,887	0.2007
13.50	0.039	16.75	0.044	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,556			
13.50	0.037	16.75	0.046	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	4,747			
13.50	0.044	16.75	0.052	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,801			
13.50	0.046	16.75	0.042	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	7,743			
13.50	0.024	16.75	0.011	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,386			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	20,232	0.0396	310,655	0.2729
16.75	0.044	23.99	0.044	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	6,037			
16.75	0.046	23.99	0.046	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	11,721			
16.75	0.052	23.99	0.052	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	9,173			
16.75	0.042	23.99	0.042	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	16,464			
16.75	0.011	23.99	0.011	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,940			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	45,335	0.0399	265,320	

24 HR. ACTUAL COMPLIANCE TOTAL	**0.0346**
24 HR. COMPLIANCE STANDARD	**0.105**
	IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-17-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.017	7.25	0.017	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,336			
0.00	0.018	7.25	0.018	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	4,593			
0.00	0.003	7.25	0.003	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	530			
0.00	0.01	7.25	0.01	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	3,925			
0.00	0	7.25	0	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	11,384	0.0100	384,301	0.1461
7.25	0.017	10.50	0.045	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	1,909			
7.25	0.018	10.50	0.052	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	4,003			
7.25	0.003	10.50	0.051	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,138			
7.25	0.01	10.50	0.032	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	3,695			
7.25	0	10.50	0.019	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	752			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	12,498	0.0245	371,802	0.1754
10.50	0.045	13.50	0.048	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,644			
10.50	0.052	13.50	0.044	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	5,068			
10.50	0.051	13.50	0.041	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,362			
10.50	0.032	13.50	0.042	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	6,010			
10.50	0.019	13.50	0.005	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	877			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	17,961	0.0381	353,842	0.2146
13.50	0.048	15	0.032	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	1,137			
13.50	0.044	15	0.03	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	1,953			
13.50	0.041	15	0.033	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,352			
13.50	0.042	15	0.02	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	2,518			
13.50	0.005	15	0.007	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	219			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	7,179	0.0305	346,662	0.2453
15	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	5,452			
15	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	9,492			
15	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,228			
15	0.02	23.99	0.02	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	9,735			
15	0.007	23.99	0.007	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,533			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									92,800	43.6160	33,440	0.0237	313,222	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0219**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-21-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.039	7.50	0.039	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	5,543			
0.00	0.011	7.50	0.011	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	2,903			
0.00	0.019	7.50	0.019	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,472			
0.00	0.026	7.50	0.026	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	10,558			
0.00	0.013	7.50	0.013	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	2,376			
0.00	0.027	7.50	0.027	Precipitator - El. 24	24	W	12	1,600	19,200	9.0240	6,578			
0.00	0.027	7.50	0.027	Turbine #2 - El. 36	36	W	8	1,600	12,800	6.0160	4,386			
0.00	0.132	7.50	0.132	Turbine #2 - El. 24	24	W	2	1,600	3,200	1.5040	5,360			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									128,000	60.1600	41,177	0.0254	504,595	0.1412
7.50	0.039	11.00	0.05	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	2,952			
7.50	0.011	11.00	0.037	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	2,956			
7.50	0.019	11.00	0.041	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,558			
7.50	0.026	11.00	0.029	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	5,211			
7.50	0.013	11.00	0.021	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,450			
7.50	0.027	11.00	0.007	Precipitator - El. 24	24	W	12	1,600	19,200	9.0240	1,933			
7.50	0.027	11.00	0.194	Turbine #2 - El. 36	36	W	8	1,600	12,800	6.0160	8,376			
7.50	0.132	11.00	0.202	Turbine #2 - El. 24	24	W	2	1,600	3,200	1.5040	3,165			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									128,000	60.1600	28,601	0.0377	475,994	0.1691
11.00	0.05	14.00	0.076	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	3,582			
11.00	0.037	14.00	0.088	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	6,599			
11.00	0.041	14.00	0.105	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,336			
11.00	0.029	14.00	0.084	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	9,177			
11.00	0.021	14.00	0.011	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,170			
11.00	0.007	14.00	0.003	Precipitator - El. 24	24	W	12	1,600	19,200	9.0240	487			
11.00	0.194	14.00	0.939	Turbine #2 - El. 36	36	W	8	1,600	12,800	6.0160	36,807			
11.00	0.202	14.00	0.734	Turbine #2 - El. 24	24	W	2	1,600	3,200	1.5040	7,602			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									128,000	60.1600	70,759	0.1089	405,235	0.1871
14.00	0.076	16.5	0.064	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	3,316			
14.00	0.088	16.5	0.065	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	6,731			
14.00	0.105	16.5	0.061	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,056			
14.00	0.084	16.5	0.036	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	8,122			
14.00	0.011	16.5	0.018	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	883			
14.00	0.003	16.5	0.013	Precipitator - El. 24	24	W	12	1,600	19,200	9.0240	650			
14.00	0.939	16.5	0.202	Turbine #2 - El. 36	36	W	8	1,600	12,800	6.0160	30,889			
14.00	0.734	16.5	0.315	Turbine #2 - El. 24	24	W	2	1,600	3,200	1.5040	7,100			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									128,000	60.1600	62,746	0.1159	342,489	0.2109
16.5	0.064	23.99	0.064	Boiler #1& #2 - El. 89 to El. 59	59	SW	7	1,600	11,200	5.2640	9,084			
16.5	0.065	23.99	0.065	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	17,134			
16.5	0.061	23.99	0.061	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	11,132			
16.5	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	14,599			
16.5	0.018	23.99	0.018	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	3,285			
16.5	0.013	23.99	0.013	Precipitator - El. 24	24	W	12	1,600	19,200	9.0240	3,163			
16.5	0.202	23.99	0.202	Turbine #2 - El. 36	36	W	8	1,600	12,800	6.0160	32,768			
16.5	0.315	23.99	0.315	Turbine #2 - El. 24	24	W	2	1,600	3,200	1.5040	12,774			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									128,000	60.1600	103,940	0.0641	238,549	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0591**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-22-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.02	7.75	0.02	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,937			
0.00	0.024	7.75	0.024	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,546			
0.00	0.049	7.75	0.049	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	9,253			
0.00	0.015	7.75	0.015	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,294			
0.00	0	7.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0.006	7.75	0.006	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,511			
0.00	0.134	7.75	0.134	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	22,491			
0.00	0.276	7.75	0.276	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	11,581			
0.00	0.007	7.75	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,957			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	65,570	0.0275	710,449	0.1420
7.75	0.02	11.00	0.037	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,755			
7.75	0.024	11.00	0.031	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,145			
7.75	0.049	11.00	0.038	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,445			
7.75	0.015	11.00	0.021	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	3,167			
7.75	0	11.00	0.06	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,376			
7.75	0.006	11.00	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	845			
7.75	0.134	11.00	0.144	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	9,784			
7.75	0.276	11.00	0.254	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	4,663			
7.75	0.007	11.00	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,079			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	31,259	0.0312	679,190	0.1697
11.00	0.037	14.00	0.241	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	7,902			
11.00	0.031	14.00	0.115	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,707			
11.00	0.038	14.00	0.124	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,921			
11.00	0.021	14.00	0.182	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	16,487			
11.00	0.06	14.00	0.028	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	3,216			
11.00	0.01	14.00	0.021	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,511			
11.00	0.144	14.00	0.216	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	11,695			
11.00	0.254	14.00	0.604	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,968			
11.00	0.007	14.00	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,919			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	63,326	0.0685	615,864	0.2000
14.00	0.241	16.15	0.078	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	6,499			
14.00	0.115	16.15	0.084	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,529			
14.00	0.124	16.15	0.071	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,107			
14.00	0.182	16.15	0.083	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	15,424			
14.00	0.028	16.15	0.018	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,205			
14.00	0.021	16.15	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,083			
14.00	0.216	16.15	0.106	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	7,497			
14.00	0.604	16.15	0.382	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,739			
14.00	0.007	16.15	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,080			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	51,163	0.0773	564,701	0.2336
16.15	0.078	23.99	0.078	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	11,589			
16.15	0.084	23.99	0.084	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	23,177			
16.15	0.071	23.99	0.071	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	13,562			
16.15	0.083	23.99	0.083	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	35,233			
16.15	0.018	23.99	0.018	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	3,438			
16.15	0.01	23.99	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,547			
16.15	0.106	23.99	0.106	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	17,998			
16.15	0.382	23.99	0.382	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	16,215			
16.15	0.004	23.99	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,865			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	126,625	0.0524	438,076	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0457**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-23-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.035	7.75	0.035	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	5,140			
0.00	0.055	7.75	0.055	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	15,001			
0.00	0.052	7.75	0.052	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	9,819			
0.00	0.038	7.75	0.038	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	15,945			
0.00	0.01	7.75	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,888			
0.00	0.005	7.75	0.005	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,259			
0.00	0.188	7.75	0.188	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	31,555			
0.00	0.39	7.75	0.39	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	16,365			
0.00	0.004	7.75	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,832			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	99,806	0.0418	676,213	0.1351
7.75	0.035	10.75	0.049	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,388			
7.75	0.055	10.75	0.063	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,229			
7.75	0.052	10.75	0.051	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,764			
7.75	0.038	10.75	0.047	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,903			
7.75	0.01	10.75	0.032	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,535			
7.75	0.005	10.75	0.008	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	633			
7.75	0.188	10.75	0.52	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	23,000			
7.75	0.39	10.75	0.399	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,408			
7.75	0.004	10.75	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,371			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	52,232	0.0565	623,981	0.1529
10.75	0.049	13.75	0.049	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,786			
10.75	0.063	13.75	0.063	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,652			
10.75	0.051	13.75	0.051	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,728			
10.75	0.047	13.75	0.047	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,634			
10.75	0.032	13.75	0.019	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,864			
10.75	0.008	13.75	0.016	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,170			
10.75	0.52	13.75	0.137	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	21,344			
10.75	0.399	13.75	0.429	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,725			
10.75	0.006	13.75	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,741			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	54,642	0.0591	569,339	0.1804
13.75	0.049	16.75	0.06	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,098			
13.75	0.063	16.75	0.072	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,127			
13.75	0.051	16.75	0.072	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,495			
13.75	0.047	16.75	0.057	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,446			
13.75	0.019	16.75	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,243			
13.75	0.016	16.75	0.019	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,706			
13.75	0.137	16.75	0.097	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	7,602			
13.75	0.429	16.75	0.355	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,367			
13.75	0.014	16.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,604			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	42,688	0.0462	526,651	0.2359
16.75	0.06	23.99	0.06	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	8,232			
16.75	0.072	23.99	0.072	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	18,346			
16.75	0.072	23.99	0.072	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	12,701			
16.75	0.057	23.99	0.057	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	22,344			
16.75	0.015	23.99	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,646			
16.75	0.019	23.99	0.019	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	4,469			
16.75	0.097	23.99	0.097	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	15,210			
16.75	0.355	23.99	0.355	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	13,916			
16.75	0.005	23.99	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,308			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	101,171	0.0454	425,480	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0474**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-24-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.037	8.00	0.037	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	5,609			
0.00	0.073	8.00	0.073	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	20,553			
0.00	0.052	8.00	0.052	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,136			
0.00	0.052	8.00	0.052	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	22,524			
0.00	0.004	8.00	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	780			
0.00	0.008	8.00	0.008	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,079			
0.00	0.064	8.00	0.064	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	11,089			
0.00	0.328	8.00	0.328	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	14,207			
0.00	0.004	8.00	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,924			
0.00	0.064	8.00	0.064	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	5,544			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	95,445	0.0374	707,862	0.1388
8.00	0.037	10.50	0.065	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,416			
8.00	0.073	10.50	0.056	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,675			
8.00	0.052	10.50	0.056	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,289			
8.00	0.052	10.50	0.07	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,257			
8.00	0.004	10.50	0.022	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	792			
8.00	0.008	10.50	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	731			
8.00	0.064	10.50	0.382	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	12,074			
8.00	0.328	10.50	0.527	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,787			
8.00	0.004	10.50	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,142			
8.00	0.064	10.50	0.064	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,733			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	41,896	0.0526	665,967	0.1548
10.50	0.065	13.00	0.028	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,203			
10.50	0.056	13.00	0.049	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,619			
10.50	0.056	13.00	0.048	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,167			
10.50	0.07	13.00	0.047	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,919			
10.50	0.022	13.00	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,096			
10.50	0.01	13.00	0.011	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	853			
10.50	0.382	13.00	0.168	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	14,890			
10.50	0.527	13.00	0.344	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,895			
10.50	0.006	13.00	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,371			
10.50	0.064	13.00	0.072	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,841			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	43,853	0.0550	622,114	0.1774
13.00	0.028	15.00	0.034	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,175			
13.00	0.049	15.00	0.036	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,991			
13.00	0.048	15.00	0.032	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,949			
13.00	0.047	15.00	0.034	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,386			
13.00	0.014	15.00	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	585			
13.00	0.011	15.00	0.005	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	520			
13.00	0.168	15.00	0.181	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	7,559			
13.00	0.344	15.00	0.441	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	4,250			
13.00	0.006	15.00	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,462			
13.00	0.072	15.00	0.061	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,440			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	26,317	0.0413	595,797	0.2077
15.00	0.034	23.99	0.034	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	5,792			
15.00	0.036	23.99	0.036	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	11,390			
15.00	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,009			
15.00	0.034	23.99	0.034	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	16,550			
15.00	0.01	23.99	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,190			
15.00	0.005	23.99	0.005	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,460			
15.00	0.181	23.99	0.181	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	35,241			
15.00	0.441	23.99	0.441	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	21,466			
15.00	0.01	23.99	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	8,214			
15.00	0.061	23.99	0.061	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	5,938			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	115,251	0.0402	480,546	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0422**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-27-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.026	7.75	0.026	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,819			
0.00	0.029	7.75	0.029	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,910			
0.00	0.031	7.75	0.031	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,854			
0.00	0.032	7.75	0.032	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	13,428			
0.00	0.012	7.75	0.012	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,266			
0.00	0.012	7.75	0.012	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	3,021			
0.00	0.127	7.75	0.127	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	21,316			
0.00	0.266	7.75	0.266	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	11,162			
0.00	0.006	7.75	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,249			
0.00	0.036	7.75	0.036	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,021			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	76,045	0.0308	727,263	0.1404
7.75	0.026	10.75	0.053	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,246			
7.75	0.029	10.75	0.067	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,068			
7.75	0.031	10.75	0.071	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,728			
7.75	0.032	10.75	0.052	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,822			
7.75	0.012	10.75	0.011	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	841			
7.75	0.012	10.75	0.012	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,170			
7.75	0.127	10.75	0.212	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	11,013			
7.75	0.266	10.75	0.252	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	4,207			
7.75	0.006	10.75	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,919			
7.75	0.036	10.75	0.042	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,267			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	38,279	0.0400	688,983	0.1631
10.75	0.053	14.00	0.031	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,587			
10.75	0.067	14.00	0.039	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,062			
10.75	0.071	14.00	0.054	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,949			
10.75	0.052	14.00	0.039	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,007			
10.75	0.011	14.00	0.022	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,307			
10.75	0.012	14.00	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,161			
10.75	0.212	14.00	0.175	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	13,620			
10.75	0.252	14.00	0.2	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	3,977			
10.75	0.008	14.00	0.02	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,157			
10.75	0.042	14.00	0.037	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,390			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	47,217	0.0456	641,767	0.2013
14.00	0.031	16.25	0.043	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,578			
14.00	0.039	16.25	0.037	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,009			
14.00	0.054	16.25	0.03	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,302			
14.00	0.039	16.25	0.04	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,812			
14.00	0.022	16.25	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	767			
14.00	0.01	16.25	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	512			
14.00	0.175	16.25	0.112	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	6,993			
14.00	0.2	16.25	0.262	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	2,814			
14.00	0.02	16.25	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,570			
14.00	0.037	16.25	0.033	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	853			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	26,210	0.0365	615,557	0.2492
16.25	0.043	23.99	0.043	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	6,307			
16.25	0.037	23.99	0.037	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	10,079			
16.25	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,658			
16.25	0.04	23.99	0.04	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	16,763			
16.25	0.006	23.99	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,132			
16.25	0.004	23.99	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,006			
16.25	0.112	23.99	0.112	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	18,775			
16.25	0.262	23.99	0.262	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	10,980			
16.25	0.005	23.99	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,536			
16.25	0.033	23.99	0.033	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,766			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	77,000	0.0312	538,557	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0346**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 02-28-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.013	7.75	0.013	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,909			
0.00	0.019	7.75	0.019	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,182			
0.00	0.027	7.75	0.027	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,098			
0.00	0.02	7.75	0.02	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,392			
0.00	0.013	7.75	0.013	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,455			
0.00	0.02	7.75	0.02	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	5,035			
0.00	0.083	7.75	0.083	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	13,931			
0.00	0.24	7.75	0.24	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	10,071			
0.00	0.005	7.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,541			
0.00	0.029	7.75	0.029	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,434			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	58,049	0.0235	745,259	0.1439
7.75	0.013	10.50	0.029	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,094			
7.75	0.019	10.50	0.035	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,613			
7.75	0.027	10.50	0.043	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,345			
7.75	0.02	10.50	0.028	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	3,574			
7.75	0.013	10.50	0.031	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,474			
7.75	0.02	10.50	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,340			
7.75	0.083	10.50	0.239	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	9,589			
7.75	0.24	10.50	0.229	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	3,492			
7.75	0.005	10.50	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,884			
7.75	0.029	10.50	0.028	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	849			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	28,254	0.0322	717,005	0.1666
10.50	0.029	14.00	0.044	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,421			
10.50	0.035	14.00	0.039	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,558			
10.50	0.043	14.00	0.046	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,795			
10.50	0.028	14.00	0.033	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,780			
10.50	0.031	14.00	0.035	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,814			
10.50	0.01	14.00	0.011	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,194			
10.50	0.239	14.00	0.185	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	16,070			
10.50	0.229	14.00	0.324	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,240			
10.50	0.01	14.00	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,878			
10.50	0.028	14.00	0.035	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,194			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	45,943	0.0412	671,062	0.2105
14.00	0.044	16.75	0.03	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,928			
14.00	0.039	16.75	0.072	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,371			
14.00	0.046	16.75	0.084	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,355			
14.00	0.033	16.75	0.041	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,509			
14.00	0.035	16.75	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,407			
14.00	0.011	16.75	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	938			
14.00	0.185	16.75	0.239	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	12,626			
14.00	0.324	16.75	0.451	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,770			
14.00	0.008	16.75	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,759			
14.00	0.035	16.75	0.033	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,012			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	40,677	0.0464	630,385	0.2728
16.75	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	4,116			
16.75	0.072	23.99	0.072	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	18,346			
16.75	0.084	23.99	0.084	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	14,818			
16.75	0.041	23.99	0.041	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	16,072			
16.75	0.007	23.99	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,235			
16.75	0.01	23.99	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,352			
16.75	0.239	23.99	0.239	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	37,475			
16.75	0.451	23.99	0.451	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	17,679			
16.75	0.006	23.99	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,969			
16.75	0.033	23.99	0.033	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,587			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	118,649	0.0514	511,736	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0381**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-01-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.011	7.75	0.011	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,616			
0.00	0.021	7.75	0.021	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,728			
0.00	0.034	7.75	0.034	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,420			
0.00	0.018	7.75	0.018	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,553			
0.00	0.013	7.75	0.013	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,455			
0.00	0.003	7.75	0.003	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	755			
0.00	0.34	7.75	0.34	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	57,068			
0.00	0.347	7.75	0.347	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	14,561			
0.00	0.007	7.75	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,957			
0.00	0.023	7.75	0.023	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,930			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	103,042	0.0417	700,266	0.1352
7.75	0.011	11.00	0.052	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,940			
7.75	0.021	11.00	0.061	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,690			
7.75	0.034	11.00	0.068	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,038			
7.75	0.018	11.00	0.062	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,039			
7.75	0.013	11.00	0.013	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,029			
7.75	0.003	11.00	0.011	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	739			
7.75	0.34	11.00	0.26	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	21,116			
7.75	0.347	11.00	0.367	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,282			
7.75	0.007	11.00	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,079			
7.75	0.023	11.00	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	880			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	49,832	0.0481	650,434	0.1570
11.00	0.052	13.75	0.035	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,267			
11.00	0.061	13.75	0.044	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,081			
11.00	0.068	13.75	0.052	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,020			
11.00	0.062	13.75	0.045	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,966			
11.00	0.013	13.75	0.024	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,240			
11.00	0.011	13.75	0.014	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,117			
11.00	0.26	13.75	0.353	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	18,255			
11.00	0.367	13.75	0.395	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,673			
11.00	0.007	13.75	0.011	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,261			
11.00	0.027	13.75	0.117	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,144			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	50,023	0.0571	600,410	0.1838
13.75	0.035	16.50	0.027	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,616			
13.75	0.044	16.50	0.046	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,355			
13.75	0.052	16.50	0.043	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,183			
13.75	0.045	16.50	0.037	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,105			
13.75	0.024	16.50	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,139			
13.75	0.014	16.50	0.007	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	938			
13.75	0.353	16.50	0.119	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	14,056			
13.75	0.395	16.50	0.228	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	4,638			
13.75	0.011	16.50	0.011	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,764			
13.75	0.117	16.50	0.358	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	7,073			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	45,866	0.0523	554,545	0.2319
16.50	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,832			
16.50	0.046	23.99	0.046	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	12,126			
16.50	0.043	23.99	0.043	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,847			
16.50	0.037	23.99	0.037	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	15,005			
16.50	0.01	23.99	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,825			
16.50	0.007	23.99	0.007	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,703			
16.50	0.119	23.99	0.119	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	19,304			
16.50	0.228	23.99	0.228	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	9,246			
16.50	0.011	23.99	0.011	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,528			
16.50	0.358	23.99	0.358	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	29,037			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	107,453	0.0450	447,092	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0466**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-02-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.023	7.75	0.023	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,378			
0.00	0.028	7.75	0.028	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,637			
0.00	0.035	7.75	0.035	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,609			
0.00	0.032	7.75	0.032	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	13,428			
0.00	0.015	7.75	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,832			
0.00	0.013	7.75	0.013	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	3,273			
0.00	0.201	7.75	0.201	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	33,737			
0.00	0.394	7.75	0.394	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	16,533			
0.00	0.006	7.75	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,249			
0.00	0.134	7.75	0.134	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	11,246			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	102,921	0.0417	700,386	0.1352
7.75	0.023	10.75	0.037	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,706			
7.75	0.028	10.75	0.058	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,540			
7.75	0.035	10.75	0.058	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,399			
7.75	0.032	10.75	0.078	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,934			
7.75	0.015	10.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	548			
7.75	0.013	10.75	0.014	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,316			
7.75	0.201	10.75	0.026	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	7,374			
7.75	0.394	10.75	0.361	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,132			
7.75	0.006	10.75	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,741			
7.75	0.134	10.75	0.313	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	7,261			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	43,950	0.0460	656,436	0.1554
10.75	0.037	13.75	0.037	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,103			
10.75	0.058	13.75	0.05	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,701			
10.75	0.058	13.75	0.065	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,495			
10.75	0.078	13.75	0.062	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	11,370			
10.75	0	13.75	0.019	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	694			
10.75	0.014	13.75	0.018	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,559			
10.75	0.026	13.75	0.226	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	8,187			
10.75	0.361	13.75	0.328	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,596			
10.75	0.014	13.75	0.012	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,563			
10.75	0.313	13.75	0.189	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	8,154			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	51,424	0.0538	605,012	0.1852
13.75	0.037	16.00	0.022	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,258			
13.75	0.05	16.00	0.032	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,247			
13.75	0.065	16.00	0.032	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,659			
13.75	0.062	16.00	0.038	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,091			
13.75	0.019	16.00	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	987			
13.75	0.018	16.00	0.016	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,243			
13.75	0.226	16.00	0.114	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	8,284			
13.75	0.328	16.00	0.317	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	3,929			
13.75	0.012	16.00	0.032	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,523			
13.75	0.189	16.00	0.36	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	6,688			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	38,908	0.0542	566,105	0.2220
16.00	0.022	23.99	0.022	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,331			
16.00	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	8,998			
16.00	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,230			
16.00	0.038	23.99	0.038	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	16,439			
16.00	0.017	23.99	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	3,309			
16.00	0.016	23.99	0.016	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	4,153			
16.00	0.114	23.99	0.114	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	19,727			
16.00	0.317	23.99	0.317	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	13,714			
16.00	0.032	23.99	0.032	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	23,361			
16.00	0.36	23.99	0.36	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	31,148			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	130,410	0.0512	435,694	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0481**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-03-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.014	8.00	0.014	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,122			
0.00	0.016	8.00	0.016	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,505			
0.00	0.014	8.00	0.014	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,729			
0.00	0.011	8.00	0.011	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,765			
0.00	0.017	8.00	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	3,314			
0.00	0.006	8.00	0.006	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,559			
0.00	0.123	8.00	0.123	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	21,311			
0.00	0.189	8.00	0.189	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	8,187			
0.00	0.01	8.00	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,309			
0.00	0.038	8.00	0.038	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,292			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	59,093	0.0232	744,215	0.1459
8.00	0.014	10.75	0.044	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,511			
8.00	0.016	10.75	0.08	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,646			
8.00	0.014	10.75	0.083	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,250			
8.00	0.011	10.75	0.063	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,509			
8.00	0.017	10.75	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	905			
8.00	0.006	10.75	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	715			
8.00	0.123	10.75	0.316	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	13,073			
8.00	0.189	10.75	0.547	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,479			
8.00	0.01	10.75	0.017	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,392			
8.00	0.038	10.75	0.206	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,633			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	42,112	0.0480	702,102	0.1662
10.75	0.044	13.75	0.035	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,246			
10.75	0.08	13.75	0.061	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,443			
10.75	0.083	13.75	0.054	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,007			
10.75	0.063	13.75	0.047	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,934			
10.75	0.01	13.75	0.018	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,023			
10.75	0.01	13.75	0.008	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	877			
10.75	0.316	13.75	0.204	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	16,893			
10.75	0.547	13.75	0.344	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	7,236			
10.75	0.017	13.75	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,563			
10.75	0.206	13.75	0.319	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	8,528			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	61,751	0.0646	640,352	0.1960
13.75	0.035	14.75	0.032	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	635			
13.75	0.061	14.75	0.091	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,675			
13.75	0.054	14.75	0.11	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,998			
13.75	0.047	14.75	0.058	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,843			
13.75	0.018	14.75	0.018	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	439			
13.75	0.008	14.75	0.008	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	260			
13.75	0.204	14.75	0.204	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	4,418			
13.75	0.344	14.75	0.344	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	1,863			
13.75	0.009	14.75	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	822			
13.75	0.319	14.75	0.319	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,454			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	19,406	0.0609	620,946	0.2106
14.75	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	5,603			
14.75	0.091	23.99	0.091	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	29,592			
14.75	0.11	23.99	0.11	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	24,764			
14.75	0.058	23.99	0.058	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	29,017			
14.75	0.018	23.99	0.018	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	4,052			
14.75	0.008	23.99	0.008	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,401			
14.75	0.204	23.99	0.204	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	40,824			
14.75	0.344	23.99	0.344	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	17,210			
14.75	0.009	23.99	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,598			
14.75	0.319	23.99	0.319	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	31,919			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	192,981	0.0655	427,965	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0491**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-06-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.01	8.00	0.01	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,516			
0.00	0.012	8.00	0.012	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,379			
0.00	0.014	8.00	0.014	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,729			
0.00	0.013	8.00	0.013	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,631			
0.00	0.005	8.00	0.005	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	975			
0.00	0.006	8.00	0.006	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,559			
0.00	0.016	8.00	0.016	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	2,772			
0.00	0.163	8.00	0.163	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	7,060			
0.00	0.005	8.00	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,655			
0.00	0.014	8.00	0.014	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,213			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	30,488	0.0120	772,819	0.1515
8.00	0.01	10.75	0.032	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,094			
8.00	0.012	10.75	0.029	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	1,984			
8.00	0.014	10.75	0.028	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,407			
8.00	0.013	10.75	0.025	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,829			
8.00	0.005	10.75	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	637			
8.00	0.006	10.75	0.011	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	759			
8.00	0.016	10.75	0.287	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	9,023			
8.00	0.163	10.75	0.548	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	5,293			
8.00	0.005	10.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,256			
8.00	0.014	10.75	0.071	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,266			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	25,549	0.0291	747,270	0.1769
10.75	0.032	13.75	0.007	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,109			
10.75	0.029	13.75	0.045	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,906			
10.75	0.028	13.75	0.057	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,107			
10.75	0.025	13.75	0.042	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,441			
10.75	0.014	13.75	0.02	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,243			
10.75	0.011	13.75	0.009	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	975			
10.75	0.287	13.75	0.238	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	17,055			
10.75	0.548	13.75	0.319	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	7,041			
10.75	0.005	13.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,371			
10.75	0.071	13.75	0.075	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,372			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	43,619	0.0456	703,651	0.2154
13.75	0.007	15.75	0.007	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	265			
13.75	0.045	15.75	0.045	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,167			
13.75	0.057	15.75	0.057	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,778			
13.75	0.042	15.75	0.042	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,548			
13.75	0.02	15.75	0.012	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	780			
13.75	0.009	15.75	0.009	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	585			
13.75	0.238	15.75	0.137	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	8,122			
13.75	0.319	15.75	0.147	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	2,523			
13.75	0.005	15.75	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,005			
13.75	0.075	15.75	0.075	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,624			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	25,397	0.0398	678,254	0.2579
15.75	0.007	23.99	0.007	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,093			
15.75	0.045	23.99	0.045	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	13,050			
15.75	0.057	23.99	0.057	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	11,444			
15.75	0.042	23.99	0.042	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	18,738			
15.75	0.012	23.99	0.012	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,409			
15.75	0.009	23.99	0.009	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,409			
15.75	0.137	23.99	0.137	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	24,449			
15.75	0.147	23.99	0.147	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,558			
15.75	0.006	23.99	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,517			
15.75	0.075	23.99	0.075	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	6,692			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	91,360	0.0348	586,895	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0283**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-07-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.008	8.00	0.008	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,213			
0.00	0.009	8.00	0.009	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,534			
0.00	0.011	8.00	0.011	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,144			
0.00	0.008	8.00	0.008	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	3,465			
0.00	0.008	8.00	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,559			
0.00	0.004	8.00	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,040			
0.00	0.055	8.00	0.055	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	9,529			
0.00	0.159	8.00	0.159	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	6,887			
0.00	0.009	8.00	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	6,578			
0.00	0.124	8.00	0.124	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	10,742			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	45,692	0.0179	757,615	0.1485
8.00	0.008	11.00	0.025	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	938			
8.00	0.009	11.00	0.02	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	1,531			
8.00	0.011	11.00	0.025	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,316			
8.00	0.008	11.00	0.021	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,355			
8.00	0.008	11.00	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	585			
8.00	0.004	11.00	0.012	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	780			
8.00	0.055	11.00	0.031	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	2,794			
8.00	0.159	11.00	0.169	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	2,664			
8.00	0.009	11.00	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,919			
8.00	0.124	11.00	0.216	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	5,523			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	20,403	0.0213	737,212	0.1779
11.00	0.025	13.50	0.018	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,019			
11.00	0.02	13.50	0.037	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,508			
11.00	0.025	13.50	0.062	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,650			
11.00	0.021	13.50	0.023	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,978			
11.00	0.008	13.50	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	700			
11.00	0.012	13.50	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	650			
11.00	0.031	13.50	0.039	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	1,895			
11.00	0.169	13.50	0.219	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	2,626			
11.00	0.005	13.50	0.002	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	799			
11.00	0.216	13.50	0.01	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,059			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	18,884	0.0237	718,328	0.2146
13.50	0.018	16.25	0.029	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,225			
13.50	0.037	16.25	0.028	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,145			
13.50	0.062	16.25	0.016	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,613			
13.50	0.023	16.25	0.035	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,318			
13.50	0.015	16.25	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,005			
13.50	0.004	16.25	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	357			
13.50	0.039	16.25	0.021	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	1,787			
13.50	0.219	16.25	0.196	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	3,090			
13.50	0.002	16.25	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	251			
13.50	0.01	16.25	0.109	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,772			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	19,563	0.0223	698,765	0.2828
16.25	0.029	23.99	0.029	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	4,254			
16.25	0.028	23.99	0.028	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,627			
16.25	0.016	23.99	0.016	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,017			
16.25	0.035	23.99	0.035	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	14,668			
16.25	0.015	23.99	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,829			
16.25	0.004	23.99	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,006			
16.25	0.021	23.99	0.021	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	3,520			
16.25	0.196	23.99	0.196	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	8,214			
16.25	0	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
16.25	0.109	23.99	0.109	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	9,136			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	54,270	0.0220	644,495	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0208**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-08-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.031	8.25	0.031	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	4,847			
0.00	0.05	8.25	0.05	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	14,517			
0.00	0.051	8.25	0.051	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,251			
0.00	0.048	8.25	0.048	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	21,441			
0.00	0.014	8.25	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,814			
0.00	0.011	8.25	0.011	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,948			
0.00	0.11	8.25	0.11	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	19,654			
0.00	0.337	8.25	0.337	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	15,053			
0.00	0.014	8.25	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	10,553			
0.00	0.244	8.25	0.244	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	21,798			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	123,878	0.0471	679,430	0.1353
8.25	0.031	11.00	0.038	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,798			
8.25	0.05	11.00	0.06	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,323			
8.25	0.051	11.00	0.068	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,987			
8.25	0.048	11.00	0.055	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,668			
8.25	0.014	11.00	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	670			
8.25	0.011	11.00	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	670			
8.25	0.11	11.00	0.021	Turbine #2 - El. 36		36 W	8	1,600	12,800	6.0160	3,901			
8.25	0.337	11.00	0.161	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	3,708			
8.25	0.014	11.00	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,387			
8.25	0.244	11.00	0.161	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	6,030			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	36,142	0.0412	643,288	0.1552
11.00	0.038	14.50	0.074	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,714			
11.00	0.06	14.50	0.224	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	17,491			
11.00	0.068	14.50	0.179	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,532			
11.00	0.055	14.50	0.165	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	20,845			
11.00	0.006	14.50	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	981			
11.00	0.004	14.50	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	227			
11.00	0.021	14.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
11.00	0.161	14.50	0.144	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	4,335			
11.00	0.005	14.50	0.015	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,198			
11.00	0.161	14.50	0.238	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	7,561			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	68,885	0.0656	526,648	0.1849
14.50	0.074	16.50	0.122	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,714			
14.50	0.224	16.50	0.197	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	14,817			
14.50	0.179	16.50	0.202	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	9,283			
14.50	0.165	16.50	0.144	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	16,730			
14.50	0.017	16.50	0.043	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,462			
14.50	0	16.50	0.013	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	422			
14.50	0	16.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
14.50	0.144	16.50	0.104	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	2,014			
14.50	0.015	16.50	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,284			
14.50	0.238	16.50	0.147	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	4,169			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	54,896	0.0915	471,752	0.2098
16.50	0.122	23.99	0.122	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	17,316			
16.50	0.197	23.99	0.197	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	51,929			
16.50	0.202	23.99	0.202	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	36,863			
16.50	0.144	23.99	0.144	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	58,398			
16.50	0.043	23.99	0.043	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	7,847			
16.50	0.013	23.99	0.013	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	3,163			
16.50	0	23.99	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
16.50	0.104	23.99	0.104	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	6,326			
16.50	0.01	23.99	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	6,843			
16.50	0.147	23.99	0.147	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	11,923			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	200,610	0.0893	271,143	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0673**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-09-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.035	7.75	0.035	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	5,140			
0.00	0.065	7.75	0.065	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	17,729			
0.00	0.067	7.75	0.067	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	12,651			
0.00	0.059	7.75	0.059	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	24,757			
0.00	0.028	7.75	0.028	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	5,287			
0.00	0.005	7.75	0.005	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,259			
0.00	0	7.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
0.00	0	7.75	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
0.00	0.003	7.75	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,124			
0.00	0.076	7.75	0.076	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	6,378			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	75,326	0.0324	680,226	0.1396
7.75	0.035	10.50	0.053	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,293			
7.75	0.065	10.50	0.074	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,726			
7.75	0.067	10.50	0.08	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,925			
7.75	0.059	10.50	0.084	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	10,646			
7.75	0.028	10.50	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,240			
7.75	0.005	10.50	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	223			
7.75	0	10.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
7.75	0	10.50	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
7.75	0.003	10.50	0.019	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,764			
7.75	0.076	10.50	0.5	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	8,576			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	37,393	0.0454	642,833	0.1588
10.50	0.053	13.75	0.071	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	3,819			
10.50	0.074	13.75	0.076	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	8,578			
10.50	0.08	13.75	0.079	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,295			
10.50	0.084	13.75	0.074	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	13,901			
10.50	0.009	13.75	0.046	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,178			
10.50	0	13.75	0.009	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	475			
10.50	0	13.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
10.50	0	13.75	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
10.50	0.019	13.75	0.022	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	6,087			
10.50	0.5	13.75	0.376	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	15,415			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	56,749	0.0582	586,084	0.1907
13.75	0.071	16.50	0.031	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,658			
13.75	0.076	16.50	0.069	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,017			
13.75	0.079	16.50	0.063	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,757			
13.75	0.074	16.50	0.064	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	10,274			
13.75	0.046	16.50	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,010			
13.75	0.009	16.50	0.012	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	938			
13.75	0	16.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
13.75	0	16.50	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
13.75	0.022	16.50	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,643			
13.75	0.376	16.50	0.081	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	6,805			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	38,102	0.0462	547,983	0.2437
16.50	0.031	23.99	0.031	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	4,400			
16.50	0.069	23.99	0.069	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	18,188			
16.50	0.063	23.99	0.063	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	11,497			
16.50	0.064	23.99	0.064	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	25,954			
16.50	0.014	23.99	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,555			
16.50	0.012	23.99	0.012	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,920			
16.50	0	23.99	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
16.50	0	23.99	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
16.50	0.007	23.99	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,790			
16.50	0.081	23.99	0.081	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	6,570			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	76,875	0.0342	471,108	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0395**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-10-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.018	7.75	0.018	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,644			
0.00	0.021	7.75	0.021	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,728			
0.00	0.027	7.75	0.027	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,098			
0.00	0.025	7.75	0.025	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	10,490			
0.00	0.016	7.75	0.016	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	3,021			
0.00	0.01	7.75	0.01	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	2,518			
0.00	0	7.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
0.00	0	7.75	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
0.00	0.008	7.75	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	5,665			
0.00	0.037	7.75	0.037	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,105			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	38,269	0.0165	717,283	0.1472
7.75	0.018	10.75	0.16	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	5,060			
7.75	0.021	10.75	0.222	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	12,828			
7.75	0.027	10.75	0.186	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,785			
7.75	0.025	10.75	0.221	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	19,979			
7.75	0.016	10.75	0.114	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	4,751			
7.75	0.01	10.75	0.012	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,072			
7.75	0	10.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
7.75	0	10.75	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
7.75	0.008	10.75	0.018	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,563			
7.75	0.037	10.75	0.344	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	6,189			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	61,227	0.0681	656,057	0.1651
10.75	0.16	13.50	0.074	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	6,097			
10.75	0.222	13.50	0.158	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	18,389			
10.75	0.186	13.50	0.139	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,888			
10.75	0.221	13.50	0.135	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	26,503			
10.75	0.114	13.50	0.053	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	5,595			
10.75	0.012	13.50	0.005	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	759			
10.75	0	13.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
10.75	0	13.50	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
10.75	0.018	13.50	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,141			
10.75	0.344	13.50	0.202	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	8,130			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	79,502	0.0964	576,555	0.1831
13.50	0.074	15.00	0.063	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	1,947			
13.50	0.158	15.00	0.092	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,599			
13.50	0.139	15.00	0.087	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,130			
13.50	0.135	15.00	0.082	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,812			
13.50	0.053	15.00	0.024	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,407			
13.50	0.005	15.00	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	219			
13.50	0	15.00	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
13.50	0	15.00	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
13.50	0.007	15.00	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,439			
13.50	0.202	15.00	0.135	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,737			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	27,290	0.0607	549,265	0.2036
15.00	0.063	23.99	0.063	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	10,733			
15.00	0.092	23.99	0.092	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	29,108			
15.00	0.087	23.99	0.087	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	19,056			
15.00	0.082	23.99	0.082	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	39,914			
15.00	0.024	23.99	0.024	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	5,257			
15.00	0.004	23.99	0.004	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	1,168			
15.00	0	23.99	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
15.00	0	23.99	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
15.00	0.014	23.99	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	11,500			
15.00	0.135	23.99	0.135	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	13,142			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	129,878	0.0482	419,386	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0467**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-13-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.038	6.75	0.038	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	4,861			
0.00	0.048	6.75	0.048	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	11,403			
0.00	0.062	6.75	0.062	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,197			
0.00	0.04	6.75	0.04	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	14,619			
0.00	0	6.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.75	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
0.00	0	6.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
0.00	0	6.75	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.005	6.75	0.005	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	365			
									0	0.0000	0			
Time Period Totals									177,200	83.2840	41,445	0.0205	714,108	0.1381
6.75	0.038	10.00	0.096	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	4,126			
6.75	0.048	10.00	0.149	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	11,266			
6.75	0.062	10.00	0.127	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,483			
6.75	0.04	10.00	0.119	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	13,989			
6.75	0	10.00	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	317			
6.75	0	10.00	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
6.75	0	10.00	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
6.75	0	10.00	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
6.75	0	10.00	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	594			
6.75	0.005	10.00	0.121	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,217			
									0	0.0000	0			
Time Period Totals									158,000	74.2600	39,993	0.0460	592,249	0.1582
10.00	0.096	13.75	0.06	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	5,543			
10.00	0.149	13.75	0.093	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	15,969			
10.00	0.127	13.75	0.096	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,188			
10.00	0.119	13.75	0.072	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	19,390			
10.00	0.008	13.75	0.011	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	868			
10.00	0	13.75	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
10.00	0	13.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
10.00	0	13.75	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
10.00	0.004	13.75	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,884			
10.00	0.121	13.75	0.056	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,594			
									0	0.0000	0			
Time Period Totals									158,000	74.2600	57,436	0.0573	534,813	0.1952
13.75	0.06	15.75	0.057	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	2,217			
13.75	0.093	15.75	0.088	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,370			
13.75	0.096	15.75	0.079	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,264			
13.75	0.072	15.75	0.086	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,555			
13.75	0.011	15.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	268			
13.75	0	15.75	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
13.75	0	15.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
13.75	0	15.75	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
13.75	0.007	15.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	640			
13.75	0.056	15.75	0.034	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	975			
									0	0.0000	0			
Time Period Totals									158,000	74.2600	23,288	0.0436	511,525	0.2319
15.75	0.057	23.99	0.057	Boiler #1& #2 - El. 89 to El. 59		59 SW	7	1,600	11,200	5.2640	8,901			
15.75	0.088	23.99	0.088	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	25,520			
15.75	0.079	23.99	0.079	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	15,861			
15.75	0.086	23.99	0.086	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	38,369			
15.75	0	23.99	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
15.75	0	23.99	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
15.75	0	23.99	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
15.75	0	23.99	0	Turbine #2 - El. 24		24 W	3	1,600	4,800	2.2560	0			
15.75	0	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
15.75	0.034	23.99	0.034	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,034			
									0	0.0000	0			
Time Period Totals									158,000	74.2600	91,683	0.0416	419,842	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0396**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-15-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.005	6.75	0.005	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	548			
0.00	0.027	6.75	0.027	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,414			
0.00	0.039	6.75	0.039	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,414			
0.00	0.007	6.75	0.007	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,558			
0.00	0	6.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.75	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
0.00	0	6.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
0.00	0	6.75	0	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	0			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.013	6.75	0.013	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,188			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	17,122	0.0085	731,608	0.1427
6.75	0.005	10.25	0.046	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,450			
6.75	0.027	10.25	0.078	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,467			
6.75	0.039	10.25	0.067	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,520			
6.75	0.007	10.25	0.063	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,633			
6.75	0	10.25	0.019	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	810			
6.75	0	10.25	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
6.75	0	10.25	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
6.75	0	10.25	0.024	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	227			
6.75	0	10.25	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,279			
6.75	0.013	10.25	0.014	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	640			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	22,025	0.0212	709,583	0.1737
10.25	0.046	13.75	0.044	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	2,558			
10.25	0.078	13.75	0.089	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	10,285			
10.25	0.067	13.75	0.068	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,756			
10.25	0.063	13.75	0.061	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	11,749			
10.25	0.019	13.75	0.005	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,023			
10.25	0	13.75	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
10.25	0	13.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
10.25	0.024	13.75	0.034	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	550			
10.25	0.008	13.75	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,759			
10.25	0.014	13.75	0.057	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,682			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	35,363	0.0340	674,220	0.2214
13.75	0.044	17.50	0.068	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,411			
13.75	0.089	17.50	0.133	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	14,649			
13.75	0.068	17.50	0.111	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	8,177			
13.75	0.061	17.50	0.084	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	14,720			
13.75	0.005	17.50	0.026	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,416			
13.75	0	17.50	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
13.75	0	17.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
13.75	0.034	17.50	0.036	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	711			
13.75	0.003	17.50	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,542			
13.75	0.057	17.50	0.026	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,107			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	46,733	0.0419	627,487	0.3249
17.50	0.068	23.99	0.068	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	7,168			
17.50	0.133	23.99	0.133	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	30,378			
17.50	0.111	23.99	0.111	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	17,552			
17.50	0.084	23.99	0.084	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	29,517			
17.50	0.026	23.99	0.026	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	4,111			
17.50	0	23.99	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
17.50	0	23.99	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
17.50	0.036	23.99	0.036	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	1,265			
17.50	0.006	23.99	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,558			
17.50	0.026	23.99	0.026	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,284			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	95,834	0.0497	531,653	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0304**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-16-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.014	6.75	0.014	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,535			
0.00	0.012	6.75	0.012	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,851			
0.00	0.016	6.75	0.016	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,631			
0.00	0.009	6.75	0.009	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	3,289			
0.00	0	6.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.75	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
0.00	0	6.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
0.00	0.021	6.75	0.021	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	767			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.012	6.75	0.012	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,096			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	12,170	0.0061	736,560	0.1437
6.75	0.014	9.75	0.041	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,340			
6.75	0.012	9.75	0.085	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,121			
6.75	0.016	9.75	0.086	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,728			
6.75	0.009	9.75	0.083	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,472			
6.75	0	9.75	0.018	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	658			
6.75	0	9.75	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
6.75	0	9.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
6.75	0.021	9.75	0.023	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	357			
6.75	0	9.75	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,371			
6.75	0.012	9.75	0.098	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,233			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	22,280	0.0250	714,281	0.1687
9.75	0.041	14.00	0.038	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	2,727			
9.75	0.085	14.00	0.062	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	10,994			
9.75	0.086	14.00	0.068	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,973			
9.75	0.083	14.00	0.078	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	18,524			
9.75	0.018	14.00	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	932			
9.75	0	14.00	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
9.75	0	14.00	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
9.75	0.023	14.00	0.012	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	403			
9.75	0.01	14.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,524			
9.75	0.098	14.00	0.136	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	6,731			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	50,807	0.0402	663,473	0.2233
14.00	0.038	17.75	0.067	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,198			
14.00	0.062	17.75	0.101	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	10,756			
14.00	0.068	17.75	0.109	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	8,086			
14.00	0.078	17.75	0.066	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	14,619			
14.00	0	17.75	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	320			
14.00	0	17.75	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
14.00	0	17.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
14.00	0.012	17.75	0.015	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	274			
14.00	0.003	17.75	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,199			
14.00	0.136	17.75	0.014	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	3,807			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	42,259	0.0379	621,214	0.3345
17.75	0.067	23.99	0.067	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	6,791			
17.75	0.101	23.99	0.101	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	22,180			
17.75	0.109	23.99	0.109	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	16,572			
17.75	0.066	23.99	0.066	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	22,299			
17.75	0.007	23.99	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,064			
17.75	0	23.99	0	Precipitator - El. 24		24 W	12	1,600	19,200	9.0240	0			
17.75	0	23.99	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
17.75	0.015	23.99	0.015	Turbine #2 - El. 24		24 W	2	1,600	3,200	1.5040	507			
17.75	0.004	23.99	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,281			
17.75	0.014	23.99	0.014	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,183			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	72,876	0.0393	548,338	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0281**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-17-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.01	6.75	0.01	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,096			
0.00	0.013	6.75	0.013	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,088			
0.00	0.016	6.75	0.016	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,631			
0.00	0.008	6.75	0.008	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,924			
0.00	0	6.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.75	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
0.00	0	6.75	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
0.00	0.006	6.75	0.006	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	219			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.01	6.75	0.01	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	914			
									0	0.0000	0			
Time Period Totals									156,400	73.5080	10,873	0.0061	655,992	0.1437
6.75	0.01	9.50	0.055	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,452			
6.75	0.013	9.50	0.099	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,420			
6.75	0.016	9.50	0.078	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,149			
6.75	0.008	9.50	0.073	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,030			
6.75	0	9.50	0.016	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	536			
6.75	0	9.50	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
6.75	0	9.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
6.75	0.006	9.50	0.009	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	112			
6.75	0	9.50	0.011	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,382			
6.75	0.01	9.50	0.139	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,773			
									0	0.0000	0			
Time Period Totals									156,400	73.5080	20,854	0.0287	635,138	0.1655
9.50	0.055	12.50	0.018	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,779			
9.50	0.099	12.50	0.019	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,229			
9.50	0.078	12.50	0.018	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,509			
9.50	0.073	12.50	0.013	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,985			
9.50	0.016	12.50	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	694			
9.50	0	12.50	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
9.50	0	12.50	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
9.50	0.009	12.50	0.01	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	154			
9.50	0.011	12.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,193			
9.50	0.139	12.50	0.045	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	3,736			
									0	0.0000	0			
Time Period Totals									156,400	73.5080	25,278	0.0318	609,859	0.2004
12.50	0.018	14.00	0.032	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	609			
12.50	0.019	14.00	0.031	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	1,320			
12.50	0.018	14.00	0.034	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	950			
12.50	0.013	14.00	0	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	528			
12.50	0.003	14.00	0.011	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	256			
12.50	0	14.00	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
12.50	0	14.00	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
12.50	0.01	14.00	0.016	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	106			
12.50	0.005	14.00	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	891			
12.50	0.045	14.00	0.15	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,980			
									0	0.0000	0			
Time Period Totals									156,400	73.5080	6,639	0.0167	603,221	0.2279
14.00	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	5,193			
14.00	0.031	23.99	0.031	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	10,899			
14.00	0.034	23.99	0.034	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	8,276			
14.00	0	23.99	0	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	0			
14.00	0.011	23.99	0.011	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,677			
14.00	0	23.99	0	Precipitator - El. 24		24 W	0	1,600	0	0.0000	0			
14.00	0	23.99	0	Turbine #2 - El. 36		36 W	0	1,600	0	0.0000	0			
14.00	0.016	23.99	0.016	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	865			
14.00	0.008	23.99	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,302			
14.00	0.15	23.99	0.15	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	20,284			
									0	0.0000	0			
Time Period Totals									156,400	73.5080	55,496	0.0210	547,724	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0188**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-20-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.037	6.75	0.037	Boiler #1& #2 - El. 89 to El. 59	59	SW	6	1,600	9,600	4.5120	4,057			
0.00	0.108	6.75	0.108	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	25,656			
0.00	0.169	6.75	0.169	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	27,794			
0.00	0.067	6.75	0.067	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	24,487			
0.00	0.011	6.75	0.011	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	12	1,600	19,200	9.0240	2,412			
0.00	0	6.75	0	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	0			
0.00	0	6.75	0	Turbine #2 - El. 36	36	W	0	1,600	0	0.0000	0			
0.00	0	6.75	0	Pipe Insulation Containment - El. 24	24	W	2	1,600	3,200	1.5040	0			
0.00	0.003	6.75	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,850			
0.00	0.024	6.75	0.024	Turbine #1 - El. 36	36		5	1,600	8,000	3.7600	2,193			
									0	0.0000	0			
Time Period Totals									175,600	82.5320	88,449	0.0441	660,282	0.1288
6.75	0.037	9.75	0.061	Boiler #1& #2 - El. 89 to El. 59	59	SW	6	1,600	9,600	4.5120	2,388			
6.75	0.108	9.75	0.076	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	9,713			
6.75	0.169	9.75	0.067	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	8,625			
6.75	0.067	9.75	0.054	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	9,827			
6.75	0.011	9.75	0.036	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	14	1,600	22,400	10.5280	2,672			
6.75	0	9.75	0.053	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,937			
6.75	0	9.75	0	Turbine #2 - El. 36	36	W	0	1,600	0	0.0000	0			
6.75	0	9.75	0.009	Pipe Insulation Containment - El. 24	24	W	2	1,600	3,200	1.5040	73			
6.75	0.003	9.75	0.011	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,919			
6.75	0.024	9.75	0.122	Turbine #1 - El. 36	36		5	1,600	8,000	3.7600	2,964			
									0	0.0000	0			
Time Period Totals									178,800	84.0360	40,119	0.0442	633,807	0.1470
9.75	0.061	13.75	0.036	Boiler #1& #2 - El. 89 to El. 59	59	SW	6	1,600	9,600	4.5120	3,151			
9.75	0.076	13.75	0.094	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	11,966			
9.75	0.067	13.75	0.089	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,602			
9.75	0.054	13.75	0.259	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	33,894			
9.75	0.036	13.75	0.043	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	6,844			
9.75	0.053	13.75	0.06	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	5,506			
9.75	0	13.75	0	Turbine #2 - El. 36	36	W	0	1,600	0	0.0000	0			
9.75	0.009	13.75	0	Pipe Insulation Containment - El. 24	24	W	0	1,600	0	0.0000	0			
9.75	0.011	13.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,924			
9.75	0.122	13.75	0.114	Turbine #1 - El. 36	36		5	1,600	8,000	3.7600	6,389			
									0	0.0000	0			
Time Period Totals									178,800	84.0360	78,276	0.0647	555,531	0.1791
13.75	0.036	15.75	0.067	Boiler #1& #2 - El. 89 to El. 59	59	SW	6	1,600	9,600	4.5120	1,673			
13.75	0.094	15.75	0.003	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	3,414			
13.75	0.089	15.75	0.043	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,216			
13.75	0.259	15.75	0.042	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	16,297			
13.75	0.043	15.75	0.028	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	3,075			
13.75	0.06	15.75	0.022	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	1,998			
13.75	0	15.75	0	Turbine #2 - El. 36	36	W	0	1,600	0	0.0000	0			
13.75	0	15.75	0	Pipe Insulation Containment - El. 24	24	W	0	1,600	0	0.0000	0			
13.75	0.005	15.75	0.013	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,645			
13.75	0.114	15.75	0.114	Turbine #1 - El. 36	36		5	1,600	8,000	3.7600	3,086			
									0	0.0000	0			
Time Period Totals									178,800	84.0360	34,404	0.0569	521,127	0.2088
15.75	0.067	23.99	0.067	Boiler #1& #2 - El. 89 to El. 59	59	SW	6	1,600	9,600	4.5120	8,968			
15.75	0.003	23.99	0.003	Boiler #1& #2 - El. 89 to El. 59	59	W	13	1,600	20,800	9.7760	870			
15.75	0.043	23.99	0.043	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	8,633			
15.75	0.042	23.99	0.042	Boiler #1& #2 - El. 89 to El. 59	82	E	20	1,600	32,000	15.0400	18,738			
15.75	0.028	23.99	0.028	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	9,994			
15.75	0.022	23.99	0.022	Coal Bunker Containment	59	N	9	1,600	14,400	6.7680	4,417			
15.75	0	23.99	0	Turbine #2 - El. 36	36	W	0	1,600	0	0.0000	0			
15.75	0	23.99	0	Pipe Insulation Containment - El. 24	24	W	2	1,600	3,200	1.5040	0			
15.75	0.013	23.99	0.013	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	9,787			
15.75	0.114	23.99	0.114	Turbine #1 - El. 36	36		5	1,600	8,000	3.7600	12,715			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	74,122	0.0292	460,649	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0427**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-21-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.016	6.75	0.016	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,754			
0.00	0.017	6.75	0.017	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,038			
0.00	0.014	6.75	0.014	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,302			
0.00	0.014	6.75	0.014	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,117			
0.00	0.014	6.75	0.014	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	4,093			
0.00	0.01	6.75	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,645			
0.00	0	6.75	0	South Flue Gas Duct - El 95		95 W	0	1,600	0	0.0000	0			
0.00	0.015	6.75	0.015	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	548			
0.00	0.004	6.75	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,467			
0.00	0.03	6.75	0.03	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,741			
									0	0.0000	0			
Time Period Totals									182,000	85.5400	24,706	0.0119	751,313	0.1414
6.75	0.016	10.75	0.044	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,949			
6.75	0.017	10.75	0.071	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,194			
6.75	0.014	10.75	0.053	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,265			
6.75	0.014	10.75	0.042	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,064			
6.75	0.014	10.75	0.055	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	5,977			
6.75	0.01	10.75	0.058	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	3,314			
6.75	0	10.75	0.022	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	715			
6.75	0.015	10.75	0.045	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	650			
6.75	0.004	10.75	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,289			
6.75	0.03	10.75	0.241	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	7,337			
									0	0.0000	0			
Time Period Totals									191,600	90.0520	38,754	0.0299	753,492	0.1754
10.75	0.044	14.75	0.047	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	2,956			
10.75	0.071	14.75	0.05	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	8,517			
10.75	0.053	14.75	0.065	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,750			
10.75	0.042	14.75	0.04	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	8,880			
10.75	0.055	14.75	0.06	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	9,962			
10.75	0.058	14.75	0.023	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	3,947			
10.75	0.022	14.75	0.007	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	942			
10.75	0.045	14.75	0.022	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	1,451			
10.75	0.014	14.75	0.017	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	5,665			
10.75	0.241	14.75	0.224	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	12,588			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	60,659	0.0460	706,478	0.2317
14.75	0.047	17.75	0.032	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,925			
14.75	0.05	17.75	0.021	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,748			
14.75	0.065	17.75	0.03	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,472			
14.75	0.04	17.75	0.027	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,441			
14.75	0.06	17.75	0.043	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	6,692			
14.75	0.023	17.75	0.029	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,900			
14.75	0.007	17.75	0.007	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	341			
14.75	0.022	17.75	0.014	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	585			
14.75	0.017	17.75	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,249			
14.75	0.224	17.75	0.067	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	5,908			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	34,262	0.0346	672,216	0.3263
17.75	0.032	23.99	0.032	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,243			
17.75	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,612			
17.75	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,561			
17.75	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	9,122			
17.75	0.043	23.99	0.043	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	11,622			
17.75	0.029	23.99	0.029	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	4,409			
17.75	0.007	23.99	0.007	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	710			
17.75	0.014	23.99	0.014	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	946			
17.75	0.014	23.99	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,982			
17.75	0.067	23.99	0.067	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	5,659			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	52,866	0.0257	619,349	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0267**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-22-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.039	7.00	0.039	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	4,434			
0.00	0.042	7.00	0.042	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	10,347			
0.00	0.039	7.00	0.039	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,652			
0.00	0.041	7.00	0.041	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	15,539			
0.00	0.014	7.00	0.014	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	4,245			
0.00	0.008	7.00	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,364			
0.00	0.003	7.00	0.003	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	910			
0.00	0.005	7.00	0.005	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	190			
0.00	0	7.00	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.037	7.00	0.037	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	3,506			
									0	0.0000	0			
Time Period Totals									207,600	97.5720	47,186	0.0192	837,987	0.1403
7.00	0.039	9.75	0.044	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,854			
7.00	0.042	9.75	0.049	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,404			
7.00	0.039	9.75	0.048	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,915			
7.00	0.041	9.75	0.053	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	6,998			
7.00	0.014	9.75	0.035	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	2,918			
7.00	0.008	9.75	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	771			
7.00	0.003	9.75	0.015	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	402			
7.00	0.005	9.75	0.045	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	372			
7.00	0	9.75	0.025	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,141			
7.00	0.037	9.75	0.08	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,178			
									0	0.0000	0			
Time Period Totals									191,600	90.0520	25,952	0.0291	743,814	0.1610
9.75	0.044	12.75	0.033	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,876			
9.75	0.049	12.75	0.047	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,068			
9.75	0.048	12.75	0.035	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,033			
9.75	0.053	12.75	0.042	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	7,716			
9.75	0.035	12.75	0.017	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	3,379			
9.75	0.015	12.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	548			
9.75	0.015	12.75	0	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	365			
9.75	0.045	12.75	0.016	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	991			
9.75	0.025	12.75	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,386			
9.75	0.08	12.75	0.017	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,969			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	29,331	0.0297	728,127	0.1964
12.75	0.033	14.50	0.023	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	796			
12.75	0.047	14.50	0.021	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,094			
12.75	0.035	14.50	0.021	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,194			
12.75	0.042	14.50	0.021	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,985			
12.75	0.017	14.50	0.022	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	1,478			
12.75	0	14.50	0.023	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	490			
12.75	0	14.50	0.003	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	43			
12.75	0.016	14.50	0.021	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	351			
12.75	0.007	14.50	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,279			
12.75	0.017	14.50	0.019	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	426			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	11,136	0.0193	716,991	0.2290
14.50	0.023	23.99	0.023	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,545			
14.50	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,014			
14.50	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,856			
14.50	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	10,790			
14.50	0.022	23.99	0.022	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	9,043			
14.50	0.023	23.99	0.023	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	5,318			
14.50	0.003	23.99	0.003	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	462			
14.50	0.021	23.99	0.021	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	2,158			
14.50	0.009	23.99	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,804			
14.50	0.019	23.99	0.019	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,441			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	53,432	0.0171	663,559	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0211**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-23-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.044	7.00	0.044	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	5,003			
0.00	0.057	7.00	0.057	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	14,042			
0.00	0.043	7.00	0.043	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	7,334			
0.00	0.053	7.00	0.053	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	20,087			
0.00	0	7.00	0	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	0			
0.00	0	7.00	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0.003	7.00	0.003	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	910			
0.00	0.005	7.00	0.005	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	190			
0.00	0	7.00	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0	7.00	0	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	0			
									0	0.0000	0			
Time Period Totals									207,600	97.5720	47,566	0.0193	837,608	0.1403
7.00	0.044	10.00	0.1	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,509			
7.00	0.057	10.00	0.103	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	8,446			
7.00	0.043	10.00	0.116	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,811			
7.00	0.053	10.00	0.128	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	14,700			
7.00	0	10.00	0.034	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	2,209			
7.00	0	10.00	0.033	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,206			
7.00	0.003	10.00	0	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	73			
7.00	0.005	10.00	0.057	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	504			
7.00	0	10.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	411			
7.00	0	10.00	0.034	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	690			
									0	0.0000	0			
Time Period Totals									191,600	90.0520	37,559	0.0386	731,827	0.1612
10.00	0.1	13.75	0.099	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	6,061			
10.00	0.103	13.75	0.117	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	14,517			
10.00	0.116	13.75	0.111	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,370			
10.00	0.128	13.75	0.108	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	23,959			
10.00	0.034	13.75	0.031	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	5,279			
10.00	0.033	13.75	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,645			
10.00	0	13.75	0	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	0			
10.00	0.057	13.75	0.005	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	1,259			
10.00	0.003	13.75	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,713			
10.00	0.034	13.75	0.101	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	3,426			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	68,229	0.0552	677,242	0.2005
13.75	0.099	17.50	0.013	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,411			
13.75	0.117	17.50	0.01	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	8,380			
13.75	0.111	17.50	0	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,071			
13.75	0.108	17.50	0	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	10,964			
13.75	0.031	17.50	0.013	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	3,574			
13.75	0.003	17.50	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	137			
13.75	0	17.50	0	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	0			
13.75	0.005	17.50	0	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	102			
13.75	0.007	17.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,199			
13.75	0.101	17.50	0.027	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	3,249			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	36,087	0.0292	641,156	0.2993
17.50	0.013	23.99	0.013	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,370			
17.50	0.01	23.99	0.01	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,284			
17.50	0	23.99	0	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	0			
17.50	0	23.99	0	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	0			
17.50	0.013	23.99	0.013	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	3,655			
17.50	0	23.99	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
17.50	0	23.99	0	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	0			
17.50	0	23.99	0	Pipe Insulation Containment - El. 24		24 W	4	1,600	6,400	3.0080	0			
17.50	0	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
17.50	0.027	23.99	0.027	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,372			
									0	0.0000	0			
Time Period Totals									194,800	91.5560	9,681	0.0045	631,475	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0252**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-24-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.008	6.50	0.008	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	845			
0.00	0.013	6.50	0.013	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,974			
0.00	0.008	6.50	0.008	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,267			
0.00	0.007	6.50	0.007	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,464			
0.00	0.014	6.50	0.014	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	3,942			
0.00	0.003	6.50	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	475			
0.00	0	6.50	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
0.00	0.005	6.50	0.005	Pipe Insulation Containment - El. 24		24 W	2	1,600	3,200	1.5040	176			
0.00	0.003	6.50	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,782			
0.00	0.02	6.50	0.02	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,760			
									0	0.0000	0			
Time Period Totals									207,600	97.5720	15,683	0.0069	869,490	0.1414
6.50	0.008	9.75	0.021	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	765			
6.50	0.013	9.75	0.022	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,002			
6.50	0.008	9.75	0.019	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,069			
6.50	0.007	9.75	0.013	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	1,760			
6.50	0.014	9.75	0.017	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	2,182			
6.50	0.003	9.75	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	436			
6.50	0	9.75	0	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	0			
6.50	0.005	9.75	0	Pipe Insulation Containment - El. 24		24 W	0	1,600	0	0.0000	0			
6.50	0.003	9.75	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,039			
6.50	0.02	9.75	0.166	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	4,091			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	13,344	0.0129	774,280	0.1705
9.75	0.021	13.00	0.012	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	871			
9.75	0.022	13.00	0.016	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,173			
9.75	0.019	13.00	0.017	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,425			
9.75	0.013	13.00	0.004	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	1,496			
9.75	0.017	13.00	0.009	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	1,830			
9.75	0.008	13.00	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	554			
9.75	0	13.00	0.004	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	106			
9.75	0.005	13.00	0	Pipe Insulation Containment - El. 24		24 W	0	1,600	0	0.0000	0			
9.75	0.004	13.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,039			
9.75	0.166	13.00	0.046	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	4,663			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	14,158	0.0137	760,123	0.2168
13.00	0.012	13.01	0.012	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	2			
13.00	0.016	13.01	0.016	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6			
13.00	0.017	13.01	0.017	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4			
13.00	0.004	13.01	0.004	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2			
13.00	0.009	13.01	0.009	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	4			
13.00	0.006	13.01	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1			
13.00	0.004	13.01	0.004	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	1			
13.00	0	13.01	0	Pipe Insulation Containment - El. 24		24 W	0	1,600	0	0.0000	0			
13.00	0.003	13.01	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3			
13.00	0.046	13.01	0.046	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	6			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	29	0.0091	760,094	0.2170
13.01	0.012	23.99	0.012	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	2,140			
13.01	0.016	23.99	0.016	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,183			
13.01	0.017	23.99	0.017	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,548			
13.01	0.004	23.99	0.004	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,378			
13.01	0.009	23.99	0.009	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	16	1,600	25,600	12.0320	4,280			
13.01	0.006	23.99	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,605			
13.01	0.004	23.99	0.004	South Flue Gas Duct - El 95		95 W	6	1,600	9,600	4.5120	713			
13.01	0	23.99	0	Pipe Insulation Containment - El. 24		24 W	0	1,600	0	0.0000	0			
13.01	0.003	23.99	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,010			
13.01	0.046	23.99	0.046	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	6,837			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	31,694	0.0091	728,400	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0098**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-27-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.008	6.50	0.008	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	845			
0.00	0.011	6.50	0.011	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,516			
0.00	0.012	6.50	0.012	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,900			
0.00	0.007	6.50	0.007	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,464			
0.00	0.008	6.50	0.008	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	3,097			
0.00	0	6.50	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.50	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
0.00	0	6.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.025	6.50	0.025	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,200			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									214,000	100.5800	13,022	0.0055	899,440	0.1419
6.50	0.008	9.75	0.058	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,742			
6.50	0.011	9.75	0.11	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,920			
6.50	0.012	9.75	0.085	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,841			
6.50	0.007	9.75	0.11	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	10,294			
6.50	0.008	9.75	0.03	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	3,678			
6.50	0	9.75	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	356			
6.50	0	9.75	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
6.50	0	9.75	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	594			
6.50	0.025	9.75	0.187	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	4,663			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									214,000	100.5800	32,088	0.0273	867,352	0.1681
9.75	0.058	13.75	0.078	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	4,418			
9.75	0.11	13.75	0.128	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	16,752			
9.75	0.085	13.75	0.11	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	9,502			
9.75	0.11	13.75	0.115	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	24,365			
9.75	0.03	13.75	0.038	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,100			
9.75	0.009	13.75	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,121			
9.75	0	13.75	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
9.75	0.004	13.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,645			
9.75	0.187	13.75	0.185	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	10,071			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									214,000	100.5800	75,974	0.0525	791,379	0.2132
13.75	0.078	16.00	0.04	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	2,156			
13.75	0.128	16.00	0.052	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,127			
13.75	0.11	16.00	0.051	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,413			
13.75	0.115	16.00	0.058	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	10,538			
13.75	0.038	16.00	0.038	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,092			
13.75	0.014	16.00	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	548			
13.75	0	16.00	0.004	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	195			
13.75	0.005	16.00	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,233			
13.75	0.185	16.00	0.094	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	4,249			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									214,000	100.5800	35,551	0.0436	755,828	0.2609
16.00	0.04	23.99	0.04	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	5,191			
16.00	0.052	23.99	0.052	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	14,622			
16.00	0.051	23.99	0.051	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	9,928			
16.00	0.058	23.99	0.058	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	25,091			
16.00	0.038	23.99	0.038	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	18,083			
16.00	0.006	23.99	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,168			
16.00	0.004	23.99	0.004	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	1,384			
16.00	0.007	23.99	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	5,110			
16.00	0.094	23.99	0.094	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	10,166			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									214,000	100.5800	90,745	0.0314	665,082	

24 HR. ACTUAL COMPLIANCE TOTAL	**0.028S**
24 HR. COMPLIANCE STANDARD	**0.10S**
	IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-28-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.011	6.75	0.011	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,206			
0.00	0.01	6.75	0.01	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,376			
0.00	0.009	6.75	0.009	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,480			
0.00	0.016	6.75	0.016	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,848			
0.00	0.01	6.75	0.01	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	4,020			
0.00	0	6.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.75	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.044	6.75	0.044	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	4,020			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									214,000	100.5800	18,950	0.0078	893,512	0.1431
6.75	0.011	10.50	0.09	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,076			
6.75	0.01	10.50	0.169	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	11,812			
6.75	0.009	10.50	0.141	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,853			
6.75	0.016	10.50	0.157	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	17,563			
6.75	0.01	10.50	0.047	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	6,365			
6.75	0	10.50	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	365			
6.75	0	10.50	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
6.75	0	10.50	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	514			
6.75	0.044	10.50	0.035	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,005			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									214,000	100.5800	48,553	0.0358	844,959	0.1729
10.50	0.09	14.00	0.125	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	6,112			
10.50	0.169	14.00	0.214	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	23,589			
10.50	0.141	14.00	0.186	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	13,943			
10.50	0.157	14.00	0.165	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	30,510			
10.50	0.047	14.00	0.043	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	9,380			
10.50	0.008	14.00	0.011	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	810			
10.50	0	14.00	0	South Flue Gas Duct - El 95		95 W	0	1,600	0	0.0000	0			
10.50	0.003	14.00	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	480			
10.50	0.035	14.00	0.033	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,611			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	86,434	0.0775	649,371	0.2037
14.00	0.125	17.50	0.148	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	7,760			
14.00	0.214	17.50	0.165	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	23,342			
14.00	0.186	17.50	0.187	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	15,904			
14.00	0.165	17.50	0.193	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	33,921			
14.00	0.043	17.50	0.042	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,859			
14.00	0.011	17.50	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	767			
14.00	0	17.50	0	South Flue Gas Duct - El 95		95 W	0	1,600	0	0.0000	0			
14.00	0	17.50	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,279			
14.00	0.033	17.50	0.032	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,540			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	93,373	0.0837	555,997	0.2683
17.50	0.148	23.99	0.148	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	15,602			
17.50	0.165	23.99	0.165	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	37,687			
17.50	0.187	23.99	0.187	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	29,570			
17.50	0.193	23.99	0.193	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	67,819			
17.50	0.042	23.99	0.042	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	16,234			
17.50	0.007	23.99	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,107			
17.50	0	23.99	0	South Flue Gas Duct - El 95		95 W	0	1,600	0	0.0000	0			
17.50	0.008	23.99	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,744			
17.50	0.032	23.99	0.032	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,811			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	175,574	0.0849	380,423	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0553**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-29-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.016	6.50	0.016	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,689			
0.00	0.016	6.50	0.016	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,660			
0.00	0.017	6.50	0.017	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,692			
0.00	0.012	6.50	0.012	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,223			
0.00	0.013	6.50	0.013	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,033			
0.00	0	6.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0	6.50	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
0.00	0	6.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.032	6.50	0.032	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,815			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									199,600	93.8120	20,113	0.0092	830,949	0.1406
6.50	0.016	10.50	0.027	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,397			
6.50	0.016	10.50	0.042	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,082			
6.50	0.017	10.50	0.048	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,167			
6.50	0.012	10.50	0.034	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,981			
6.50	0.013	10.50	0.033	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,479			
6.50	0	10.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
6.50	0	10.50	0	South Flue Gas Duct - El 95		95 W	16	1,600	25,600	12.0320	0			
6.50	0	10.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
6.50	0.032	10.50	0.036	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,841			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									199,600	93.8120	20,948	0.0155	810,001	0.1777
10.50	0.027	14.00	0.02	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,336			
10.50	0.042	14.00	0.025	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	4,126			
10.50	0.048	14.00	0.025	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,113			
10.50	0.034	14.00	0.025	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	5,590			
10.50	0.033	14.00	0.035	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	7,087			
10.50	0	14.00	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	128			
10.50	0	14.00	0	South Flue Gas Duct - El 95		95 W	0	1,600	0	0.0000	0			
10.50	0	14.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	480			
10.50	0.036	14.00	0.048	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,990			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	23,850	0.0214	738,396	0.2316
14.00	0.02	17.50	0.046	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,876			
14.00	0.025	17.50	0.059	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	5,173			
14.00	0.025	17.50	0.074	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,221			
14.00	0.025	17.50	0.077	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	9,665			
14.00	0.035	17.50	0.046	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,442			
14.00	0.003	17.50	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	512			
14.00	0	17.50	0	South Flue Gas Duct - El 95		95 W	0	1,600	0	0.0000	0			
14.00	0.003	17.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,279			
14.00	0.048	17.50	0.046	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,227			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	33,395	0.0299	705,000	0.3402
17.50	0.046	23.99	0.046	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	4,849			
17.50	0.059	23.99	0.059	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	13,476			
17.50	0.074	23.99	0.074	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	11,701			
17.50	0.077	23.99	0.077	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	27,057			
17.50	0.046	23.99	0.046	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	17,781			
17.50	0.009	23.99	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,423			
17.50	0	23.99	0	South Flue Gas Duct - El 95		95 W	0	1,600	0	0.0000	0			
17.50	0.005	23.99	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,965			
17.50	0.046	23.99	0.046	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	4,041			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	83,294	0.0403	621,707	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0237**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-30-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC. (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.017	6.50	0.017	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,795			
0.00	0.017	6.50	0.017	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,889			
0.00	0.022	6.50	0.022	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	3,484			
0.00	0.014	6.50	0.014	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,927			
0.00	0.021	6.50	0.021	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,130			
0.00	0.005	6.50	0.005	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0	6.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.033	6.50	0.033	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,903			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									174,000	81.7800	25,128	0.0131	716,780	0.1391
6.50	0.017	10.50	0.017	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,105			
6.50	0.017	10.50	0.018	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,464			
6.50	0.022	10.50	0.016	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,852			
6.50	0.014	10.50	0.016	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	3,249			
6.50	0.021	10.50	0.044	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	7,743			
6.50	0.005	10.50	0.006	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
6.50	0	10.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	914			
6.50	0.033	10.50	0.054	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,355			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									174,000	81.7800	19,680	0.0167	697,100	0.1754
10.50	0.017	14.25	0.017	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,036			
10.50	0.018	14.25	0.017	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,310			
10.50	0.016	14.25	0.021	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,690			
10.50	0.016	14.25	0.014	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	3,046			
10.50	0.044	14.25	0.034	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,710			
10.50	0.006	14.25	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	731			
10.50	0.005	14.25	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,398			
10.50	0.054	14.25	0.054	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,741			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	22,662	0.0190	735,837	0.2368
14.25	0.017	17.25	0.015	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	780			
14.25	0.017	17.25	0.015	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	1,689			
14.25	0.021	17.25	0.013	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,243			
14.25	0.014	17.25	0.012	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	2,112			
14.25	0.034	17.25	0.03	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,718			
14.25	0.01	17.25	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	512			
14.25	0.009	17.25	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,233			
14.25	0.054	17.25	0.022	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,543			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	14,829	0.0155	721,008	0.3351
17.25	0.015	23.99	0.015	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,642			
17.25	0.015	23.99	0.015	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	3,558			
17.25	0.013	23.99	0.013	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	2,135			
17.25	0.012	23.99	0.012	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	4,379			
17.25	0.03	23.99	0.03	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	12,043			
17.25	0.004	23.99	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	657			
17.25	0	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
17.25	0.022	23.99	0.022	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,007			
									0	0.0000	0			
									0	0.0000	0			
									0	0.0000	0			
Time Period Totals									188,400	88.5480	26,421	0.0123	694,587	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0142**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 03-30-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.012	6.75	0.012	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	1,316			
0.00	0.011	6.75	0.011	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	2,613			
0.00	0.012	6.75	0.012	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	1,974			
0.00	0.01	6.75	0.01	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	3,655			
0.00	0.024	6.75	0.024	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	9,648			
0.00	0.008	6.75	0.008	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.022	6.75	0.022	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,010			
0.00	0.014	6.75	0.014	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,023			
0.00	0.043	6.75	0.043	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,572			
0.00	0.009	6.75	0.009	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	987			
Time Period Totals									193,200	90.8040	24,797	0.0112	798,977	0.1417
6.75	0.012	9.50	0.152	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,663			
6.75	0.011	9.50	0.157	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	8,130			
6.75	0.012	9.50	0.157	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,662			
6.75	0.01	9.50	0.155	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	12,284			
6.75	0.024	9.50	0.04	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,241			
6.75	0.008	9.50	0.019	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
6.75	0	9.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	628			
6.75	0.022	9.50	0.093	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	2,140			
6.75	0.014	9.50	0.025	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	581			
6.75	0.043	9.50	0.05	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	692			
6.75	0.009	9.50	0.017	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	581			
Time Period Totals									193,200	90.8040	39,602	0.0441	759,375	0.1602
9.50	0.152	11.75	0.037	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,454			
9.50	0.157	11.75	0.033	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,523			
9.50	0.157	11.75	0.034	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,235			
9.50	0.155	11.75	0.036	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	11,634			
9.50	0.04	11.75	0.031	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	4,757			
9.50	0.019	11.75	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	740			
9.50	0.005	11.75	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	925			
9.50	0.093	11.75	0.036	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,964			
9.50	0.025	11.75	0.01	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	426			
9.50	0.05	11.75	0.066	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	707			
9.50	0.017	11.75	0.015	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	585			
Time Period Totals									207,600	97.5720	37,950	0.0480	782,824	0.1819
11.75	0.037	13.50	0.2	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,368			
11.75	0.033	13.50	0.187	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	6,775			
11.75	0.034	13.50	0.191	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,797			
11.75	0.036	13.50	0.337	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	17,671			
11.75	0.031	13.50	0.043	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	3,856			
11.75	0.008	13.50	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	256			
11.75	0.004	13.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	720			
11.75	0.036	13.50	0.046	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	971			
11.75	0.01	13.50	0.047	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	540			
11.75	0.066	13.50	0.092	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	749			
11.75	0.015	13.50	0.029	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	625			
Time Period Totals									207,600	97.5720	40,328	0.0656	742,496	0.2013
13.50	0.2	23.99	0.2	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	34,078			
13.50	0.187	23.99	0.187	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	69,037			
13.50	0.191	23.99	0.191	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	48,817			
13.50	0.337	23.99	0.337	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	191,406			
13.50	0.043	23.99	0.043	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	26,865			
13.50	0.004	23.99	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,022			
13.50	0.005	23.99	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,792			
13.50	0.046	23.99	0.046	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	6,532			
13.50	0.047	23.99	0.047	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,339			
13.50	0.092	23.99	0.092	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	5,225			
13.50	0.029	23.99	0.029	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	4,941			
Time Period Totals									207,600	97.5720	398,055	0.1080	344,440	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0641**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-03-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.012	6.75	0.012	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	1,316			
0.00	0.011	6.75	0.011	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	2,613			
0.00	0.016	6.75	0.016	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	2,631			
0.00	0.01	6.75	0.01	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	3,655			
0.00	0.012	6.75	0.012	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	4,824			
0.00	0.003	6.75	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	493			
0.00	0.003	6.75	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,850			
0.00	0.018	6.75	0.018	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,645			
0.00	0.008	6.75	0.008	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	585			
0.00	0.023	6.75	0.023	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	841			
0.00	0.004	6.75	0.004	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	439			
									0	0.0000	0			
Time Period Totals									207,600	97.5720	20,891	0.0088	864,282	0.1426
6.75	0.012	9.50	0.138	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,350			
6.75	0.011	9.50	0.187	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	9,581			
6.75	0.016	9.50	0.168	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	6,164			
6.75	0.01	9.50	0.164	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	12,954			
6.75	0.012	9.50	0.064	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	6,224			
6.75	0.003	9.50	0.034	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,240			
6.75	0.003	9.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,005			
6.75	0.018	9.50	0.019	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	551			
6.75	0.008	9.50	0.056	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	953			
6.75	0.023	9.50	0.075	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	730			
6.75	0.004	9.50	0.028	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	715			
6.75	0	9.50	0.11	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	1,638			
Time Period Totals									212,400	99.8280	45,104	0.0456	839,644	0.1611
9.50	0.138	13.75	0.332	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	16,223			
9.50	0.187	13.75	0.305	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	36,795			
9.50	0.168	13.75	0.407	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	29,771			
9.50	0.164	13.75	0.21	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	43,031			
9.50	0.064	13.75	0.065	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	16,326			
9.50	0.034	13.75	0.052	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	4,453			
9.50	0.005	13.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,942			
9.50	0.019	13.75	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	828			
9.50	0.056	13.75	0.028	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,933			
9.50	0.075	13.75	0.111	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,140			
9.50	0.028	13.75	0.023	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,760			
9.50	0.11	13.75	0.231	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	7,847			
Time Period Totals									212,400	99.8280	163,049	0.1068	676,595	0.1837
13.75	0.332	15.75	0.128	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	7,472			
13.75	0.305	15.75	0.13	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	15,309			
13.75	0.407	15.75	0.098	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	12,304			
13.75	0.21	15.75	0.119	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	17,813			
13.75	0.065	15.75	0.083	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,815			
13.75	0.052	15.75	0.024	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,852			
13.75	0.005	15.75	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	822			
13.75	0.017	15.75	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	368			
13.75	0.028	15.75	0.016	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	476			
13.75	0.111	15.75	0.045	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	845			
13.75	0.023	15.75	0.022	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	731			
13.75	0.231	15.75	0.011	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	2,621			
Time Period Totals									212,400	99.8280	69,428	0.0966	607,167	0.2048
15.75	0.128	23.99	0.128	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	17,132			
15.75	0.13	23.99	0.13	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	37,699			
15.75	0.098	23.99	0.098	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	19,675			
15.75	0.119	23.99	0.119	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	53,091			
15.75	0.083	23.99	0.083	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	40,733			
15.75	0.024	23.99	0.024	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	4,818			
15.75	0.004	23.99	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,011			
15.75	0.017	23.99	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,517			
15.75	0.016	23.99	0.016	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,428			
15.75	0.045	23.99	0.045	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,008			
15.75	0.022	23.99	0.022	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,945			
15.75	0.011	23.99	0.011	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	982			
Time Period Totals									212,400	99.8280	185,039	0.0625	422,128	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0561**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-04-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV,	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.031	7.00	0.031	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,525			
0.00	0.053	7.00	0.053	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	13,057			
0.00	0.043	7.00	0.043	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,334			
0.00	0.028	7.00	0.028	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	10,612			
0.00	0.028	7.00	0.028	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	11,673			
0.00	0.029	7.00	0.029	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	4,946			
0.00	0.004	7.00	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,558			
0.00	0.02	7.00	0.02	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,895			
0.00	0.056	7.00	0.056	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,245			
0.00	0.095	7.00	0.095	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,601			
0.00	0.025	7.00	0.025	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,843			
0.00	0.277	7.00	0.277	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	20,997			
Time Period Totals									214,000	100.5800	87,285	0.0344	825,176	0.1341
7.00	0.031	10.25	0.094	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,299			
7.00	0.053	10.25	0.139	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	10,980			
7.00	0.043	10.25	0.138	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,166			
7.00	0.028	10.25	0.114	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	12,494			
7.00	0.028	10.25	0.041	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	6,678			
7.00	0.029	10.25	0.029	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,296			
7.00	0.004	10.25	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	594			
7.00	0.02	10.25	0.022	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	739			
7.00	0.056	10.25	0.162	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	3,836			
7.00	0.095	10.25	0.189	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,499			
7.00	0.025	10.25	0.039	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,689			
7.00	0.277	10.25	0.078	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	6,247			
Time Period Totals									212,400	99.8280	58,518	0.0501	759,836	0.1538
10.25	0.094	14.00	0.115	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	6,365			
10.25	0.139	14.00	0.136	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	18,147			
10.25	0.138	14.00	0.13	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	12,243			
10.25	0.114	14.00	0.132	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	24,974			
10.25	0.041	14.00	0.076	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	13,066			
10.25	0.029	14.00	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,101			
10.25	0	14.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	514			
10.25	0.022	14.00	0.021	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	873			
10.25	0.162	14.00	0.225	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	7,858			
10.25	0.189	14.00	0.119	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,127			
10.25	0.039	14.00	0.034	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,223			
10.25	0.078	14.00	0.007	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	1,726			
Time Period Totals									212,400	99.8280	93,217	0.0692	666,619	0.1855
14.00	0.115	17.50	0.113	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	6,481			
14.00	0.136	17.50	0.108	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	15,028			
14.00	0.13	17.50	0.127	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	10,958			
14.00	0.132	17.50	0.093	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	21,319			
14.00	0.076	17.50	0.072	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	15,426			
14.00	0.017	17.50	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,450			
14.00	0.003	17.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	480			
14.00	0.021	17.50	0.019	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	758			
14.00	0.225	17.50	0.072	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,628			
14.00	0.119	17.50	0.14	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,454			
14.00	0.034	17.50	0.038	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,047			
14.00	0.007	17.50	0.048	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	1,042			
Time Period Totals									212,400	99.8280	83,070	0.0660	583,549	0.2498
17.50	0.113	23.99	0.113	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	11,912			
17.50	0.108	23.99	0.108	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	24,668			
17.50	0.127	23.99	0.127	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	20,082			
17.50	0.093	23.99	0.093	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	32,680			
17.50	0.072	23.99	0.072	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	27,830			
17.50	0.017	23.99	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,688			
17.50	0	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
17.50	0.019	23.99	0.019	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,335			
17.50	0.072	23.99	0.072	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,060			
17.50	0.14	23.99	0.14	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	4,920			
17.50	0.038	23.99	0.038	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	4,006			
17.50	0.048	23.99	0.048	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	3,373			
Time Period Totals									212,400	99.8280	138,555	0.0594	444,994	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0534**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-05-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.016	7.00	0.016	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	1,819			
0.00	0.011	7.00	0.011	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	2,710			
0.00	0.011	7.00	0.011	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	1,876			
0.00	0.014	7.00	0.014	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	5,306			
0.00	0.02	7.00	0.02	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,338			
0.00	0.004	7.00	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	682			
0.00	0	7.00	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.018	7.00	0.018	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,706			
0.00	0.058	7.00	0.058	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,396			
0.00	0.078	7.00	0.078	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,956			
0.00	0.02	7.00	0.02	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,274			
0.00	0.047	7.00	0.047	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	3,563			
Time Period Totals									214,000	100.5800	35,627	0.0141	876,835	0.1424
7.00	0.016	10.00	0.022	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	926			
7.00	0.011	10.00	0.033	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	2,323			
7.00	0.011	10.00	0.038	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	1,791			
7.00	0.014	10.00	0.032	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	3,736			
7.00	0.02	10.00	0.07	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,040			
7.00	0.004	10.00	0.043	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,718			
7.00	0	10.00	0.013	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,782			
7.00	0.018	10.00	0.034	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	845			
7.00	0.058	10.00	0.123	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,940			
7.00	0.078	10.00	0.149	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,844			
7.00	0.02	10.00	0.05	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,706			
7.00	0.047	10.00	0.004	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	828			
Time Period Totals									212,400	99.8280	28,477	0.0264	841,535	0.1673
10.00	0.022	14.75	0.052	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,855			
10.00	0.033	14.75	0.058	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	7,606			
10.00	0.038	14.75	0.049	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	5,034			
10.00	0.032	14.75	0.115	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	18,903			
10.00	0.07	14.75	0.053	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	17,398			
10.00	0.043	14.75	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,835			
10.00	0.013	14.75	0.011	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	5,208			
10.00	0.034	14.75	0.021	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,415			
10.00	0.123	14.75	0.089	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,452			
10.00	0.149	14.75	0.118	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,433			
10.00	0.05	14.75	0.03	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,086			
10.00	0.004	14.75	0.021	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	643			
Time Period Totals									212,400	99.8280	73,870	0.0433	767,666	0.2309
14.75	0.052	17.50	0.07	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,725			
14.75	0.058	17.50	0.061	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	5,759			
14.75	0.049	17.50	0.096	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	4,858			
14.75	0.115	17.50	0.093	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	15,485			
14.75	0.053	17.50	0.054	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	8,763			
14.75	0.006	17.50	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	469			
14.75	0.011	17.50	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,759			
14.75	0.021	17.50	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	566			
14.75	0.089	17.50	0.021	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,638			
14.75	0.118	17.50	0.052	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,266			
14.75	0.03	17.50	0.02	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,117			
14.75	0.021	17.50	0.05	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	1,057			
Time Period Totals									212,400	99.8280	45,460	0.0460	722,206	0.3092
17.50	0.07	23.99	0.07	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	7,379			
17.50	0.061	23.99	0.061	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	13,933			
17.50	0.096	23.99	0.096	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	15,180			
17.50	0.093	23.99	0.093	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	32,680			
17.50	0.054	23.99	0.054	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	20,873			
17.50	0.008	23.99	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,265			
17.50	0.003	23.99	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,779			
17.50	0.017	23.99	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,195			
17.50	0.021	23.99	0.021	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,476			
17.50	0.052	23.99	0.052	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,827			
17.50	0.02	23.99	0.02	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,108			
17.50	0.05	23.99	0.05	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	3,514			
Time Period Totals									212,400	99.8280	103,209	0.0443	618,997	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0332**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-06-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.047	7.00	0.047	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	5,344			
0.00	0.077	7.00	0.077	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	18,969			
0.00	0.044	7.00	0.044	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,504			
0.00	0.07	7.00	0.07	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	26,531			
0.00	0.014	7.00	0.014	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,837			
0.00	0.009	7.00	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,535			
0.00	0	7.00	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.012	7.00	0.012	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,137			
0.00	0.036	7.00	0.036	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,729			
0.00	0.086	7.00	0.086	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,259			
0.00	0.019	7.00	0.019	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,160			
0.00	0.086	7.00	0.086	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	6,519			
Time Period Totals									214,000	100.5800	81,525	0.0322	830,937	0.1350
7.00	0.047	10.00	0.095	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,460			
7.00	0.077	10.00	0.088	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	8,710			
7.00	0.044	10.00	0.108	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	5,555			
7.00	0.07	10.00	0.157	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	18,436			
7.00	0.014	10.00	0.107	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	10,810			
7.00	0.009	10.00	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	841			
7.00	0	10.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	411			
7.00	0.012	10.00	0.019	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	504			
7.00	0.036	10.00	0.33	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,945			
7.00	0.086	10.00	0.246	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,696			
7.00	0.019	10.00	0.063	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,998			
7.00	0.086	10.00	0.167	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	4,110			
Time Period Totals									212,400	99.8280	63,475	0.0589	760,640	0.1512
10.00	0.095	14.75	0.075	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	6,558			
10.00	0.088	14.75	0.067	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	12,956			
10.00	0.108	14.75	0.091	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	11,515			
10.00	0.157	14.75	0.081	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	30,605			
10.00	0.107	14.75	0.111	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	30,836			
10.00	0.014	14.75	0.015	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,678			
10.00	0.003	14.75	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,302			
10.00	0.019	14.75	0.022	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,054			
10.00	0.33	14.75	0.228	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	14,351			
10.00	0.246	14.75	0.185	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	5,542			
10.00	0.063	14.75	0.048	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	4,282			
10.00	0.167	14.75	0.242	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	10,519			
Time Period Totals									212,400	99.8280	131,199	0.0769	629,440	0.1893
14.75	0.075	17.50	0.034	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,434			
14.75	0.067	17.50	0.03	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	4,694			
14.75	0.091	17.50	0.037	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	4,288			
14.75	0.081	17.50	0.033	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	8,487			
14.75	0.111	17.50	0.083	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	15,887			
14.75	0.015	17.50	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	704			
14.75	0.003	17.50	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	754			
14.75	0.022	17.50	0.019	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	610			
14.75	0.228	17.50	0.053	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,184			
14.75	0.185	17.50	0.116	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,241			
14.75	0.048	17.50	0.057	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,345			
14.75	0.242	17.50	0.003	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	3,648			
Time Period Totals									212,400	99.8280	50,277	0.0509	579,164	0.2479
17.50	0.034	23.99	0.034	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,584			
17.50	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	6,852			
17.50	0.037	23.99	0.037	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	5,851			
17.50	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	11,596			
17.50	0.083	23.99	0.083	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	32,082			
17.50	0.006	23.99	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	949			
17.50	0.003	23.99	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,779			
17.50	0.019	23.99	0.019	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,335			
17.50	0.053	23.99	0.053	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	3,725			
17.50	0.116	23.99	0.116	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	4,076			
17.50	0.057	23.99	0.057	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	6,009			
17.50	0.003	23.99	0.003	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	211			
Time Period Totals									212,400	99.8280	78,049	0.0335	501,115	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0469**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-07-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.015	6.50	0.015	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	1,584			
0.00	0.016	6.50	0.016	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	3,660			
0.00	0.015	6.50	0.015	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	2,376			
0.00	0.011	6.50	0.011	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	3,871			
0.00	0.061	6.50	0.061	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	23,615			
0.00	0.003	6.50	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	475			
0.00	0	6.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.022	6.50	0.022	Turbine #1 - El. 36		36	5	1,600	8,000	3.7600	1,936			
0.00	0.028	6.50	0.028	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,971			
0.00	0.053	6.50	0.053	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,865			
0.00	0.022	6.50	0.022	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,323			
0.00	0.006	6.50	0.006	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	422			
Time Period Totals									214,000	100.5800	44,098	0.0187	868,364	0.1370
6.50	0.015	9.00	0.1	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,335			
6.50	0.016	9.00	0.102	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	5,191			
6.50	0.015	9.00	0.126	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	4,294			
6.50	0.011	9.00	0.263	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	18,544			
6.50	0.061	9.00	0.08	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	10,497			
6.50	0.003	9.00	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	335			
6.50	0	9.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	343			
6.50	0.022	9.00	0.023	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	609			
6.50	0.028	9.00	0.128	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,112			
6.50	0.053	9.00	0.148	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,360			
6.50	0.022	9.00	0.038	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,218			
6.50	0.006	9.00	0.02	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	352			
Time Period Totals									212,400	99.8280	47,191	0.0525	814,351	0.1511
9.00	0.1	12.50	0.021	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,439			
9.00	0.102	12.50	0.021	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	7,575			
9.00	0.126	12.50	0.017	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	6,097			
9.00	0.263	12.50	0.015	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	26,341			
9.00	0.08	12.50	0.077	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	16,364			
9.00	0.008	12.50	0.006	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	597			
9.00	0.003	12.50	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	959			
9.00	0.023	12.50	0.022	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	853			
9.00	0.128	12.50	0.092	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,169			
9.00	0.148	12.50	0.106	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,407			
9.00	0.038	12.50	0.032	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,990			
9.00	0.02	12.50	0.004	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	455			
Time Period Totals									212,400	99.8280	71,246	0.0566	743,105	0.1798
12.50	0.021	14.00	0.088	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	1,328			
12.50	0.021	14.00	0.083	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	2,745			
12.50	0.017	14.00	0.073	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	1,645			
12.50	0.015	14.00	0.072	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	3,533			
12.50	0.077	14.00	0.055	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,896			
12.50	0.006	14.00	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	274			
12.50	0.003	14.00	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	548			
12.50	0.022	14.00	0.023	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	365			
12.50	0.092	14.00	0.166	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,095			
12.50	0.106	14.00	0.187	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,190			
12.50	0.032	14.00	0.038	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	853			
12.50	0.004	14.00	0.008	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	97			
Time Period Totals									212,400	99.8280	20,570	0.0382	722,535	0.2010
14.00	0.088	23.99	0.088	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	14,280			
14.00	0.083	23.99	0.083	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	29,181			
14.00	0.073	23.99	0.073	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	17,769			
14.00	0.072	23.99	0.072	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	38,945			
14.00	0.055	23.99	0.055	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	32,724			
14.00	0.009	23.99	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,191			
14.00	0.005	23.99	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,564			
14.00	0.023	23.99	0.023	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,488			
14.00	0.166	23.99	0.166	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	17,958			
14.00	0.187	23.99	0.187	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	10,115			
14.00	0.038	23.99	0.038	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	6,166			
14.00	0.008	23.99	0.008	Flue Gas Duct - El. 95		95	4	1,600	6,400	3.0080	865			
Time Period Totals									212,400	99.8280	177,246	0.0494	545,289	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0418**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-10-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.014	6.50	0.014	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	1,478			
0.00	0.012	6.50	0.012	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	2,745			
0.00	0.011	6.50	0.011	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	1,742			
0.00	0.012	6.50	0.012	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	4,223			
0.00	0.013	6.50	0.013	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,033			
0.00	0.003	6.50	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	475			
0.00	0	6.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.046	6.50	0.046	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,238			
0.00	0.025	6.50	0.025	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,760			
0.00	0.075	6.50	0.075	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,640			
0.00	0.021	6.50	0.021	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,217			
0.00	0.011	6.50	0.011	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	387			
Time Period Totals									209,200	98.3240	25,938	0.0113	866,058	0.1398
6.50	0.014	9.75	0.101	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,035			
6.50	0.012	9.75	0.106	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	6,748			
6.50	0.011	9.75	0.098	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	4,316			
6.50	0.012	9.75	0.118	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	11,438			
6.50	0.013	9.75	0.067	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	7,743			
6.50	0.003	9.75	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	475			
6.50	0	9.75	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	742			
6.50	0.046	9.75	0.02	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,161			
6.50	0.025	9.75	0.123	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,604			
6.50	0.075	9.75	0.255	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,903			
6.50	0.021	9.75	0.024	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,188			
6.50	0.011	9.75	0.009	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	176			
Time Period Totals									209,200	98.3240	42,530	0.0370	823,527	0.1633
9.75	0.101	13.00	0.055	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,118			
9.75	0.106	13.00	0.048	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	8,807			
9.75	0.098	13.00	0.058	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	6,176			
9.75	0.118	13.00	0.071	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	16,629			
9.75	0.067	13.00	0.035	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	9,872			
9.75	0.009	13.00	0.011	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	792			
9.75	0.005	13.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,188			
9.75	0.02	13.00	0.021	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	721			
9.75	0.123	13.00	0.11	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,100			
9.75	0.255	13.00	0.077	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,921			
9.75	0.024	13.00	0.015	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,029			
9.75	0.009	13.00	0.009	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	158			
Time Period Totals									209,200	98.3240	56,512	0.0491	767,015	0.1970
13.00	0.055	15.50	0.08	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,741			
13.00	0.048	15.50	0.075	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	5,411			
13.00	0.058	15.50	0.06	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	3,594			
13.00	0.071	15.50	0.099	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	11,506			
13.00	0.035	15.50	0.055	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	6,700			
13.00	0.011	15.50	0.03	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,249			
13.00	0.003	15.50	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,371			
13.00	0.021	15.50	0.032	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	717			
13.00	0.11	15.50	0.048	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,139			
13.00	0.077	15.50	0.09	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,130			
13.00	0.015	15.50	0.024	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	792			
13.00	0.009	15.50	0.02	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	196			
Time Period Totals									209,200	98.3240	37,545	0.0424	729,470	0.2425
15.50	0.08	23.99	0.08	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	11,032			
15.50	0.075	23.99	0.075	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	22,410			
15.50	0.06	23.99	0.06	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	12,411			
15.50	0.099	23.99	0.099	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	45,509			
15.50	0.055	23.99	0.055	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	27,811			
15.50	0.03	23.99	0.03	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	6,205			
15.50	0.009	23.99	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	6,981			
15.50	0.032	23.99	0.032	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,942			
15.50	0.048	23.99	0.048	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,413			
15.50	0.09	23.99	0.09	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	4,137			
15.50	0.024	23.99	0.024	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,310			
15.50	0.02	23.99	0.02	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	919			
Time Period Totals									209,200	98.3240	148,081	0.0493	581,389	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0366

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-11-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.03	6.75	0.03	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,289			
0.00	0.041	6.75	0.041	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	9,740			
0.00	0.033	6.75	0.033	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	5,427			
0.00	0.044	6.75	0.044	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	16,061			
0.00	0.033	6.75	0.033	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	13,267			
0.00	0	6.75	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.017	6.75	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,243			
0.00	0.037	6.75	0.037	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,704			
0.00	0.06	6.75	0.06	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,193			
0.00	0.009	6.75	0.009	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	987			
0.00	0.006	6.75	0.006	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	219			
Time Period Totals									194,800	91.5560	55,150	0.0248	775,446	0.1364
6.75	0.03	10.25	0.078	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,070			
6.75	0.041	10.25	0.097	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	8,499			
6.75	0.033	10.25	0.13	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	6,950			
6.75	0.044	10.25	0.137	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	17,150			
6.75	0.033	10.25	0.061	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	9,797			
6.75	0	10.25	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
6.75	0	10.25	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	799			
6.75	0.017	10.25	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	834			
6.75	0.037	10.25	0.386	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	8,054			
6.75	0.06	10.25	0.105	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,563			
6.75	0.009	10.25	0.022	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	881			
6.75	0.006	10.25	0.015	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	199			
Time Period Totals									194,800	91.5560	57,798	0.0501	717,649	0.1584
10.25	0.078	14.00	0.085	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	4,964			
10.25	0.097	14.00	0.111	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	13,726			
10.25	0.13	14.00	0.099	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	10,462			
10.25	0.137	14.00	0.109	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	24,974			
10.25	0.061	14.00	0.038	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	11,056			
10.25	0	14.00	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
10.25	0.005	14.00	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,713			
10.25	0.027	14.00	0.032	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,198			
10.25	0.388	14.00	0.145	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	10,822			
10.25	0.105	14.00	0.842	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	9,614			
10.25	0.022	14.00	0.031	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,614			
10.25	0.015	14.00	0.009	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	244			
Time Period Totals									194,800	91.5560	90,386	0.0731	627,263	0.1903
14.00	0.085	16.00	0.1	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	3,005			
14.00	0.111	16.00	0.116	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	7,989			
14.00	0.099	16.00	0.086	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	4,507			
14.00	0.109	16.00	0.113	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	12,020			
14.00	0.038	16.00	0.058	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,718			
14.00	0	16.00	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
14.00	0.005	16.00	0.02	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,284			
14.00	0.032	16.00	0.042	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	801			
14.00	0.145	16.00	0.252	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,299			
14.00	0.842	16.00	0.454	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	7,017			
14.00	0.031	16.00	0.07	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,641			
14.00	0.009	16.00	0.018	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	146			
Time Period Totals									194,800	91.5560	49,427	0.0750	577,836	0.2191
16.00	0.1	23.99	0.1	Boiler #1& #2 - El. 89 to El. 59		59 SW	6	1,600	9,600	4.5120	12,978			
16.00	0.116	23.99	0.116	Boiler #1& #2 - El. 89 to El. 59		59 W	13	1,600	20,800	9.7760	32,619			
16.00	0.086	23.99	0.086	Boiler #1& #2 - El. 89 to El. 59	Mezzanine	W	9	1,600	14,400	6.7680	16,742			
16.00	0.113	23.99	0.113	Boiler #1& #2 - El. 89 to El. 59		82 E	20	1,600	32,000	15.0400	48,885			
16.00	0.058	23.99	0.058	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	27,601			
16.00	0	23.99	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
16.00	0.02	23.99	0.02	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	14,601			
16.00	0.042	23.99	0.042	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,634			
16.00	0.252	23.99	0.252	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	21,804			
16.00	0.454	23.99	0.454	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	19,641			
16.00	0.07	23.99	0.07	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	9,085			
16.00	0.018	23.99	0.018	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	779			
Time Period Totals									194,800	91.5560	208,367	0.0791	369,469	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0583

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-12-2017

	TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
	0.00	0.061	6.75	0.061	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	6,688			
	0.00	0.055	6.75	0.055	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	13,066			
	0.00	0.048	6.75	0.048	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,894			
	0.00	0.049	6.75	0.049	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	17,908			
	0.00	0.011	6.75	0.011	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	4,422			
	0.00	0	6.75	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
	0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
	0.00	0.029	6.75	0.029	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,120			
	0.00	0.079	6.75	0.079	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,774			
	0.00	0.024	6.75	0.024	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	877			
	0.00	0.031	6.75	0.031	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,399			
	0.00	0.008	6.75	0.008	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	292			
Time Period Totals										194,800	91.5560	62,441	0.0281	768,155	0.1351
	6.75	0.061	10.50	0.137	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	6,030			
	6.75	0.055	10.50	0.092	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	9,700			
	6.75	0.048	10.50	0.102	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	6,853			
	6.75	0.049	10.50	0.165	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	21,725			
	6.75	0.011	10.50	0.023	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	3,797			
	6.75	0	10.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
	6.75	0	10.50	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	514			
	6.75	0.029	10.50	0.026	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,117			
	6.75	0.079	10.50	0.339	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	8,487			
	6.75	0.024	10.50	0.373	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	4,030			
	6.75	0.031	10.50	0.044	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,284			
	6.75	0.008	10.50	0.013	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	213			
Time Period Totals										194,800	91.5560	64,751	0.0524	703,404	0.1581
	10.50	0.137	14.50	0.113	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	8,122			
	10.50	0.092	14.50	0.135	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	15,978			
	10.50	0.102	14.50	0.07	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	8,381			
	10.50	0.165	14.50	0.147	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	33,786			
	10.50	0.023	14.50	0.028	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	6,075			
	10.50	0	14.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
	10.50	0.003	14.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	548			
	10.50	0.026	14.50	0.026	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,126			
	10.50	0.339	14.50	0.184	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	11,327			
	10.50	0.373	14.50	0.259	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,844			
	10.50	0.044	14.50	0.059	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,346			
	10.50	0.013	14.50	0.006	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	206			
Time Period Totals										194,800	91.5560	95,739	0.0726	607,666	0.1941
	14.50	0.113	15.75	0.091	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,071			
	14.50	0.135	15.75	0.116	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	5,521			
	14.50	0.07	15.75	0.088	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	2,406			
	14.50	0.147	15.75	0.11	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	8,697			
	14.50	0.028	15.75	0.031	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	2,196			
	14.50	0	15.75	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
	14.50	0	15.75	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	799			
	14.50	0.026	15.75	0.026	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	352			
	14.50	0.184	15.75	0.067	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,699			
	14.50	0.259	15.75	0.126	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,303			
	14.50	0.059	15.75	0.104	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,655			
	14.50	0.006	15.75	0.019	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	85			
Time Period Totals										194,800	91.5560	26,784	0.0550	580,882	0.2136
	15.75	0.091	23.99	0.091	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	12,180			
	15.75	0.116	23.99	0.116	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	33,639			
	15.75	0.088	23.99	0.088	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	17,667			
	15.75	0.11	23.99	0.11	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	49,076			
	15.75	0.031	23.99	0.031	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	15,214			
	15.75	0	23.99	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
	15.75	0.014	23.99	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	10,540			
	15.75	0.026	23.99	0.026	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,320			
	15.75	0.067	23.99	0.067	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,978			
	15.75	0.126	23.99	0.126	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	5,621			
	15.75	0.104	23.99	0.104	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	13,920			
	15.75	0.019	23.99	0.019	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	848			
Time Period Totals										194,800	91.5560	167,004	0.0615	413,878	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0527**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-13-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.072	7.00	0.072	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	8,187			
0.00	0.088	7.00	0.088	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	21,679			
0.00	0.057	7.00	0.067	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	11,427			
0.00	0.147	7.00	0.147	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	55,714			
0.00	0.014	7.00	0.014	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,837			
0.00	0	7.00	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0	7.00	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.026	7.00	0.026	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,971			
0.00	0.265	7.00	0.265	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	20,087			
0.00	0.567	7.00	0.557	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	21,490			
0.00	0.125	7.00	0.125	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	14,213			
0.00	0.008	7.00	0.008	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	303			
Time Period Totals									194,800	91.5560	160,908	0.0697	669,688	0.1195
7.00	0.072	10.50	0.065	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,894			
7.00	0.088	10.50	0.126	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	13,180			
7.00	0.067	10.50	0.116	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,803			
7.00	0.147	10.50	0.149	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	28,047			
7.00	0.014	10.50	0.024	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	3,961			
7.00	0	10.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
7.00	0	10.50	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,279			
7.00	0.026	10.50	0.028	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,023			
7.00	0.265	10.50	0.286	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	10,442			
7.00	0.567	10.50	0.556	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	10,641			
7.00	0.125	10.50	0.125	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	7,106			
7.00	0.008	10.50	0.014	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	208			
Time Period Totals									194,800	91.5560	87,584	0.0759	582,104	0.1308
10.50	0.065	14.50	0.069	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,353			
10.50	0.126	14.50	0.081	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	14,570			
10.50	0.116	14.50	0.088	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	9,941			
10.50	0.149	14.50	0.103	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	27,289			
10.50	0.024	14.50	0.024	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,718			
10.50	0	14.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
10.50	0.008	14.50	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,924			
10.50	0.028	14.50	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,191			
10.50	0.286	14.50	0.375	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	14,316			
10.50	0.556	14.50	0.55	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	11,977			
10.50	0.125	14.50	0.08	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	6,660			
10.50	0.014	14.50	0.014	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	303			
Time Period Totals									194,800	91.5560	99,241	0.0753	482,864	0.1542
14.50	0.069	17.75	0.091	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,223			
14.50	0.081	17.75	0.104	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	10,580			
14.50	0.088	17.75	0.083	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	6,770			
14.50	0.103	17.75	0.13	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	20,500			
14.50	0.024	17.75	0.036	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	5,807			
14.50	0	17.75	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
14.50	0.008	17.75	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,524			
14.50	0.027	17.75	0.03	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,003			
14.50	0.375	17.75	0.124	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	8,781			
14.50	0.55	17.75	0.193	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,537			
14.50	0.08	17.75	0.044	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,273			
14.50	0.014	17.75	0.021	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	308			
Time Period Totals									194,800	91.5560	70,307	0.0656	412,557	0.2003
17.75	0.091	23.99	0.091	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	9,224			
17.75	0.104	23.99	0.104	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	22,839			
17.75	0.083	23.99	0.083	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	12,619			
17.75	0.13	23.99	0.13	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	43,922			
17.75	0.036	23.99	0.036	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	0	1,600	0	0.0000	0			
17.75	0	23.99	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
17.75	0.009	23.99	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	5,131			
17.75	0.03	23.99	0.03	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,027			
17.75	0.124	23.99	0.124	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	8,379			
17.75	0.193	23.99	0.193	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,521			
17.75	0.044	23.99	0.044	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	4,460			
17.75	0.021	23.99	0.021	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	710			
Time Period Totals									159,600	75.0120	115,831	0.0687	146,639	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0824

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-14-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.022	6.50	0.022	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,323			
0.00	0.023	6.50	0.023	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	5,251			
0.00	0.025	6.50	0.025	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	3,959			
0.00	0.027	6.50	0.027	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	9,502			
0.00	0.017	6.50	0.017	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	6,581			
0.00	0	6.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0.005	6.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,969			
0.00	0.026	6.50	0.026	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,830			
0.00	0.081	6.50	0.081	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,701			
0.00	0.117	6.50	0.117	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	4,118			
0.00	0.027	6.50	0.027	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,851			
0.00	0.006	6.50	0.006	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	211			
Time Period Totals									194,800	91.5560	45,307	0.0211	785,289	0.1361
6.50	0.022	8.75	0.105	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,339			
6.50	0.023	8.75	0.195	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	8,631			
6.50	0.025	8.75	0.132	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	4,303			
6.50	0.027	8.75	0.166	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	11,756			
6.50	0.017	8.75	0.026	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	2,881			
6.50	0	8.75	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
6.50	0.005	8.75	0.009	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,439			
6.50	0.026	8.75	0.028	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	658			
6.50	0.081	8.75	0.282	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,422			
6.50	0.117	8.75	0.638	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	4,599			
6.50	0.027	8.75	0.084	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,028			
6.50	0.006	8.75	0.015	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	128			
Time Period Totals									194,800	91.5560	43,185	0.0582	742,104	0.1476
8.75	0.106	11.50	0.077	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,087			
8.75	0.195	11.50	0.081	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	13,356			
8.75	0.132	11.50	0.093	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,538			
8.75	0.166	11.50	0.104	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	20,101			
8.75	0.026	11.50	0.021	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	3,849			
8.75	0	11.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
8.75	0.009	11.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,131			
8.75	0.028	11.50	0.024	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	774			
8.75	0.282	11.50	0.249	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	7,906			
8.75	0.638	11.50	0.276	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,805			
8.75	0.084	11.50	0.065	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,328			
8.75	0.015	11.50	0.008	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	171			
Time Period Totals									194,800	91.5560	69,046	0.0762	673,058	0.1634
11.50	0.077	13.25	0.099	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,501			
11.50	0.081	13.25	0.117	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	6,097			
11.50	0.093	13.25	0.08	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	3,688			
11.50	0.104	13.25	0.133	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	11,228			
11.50	0.021	13.25	0.021	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	22	1,600	35,200	16.5440	2,189			
11.50	0	13.25	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
11.50	0	13.25	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	320			
11.50	0.024	13.25	0.024	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	455			
11.50	0.249	13.25	0.294	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,145			
11.50	0.276	13.25	0.507	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,710			
11.50	0.065	13.25	0.124	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,686			
11.50	0.008	13.25	0.011	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	90			
Time Period Totals									194,800	91.5560	38,109	0.0661	634,948	0.1792
13.25	0.099	23.99	0.099	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	17,271			
13.25	0.117	23.99	0.117	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	44,224			
13.25	0.08	23.99	0.08	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	20,934			
13.25	0.133	23.99	0.133	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	77,340			
13.25	0.021	23.99	0.021	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	0	1,600	0	0.0000	0			
13.25	0	23.99	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
13.25	0.004	23.99	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,925			
13.25	0.024	23.99	0.024	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,791			
13.25	0.294	23.99	0.294	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	34,193			
13.25	0.507	23.99	0.507	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	29,482			
13.25	0.124	23.99	0.124	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	21,632			
13.25	0.011	23.99	0.011	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	640			
Time Period Totals									159,600	75.0120	252,432	0.0870	232,429	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0691**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-17-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.024	6.50	0.024	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,534			
0.00	0.026	6.50	0.026	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	5,948			
0.00	0.04	6.50	0.04	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	6,335			
0.00	0.03	6.50	0.03	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	10,558			
0.00	0.013	6.50	0.013	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	458			
0.00	0	6.50	0	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0	6.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.048	6.50	0.048	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,379			
0.00	0.092	6.50	0.092	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	6,476			
0.00	0.155	6.50	0.155	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	5,455			
0.00	0.04	6.50	0.04	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	4,223			
0.00	0.014	6.50	0.014	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	493			
Time Period Totals									162,800	76.5160	45,857	0.0256	648,296	0.1345
6.50	0.024	9.75	0.153	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,672			
6.50	0.026	9.75	0.16	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	10,637			
6.50	0.04	9.75	0.199	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	9,463			
6.50	0.03	9.75	0.782	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	71,443			
6.50	0.013	9.75	0.009	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	194			
6.50	0	9.75	0.01	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	396			
6.50	0	9.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
6.50	0.048	9.75	0.054	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,795			
6.50	0.092	9.75	0.32	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	7,250			
6.50	0.155	9.75	0.431	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	5,156			
6.50	0.04	9.75	0.009	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,293			
6.50	0.014	9.75	0.023	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	326			
Time Period Totals									177,200	83.2840	112,624	0.1156	597,071	0.1397
9.75	0.153	13.50	0.473	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	19,065			
9.75	0.16	13.50	0.563	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	47,709			
9.75	0.199	13.50	0.438	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	29,101			
9.75	0.782	13.50	0.535	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	133,702			
9.75	0.009	13.50	0.006	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	152			
9.75	0.01	13.50	0.005	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	685			
9.75	0	13.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
9.75	0.054	13.50	0.048	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,071			
9.75	0.32	13.50	0.152	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	9,583			
9.75	0.431	13.50	0.499	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	9,441			
9.75	0.009	13.50	0.112	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,685			
9.75	0.023	13.50	0.009	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	325			
Time Period Totals									177,200	83.2840	255,521	0.2273	341,551	0.1085
13.50	0.473	15.25	0.031	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	7,163			
13.50	0.563	15.25	0.03	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	18,261			
13.50	0.438	15.25	0.033	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	10,041			
13.50	0.535	15.25	0.123	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	31,173			
13.50	0.006	15.25	0.008	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	66			
13.50	0.005	15.25	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	256			
13.50	0	15.25	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
13.50	0.048	15.25	0.04	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	834			
13.50	0.152	15.25	0.115	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,530			
13.50	0.499	15.25	0.224	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,425			
13.50	0.112	15.25	0.049	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,288			
13.50	0.009	15.25	0.01	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	90			
Time Period Totals									177,200	83.2840	76,128	0.1451	265,422	0.1012
15.25	0.031	23.99	0.031	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,401			
15.25	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	9,228			
15.25	0.033	23.99	0.033	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,027			
15.25	0.123	23.99	0.123	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	58,206			
15.25	0.008	23.99	0.008	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	0	1,600	0	0.0000	0			
15.25	0.007	23.99	0.007	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
15.25	0	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
15.25	0.04	23.99	0.04	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,786			
15.25	0.115	23.99	0.115	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	10,884			
15.25	0.224	23.99	0.224	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	10,600			
15.25	0.049	23.99	0.049	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	6,956			
15.25	0.01	23.99	0.01	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	473			
Time Period Totals									159,600	75.0120	111,561	0.0473	78,817	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0928

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-18-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.032	6.75	0.032	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,509			
0.00	0.036	6.75	0.036	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	8,552			
0.00	0.033	6.75	0.033	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	5,427			
0.00	0.05	6.75	0.05	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	18,274			
0.00	0.005	6.75	0.005	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	183			
0.00	0.006	6.75	0.006	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.017	6.75	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,243			
0.00	0.098	6.75	0.098	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	7,163			
0.00	0.155	6.75	0.155	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	5,665			
0.00	0.031	6.75	0.031	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,399			
0.00	0.003	6.75	0.003	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	110			
Time Period Totals									162,800	76.5160	53,523	0.0288	640,630	0.1348
6.75	0.032	10.00	0.034	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	1,742			
6.75	0.036	10.00	0.042	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	4,461			
6.75	0.033	10.00	0.042	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	2,969			
6.75	0.05	10.00	0.091	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	12,406			
6.75	0.005	10.00	0.013	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	158			
6.75	0.006	10.00	0.017	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	911			
6.75	0	10.00	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	445			
6.75	0.017	10.00	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	774			
6.75	0.098	10.00	0.215	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,508			
6.75	0.155	10.00	0.402	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	4,901			
6.75	0.031	10.00	0.086	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,088			
6.75	0.003	10.00	0.007	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	88			
Time Period Totals									177,200	83.2840	37,451	0.0384	664,578	0.1583
10.00	0.034	14.50	0.077	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,057			
10.00	0.042	14.50	0.066	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	8,552			
10.00	0.042	14.50	0.062	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	5,701			
10.00	0.091	14.50	0.084	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	21,319			
10.00	0.013	14.50	0.005	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	219			
10.00	0.017	14.50	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,699			
10.00	0.003	14.50	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,645			
10.00	0.027	14.50	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,316			
10.00	0.215	14.50	0.098	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	7,626			
10.00	0.402	14.50	0.097	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,079			
10.00	0.086	14.50	0.037	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	4,495			
10.00	0.007	14.50	0.009	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	195			
Time Period Totals									177,200	83.2840	62,904	0.0466	601,674	0.2112
14.50	0.077	17.25	0.038	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,568			
14.50	0.066	17.25	0.022	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	4,258			
14.50	0.062	17.25	0.027	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	2,982			
14.50	0.084	17.25	0.056	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	10,423			
14.50	0.005	17.25	0.007	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	2	1,600	3,200	1.5040	89			
14.50	0.014	17.25	0.012	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	871			
14.50	0.005	17.25	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,382			
14.50	0.027	17.25	0.024	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	759			
14.50	0.098	17.25	0.038	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,025			
14.50	0.097	17.25	0.067	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	1,221			
14.50	0.037	17.25	0.03	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,496			
14.50	0.009	17.25	0.009	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	134			
Time Period Totals									177,200	83.2840	28,209	0.0342	573,464	0.2834
17.25	0.038	23.99	0.038	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,160			
17.25	0.022	23.99	0.022	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	5,219			
17.25	0.027	23.99	0.027	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	4,434			
17.25	0.056	23.99	0.056	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	20,436			
17.25	0.007	23.99	0.007	Boiler #1& #2 - El. 49 to El. 36	49 & 36	N	0	1,600	0	0.0000	0			
17.25	0.012	23.99	0.012	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
17.25	0.006	23.99	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,695			
17.25	0.024	23.99	0.024	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,752			
17.25	0.038	23.99	0.038	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,773			
17.25	0.067	23.99	0.067	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	2,445			
17.25	0.03	23.99	0.03	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,284			
17.25	0.009	23.99	0.009	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	328			
Time Period Totals									159,600	75.0120	48,527	0.0267	449,894	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0356**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-19-2017

TIME START	CONC. START (MG/M^3)	TIME END	CONC. END (MG/M^3)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M^3/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M^3)	BAL EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M^3)
0.00	0.027	6.75	0.027	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,960			
0.00	0.047	6.75	0.047	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	11,165			
0.00	0.044	6.75	0.044	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,236			
0.00	0.058	6.75	0.058	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	21,197			
0.00	0.007	6.75	0.007	Waste Loadout - El. 36	49 & 36	N	2	1,600	3,200	1.5040	256			
0.00	0.009	6.75	0.009	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,480			
0.00	0.003	6.75	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,850			
0.00	0.029	6.75	0.029	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,120			
0.00	0.048	6.75	0.048	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	3,509			
0.00	0.166	6.75	0.166	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,067			
0.00	0.026	6.75	0.026	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,851			
0.00	0.017	6.75	0.017	Pipe Insulation - El. 24		24	2	1,600	3,200	1.5040	621			
Time Period Totals									177,200	83.2840	61,312	0.0303	694,240	0.1342
6.75	0.027	10.50	0.074	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,076			
6.75	0.047	10.50	0.081	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	8,446			
6.75	0.044	10.50	0.096	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	6,396			
6.75	0.058	10.50	0.204	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	26,598			
6.75	0.007	10.50	0.019	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	264			
6.75	0.009	10.50	0.014	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,051			
6.75	0.003	10.50	0.008	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,884			
6.75	0.029	10.50	0.042	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,442			
6.75	0.048	10.50	0.224	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5,523			
6.75	0.166	10.50	0.493	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,690			
6.75	0.026	10.50	0.093	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,624			
6.75	0.017	10.50	0.013	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	305			
Time Period Totals									177,200	83.2840	65,299	0.0581	628,941	0.1554
10.50	0.074	14.25	0.07	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	4,386			
10.50	0.081	14.25	0.06	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	9,304			
10.50	0.096	14.25	0.073	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	7,721			
10.50	0.204	14.25	0.083	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	29,136			
10.50	0.019	14.25	0.021	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	406			
10.50	0.014	14.25	0.011	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,142			
10.50	0.008	14.25	0.006	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,398			
10.50	0.042	14.25	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,360			
10.50	0.224	14.25	0.29	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	10,436			
10.50	0.493	14.25	0.03	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,746			
10.50	0.093	14.25	0.011	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	244			
Time Period Totals									177,200	83.2840	81,721	0.0727	547,220	0.1872
14.25	0.07	17.25	0.03	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	2,436			
14.25	0.06	17.25	0.02	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	4,223			
14.25	0.073	17.25	0.034	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	3,911			
14.25	0.083	17.25	0.021	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	8,446			
14.25	0.021	17.25	0.013	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	276			
14.25	0.011	17.25	0.013	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	877			
14.25	0.006	17.25	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,233			
14.25	0.025	17.25	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	812			
14.25	0.29	17.25	0.093	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	6,221			
14.25	0.634	17.25	0.177	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,587			
14.25	0.03	17.25	0.032	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1,511			
14.25	0.011	17.25	0.011	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	179			
Time Period Totals									177,200	83.2840	36,713	0.0408	510,507	0.2523
17.25	0.03	23.99	0.03	Boiler #1& #2 - El. 89 to El. 55		59 SW	6	1,600	9,600	4.5120	3,284			
17.25	0.02	23.99	0.02	Boiler #1& #2 - El. 89 to El. 55		59 W	13	1,600	20,800	9.7760	4,744			
17.25	0.034	23.99	0.034	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	9	1,600	14,400	6.7680	5,583			
17.25	0.021	23.99	0.021	Boiler #1& #2 - El. 89 to El. 55		82 E	20	1,600	32,000	15.0400	7,664			
17.25	0.013	23.99	0.013	Waste Loadout - El. 36		36 N	0	1,600	0	0.0000	0			
17.25	0.013	23.99	0.013	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
17.25	0.003	23.99	0.003	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,847			
17.25	0.025	23.99	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,825			
17.25	0.093	23.99	0.093	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	6,788			
17.25	0.177	23.99	0.177	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	6,459			
17.25	0.032	23.99	0.032	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,503			
17.25	0.011	23.99	0.011	Pipe Insulation - El. 24		95	2	1,600	3,200	1.5040	401			
Time Period Totals									159,600	75.0120	42,099	0.0231	393,364	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0443

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-20-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.025	6.75	0.025	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	5,482			
0.00	0.024	6.75	0.024	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	1,754			
0.00	0.022	6.75	0.022	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	4,020			
0.00	0.07	6.75	0.07	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	28,141			
0.00	0.009	6.75	0.009	Waste Loadout - El. 36	49 & 36	N	2	1,600	3,200	1.5040	329			
0.00	0.005	6.75	0.005	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	822			
0.00	0.007	6.75	0.007	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	4,317			
0.00	0.025	6.75	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,827			
0.00	0.095	6.75	0.095	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	6,944			
0.00	0.252	6.75	0.252	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	9,210			
0.00	0.033	6.75	0.033	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	3,618			
									0	0.0000	0			
Time Period Totals									174,000	81.7800	66,466	0.0334	675,443	0.1330
6.75	0.025	10.25	0.072	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	5,515			
6.75	0.024	10.25	0.066	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	1,706			
6.75	0.022	10.25	0.071	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	4,406			
6.75	0.07	10.25	0.198	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	27,933			
6.75	0.009	10.25	0.028	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	351			
6.75	0.005	10.25	0.028	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,407			
6.75	0.007	10.25	0.015	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	3,518			
6.75	0.025	10.25	0.04	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,232			
6.75	0.095	10.25	0.28	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	7,106			
6.75	0.252	10.25	0.364	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	5,837			
6.75	0.033	10.25	0.061	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,672			
									0	0.0000	0			
Time Period Totals									174,000	81.7800	61,681	0.0599	613,761	0.1516
10.25	0.072	14.25	0.06	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	8,576			
10.25	0.066	14.25	0.025	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	1,971			
10.25	0.071	14.25	0.044	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	6,227			
10.25	0.198	14.25	0.128	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	38,832			
10.25	0.028	14.25	0.025	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	574			
10.25	0.028	14.25	0.016	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	2,144			
10.25	0.015	14.25	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	5,299			
10.25	0.04	14.25	0.032	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,559			
10.25	0.28	14.25	0.177	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	9,898			
10.25	0.364	14.25	0.367	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	7,916			
10.25	0.061	14.25	0.064	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	4,061			
									0	0.0000	0			
Time Period Totals									174,000	81.7800	87,057	0.0739	526,705	0.1835
14.25	0.06	17.25	0.035	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	4,629			
14.25	0.025	17.25	0.028	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	861			
14.25	0.044	17.25	0.041	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	3,452			
14.25	0.128	17.25	0.155	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	25,283			
14.25	0.025	17.25	0.007	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	260			
14.25	0.016	17.25	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	841			
14.25	0.014	17.25	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,919			
14.25	0.032	17.25	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	926			
14.25	0.177	17.25	0.03	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	3,362			
14.25	0.367	17.25	0.097	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,768			
14.25	0.064	17.25	0.023	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,120			
									0	0.0000	0			
Time Period Totals									174,000	81.7800	47,420	0.0537	479,285	0.2412
17.25	0.035	23.99	0.035	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	7,664			
17.25	0.028	23.99	0.028	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	2,044			
17.25	0.041	23.99	0.041	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	7,481			
17.25	0.155	23.99	0.155	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	62,221			
17.25	0.007	23.99	0.007	Waste Loadout - El. 36		36 N	0	1,600	0	0.0000	0			
17.25	0.007	23.99	0.007	Coal Bunker Containment		59 N	0	1,600	0	0.0000	0			
17.25	0	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
17.25	0.025	23.99	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,825			
17.25	0.03	23.99	0.03	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	2,190			
17.25	0.097	23.99	0.097	Turbine #2 - El. 24		24	2	1,600	3,200	1.5040	3,540			
17.25	0.023	23.99	0.023	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,518			
									0	0.0000	0			
Time Period Totals									156,400	73.5080	89,481	0.0502	314,760	

24 HR. ACTUAL COMPLIANCE TOTAL **0.0554**

24 HR. COMPLIANCE STANDARD **0.105**

IN COMPLIANCE

SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-21-2017

TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.019	6.75	0.019	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	4,166			
0.00	0.012	6.75	0.012	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	877			
0.00	0.026	6.75	0.026	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	4,751			
0.00	0.023	6.75	0.023	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	9,246			
0.00	0.003	6.75	0.003	Waste Loadout - El. 36	49 & 36	N	2	1,600	3,200	1.5040	110			
0.00	0	6.75	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.75	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.025	6.75	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,827			
0.00	0.045	6.75	0.045	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	3,289			
0.00	0	6.75	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
0.00	0.005	6.75	0.005	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	548			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	24,816	0.0127	703,448	0.1411
6.75	0.019	10.25	0.061	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	4,548			
6.75	0.012	10.25	0.081	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	1,762			
6.75	0.026	10.25	0.073	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	4,690			
6.75	0.023	10.25	0.139	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	16,885			
6.75	0.003	10.25	0.008	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	104			
6.75	0	10.25	0.008	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	341			
6.75	0	10.25	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	799			
6.75	0.025	10.25	0.026	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	966			
6.75	0.045	10.25	0.044	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,687			
6.75	0	10.25	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
6.75	0.005	10.25	0	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	142			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	31,926	0.0316	671,523	0.1690
10.25	0.061	12.75	0.028	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	3,614			
10.25	0.081	12.75	0.023	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	1,408			
10.25	0.073	12.75	0.04	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	3,824			
10.25	0.139	12.75	0.034	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	12,880			
10.25	0.008	12.75	0.009	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	115			
10.25	0.008	12.75	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	365			
10.25	0.005	12.75	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	2,170			
10.25	0.026	12.75	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	717			
10.25	0.044	12.75	0.044	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,191			
10.25	0	12.75	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
10.25	0	12.75	0.005	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	102			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	26,386	0.0365	645,137	0.1984
12.75	0.028	12.76	0.028	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	9			
12.75	0.023	12.76	0.023	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	2			
12.75	0.04	12.76	0.04	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	11			
12.75	0.034	12.76	0.034	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	20			
12.75	0.009	12.76	0.009	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	0			
12.75	0.004	12.76	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1			
12.75	0.014	12.76	0.014	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	13			
12.75	0.027	12.76	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3			
12.75	0.044	12.76	0.044	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	5			
12.75	0	12.76	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
12.75	0.005	12.76	0.005	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	1			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	65	0.0226	645,072	0.1986
12.76	0.028	23.99	0.035	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	11,492			
12.76	0.023	23.99	0.028	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	3,101			
12.76	0.04	23.99	0.041	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	12,313			
12.76	0.034	23.99	0.155	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	63,205			
12.76	0.009	23.99	0.007	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	486			
12.76	0.004	23.99	0.007	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	1,505			
12.76	0.014	23.99	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,182			
12.76	0.027	23.99	0.025	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	3,162			
12.76	0.044	23.99	0.03	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	4,499			
12.76	0	23.99	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
12.76	0.005	23.99	0.023	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	2,554			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	109,500	0.0337	535,572	

24 HR. ACTUAL COMPLIANCE TOTAL 0.0278

24 HR. COMPLIANCE STANDARD 0.105

IN COMPLIANCE

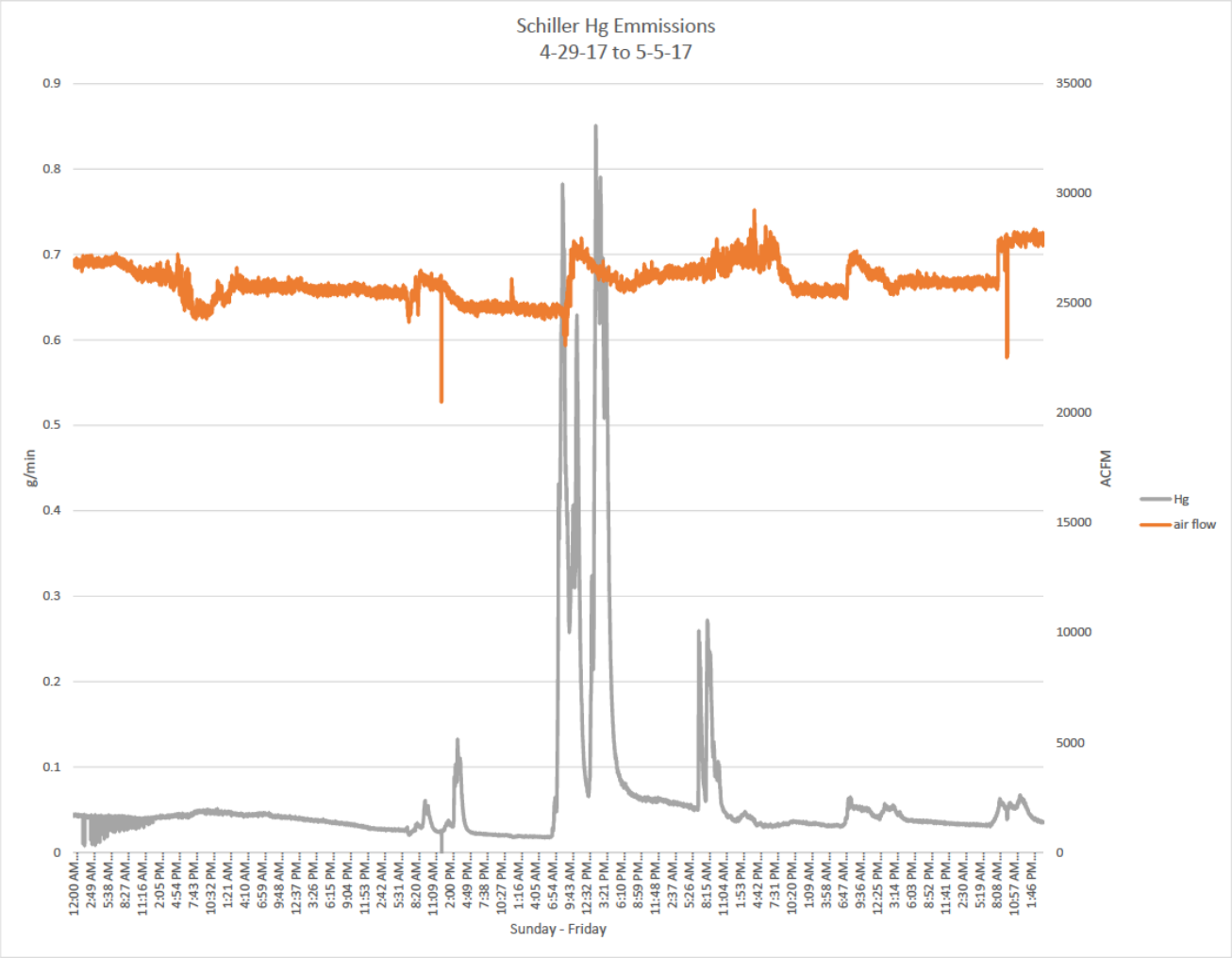
SCHILLER - MERCURY BOILER FACILITY ABATEMENT, DECOMMISSIONING & DEMOLITION PROJECT - ADJ. IN-STACK CONCENTRATION ACTUAL EMISSIONS 24 HOUR MERCURY DISCHARGE COMPLIANCE - 04-24-2017

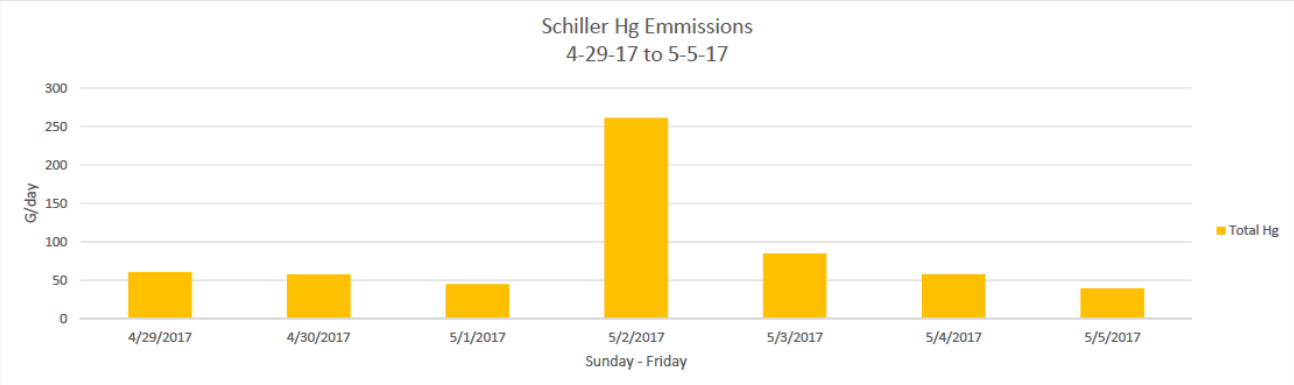
TIME START	CONC. START (MG/M³)	TIME END	CONC. END (MG/M³)	CONTAINMENT DESCRIPTION	HEPA INTAKE FLOOR ELEV.	LOCATION	# OF UNITS	CFM PER UNIT	TOTAL FLOWRATE (CFM)	TOTAL FLOWRATE (M³/SEC)	EMISSIONS (MG)	AVG. CONC (MG/M³)	BAL. EMISSIONS (MG)	AVG. CONC. TO FINISH (MG/M³)
0.00	0.021	6.50	0.021	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	4,434			
0.00	0.014	6.50	0.014	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	985			
0.00	0.022	6.50	0.022	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	3,871			
0.00	0.019	6.50	0.019	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	7,355			
0.00	0	6.50	0	Waste Loadout - El. 36	49 & 36	N	2	1,600	3,200	1.5040	0			
0.00	0	6.50	0	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	0			
0.00	0	6.50	0	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	0			
0.00	0.017	6.50	0.017	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	1,197			
0.00	0.023	6.50	0.023	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,619			
0.00	0	6.50	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
0.00	0	6.50	0	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	0			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	19,462	0.0104	708,802	0.1402
6.50	0.021	10.25	0.038	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	3,594			
6.50	0.014	10.25	0.049	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	1,279			
6.50	0.022	10.25	0.056	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	3,959			
6.50	0.019	10.25	0.064	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	9,269			
6.50	0	10.25	0.005	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	51			
6.50	0	10.25	0.003	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	137			
6.50	0	10.25	0.005	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	857			
6.50	0.017	10.25	0.023	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	812			
6.50	0.023	10.25	0.033	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,137			
6.50	0	10.25	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
6.50	0	10.25	0.019	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	579			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	21,673	0.0200	687,129	0.1729
10.25	0.038	13.50	0.054	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	4,857			
10.25	0.049	13.50	0.065	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	2,006			
10.25	0.056	13.50	0.041	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	4,267			
10.25	0.064	13.50	0.138	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	19,550			
10.25	0.005	13.50	0.005	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	88			
10.25	0.003	13.50	0.004	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	277			
10.25	0.005	13.50	0.004	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,336			
10.25	0.023	13.50	0.022	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	792			
10.25	0.033	13.50	0.031	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,126			
10.25	0	13.50	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
10.25	0.019	13.50	0	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	502			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	34,801	0.0371	652,328	0.2150
13.50	0.054	15.50	0.083	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	4,451			
13.50	0.065	15.50	0.064	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	1,397			
13.50	0.041	15.50	0.078	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	3,222			
13.50	0.138	15.50	0.113	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	14,949			
13.50	0.005	15.50	0.022	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	146			
13.50	0.004	15.50	0.027	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	755			
13.50	0.004	15.50	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	1,279			
13.50	0.022	15.50	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	531			
13.50	0.031	15.50	0.021	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	563			
13.50	0	15.50	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
13.50	0	15.50	0.007	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	114			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	27,406	0.0474	624,921	0.2544
15.50	0.083	23.99	0.083	Boiler #1& #2 - El. 89 to El. 55		59 SW	12	1,600	19,200	9.0240	22,892			
15.50	0.064	23.99	0.064	Boiler #1& #2 - El. 89 to El. 55		59 W	4	1,600	6,400	3.0080	5,884			
15.50	0.078	23.99	0.078	Boiler #1& #2 - El. 89 to El. 55	Mezzanine	W	10	1,600	16,000	7.5200	17,928			
15.50	0.113	23.99	0.113	Boiler #1& #2 - El. 89 to El. 55		82 S	22	1,600	35,200	16.5440	57,139			
15.50	0.022	23.99	0.022	Waste Loadout - El. 36		36 N	2	1,600	3,200	1.5040	1,011			
15.50	0.027	23.99	0.027	Coal Bunker Containment		59 N	9	1,600	14,400	6.7680	5,585			
15.50	0.01	23.99	0.01	Turbine Area Roof Fans	El. 82 Roof	E	2	27,000	54,000	25.3800	7,757			
15.50	0.027	23.99	0.027	Turbine #1 - El. 36		36	4	1,600	6,400	3.0080	2,482			
15.50	0.021	23.99	0.021	Turbine #2 - El. 36		36	4	1,600	6,400	3.0080	1,931			
15.50	0	23.99	0	Turbine #2 - El. 24		24	0	1,600	0	0.0000	0			
15.50	0.007	23.99	0.007	Precipitator - El. 24		24 W	6	1,600	9,600	4.5120	965			
									0	0.0000	0			
Time Period Totals									170,800	80.2760	123,574	0.0504	501,347	

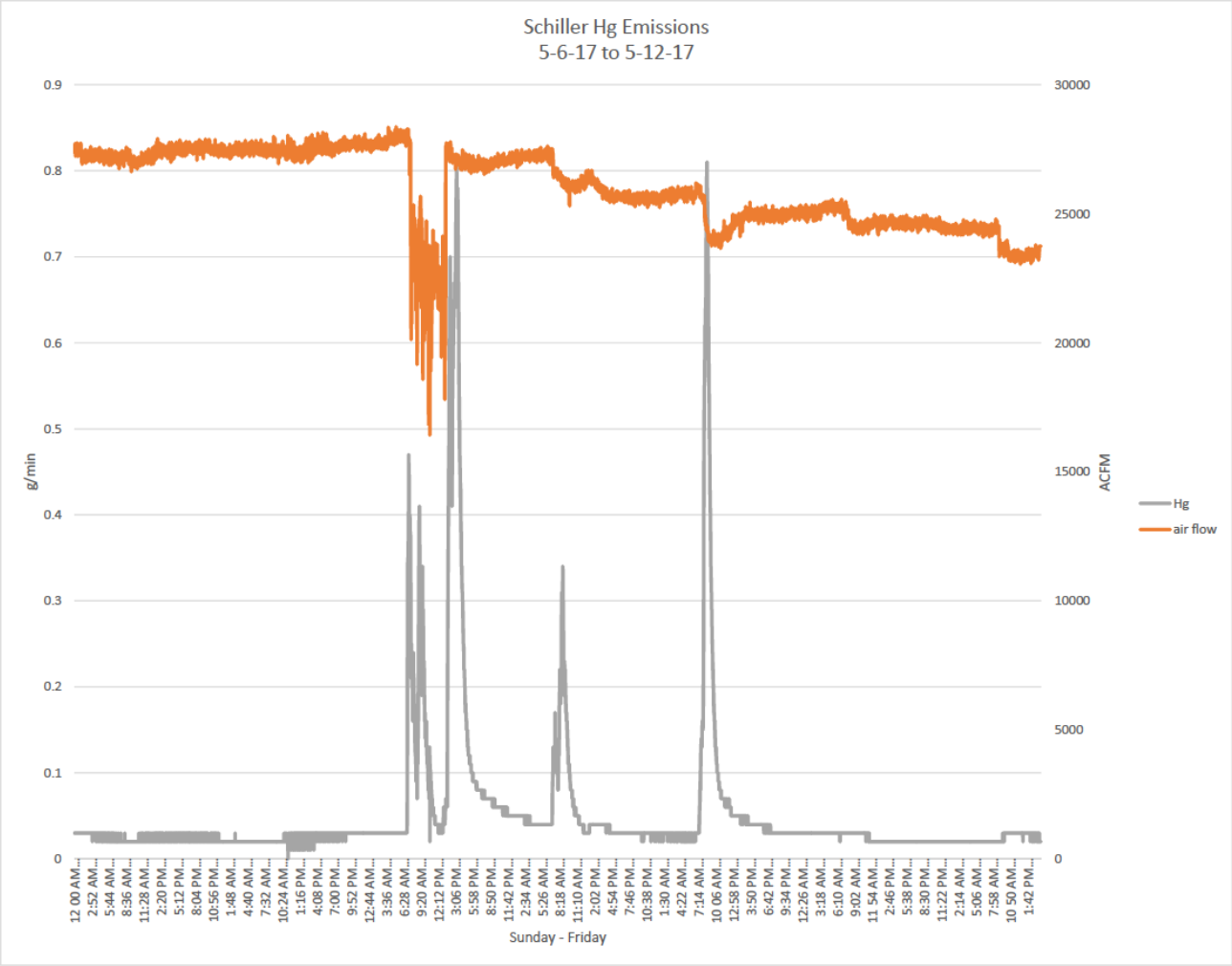
24 HR. ACTUAL COMPLIANCE TOTAL **0.0327**

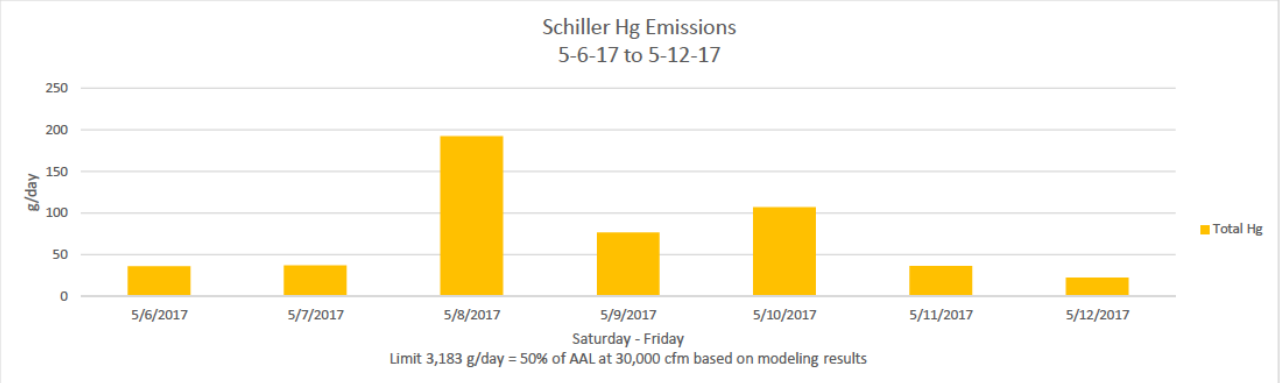
24 HR. COMPLIANCE STANDARD **0.105**

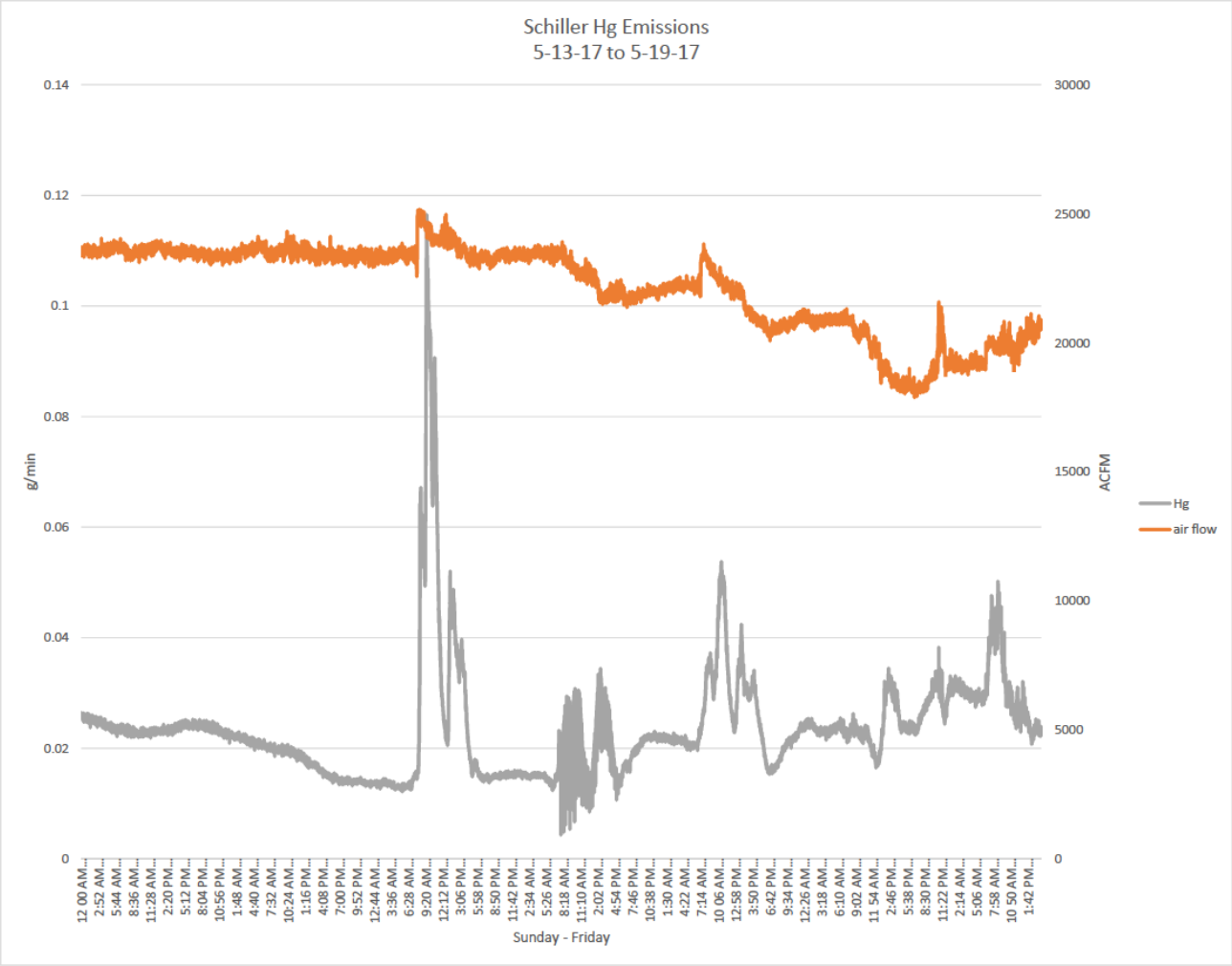
IN COMPLIANCE

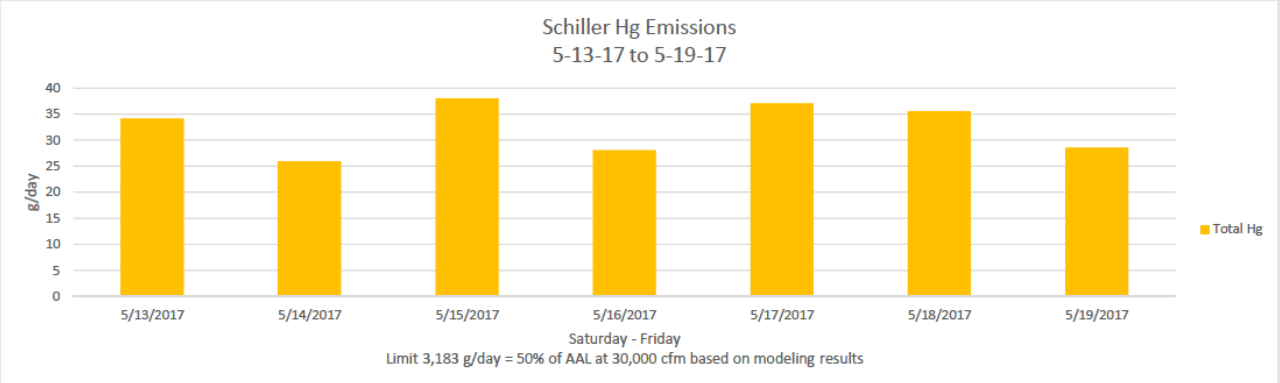

Schiller Hg Emmissions
4-29-17 to 5-5-17
g/min
ACFM
Hg
air flow
Sunday - Friday

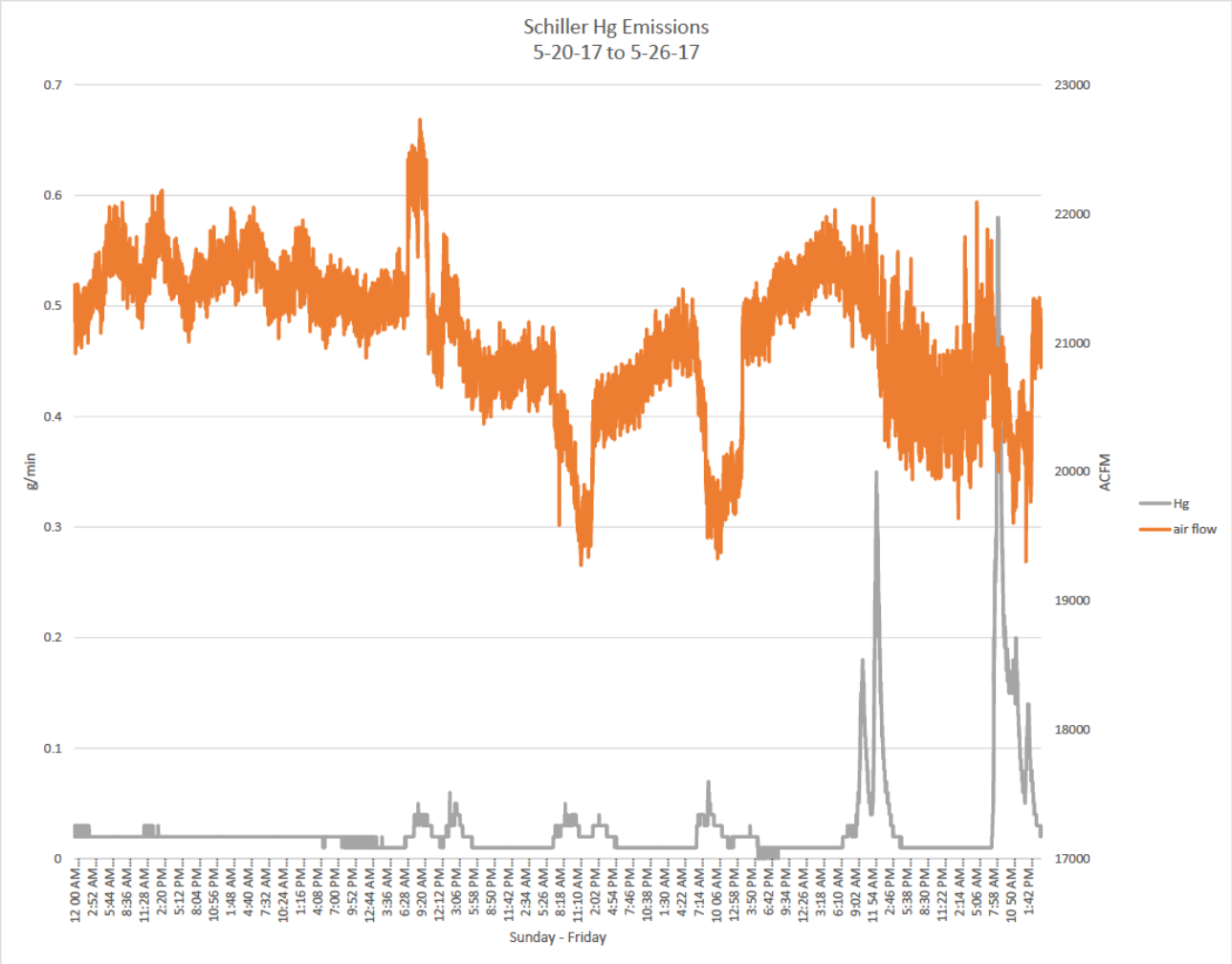

Schiller Hg Emmissions
4-29-17 to 5-5-17
G/day
Total Hg
4/29/2017
4/30/2017
5/1/2017
5/2/2017
5/3/2017
5/4/2017
5/5/2017
Sunday - Friday

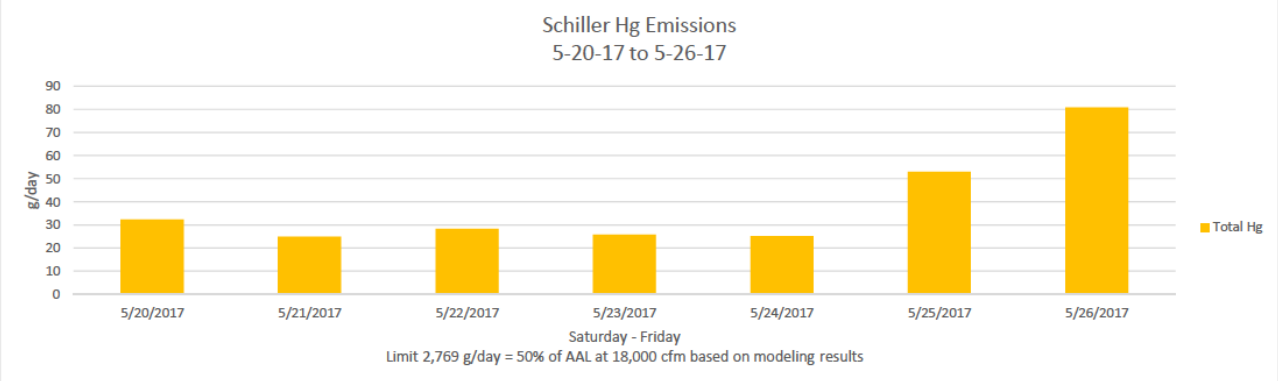

Schiller Hg Emissions
5-6-17 to 5-12-17
g/min
ACFM
Hg
air flow
Sunday - Friday

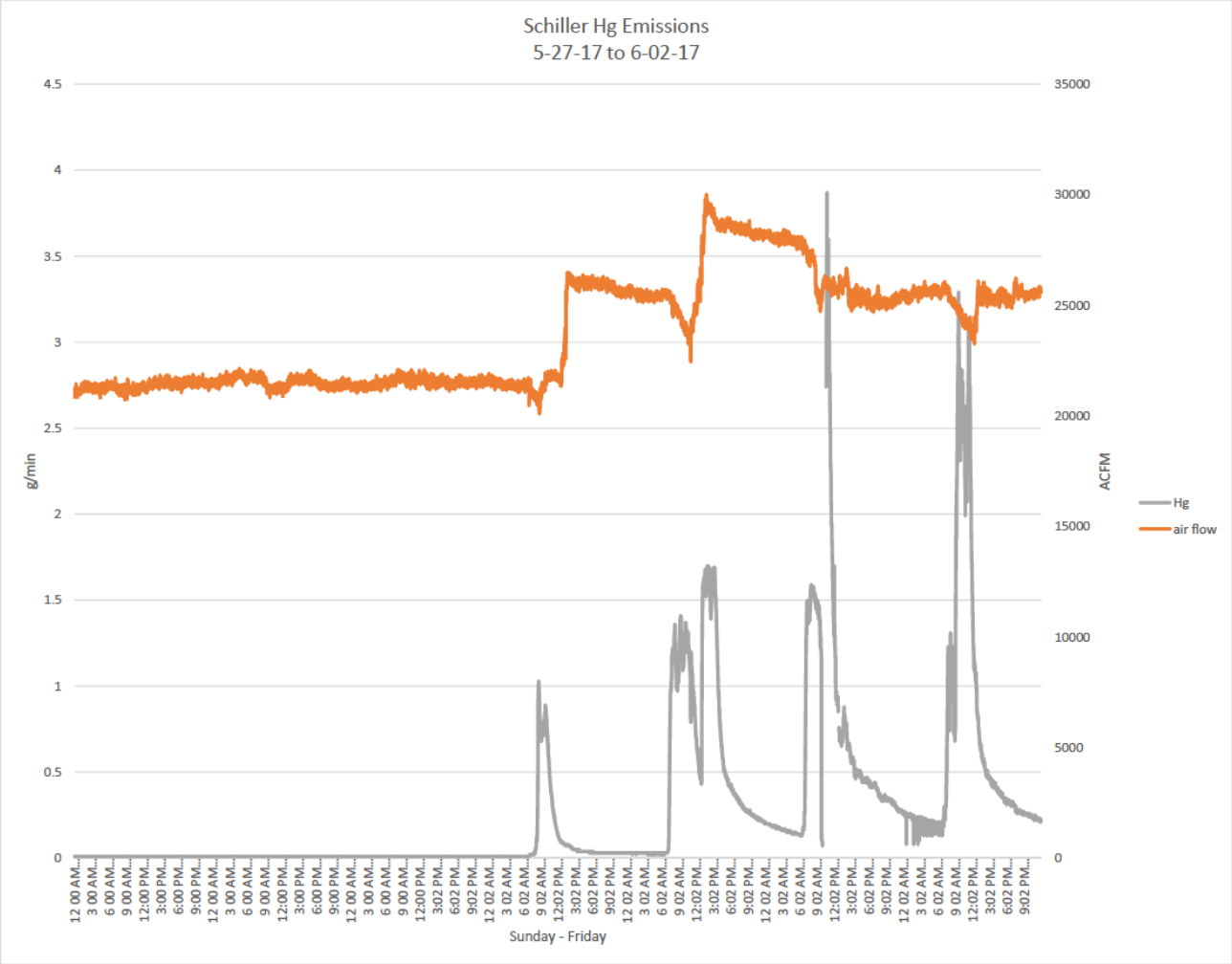

Schiller Hg Emissions
5-6-17 to 5-12-17
g/day
Total Hg
5/6/2017
5/7/2017
5/8/2017
5/9/2017
5/10/2017
5/11/2017
5/12/2017
Saturday - Friday
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results

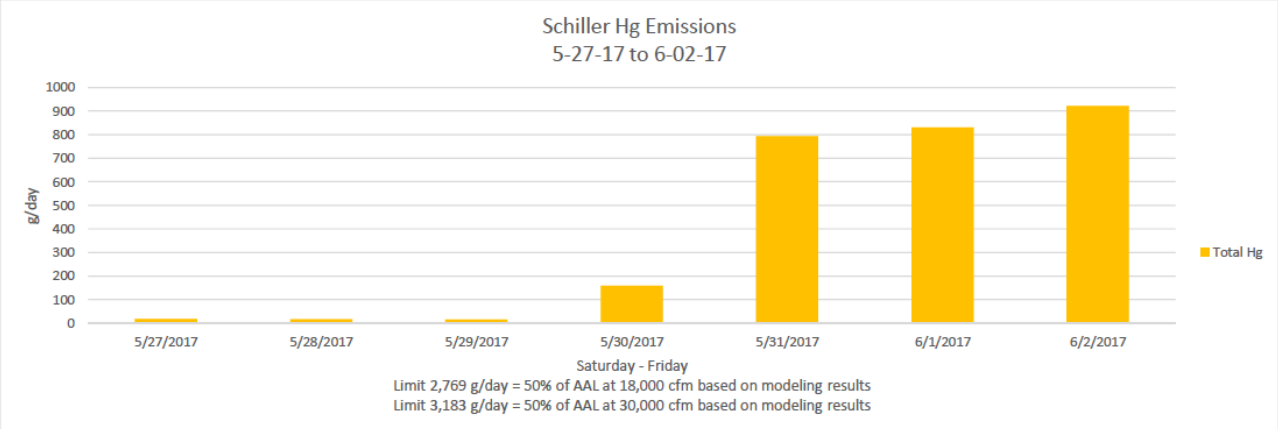

Schiller Hg Emissions
5-13-17 to 5-19-17
g/min
ACFM
Hg
air flow
Sunday - Friday

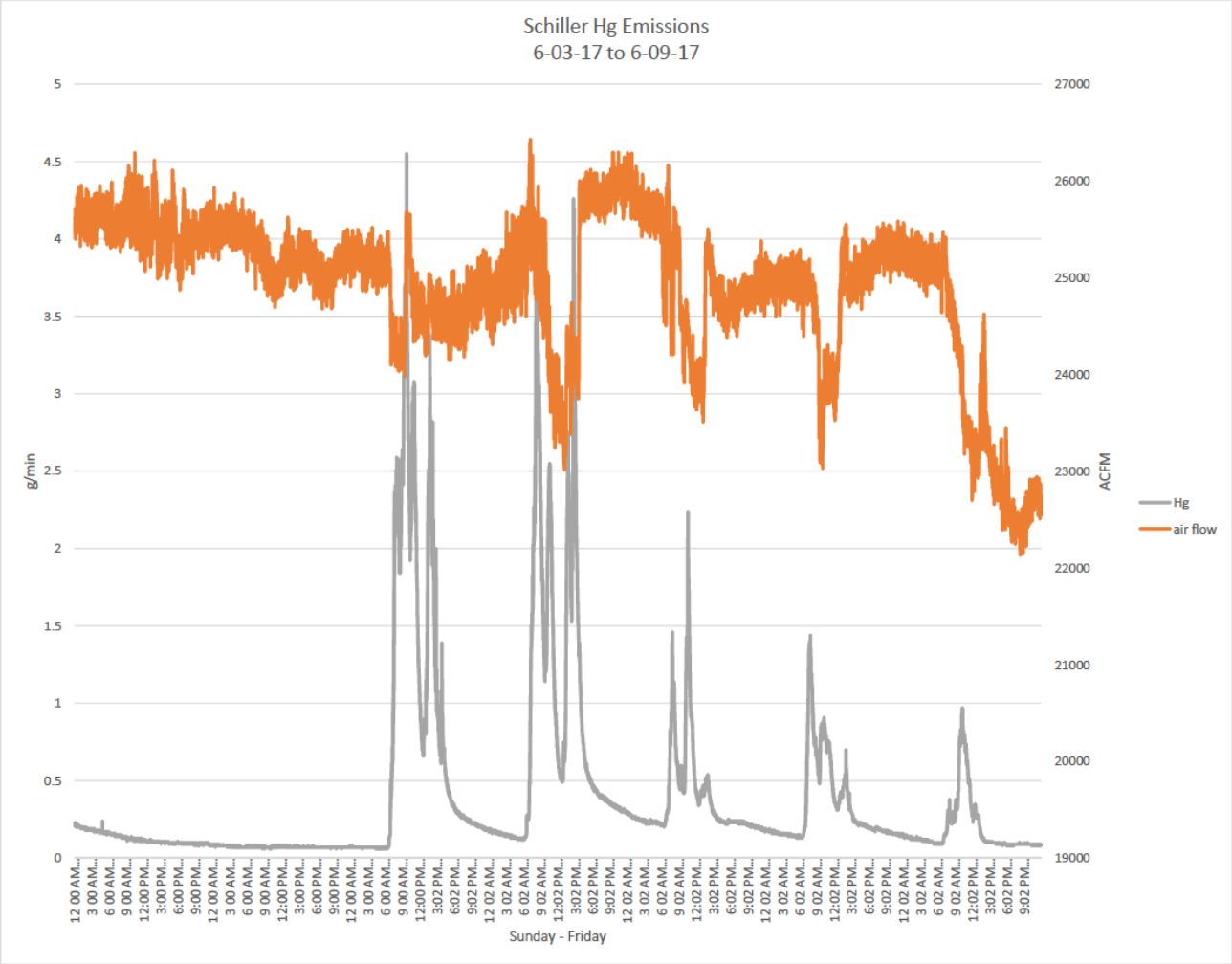

Schiller Hg Emissions
5-13-17 to 5-19-17
g/day
Total Hg
5/13/2017
5/14/2017
5/15/2017
5/16/2017
5/17/2017
5/18/2017
5/19/2017
Saturday - Friday
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results

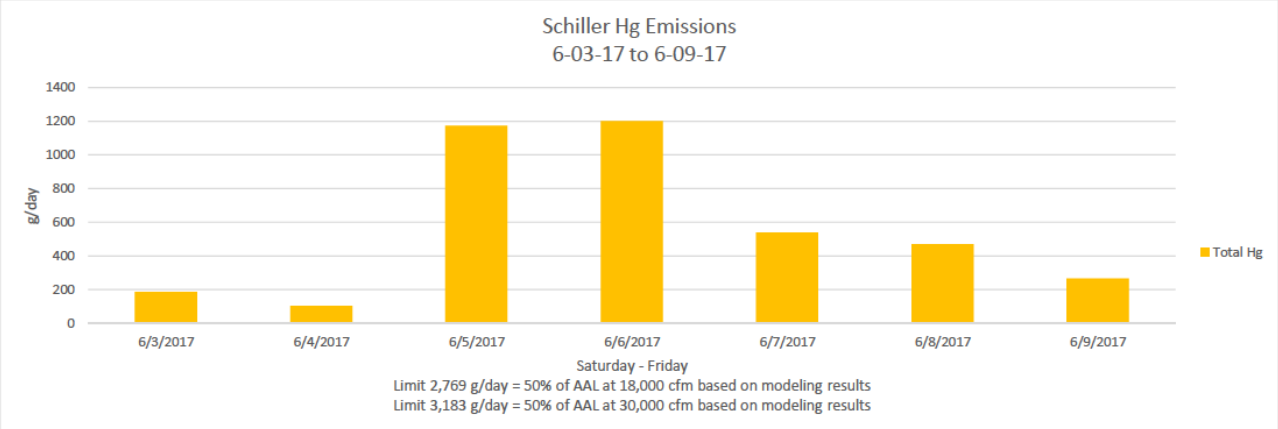

Schiller Hg Emissions
5-20-17 to 5-26-17
g/min
ACFM
Hg
air flow
Sunday - Friday

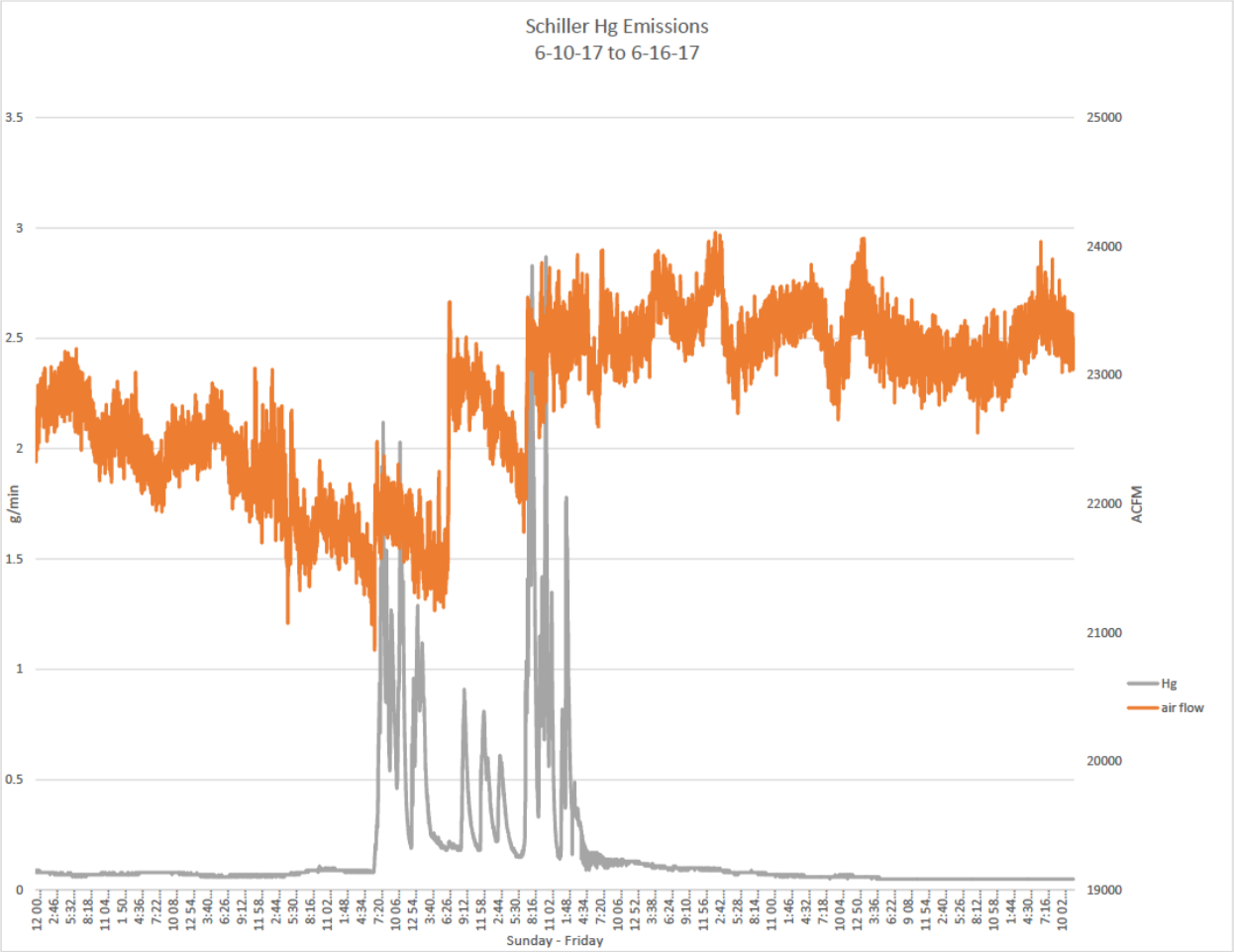

Schiller Hg Emissions
5-20-17 to 5-26-17
g/day
Total Hg
5/20/2017
5/21/2017
5/22/2017
5/23/2017
5/24/2017
5/25/2017
5/26/2017
Saturday - Friday
Limit 2,769 g/day = 50% of AAL at 18,000 cfm based on modeling results

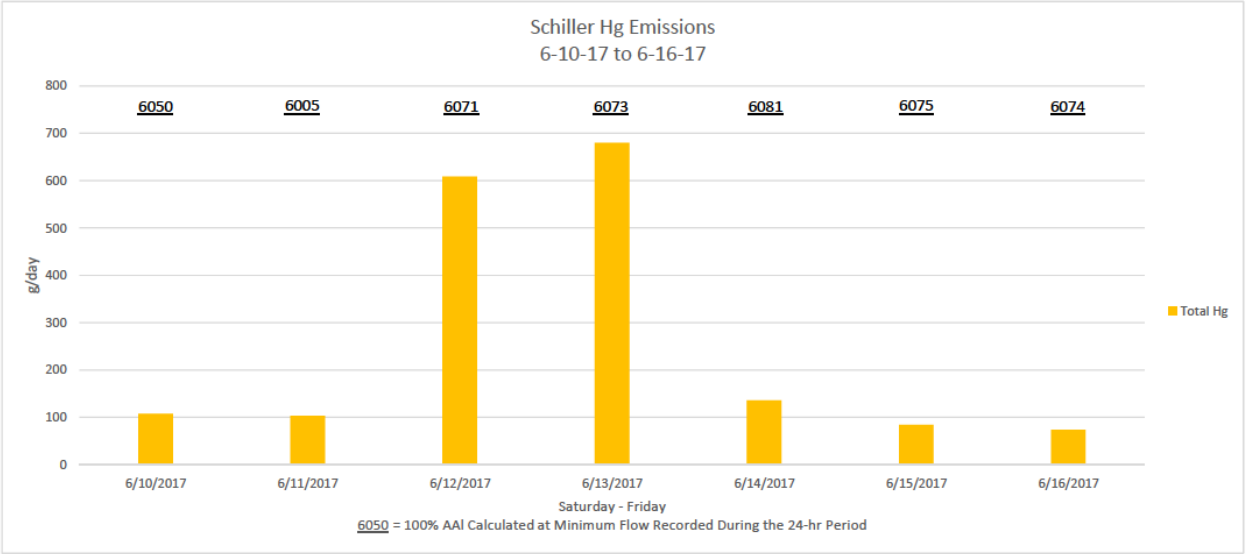

Schiller Hg Emissions
5-27-17 to 6-02-17
g/min
ACFM
Hg
air flow
Sunday - Friday

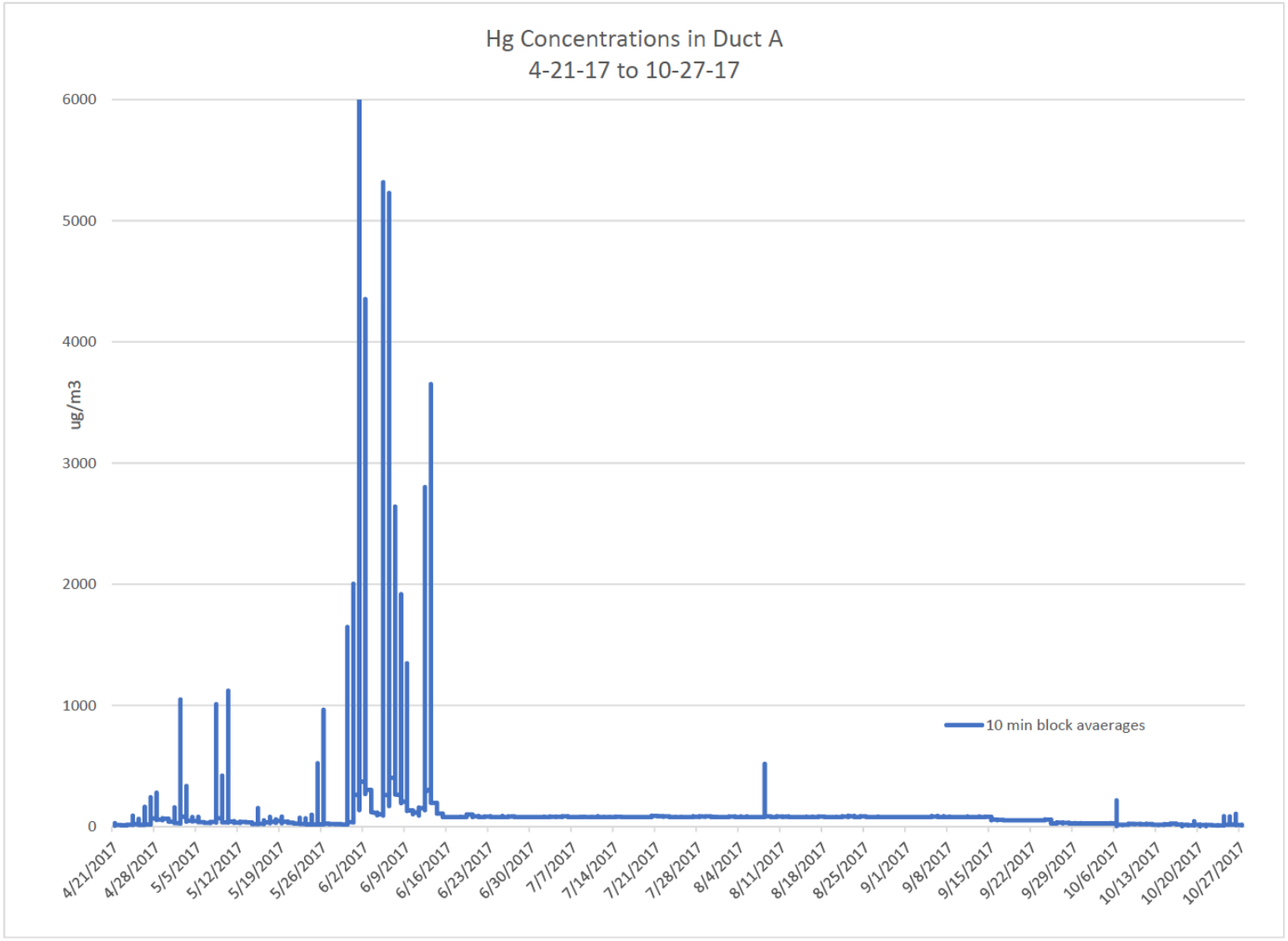

Schiller Hg Emissions
5-27-17 to 6-02-17
g/day
Total Hg
5/27/2017
5/28/2017
5/29/2017
5/30/2017
5/31/2017
6/1/2017
6/2/2017
Saturday - Friday
Limit 2,769 g/day = 50% of AAL at 18,000 cfm based on modeling results
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results


Schiller Hg Emissions
6-03-17 to 6-09-17
g/min
ACFM
Hg
air flow
Sunday - Friday


Schiller Hg Emissions
6-03-17 to 6-09-17
g/day
Total Hg
6/3/2017
6/4/2017
6/5/2017
6/6/2017
6/7/2017
6/8/2017
6/9/2017
Saturday - Friday
Limit 2,769 g/day = 50% of AAL at 18,000 cfm based on modeling results
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results


Schiller Hg Emissions
6-10-17 to 6-16-17
g/min
ACFM
Hg
air flow
Sunday - Friday


Schiller Hg Emissions
6-10-17 to 6-16-17
6050
6005
6071
6073
6081
6075
6074
g/day
Total Hg
6/10/2017
6/11/2017
6/12/2017
6/13/2017
6/14/2017
6/15/2017
6/16/2017
Saturday - Friday
6050 = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period


Hg Concentrations in Duct A
4-21-17 to 10-27-17
ug/m3
6000
5000
4000
3000
2000
1000
0
10 min block avaerages
4/21/2017
4/28/2017
5/5/2017
5/12/2017
5/19/2017
5/26/2017
6/2/2017
6/9/2017
6/16/2017
6/23/2017
6/30/2017
7/7/2017
7/14/2017
7/21/2017
7/28/2017
8/4/2017
8/11/2017
8/18/2017
8/25/2017
9/1/2017
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9/22/2017
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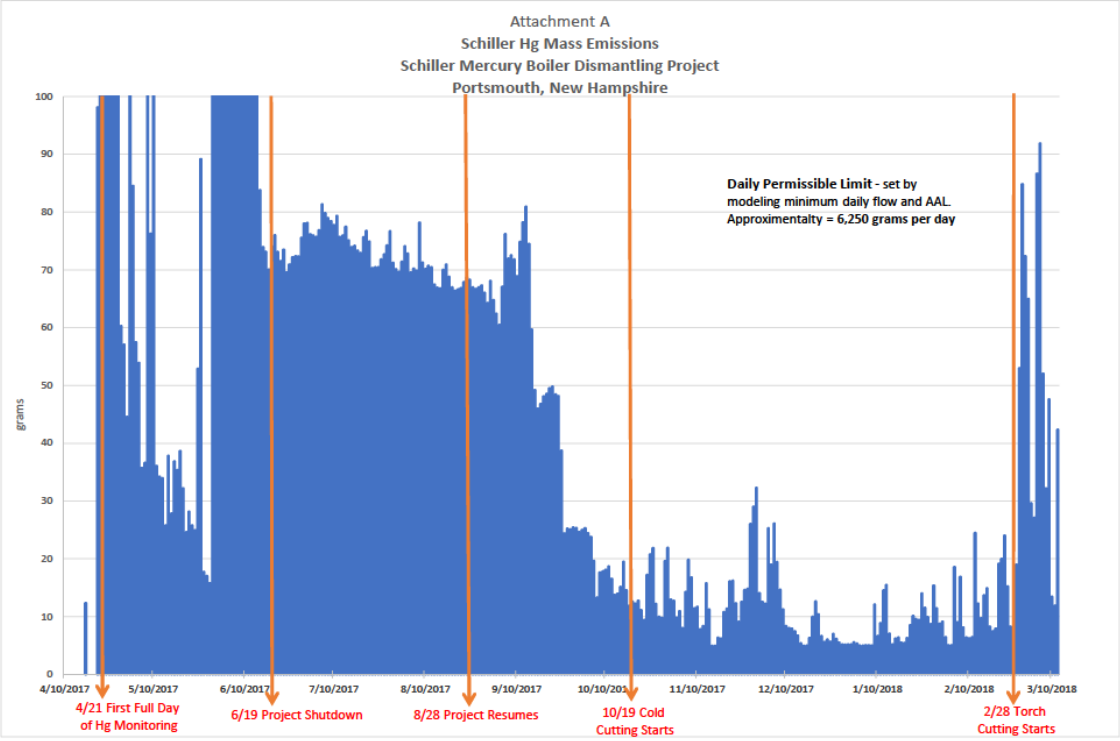
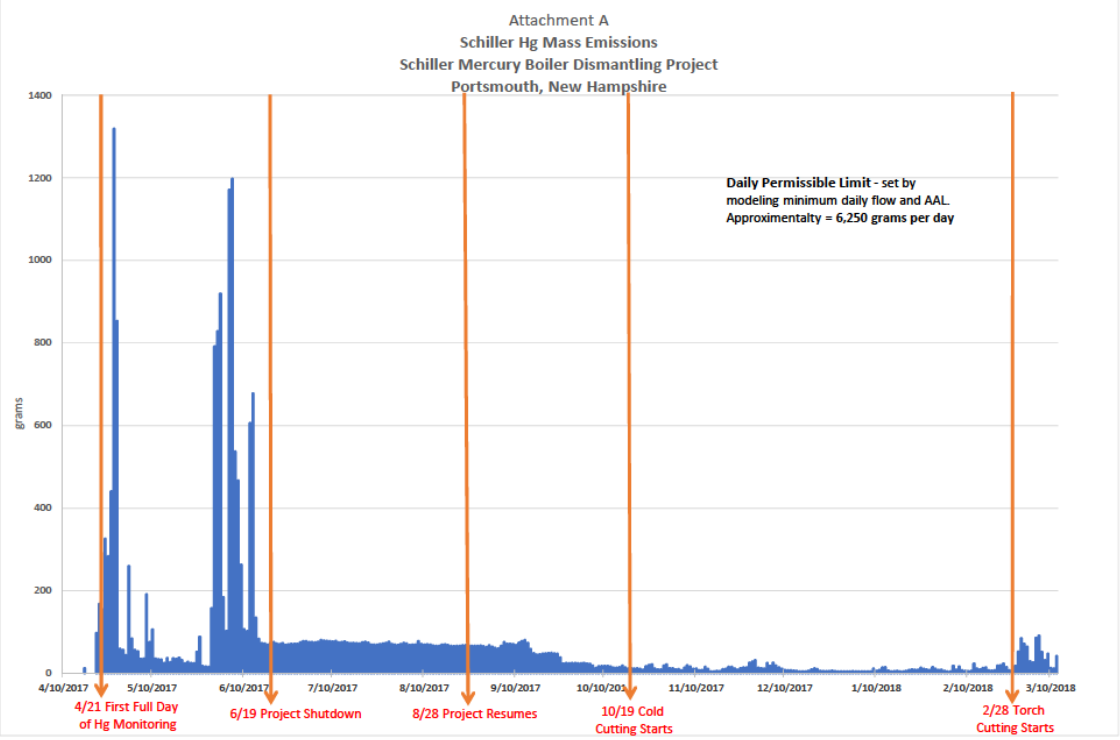
10/6/2017
10/13/2017
10/20/2017
10/27/2017


Attachment A
Schiller Hg Mass Emissions
Schiller Mercury Boiler Dismantling Project
Portsmouth, New Hampshire
grams
Daily Permissible Limit - set by modeling minimum daily flow and AAL. Approximentalty = 6,250 grams per day
4/21 First Full Day of Hg Monitoring
6/19 Project Shutdown
8/28 Project Resumes
10/19 Cold Cutting Starts
2/28 Torch Cutting Starts


Attachment A
Schiller Hg Mass Emissions
Schiller Mercury Boiler Dismantling Project
Portsmouth, New Hampshire
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4/21 First Full Day of Hg Monitoring
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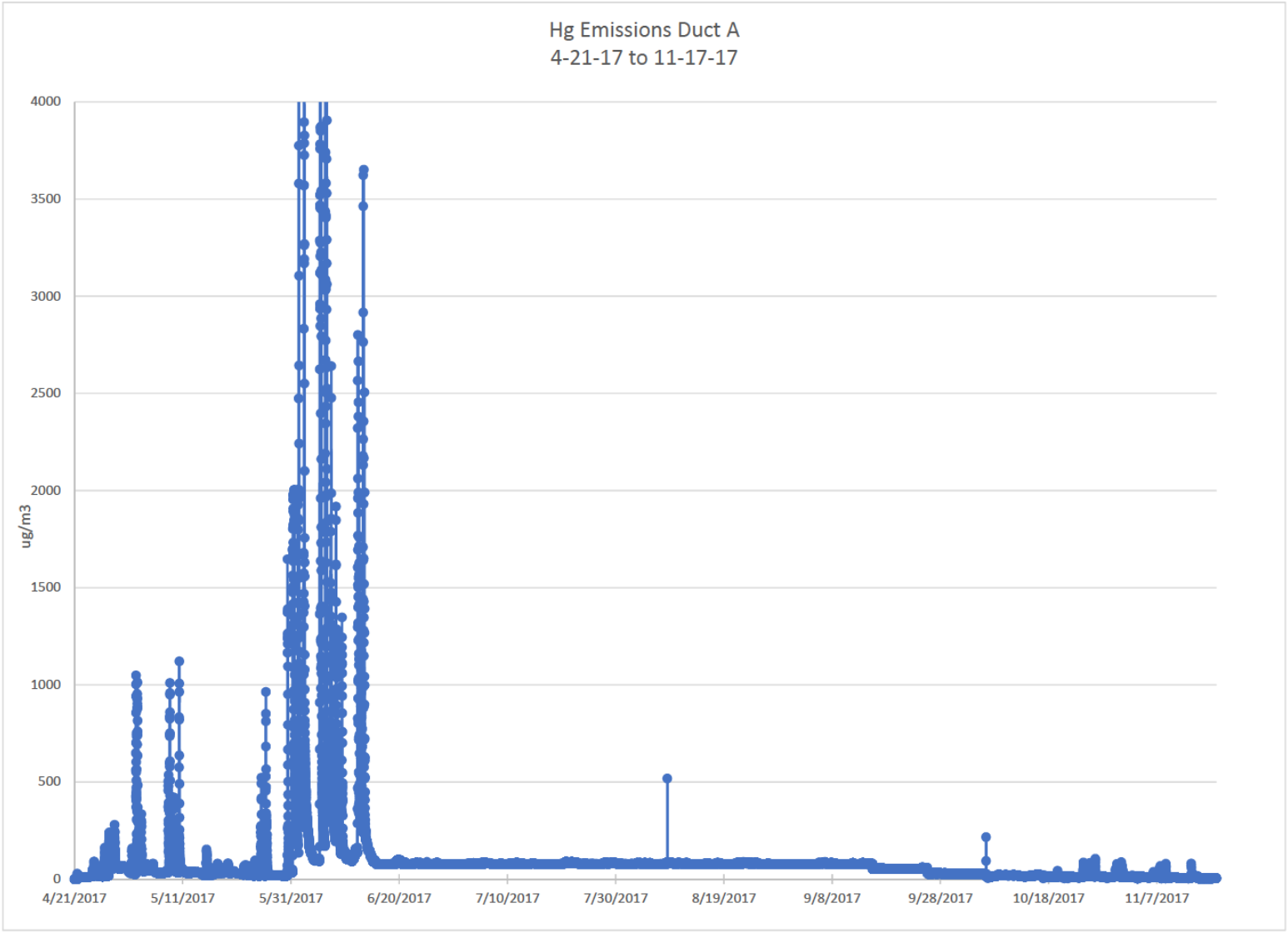
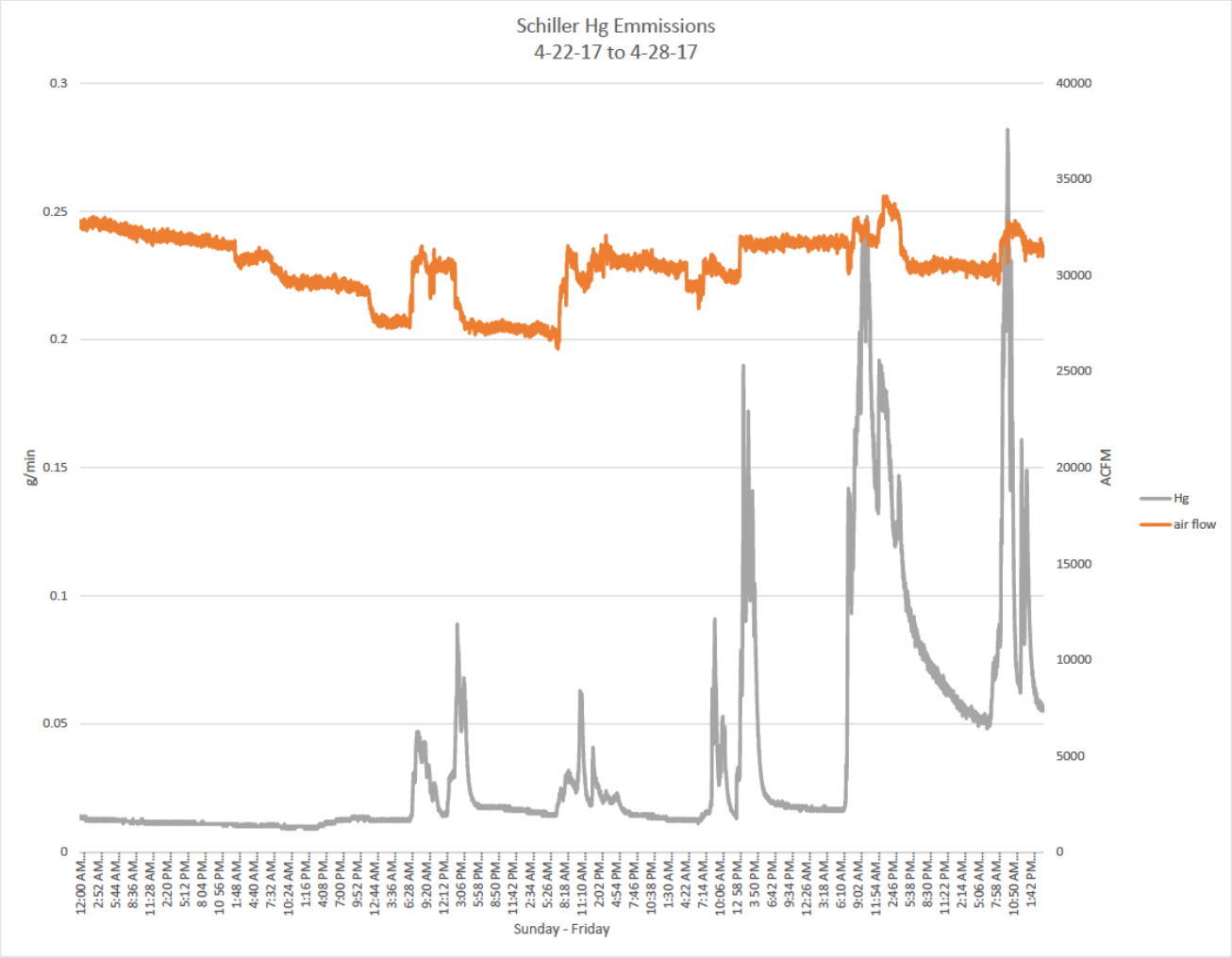
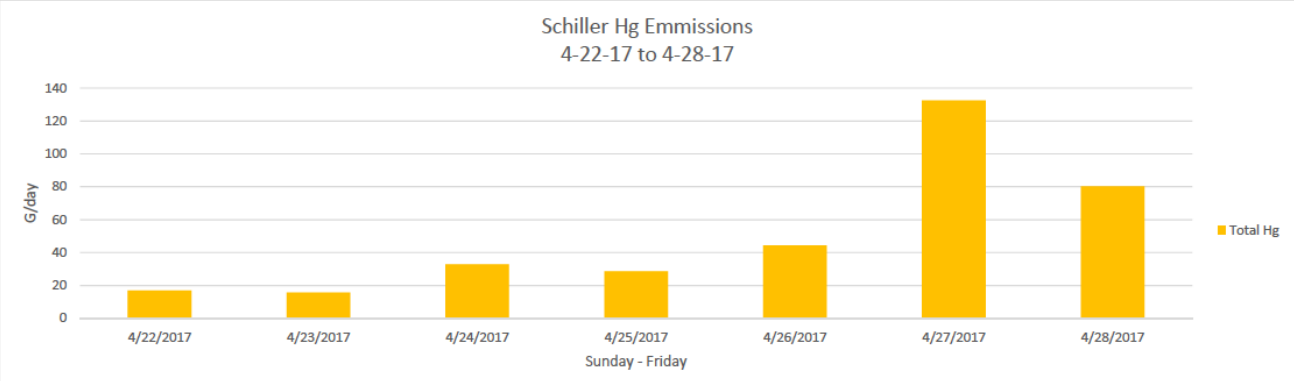
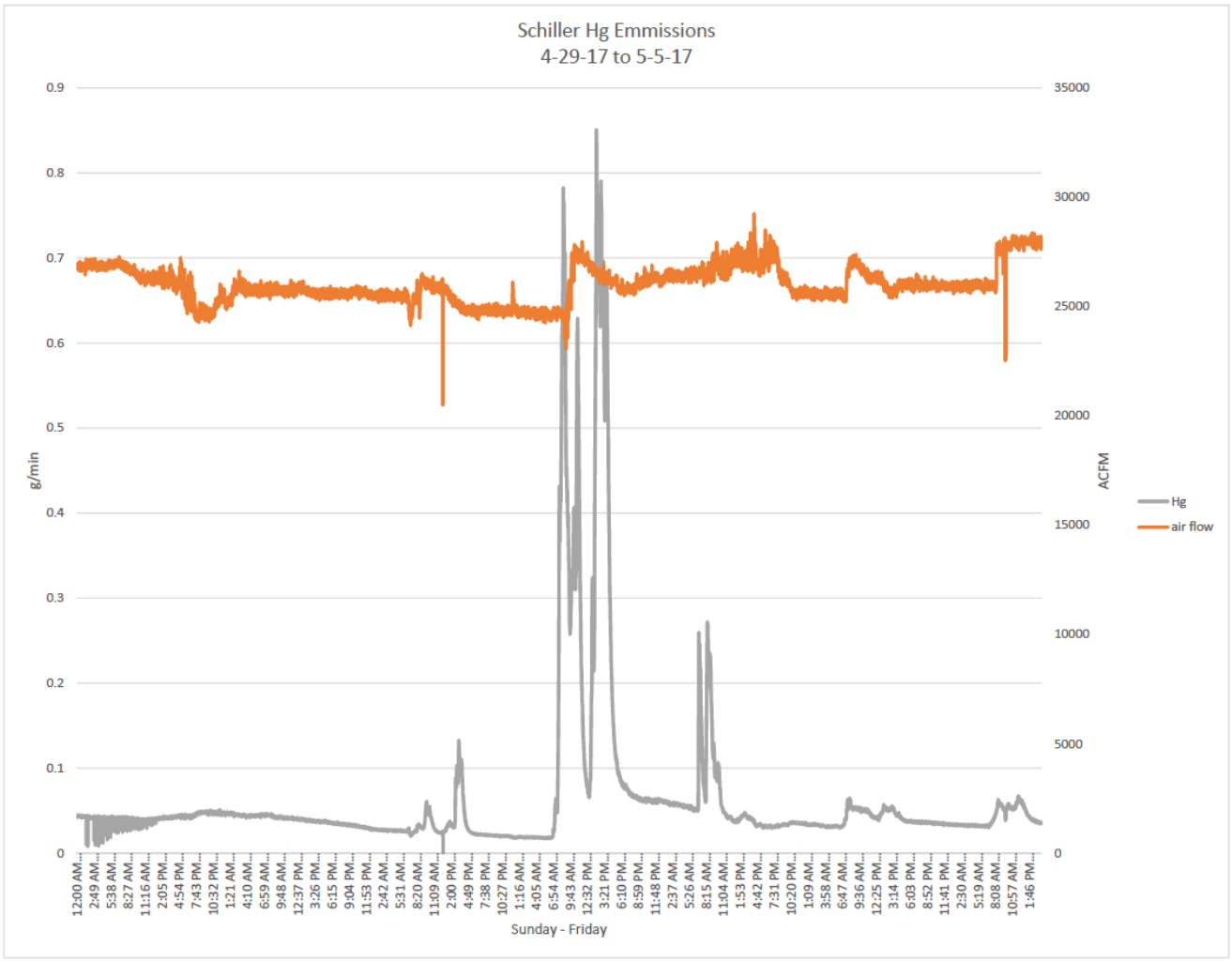
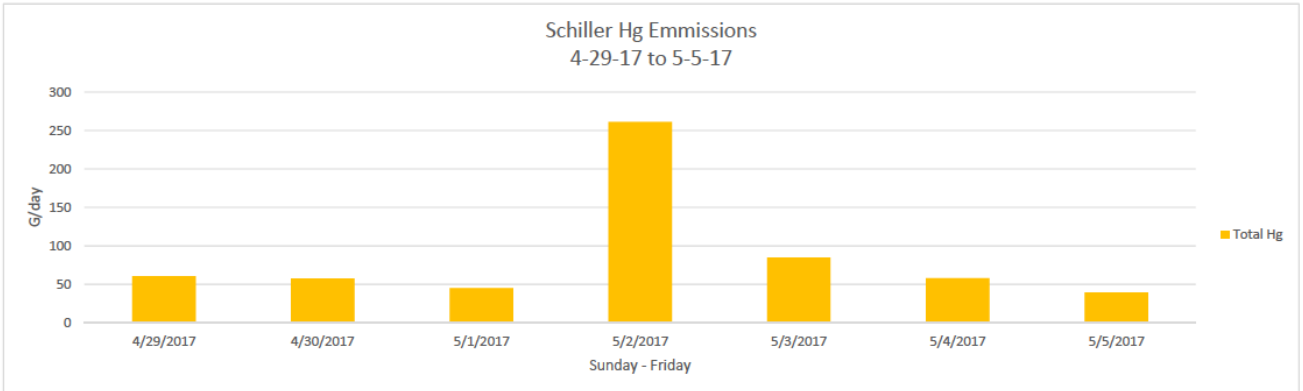
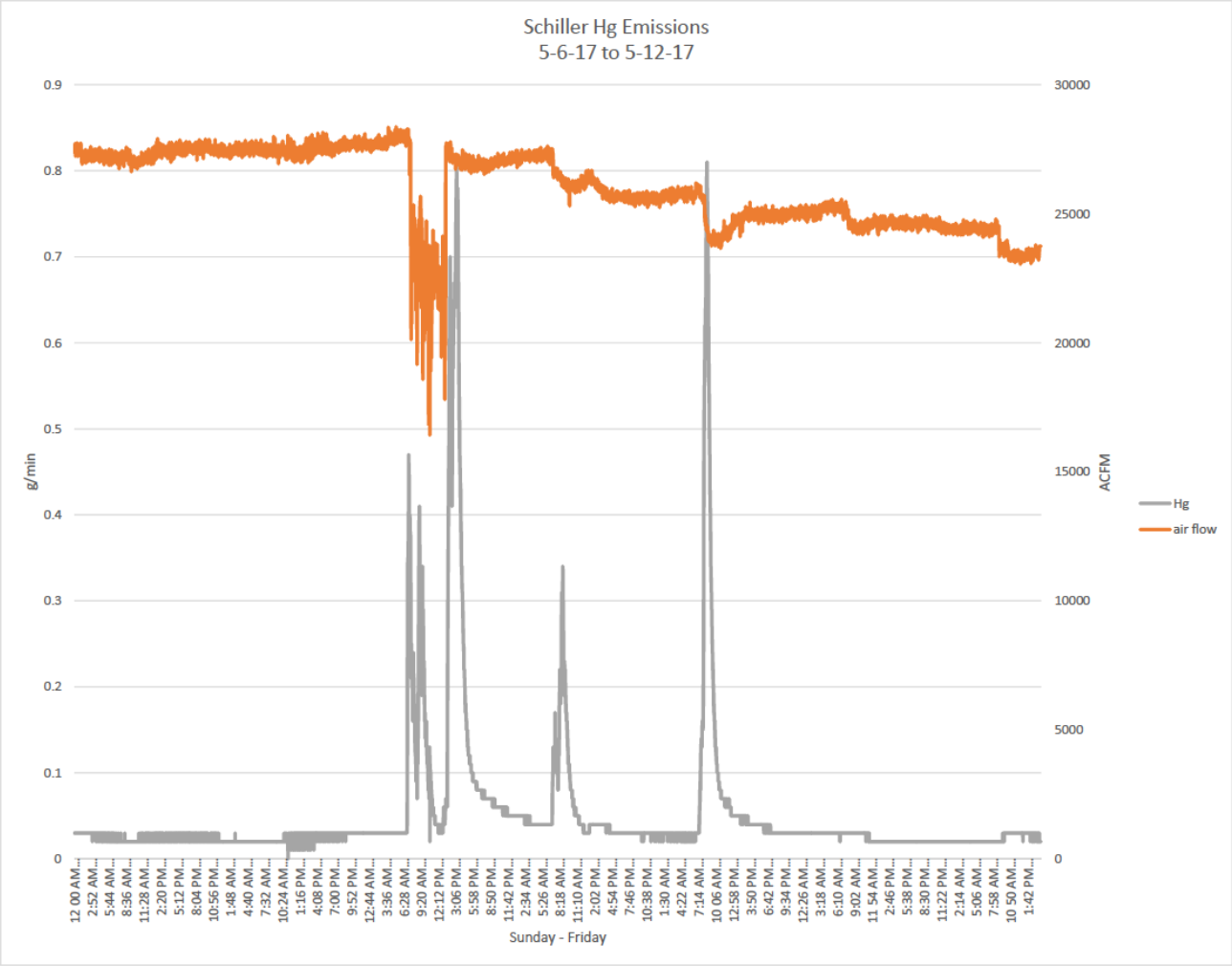

Hg Emissions Duct A
4-21-17 to 11-17-17
ug/m3
4000
3500
3000
2500
2000
1500
1000
500
0
4/21/2017
5/11/2017
5/31/2017
6/20/2017
7/10/2017
7/30/2017
8/19/2017
9/8/2017
9/28/2017
10/18/2017
11/7/2017

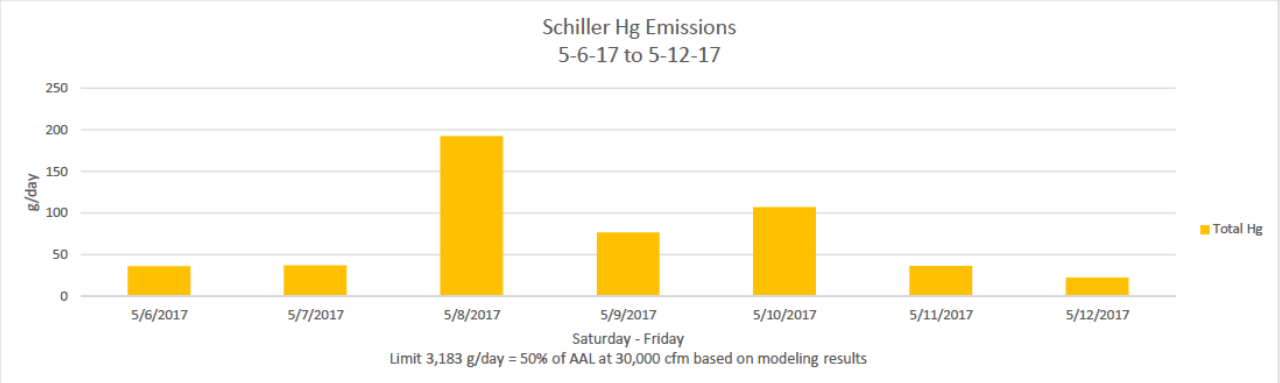

Schiller Hg Emmissions
4-22-17 to 4-28-17
g/min
ACFM
Hg
air flow
Sunday - Friday

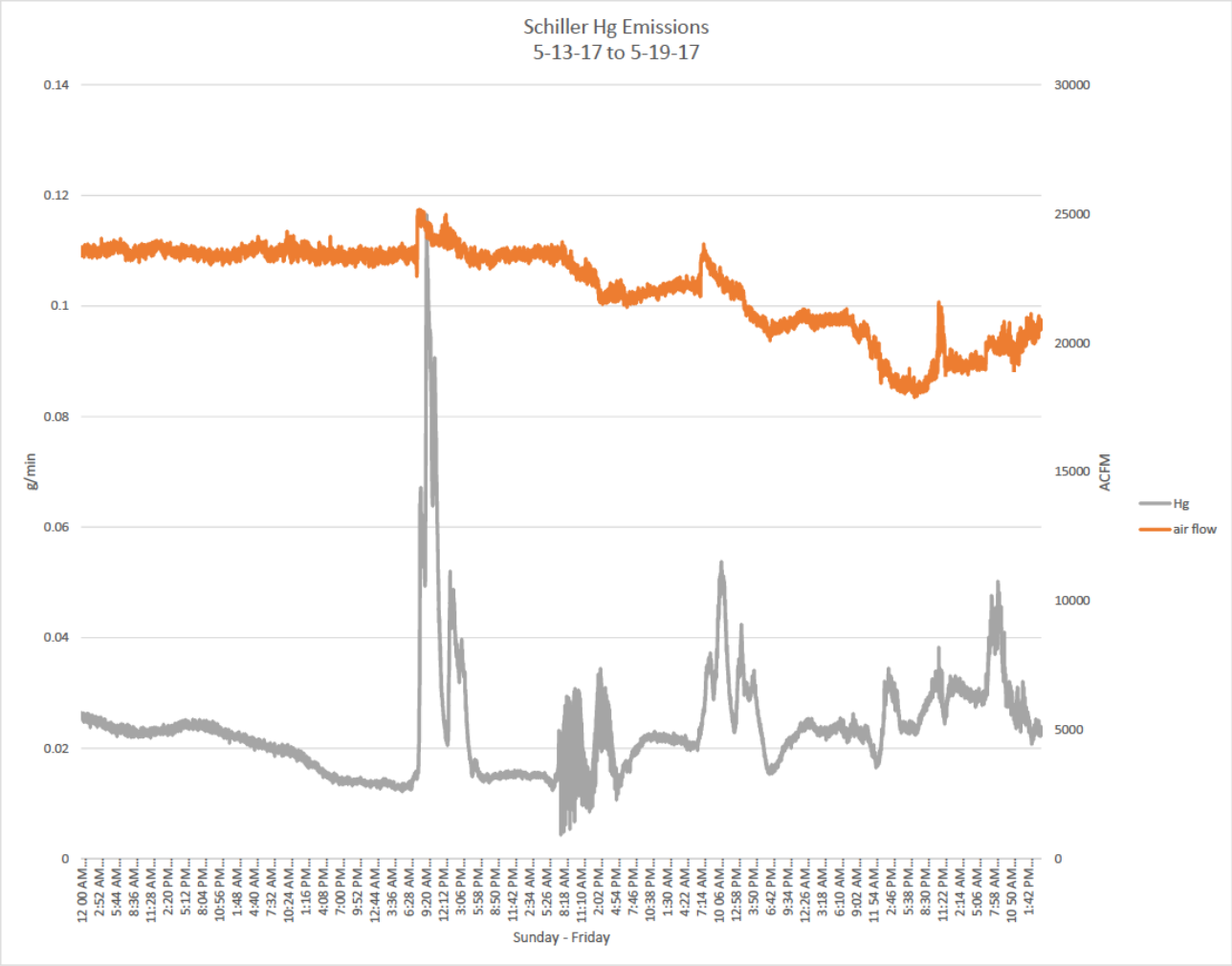

Schiller Hg Emmissions
4-22-17 to 4-28-17
G/day
Total Hg
4/22/2017
4/23/2017
4/24/2017
4/25/2017
4/26/2017
4/27/2017
4/28/2017
Sunday - Friday

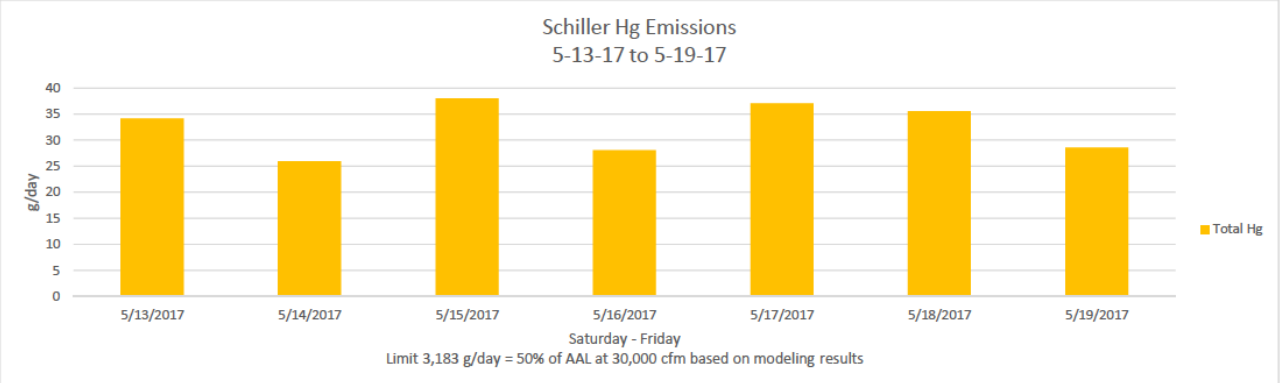

Schiller Hg Emmissions
4-29-17 to 5-5-17
g/min
ACFM
Hg
air flow
Sunday - Friday

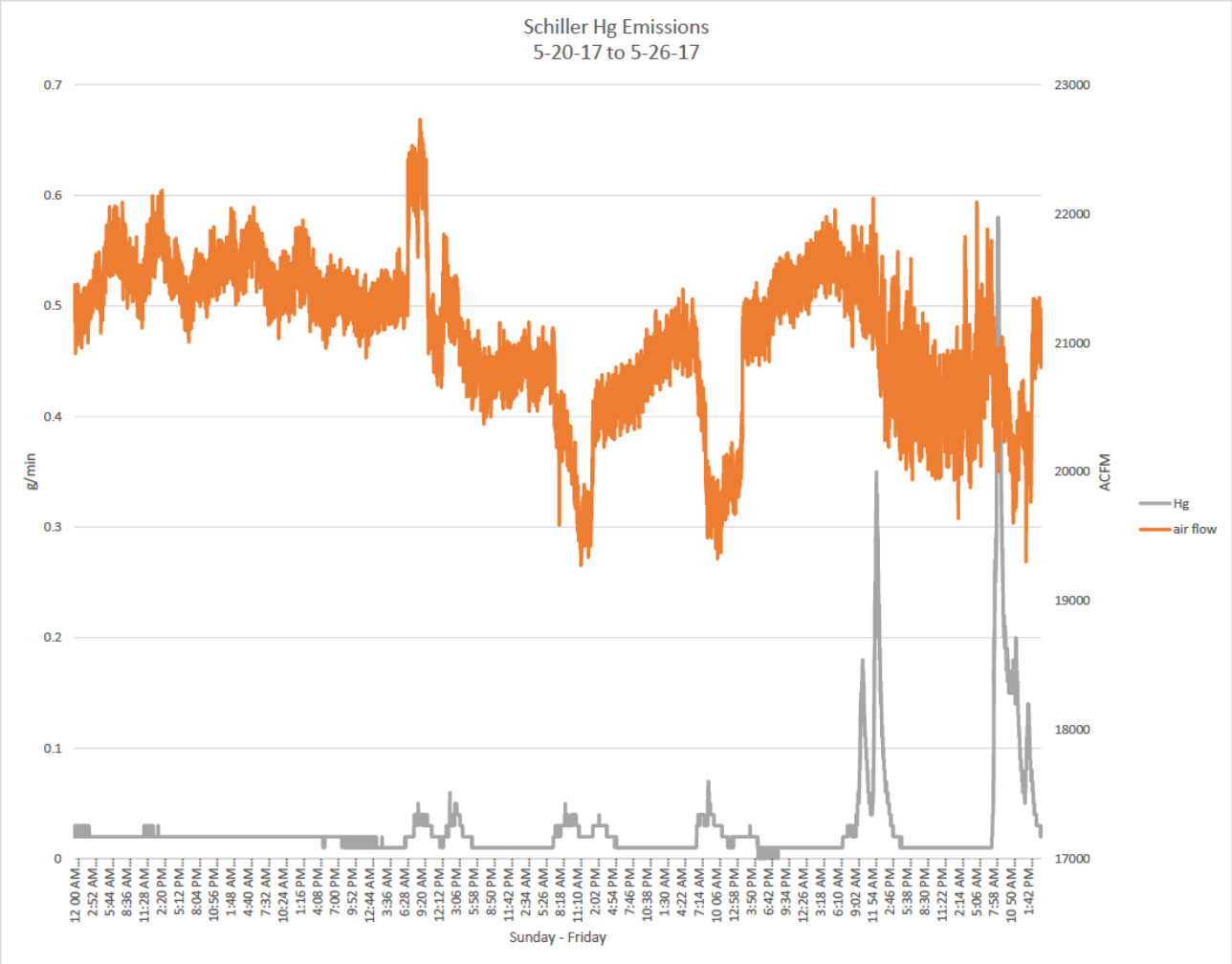

Schiller Hg Emmissions
4-29-17 to 5-5-17
G/day
Total Hg
4/29/2017
4/30/2017
5/1/2017
5/2/2017
5/3/2017
5/4/2017
5/5/2017
Sunday - Friday

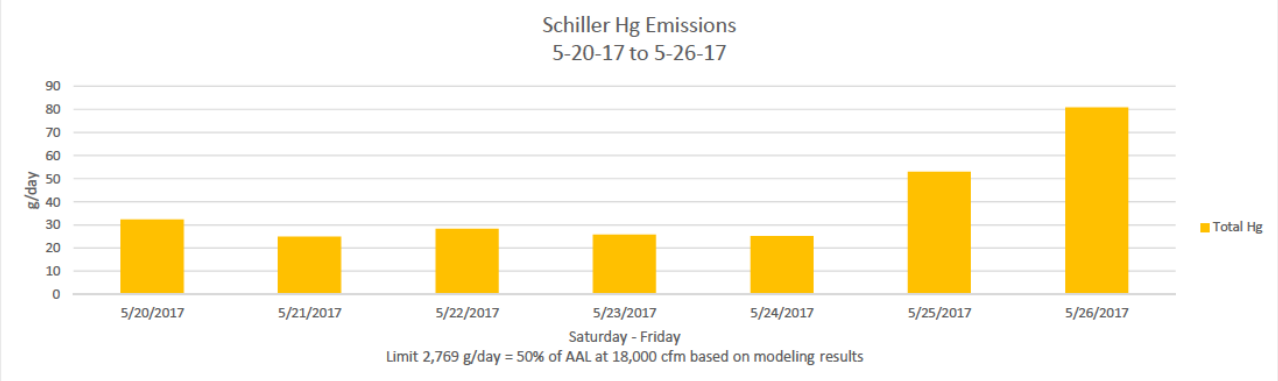

Schiller Hg Emissions
5-6-17 to 5-12-17
g/min
ACFM
Hg
air flow
Sunday - Friday

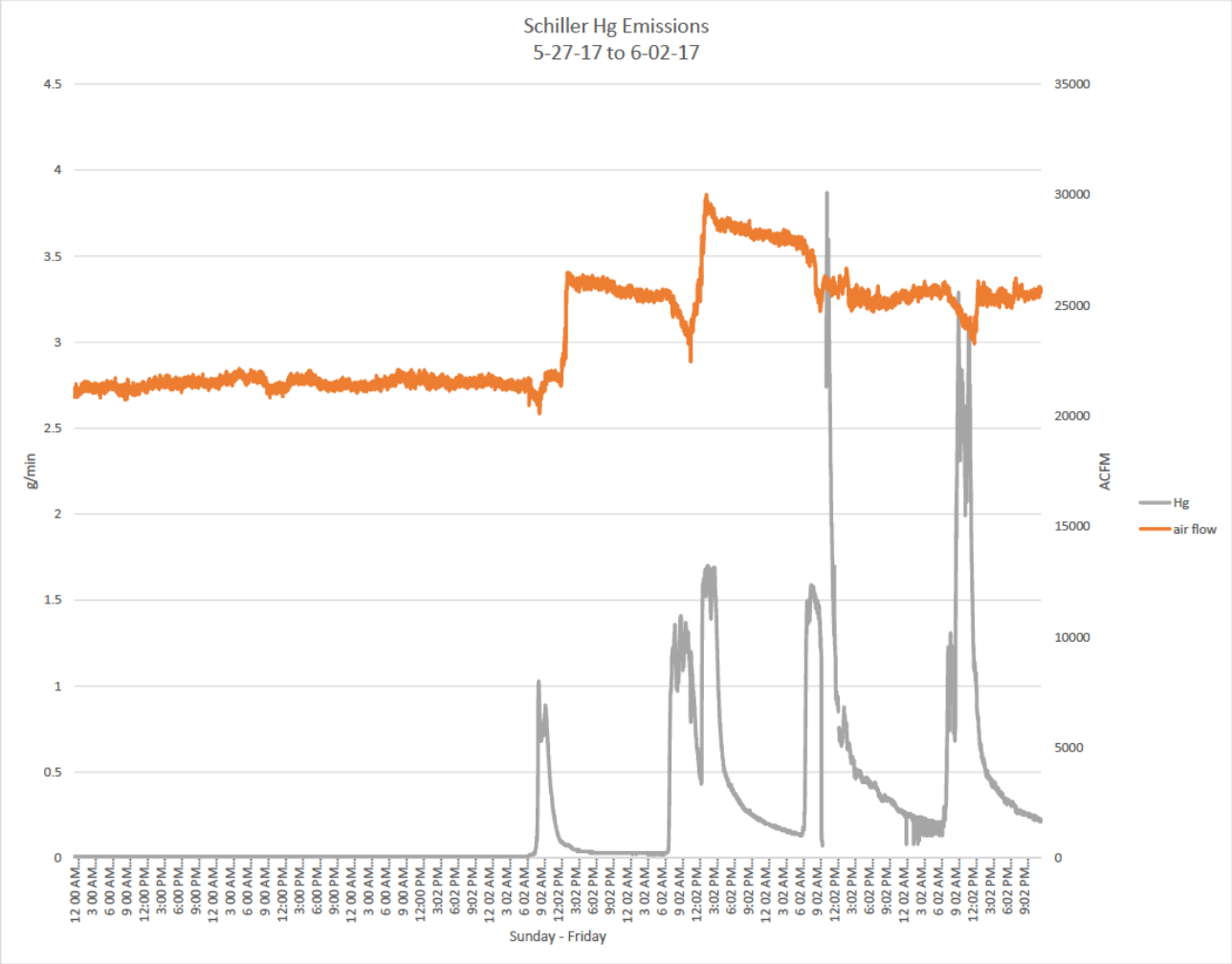

Schiller Hg Emissions
5-6-17 to 5-12-17
g/day
Total Hg
5/6/2017
5/7/2017
5/8/2017
5/9/2017
5/10/2017
5/11/2017
5/12/2017
Saturday - Friday
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results

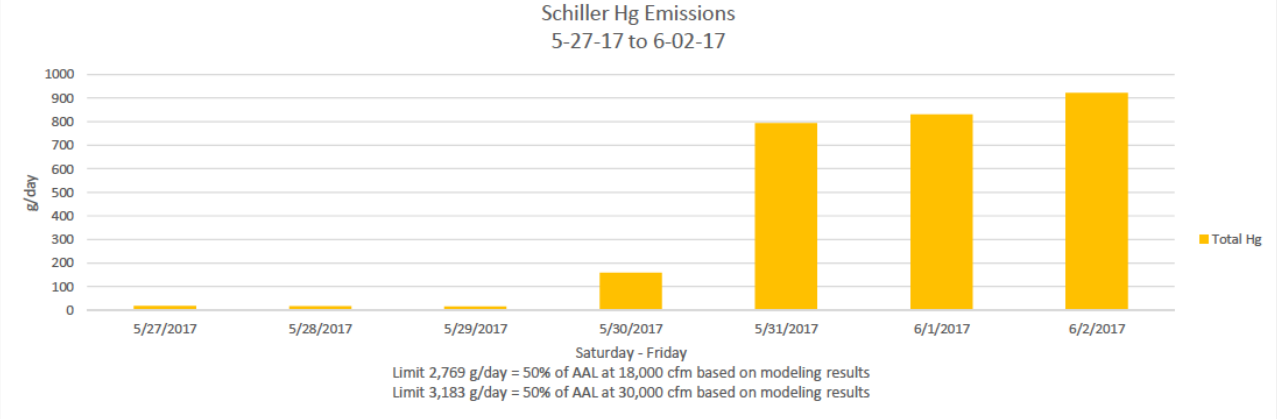

Schiller Hg Emissions
5-13-17 to 5-19-17
g/min
ACFM
Hg
air flow
Sunday - Friday

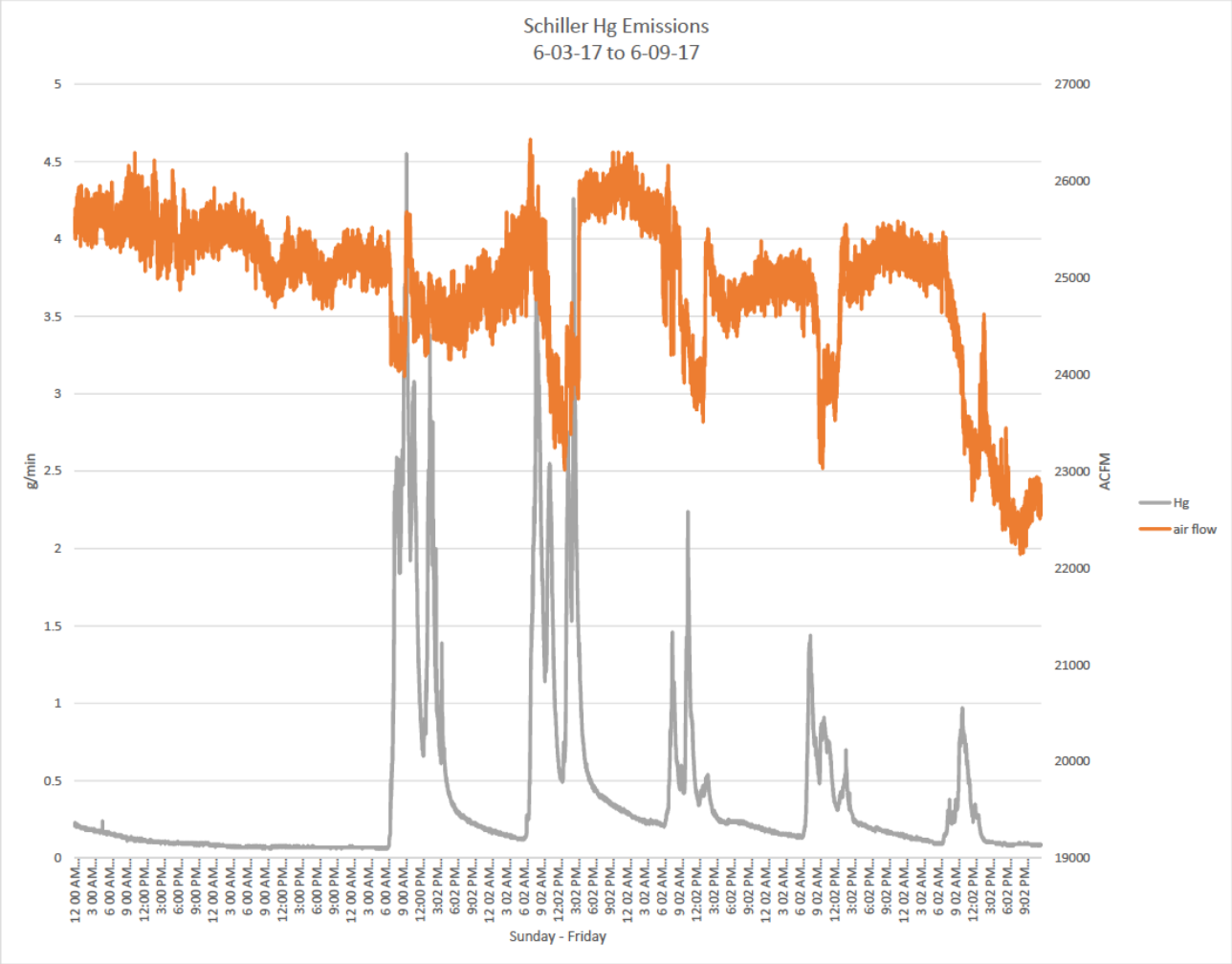

Schiller Hg Emissions
5-13-17 to 5-19-17
g/day
Total Hg
5/13/2017
5/14/2017
5/15/2017
5/16/2017
5/17/2017
5/18/2017
5/19/2017
Saturday - Friday
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results

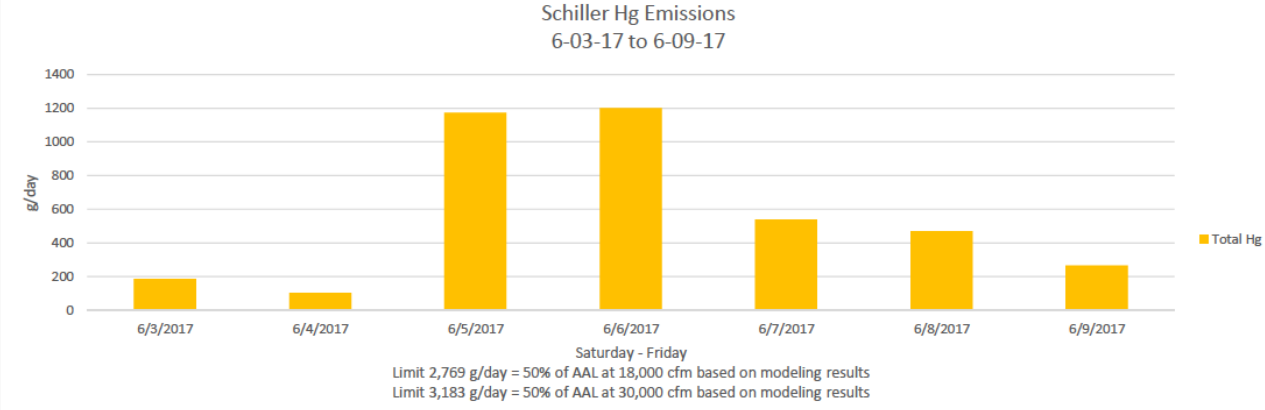

Schiller Hg Emissions
5-20-17 to 5-26-17
g/min
ACFM
Hg
air flow
Sunday - Friday

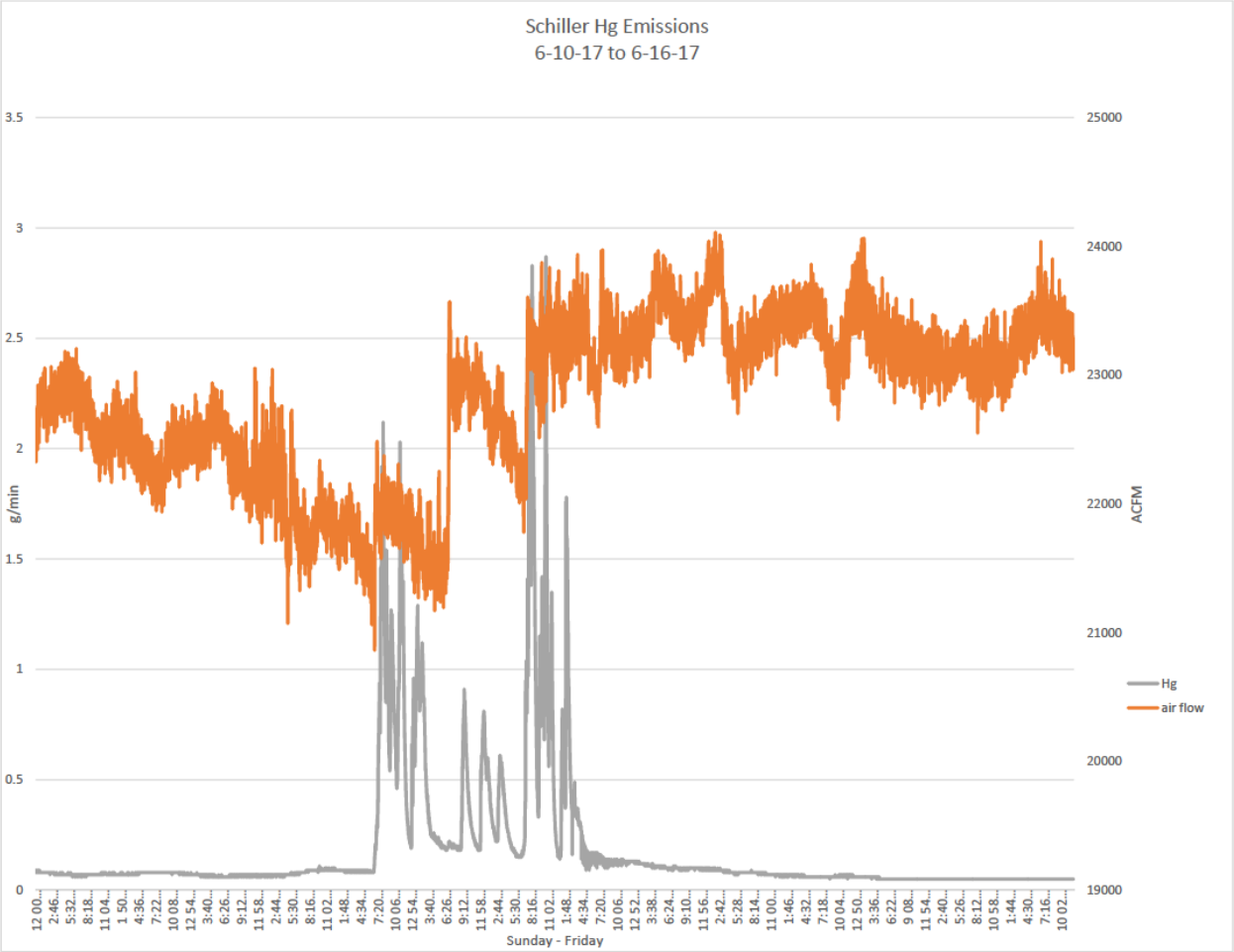

Schiller Hg Emissions
5-20-17 to 5-26-17
g/day
Total Hg
5/20/2017
5/21/2017
5/22/2017
5/23/2017
5/24/2017
5/25/2017
5/26/2017
Saturday - Friday
Limit 2,769 g/day = 50% of AAL at 18,000 cfm based on modeling results

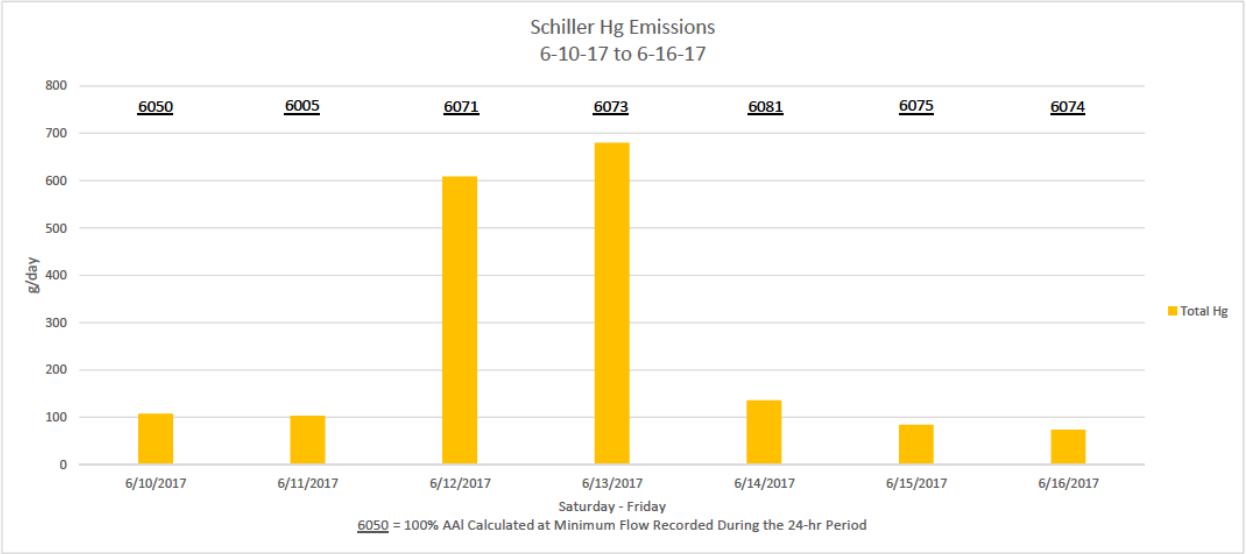

Schiller Hg Emissions
5-27-17 to 6-02-17
g/min
ACFM
Hg
air flow
Sunday - Friday

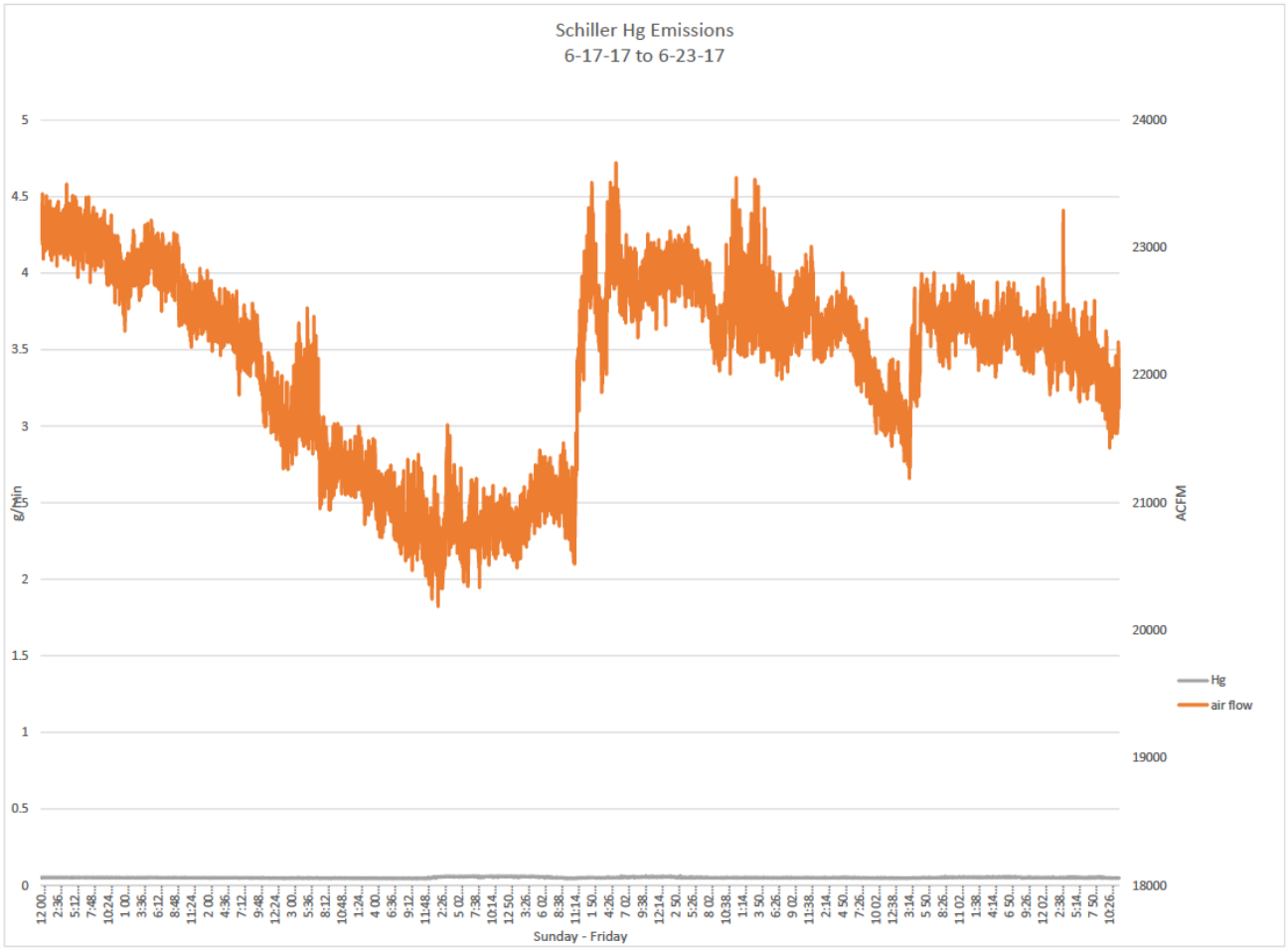

Schiller Hg Emissions
5-27-17 to 6-02-17
g/day
Total Hg
5/27/2017
5/28/2017
5/29/2017
5/30/2017
5/31/2017
6/1/2017
6/2/2017
Saturday - Friday
Limit 2,769 g/day = 50% of AAL at 18,000 cfm based on modeling results
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results

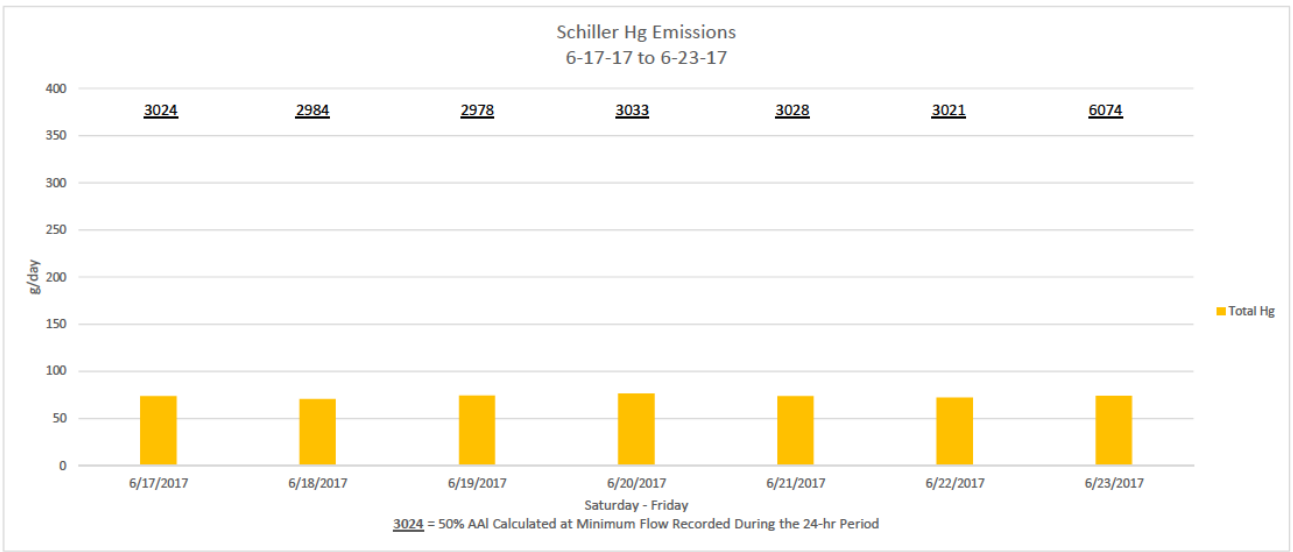

Schiller Hg Emissions
6-03-17 to 6-09-17
g/min
ACFM
Hg
air flow
Sunday - Friday

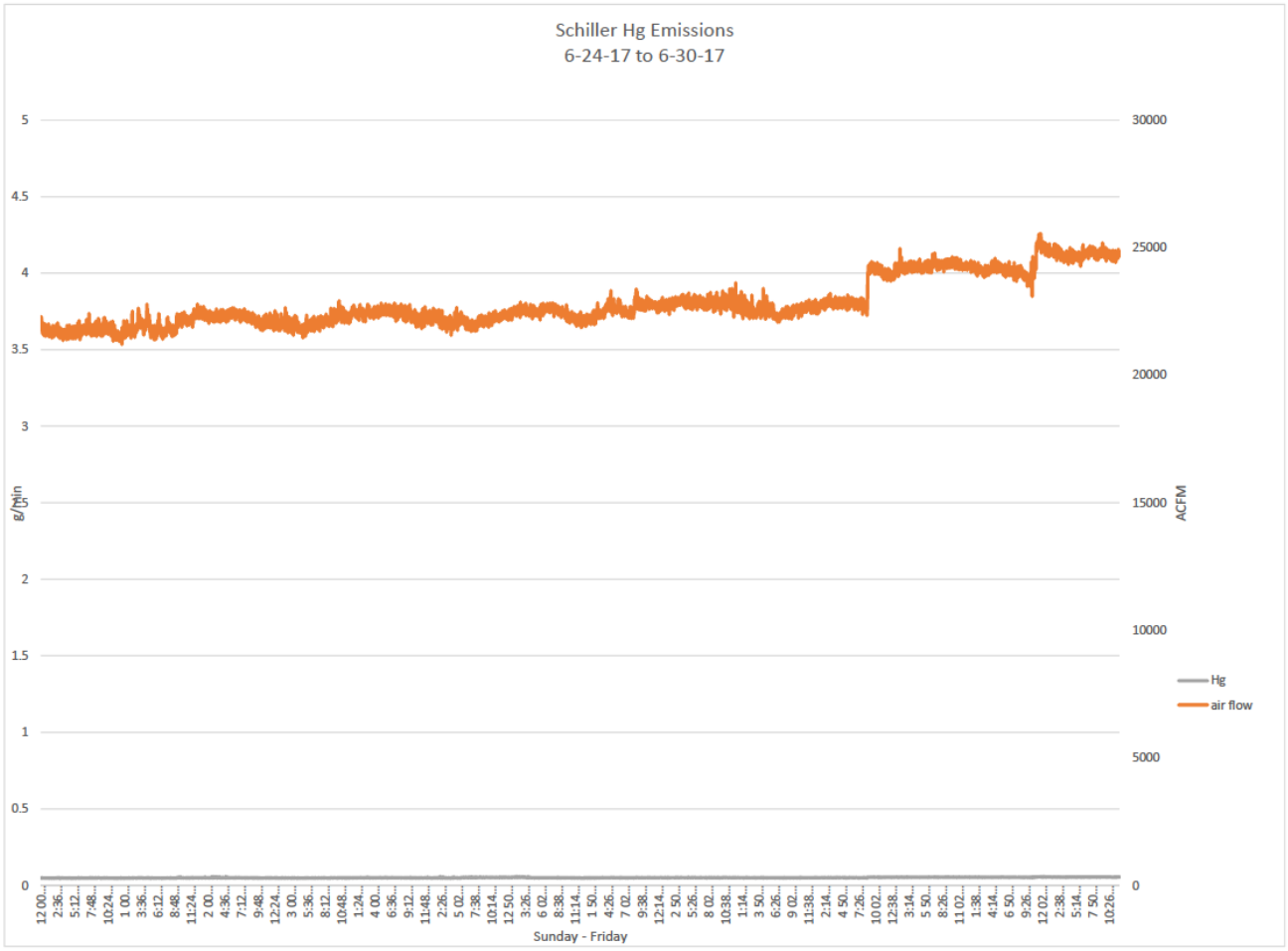

Schiller Hg Emissions
6-03-17 to 6-09-17
g/day
Total Hg
6/3/2017
6/4/2017
6/5/2017
6/6/2017
6/7/2017
6/8/2017
6/9/2017
Saturday - Friday
Limit 2,769 g/day = 50% of AAL at 18,000 cfm based on modeling results
Limit 3,183 g/day = 50% of AAL at 30,000 cfm based on modeling results

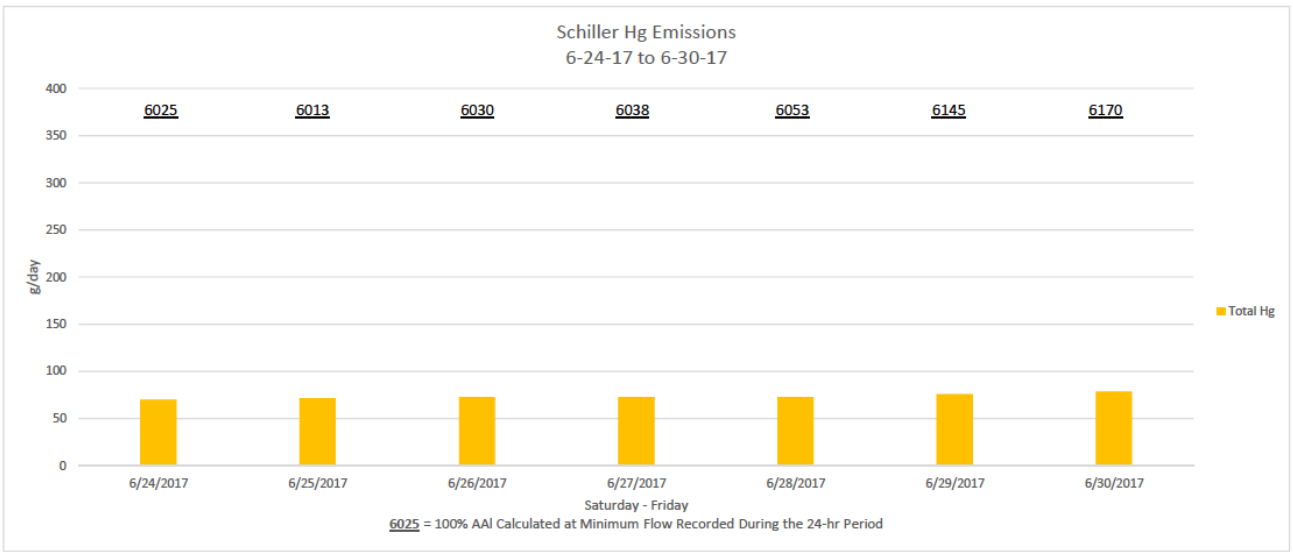

Schiller Hg Emissions
6-10-17 to 6-16-17
g/min
ACFM
Hg
air flow
Sunday - Friday

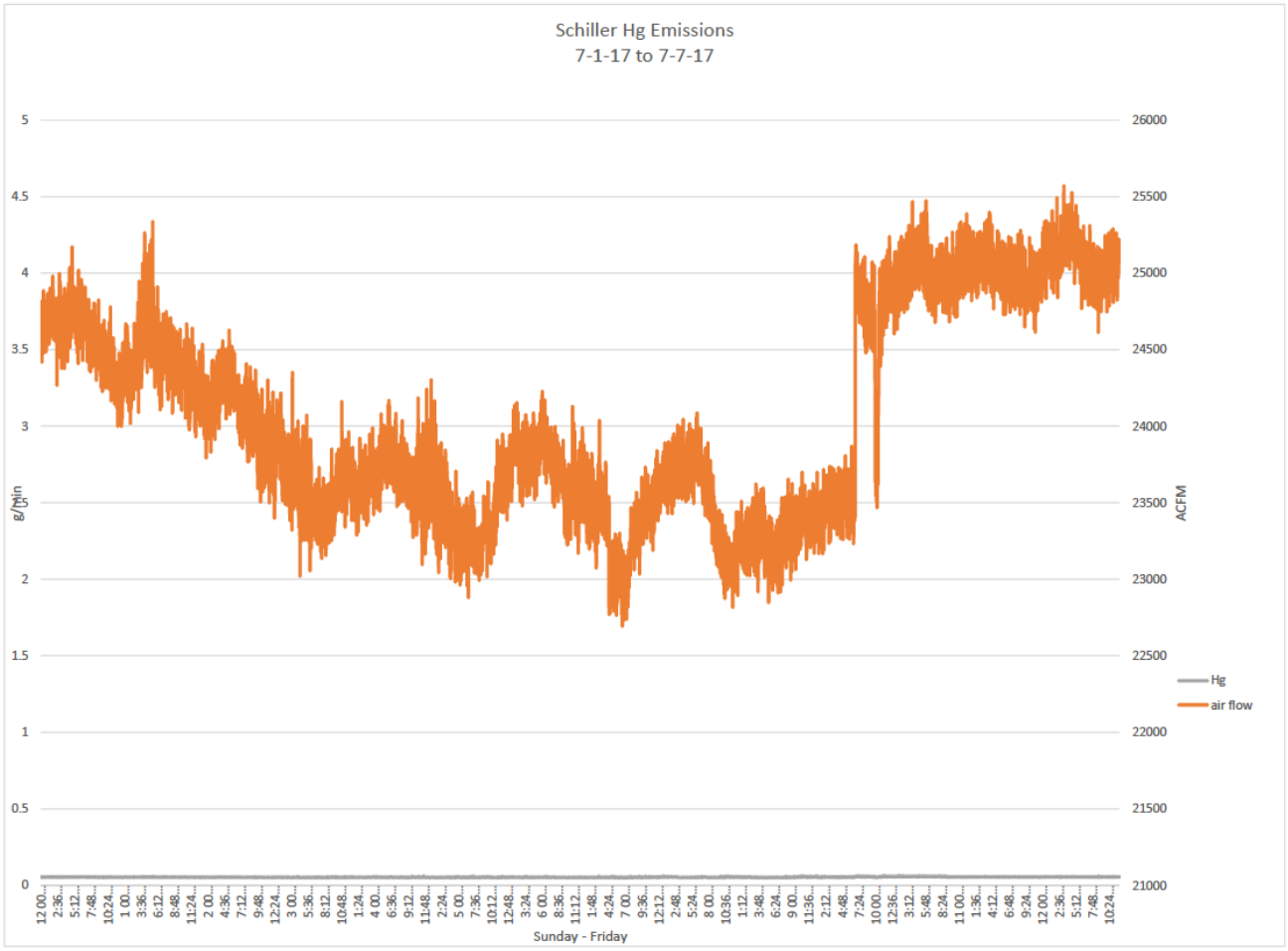

Schiller Hg Emissions
6-10-17 to 6-16-17
6050
6005
6071
6073
6081
6075
6074
g/day
Total Hg
6/10/2017
6/11/2017
6/12/2017
6/13/2017
6/14/2017
6/15/2017
6/16/2017
Saturday - Friday
6050 = 100% AAl Calculated at Minimum Flow Recorded During the 24-hr Period

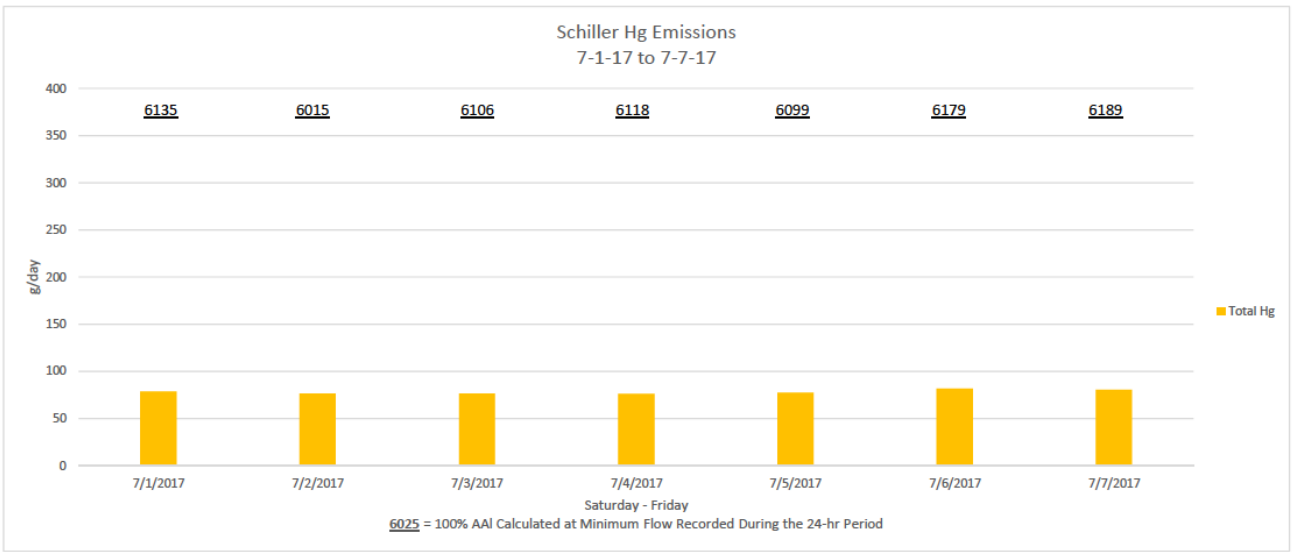

Schiller Hg Emissions
6-17-17 to 6-23-17
g/hln
ACFM
Hg
air flow
Sunday - Friday

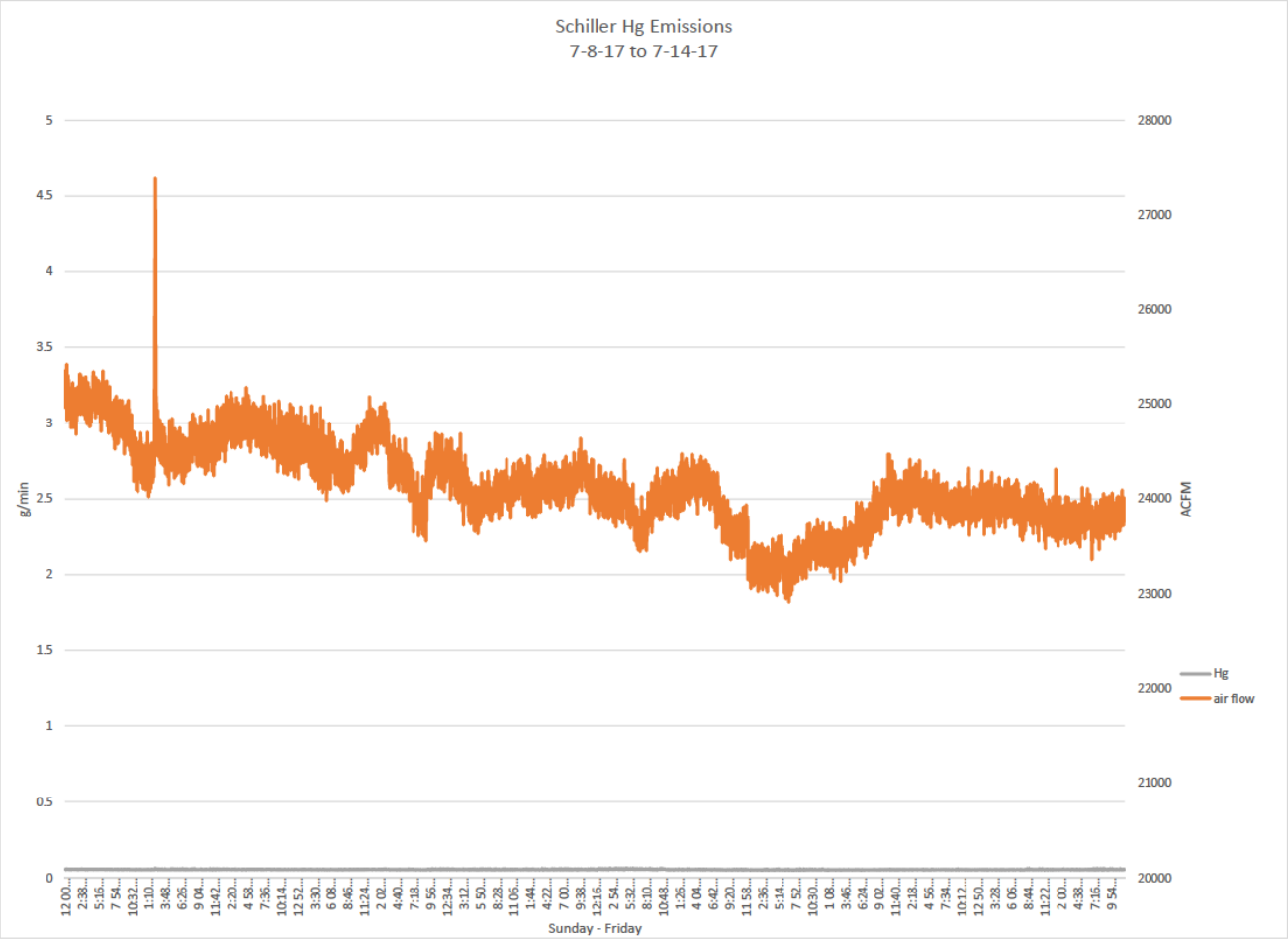

Schiller Hg Emissions
6-17-17 to 6-23-17
3024
2984
2978
3033
3028
3021
6074
g/day
Total Hg
6/17/2017
6/18/2017
6/19/2017
6/20/2017
6/21/2017
6/22/2017
6/23/2017
Saturday - Friday
3024 = 50% AAl Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller Hg Emissions
6-24-17 to 6-30-17
g/hln
ACFM
Hg
air flow
Sunday - Friday

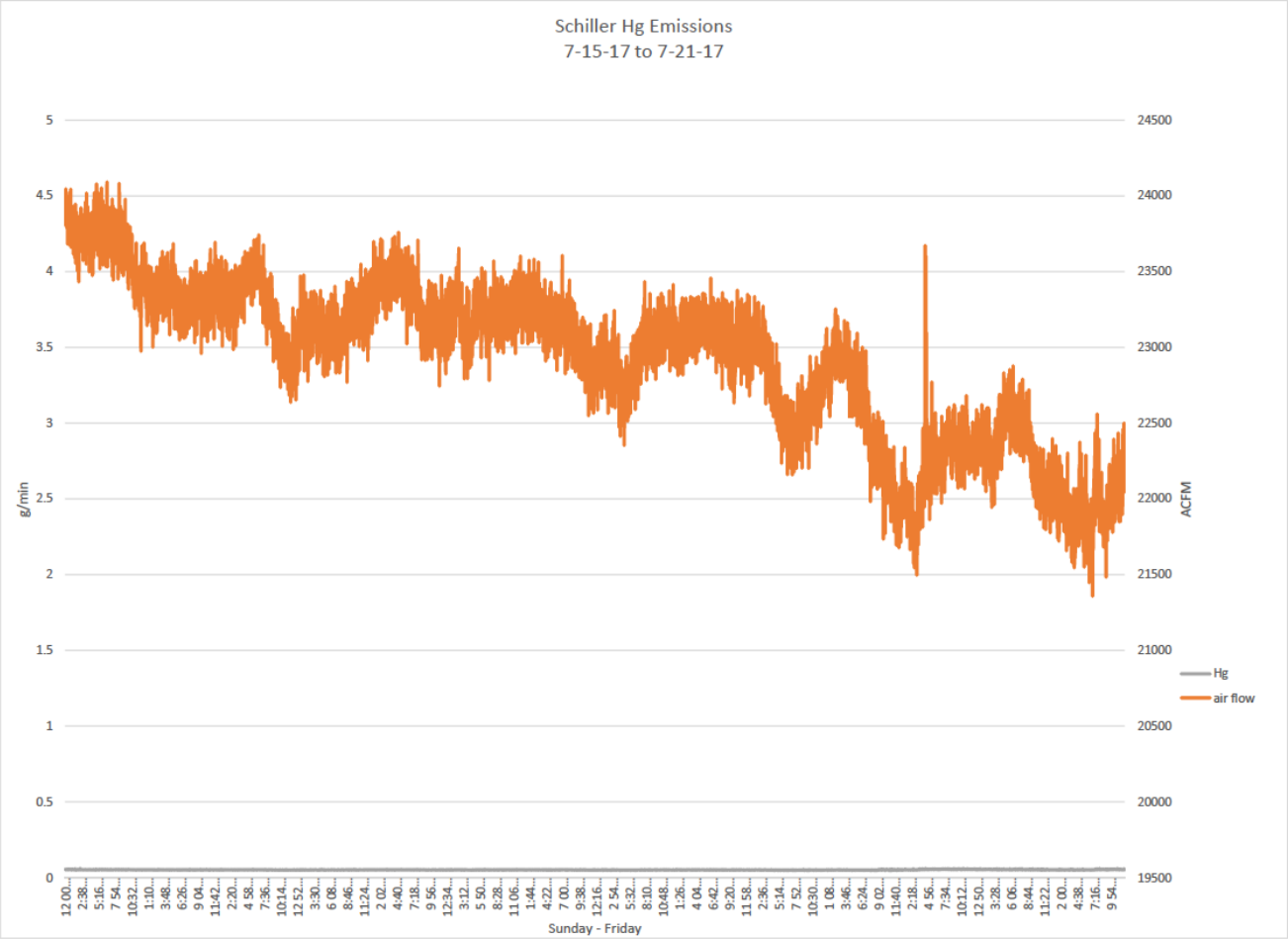

Schiller Hg Emissions
6-24-17 to 6-30-17
6025
6013
6030
6038
6053
6145
6170
g/day
Total Hg
6/24/2017
6/25/2017
6/26/2017
6/27/2017
6/28/2017
6/29/2017
6/30/2017
Saturday - Friday
6025 = 100% AAl Calculated at Minimum Flow Recorded During the 24-hr Period

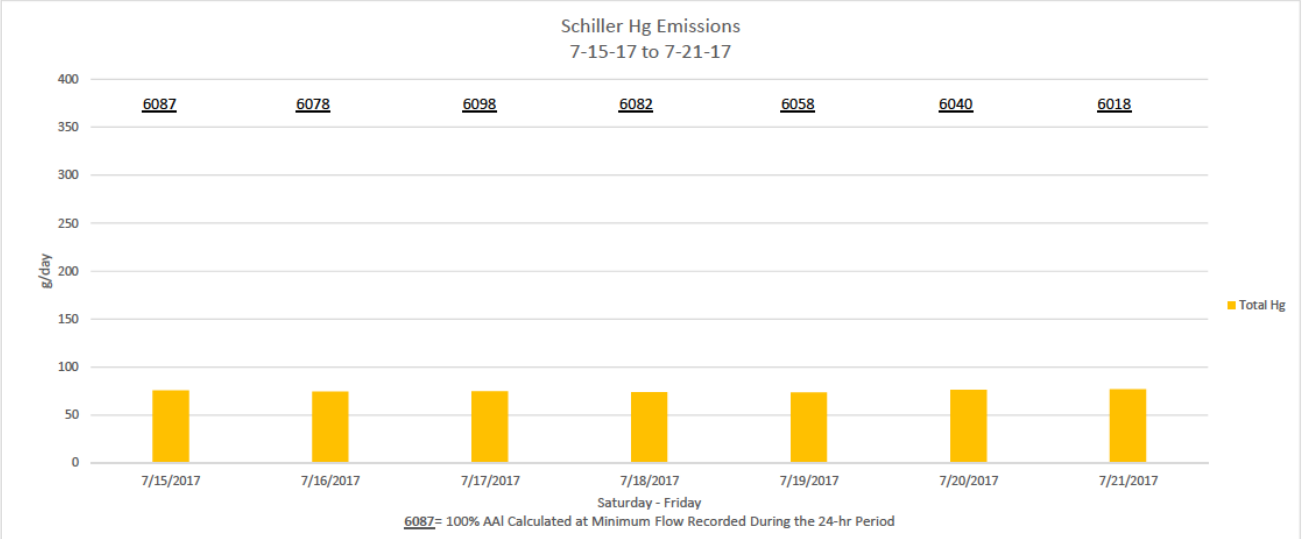

Schiller Hg Emissions
7-1-17 to 7-7-17
g/hln
ACFM
Hg
air flow
Sunday - Friday

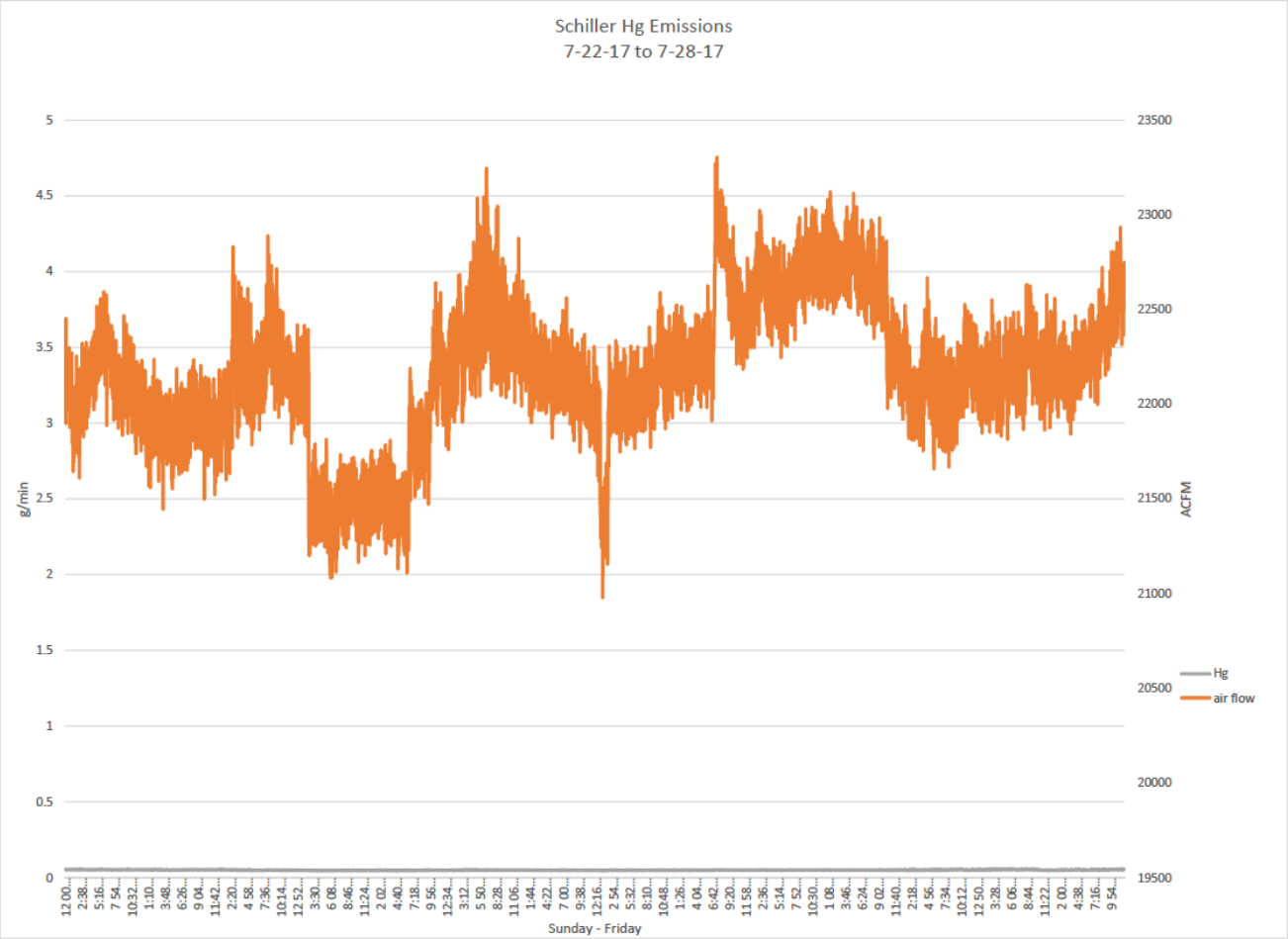

Schiller Hg Emissions
7-1-17 to 7-7-17
6135
6015
6106
6118
6099
6179
6189
g/day
Total Hg
7/1/2017
7/2/2017
7/3/2017
7/4/2017
7/5/2017
7/6/2017
7/7/2017
Saturday - Friday
6025 = 100% AAl Calculated at Minimum Flow Recorded During the 24-hr Period

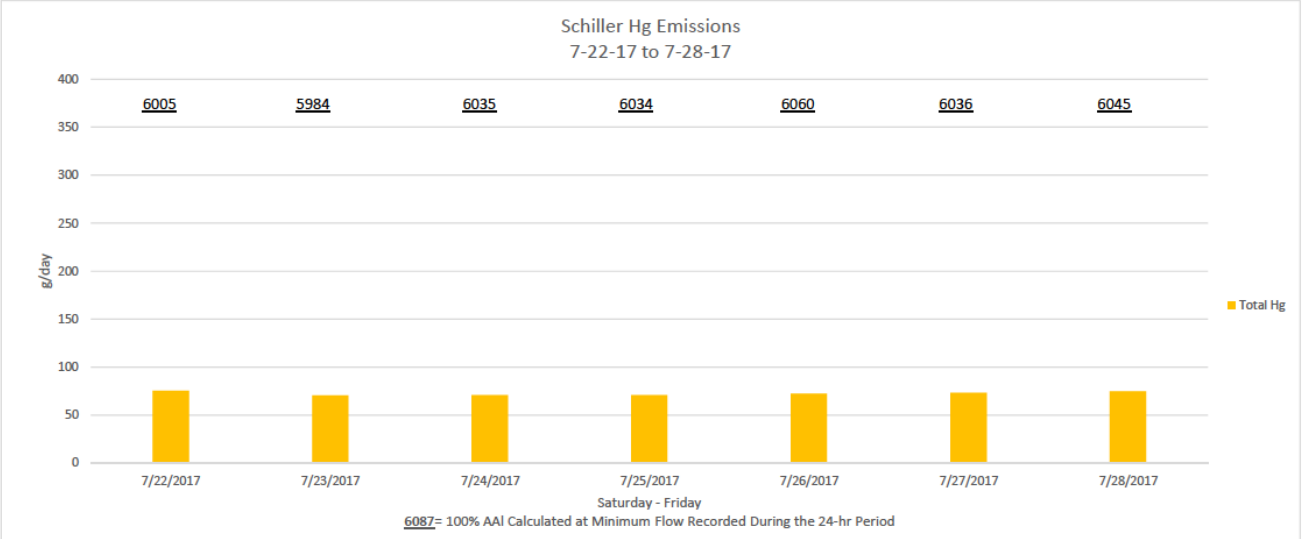

Schiller Hg Emissions
7-8-17 to 7-14-17
g/min
ACFM
Hg
air flow
Sunday - Friday

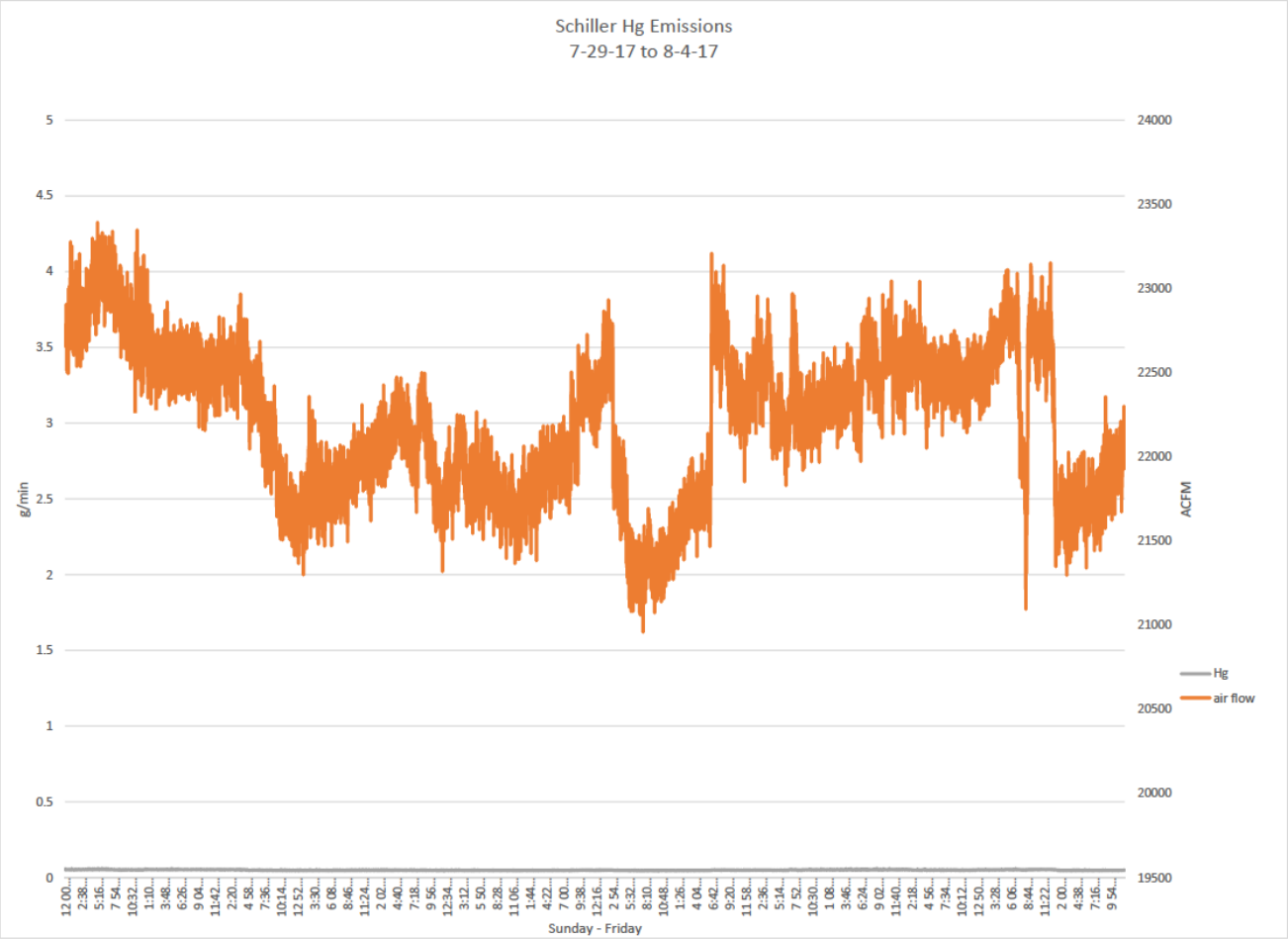

Schiller Hg Emissions
7-8-17 to 7-14-17
6169
6175
6148
6134
6098
6126
6123
g/day
Total Hg
7/8/2017
7/9/2017
7/10/2017
7/11/2017
7/12/2017
7/13/2017
7/14/2017
Saturday - Friday
6169 = 100% AAl Calculated at Minimum Flow Recorded During the 24-hr Period

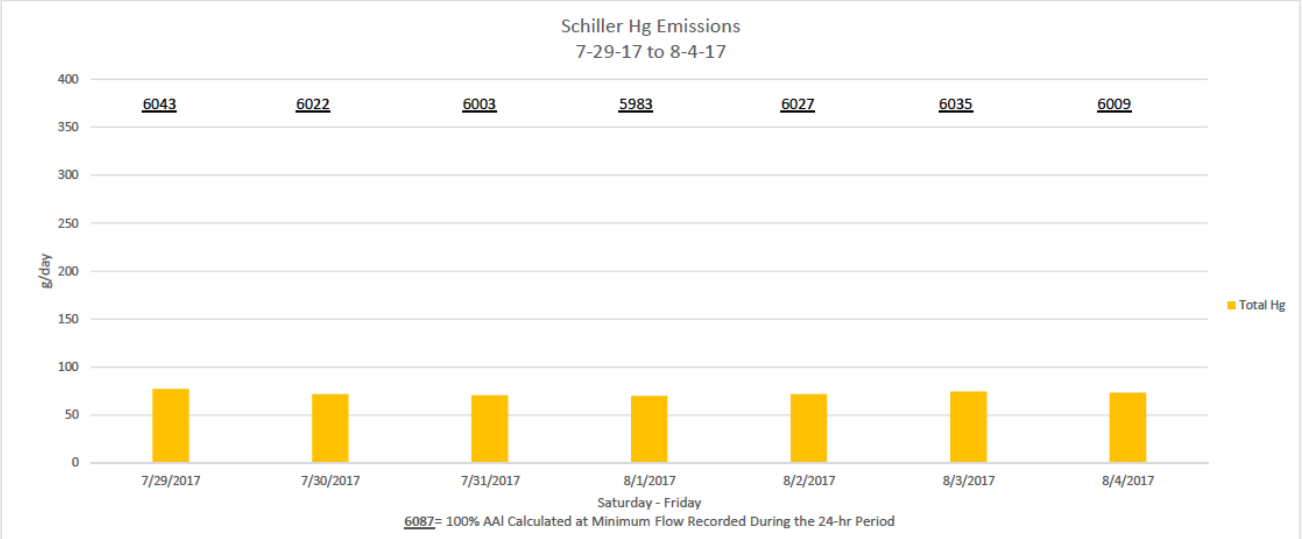

Schiller Hg Emissions
7-15-17 to 7-21-17
g/min
ACFM
Hg
air flow
Sunday - Friday

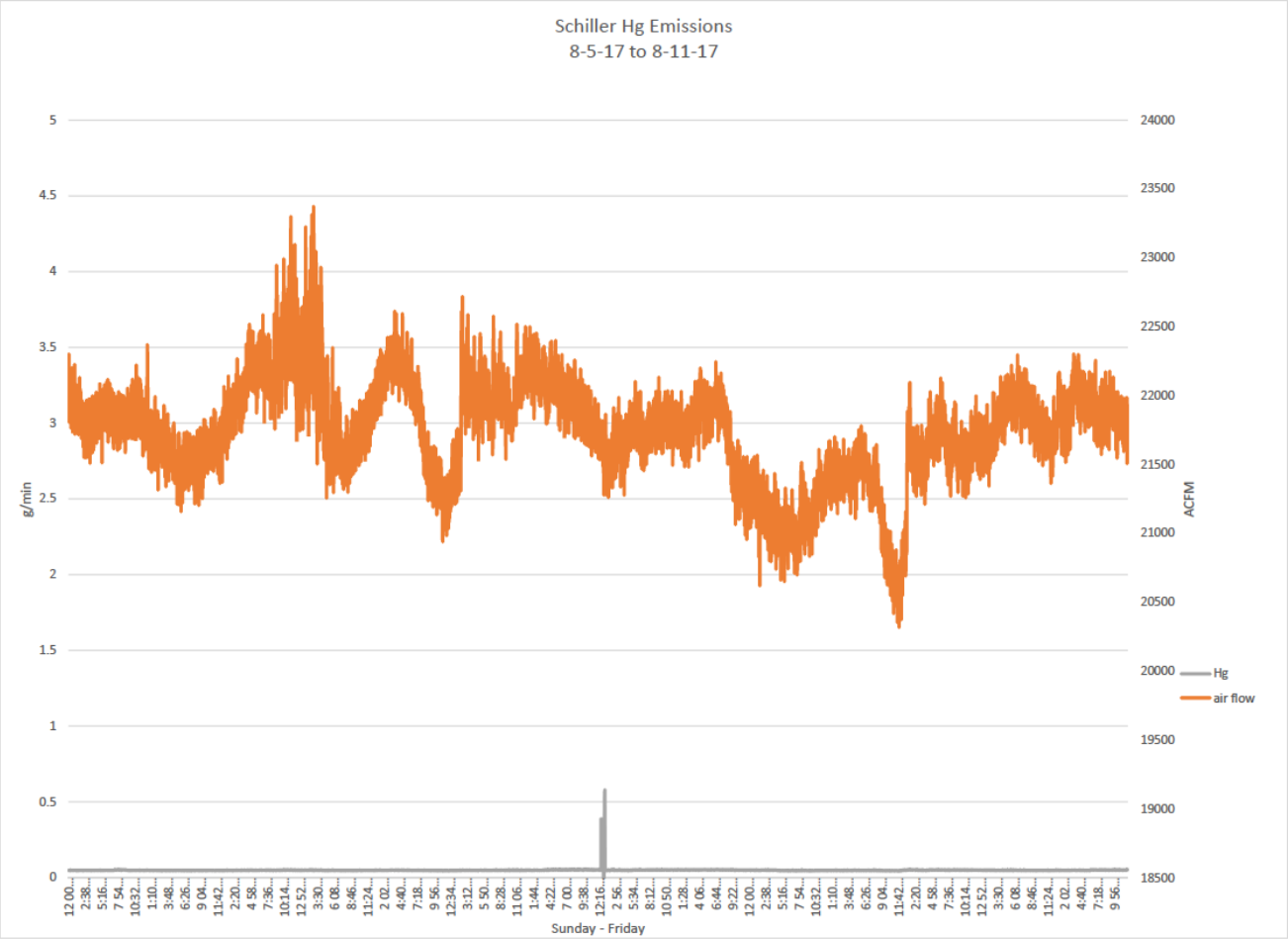

Schiller Hg Emissions
7-15-17 to 7-21-17
6087
6078
6098
6082
6058
6040
6018
g/day
Total Hg
7/15/2017
7/16/2017
7/17/2017
7/18/2017
7/19/2017
7/20/2017
7/21/2017
Saturday - Friday
6087= 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

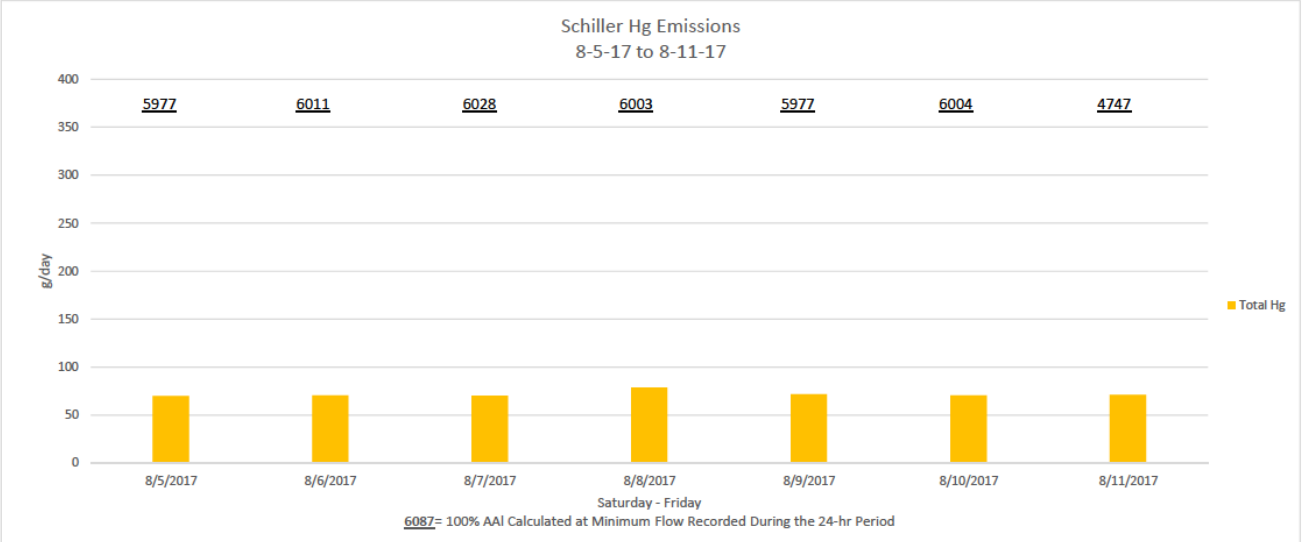

Schiller Hg Emissions
7-22-17 to 7-28-17
g/min
ACFM
Hg
air flow
Sunday - Friday

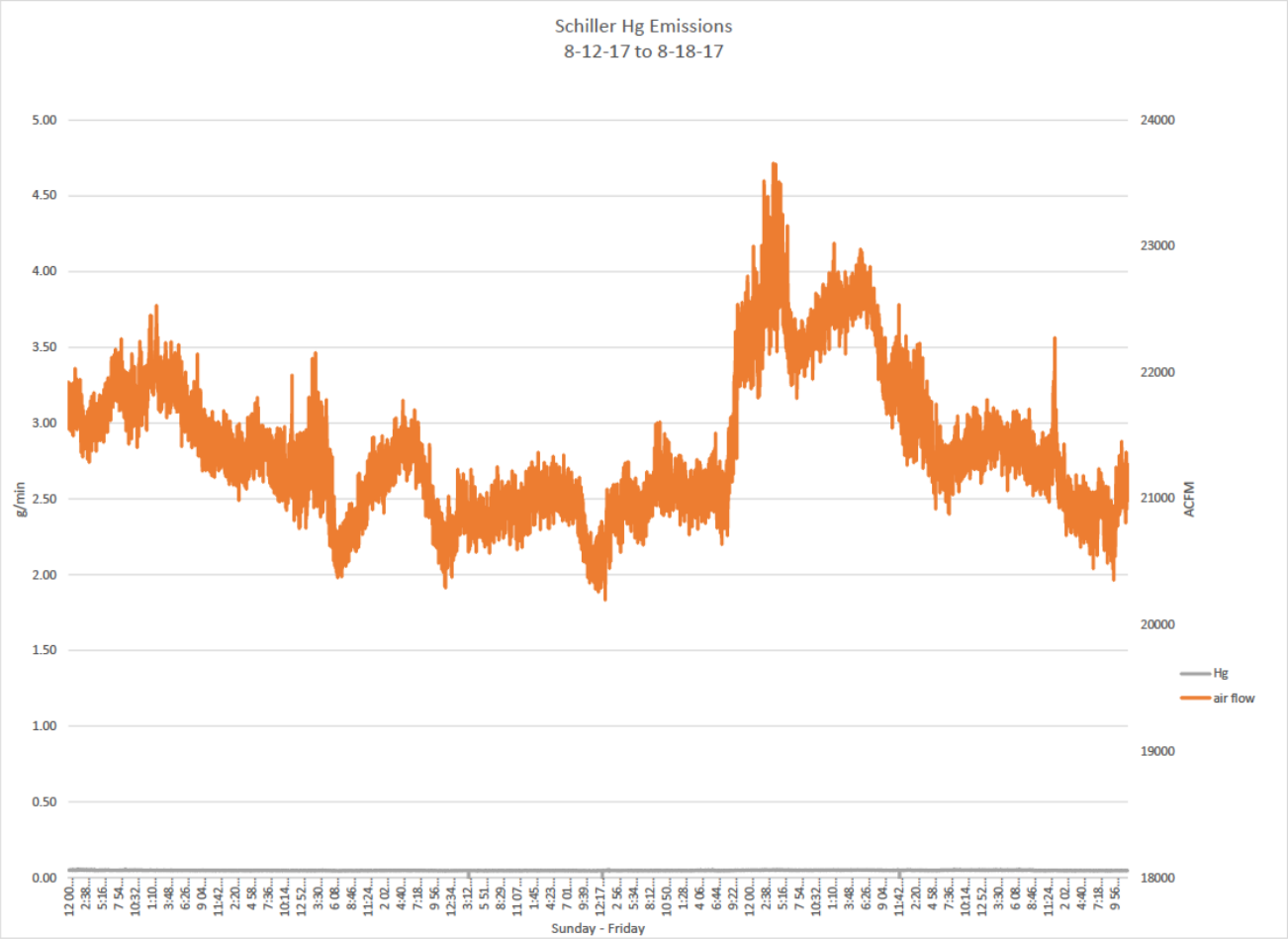

Schiller Hg Emissions
7-22-17 to 7-28-17
6005
5984
6035
6034
6060
6036
6045
g/day
Total Hg
7/22/2017
7/23/2017
7/24/2017
7/25/2017
7/26/2017
7/27/2017
7/28/2017
Saturday - Friday
6087= 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

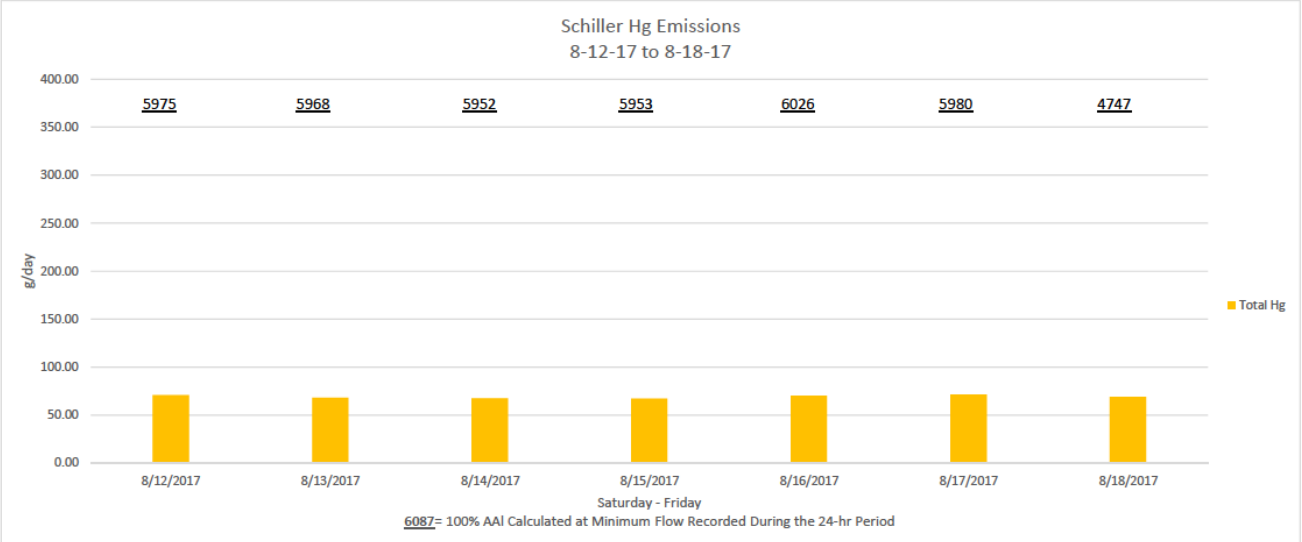

Schiller Hg Emissions
7-29-17 to 8-4-17
g/min
ACFM
Hg
air flow
Sunday - Friday

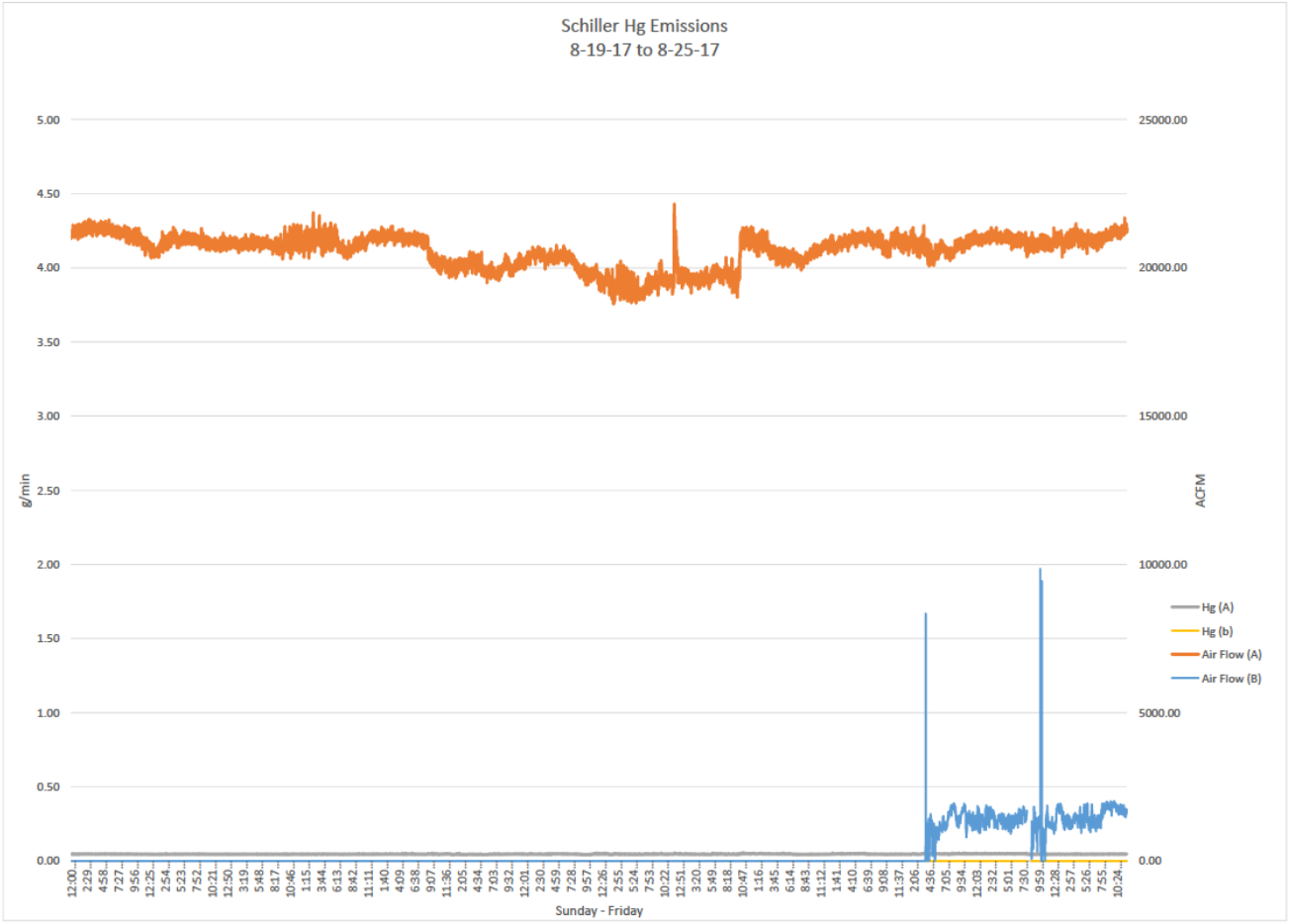

Schiller Hg Emissions
7-29-17 to 8-4-17
6043
6022
6003
5983
6027
6035
6009
g/day
Total Hg
7/29/2017
7/30/2017
7/31/2017
8/1/2017
8/2/2017
8/3/2017
8/4/2017
Saturday - Friday
6087= 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

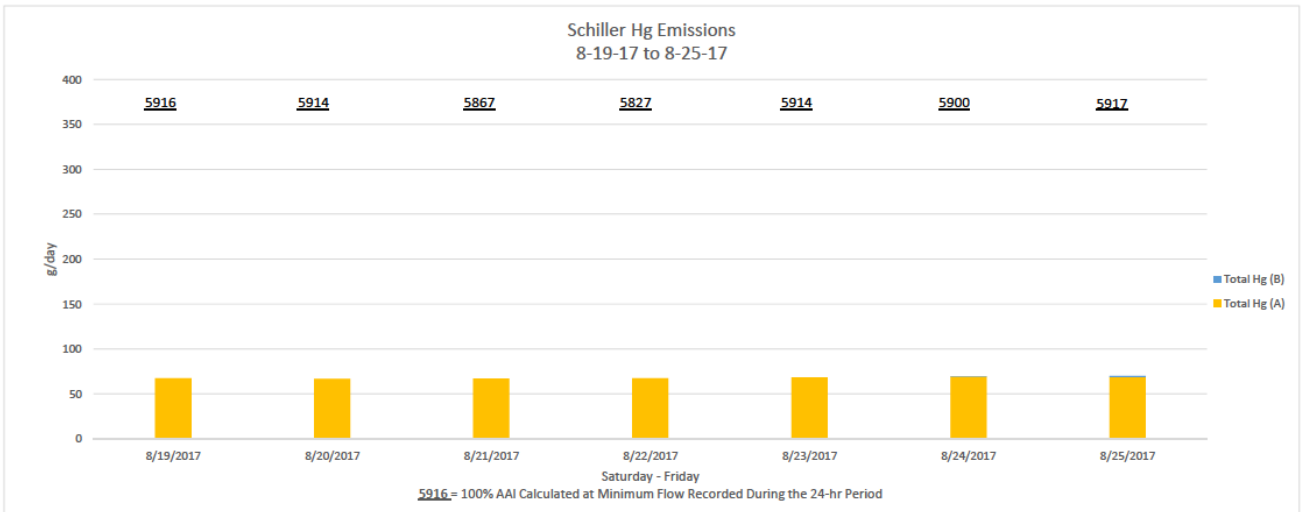

Schiller Hg Emissions
8-5-17 to 8-11-17
g/min
ACFM
Hg
air flow
Sunday - Friday

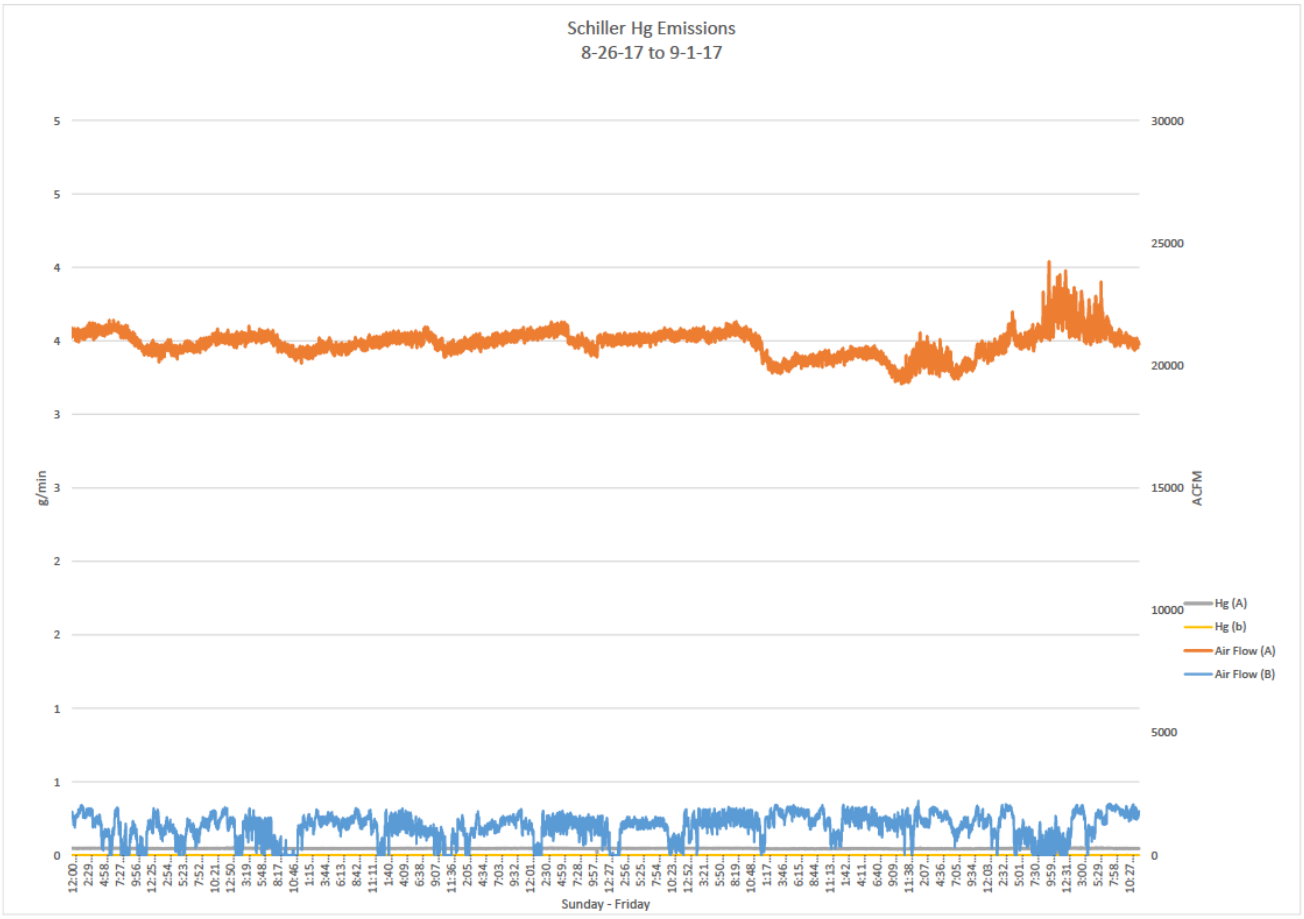

Schiller Hg Emissions
8-5-17 to 8-11-17
5977
6011
6028
6003
5977
6004
4747
g/day
Total Hg
8/5/2017
8/6/2017
8/7/2017
8/8/2017
8/9/2017
8/10/2017
8/11/2017
Saturday - Friday
6087= 100% AAl Calculated at Minimum Flow Recorded During the 24-hr Period

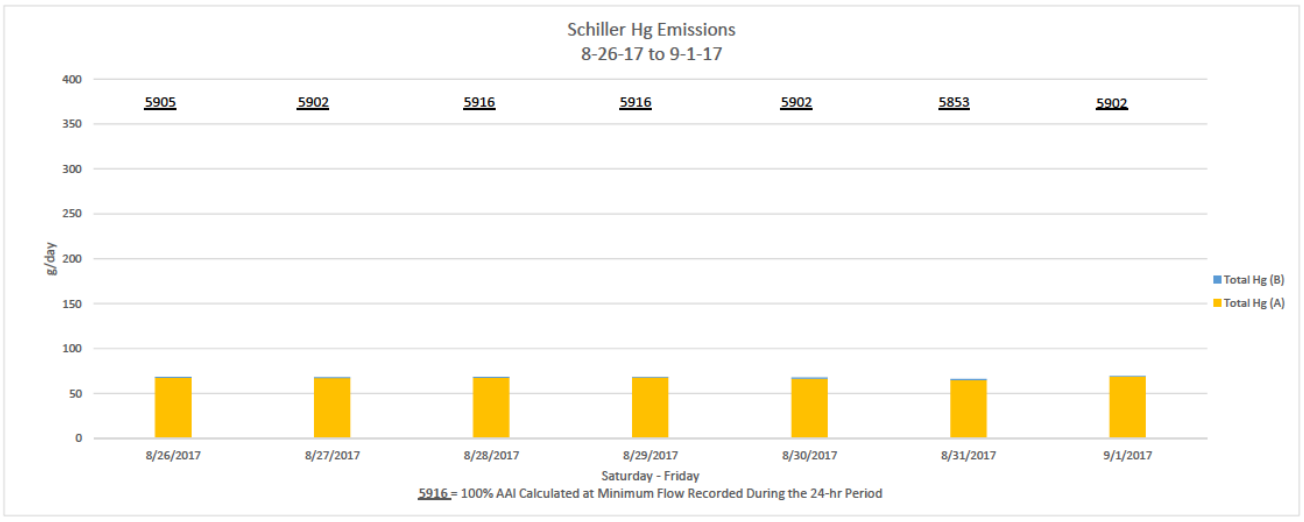

Schiller Hg Emissions
8-12-17 to 8-18-17
g/min
ACFM
Hg
air flow
Sunday - Friday

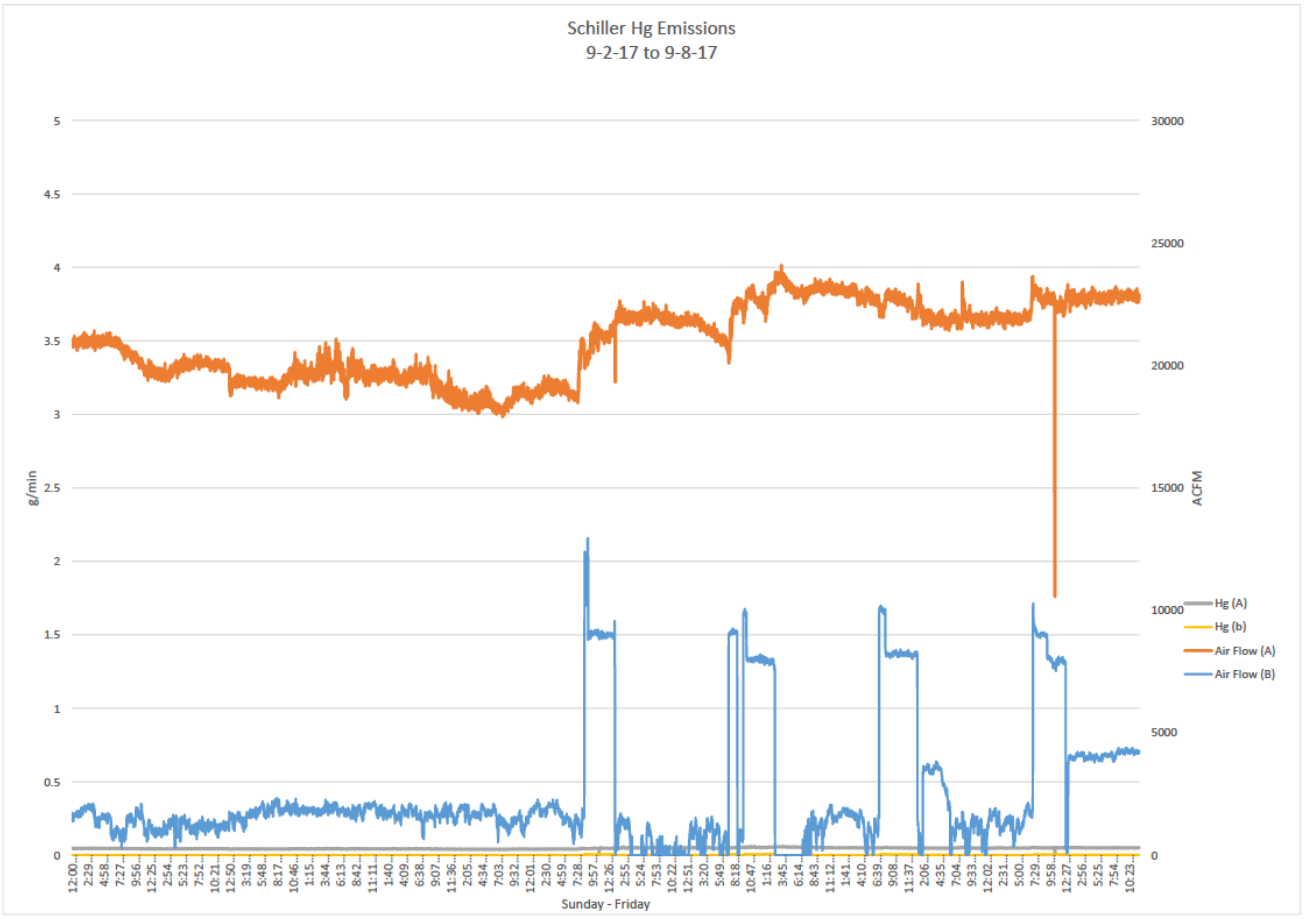

Schiller Hg Emissions
8-12-17 to 8-18-17
g/day
Total Hg
5975
5968
5952
5953
6026
5980
4747
8/12/2017
8/13/2017
8/14/2017
8/15/2017
8/16/2017
8/17/2017
8/18/2017
Saturday - Friday
6087= 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

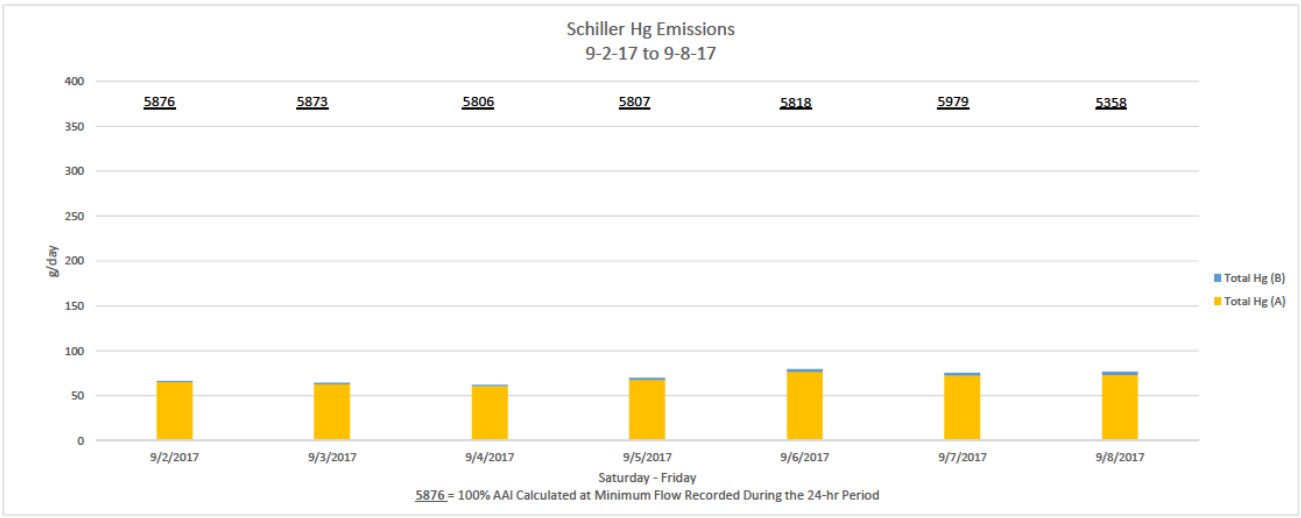

Schiller Hg Emissions
8-19-17 to 8-25-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

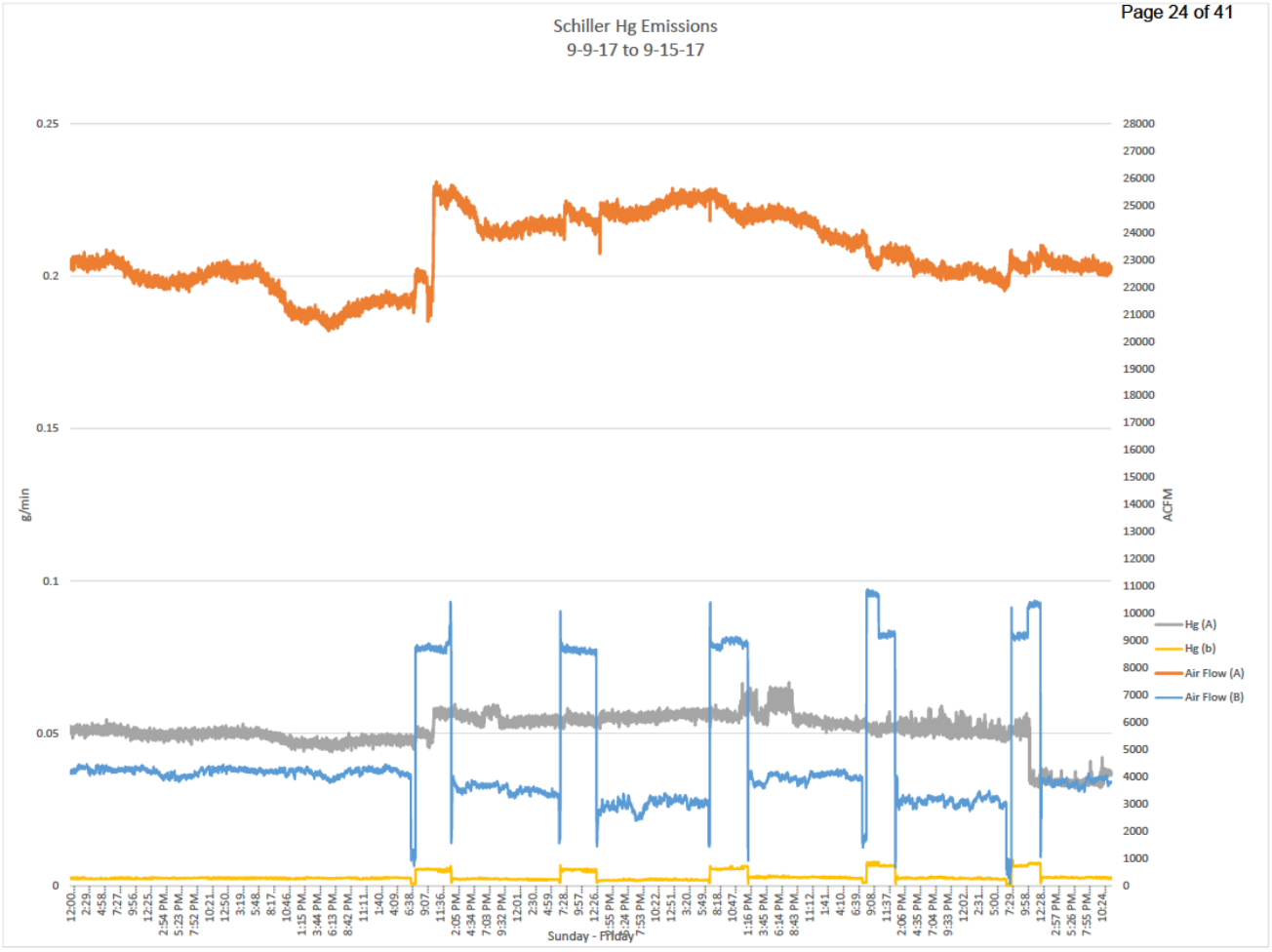

Schiller Hg Emissions
8-19-17 to 8-25-17
5916
5914
5867
5827
5914
5900
5917
g/day
Total Hg (B)
Total Hg (A)
8/19/2017
8/20/2017
8/21/2017
8/22/2017
8/23/2017
8/24/2017
8/25/2017
Saturday - Friday
5916 = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

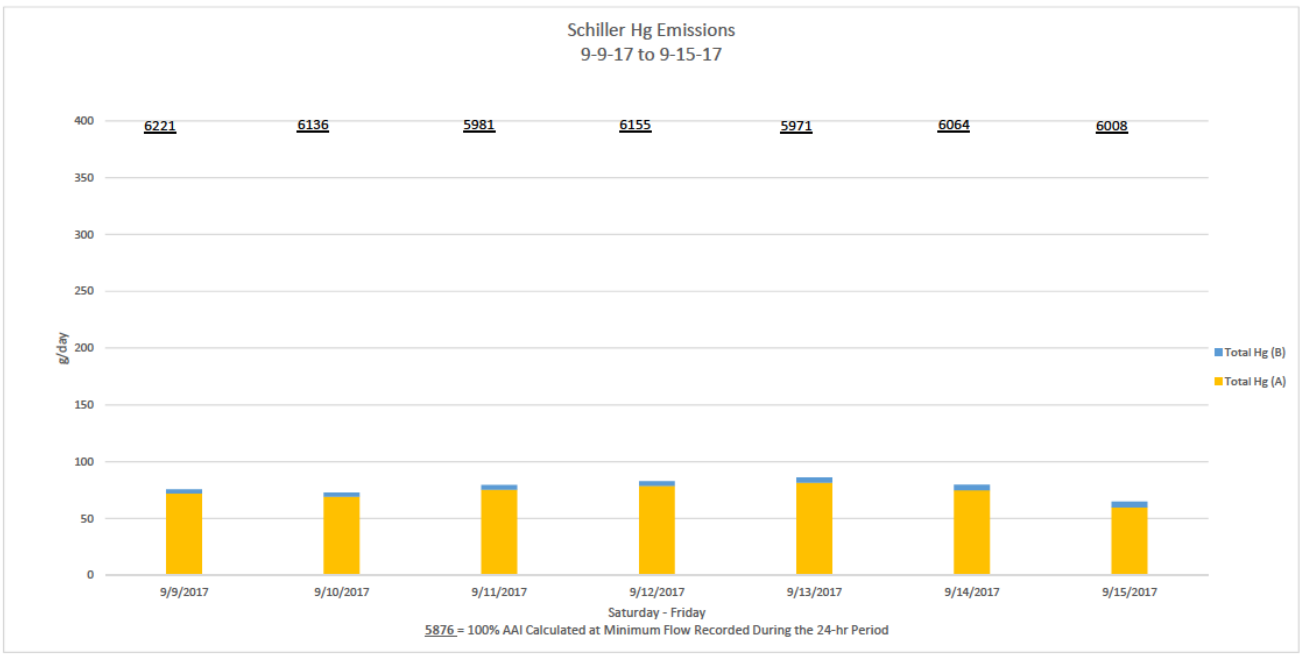

Schiller Hg Emissions
8-26-17 to 9-1-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

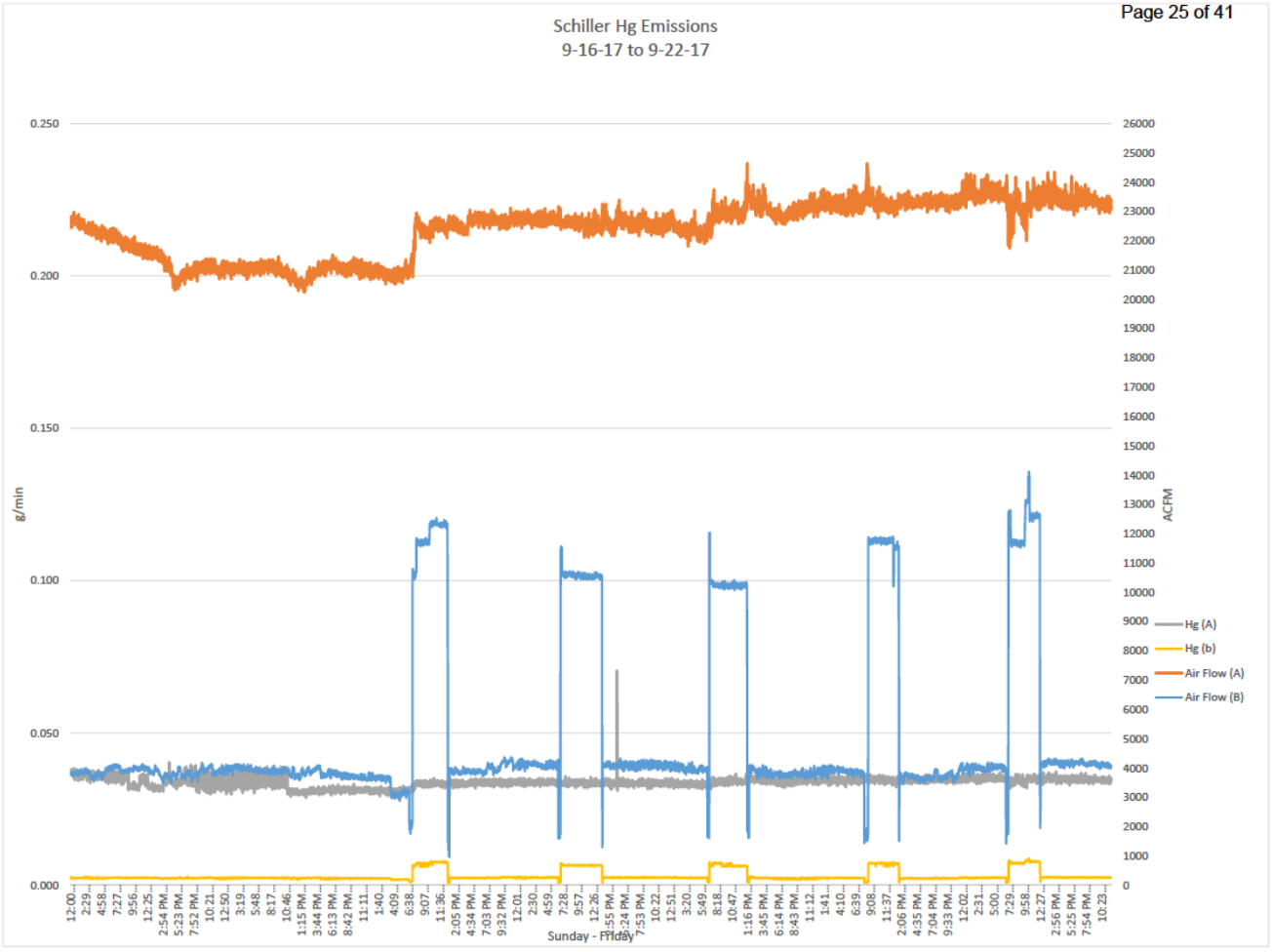

Schiller Hg Emissions
8-26-17 to 9-1-17
5905
5902
5916
5916
5902
5853
5902
g/day
Total Hg (B)
Total Hg (A)
8/26/2017
8/27/2017
8/28/2017
8/29/2017
8/30/2017
8/31/2017
9/1/2017
Saturday - Friday
5916 = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

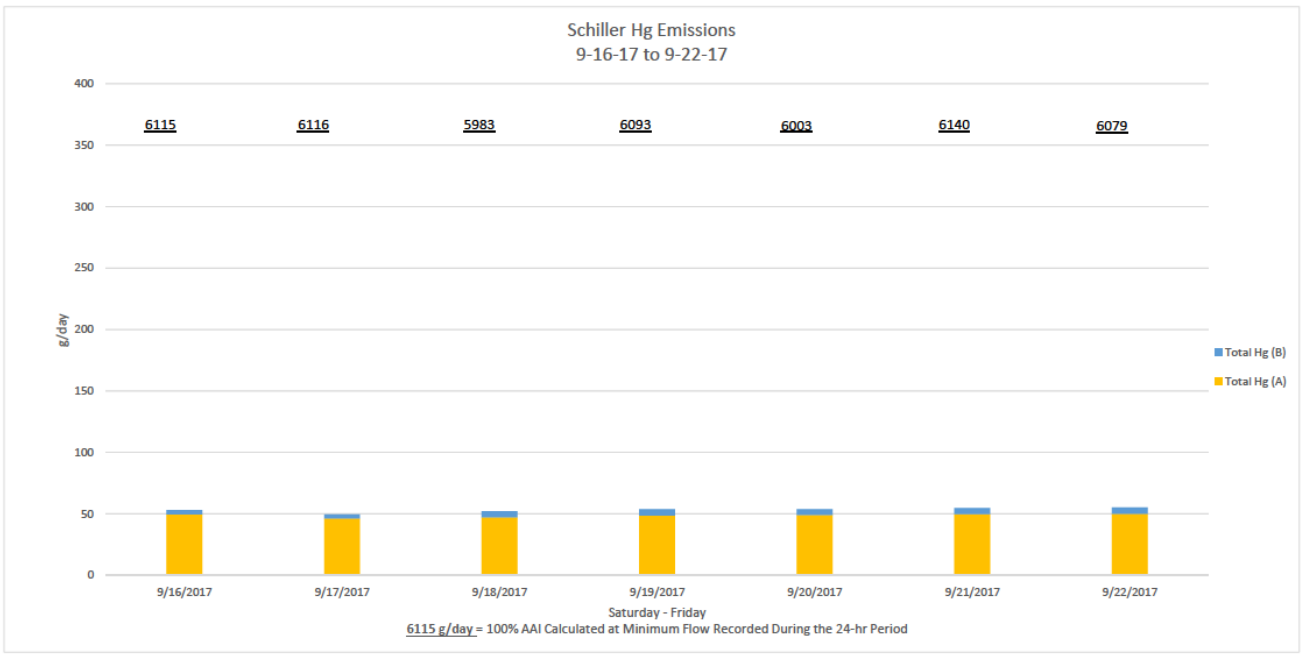

Schiller Hg Emissions
9-2-17 to 9-8-17
g/min
AGFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

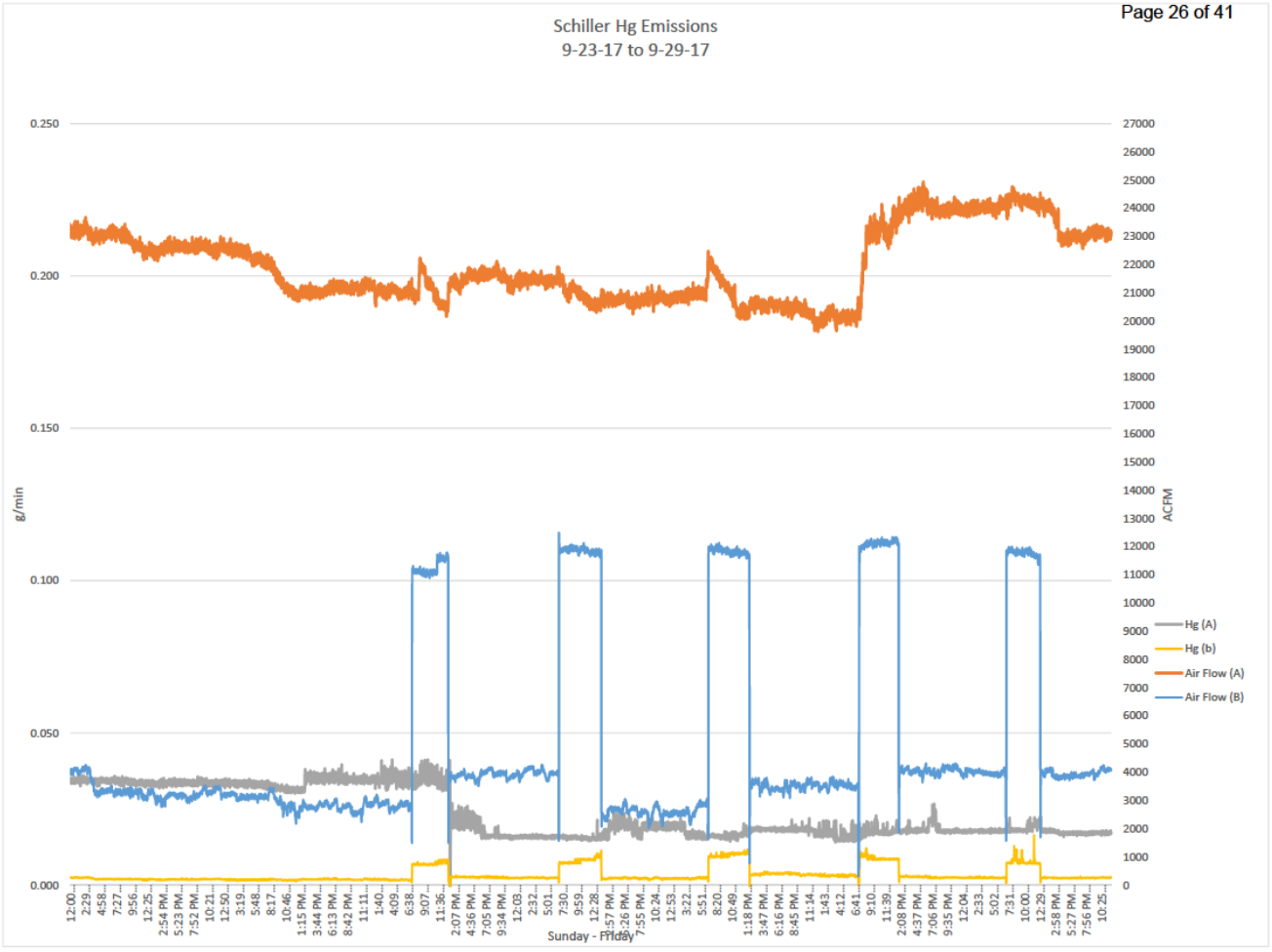

Schiller Hg Emissions
9-2-17 to 9-8-17
5876
5873
5806
5807
5818
5979
5358
g/day
Total Hg (B)
Total Hg (A)
9/2/2017
9/3/2017
9/4/2017
9/5/2017
9/6/2017
9/7/2017
9/8/2017
Saturday - Friday
5876 = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

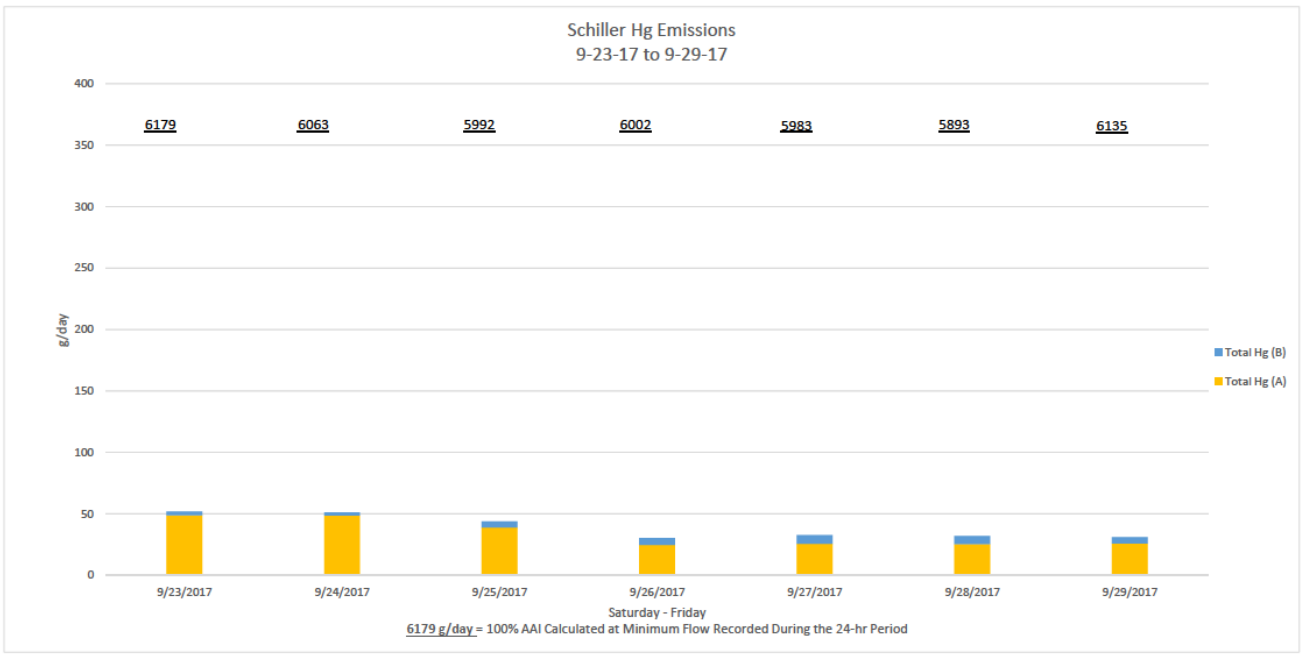

Schiller Hg Emissions
9-9-17 to 9-15-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

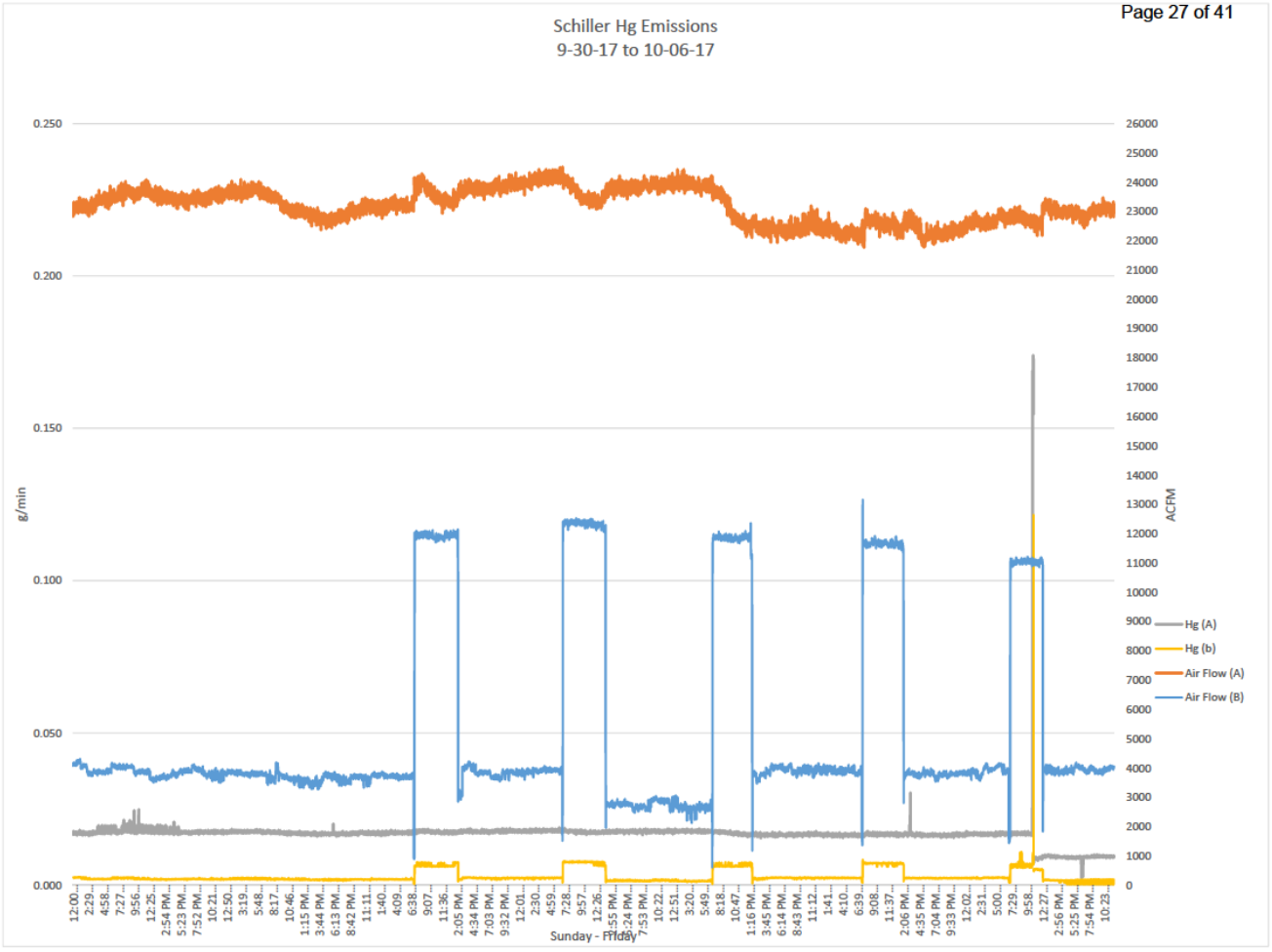

Schiller Hg Emissions
9-9-17 to 9-15-17
g/day
6221
6136
5981
6155
5971
6064
6008
Total Hg (B)
Total Hg (A)
9/9/2017
9/10/2017
9/11/2017
9/12/2017
9/13/2017
9/14/2017
9/15/2017
Saturday - Friday
5876 = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

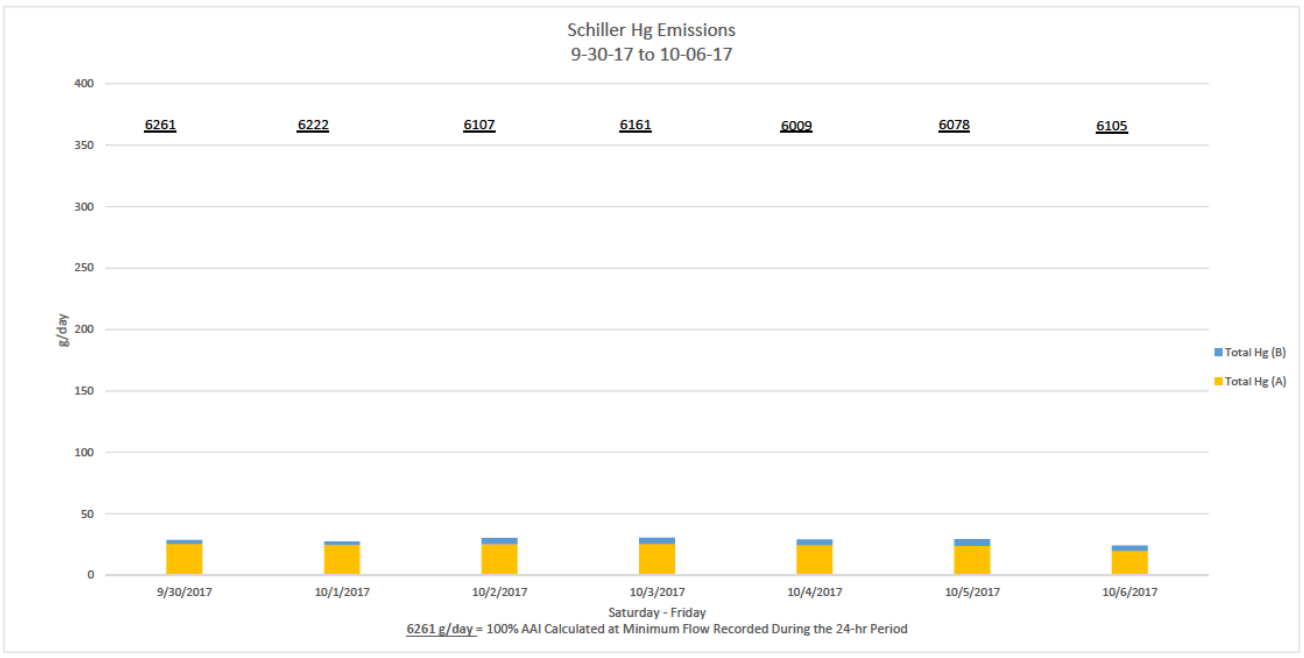

Schiller Hg Emissions
9-16-17 to 9-22-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

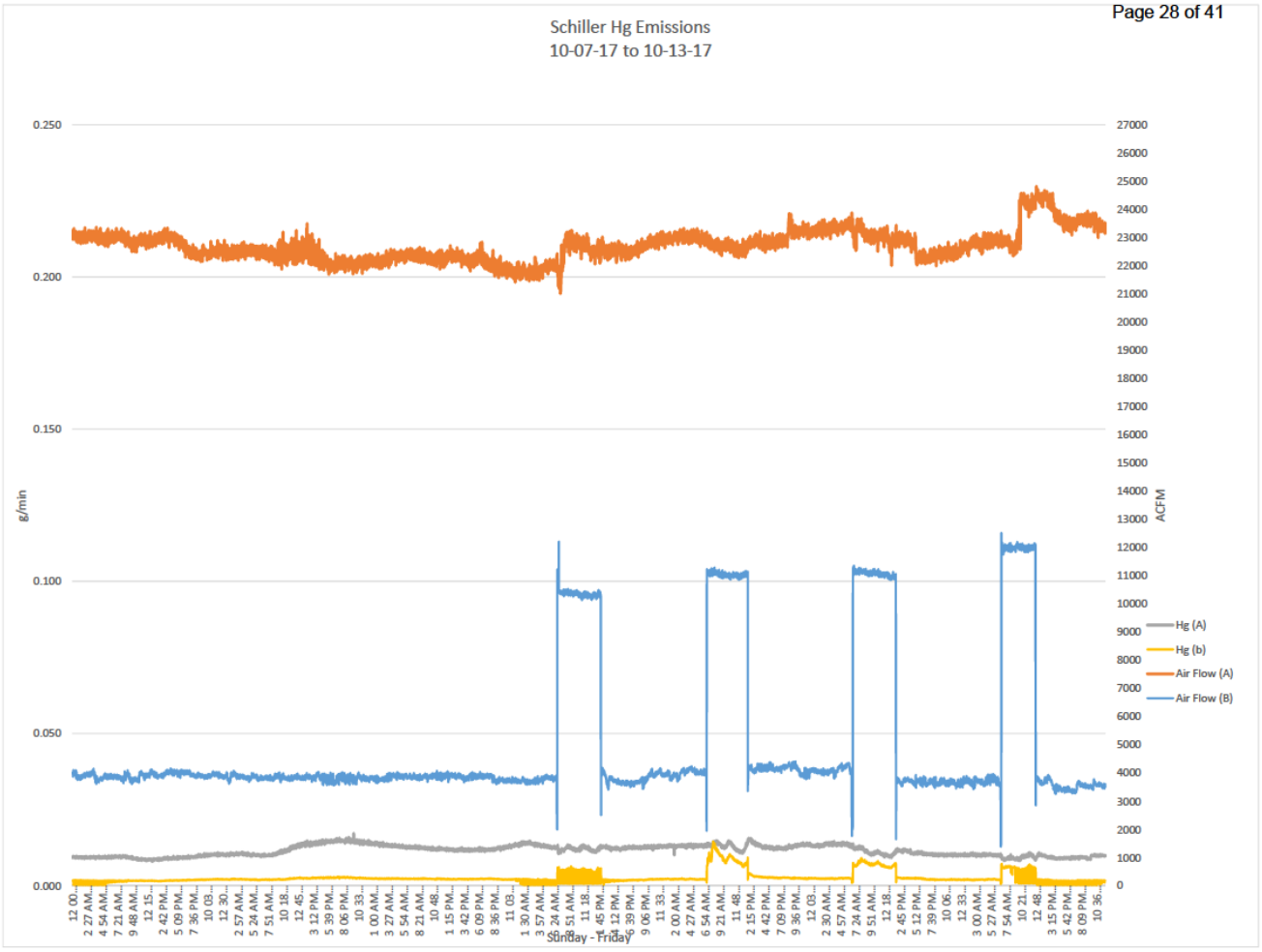

Schiller Hg Emissions
9-16-17 to 9-22-17
6115
6116
5983
6093
6003
6140
6079
g/day
Total Hg (B)
Total Hg (A)
9/16/2017
9/17/2017
9/18/2017
9/19/2017
9/20/2017
9/21/2017
9/22/2017
Saturday - Friday
6115 g/day = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

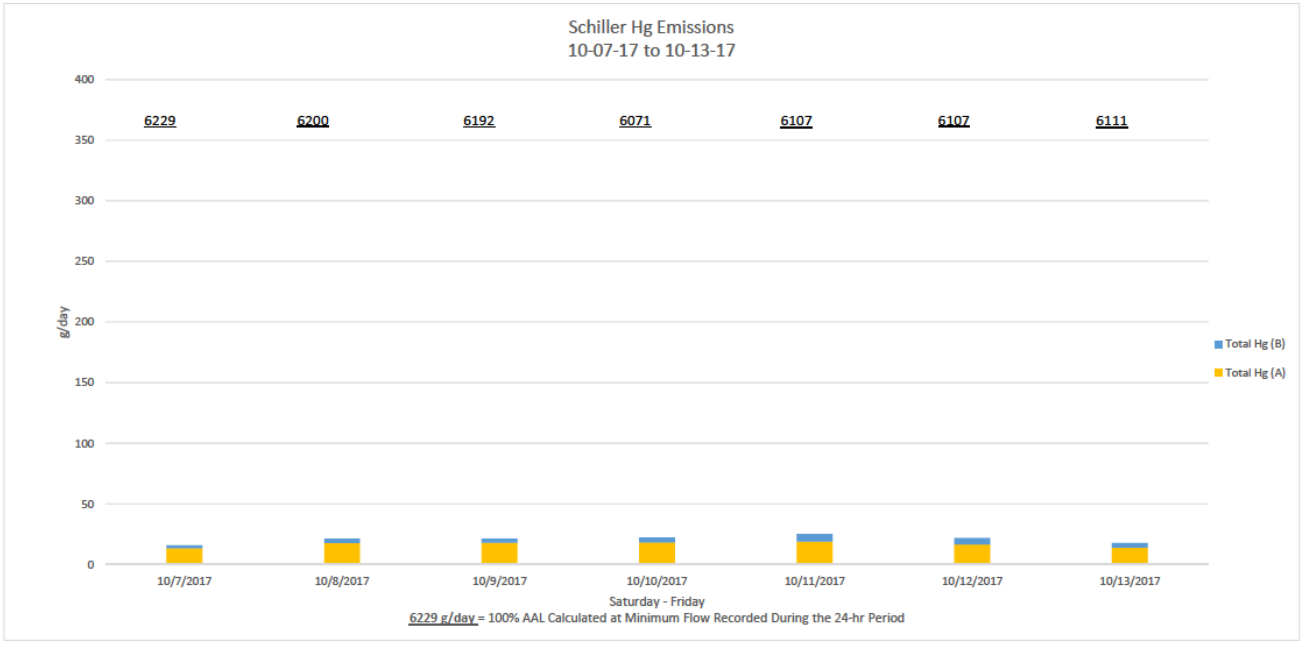

Schiller Hg Emissions
9-23-17 to 9-29-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

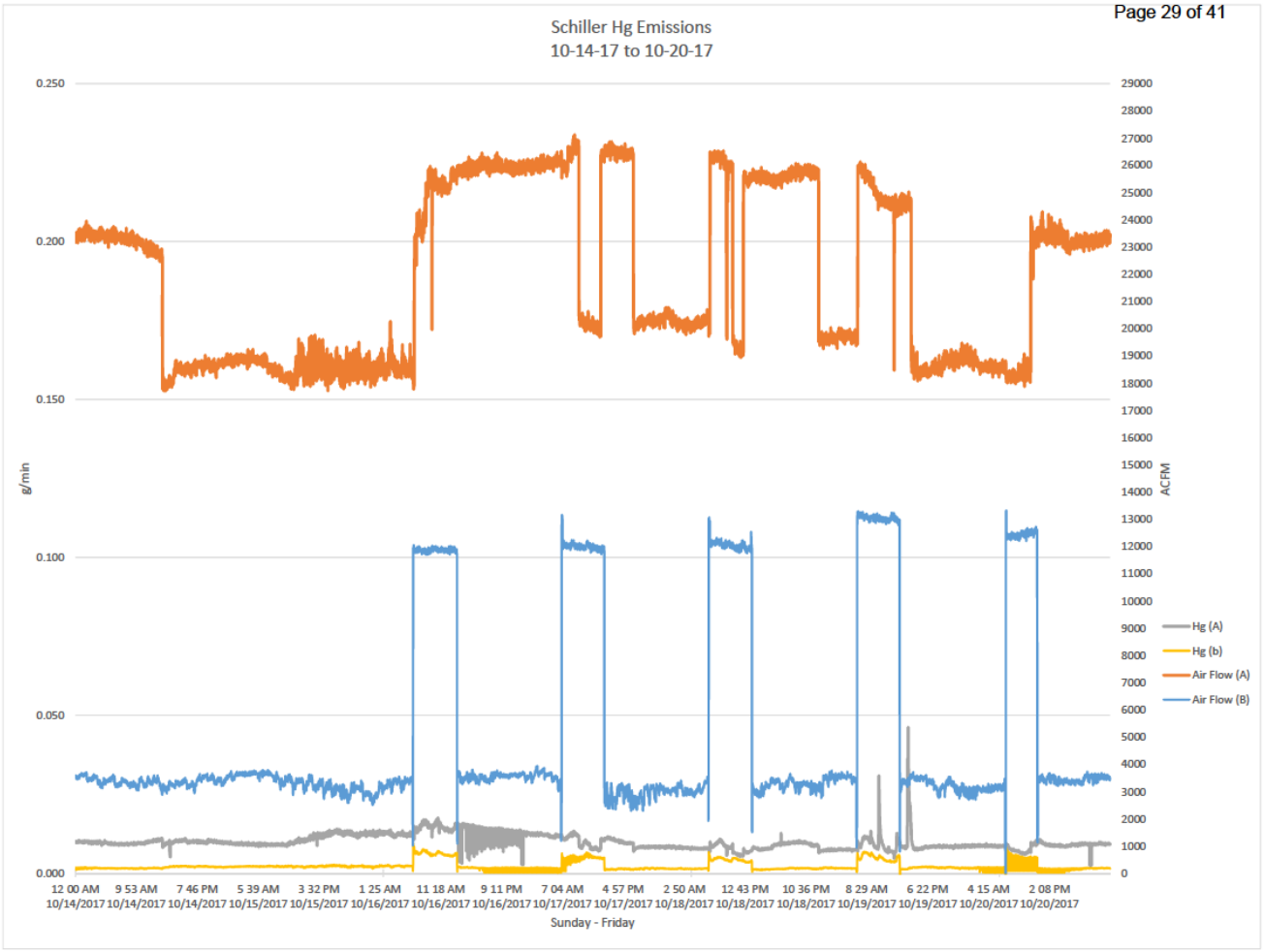

Schiller Hg Emissions
9-23-17 to 9-29-17
6179
6063
5992
6002
5983
5893
6135
g/day
Total Hg (B)
Total Hg (A)
9/23/2017
9/24/2017
9/25/2017
9/26/2017
9/27/2017
9/28/2017
9/29/2017
Saturday - Friday
6179 g/day = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

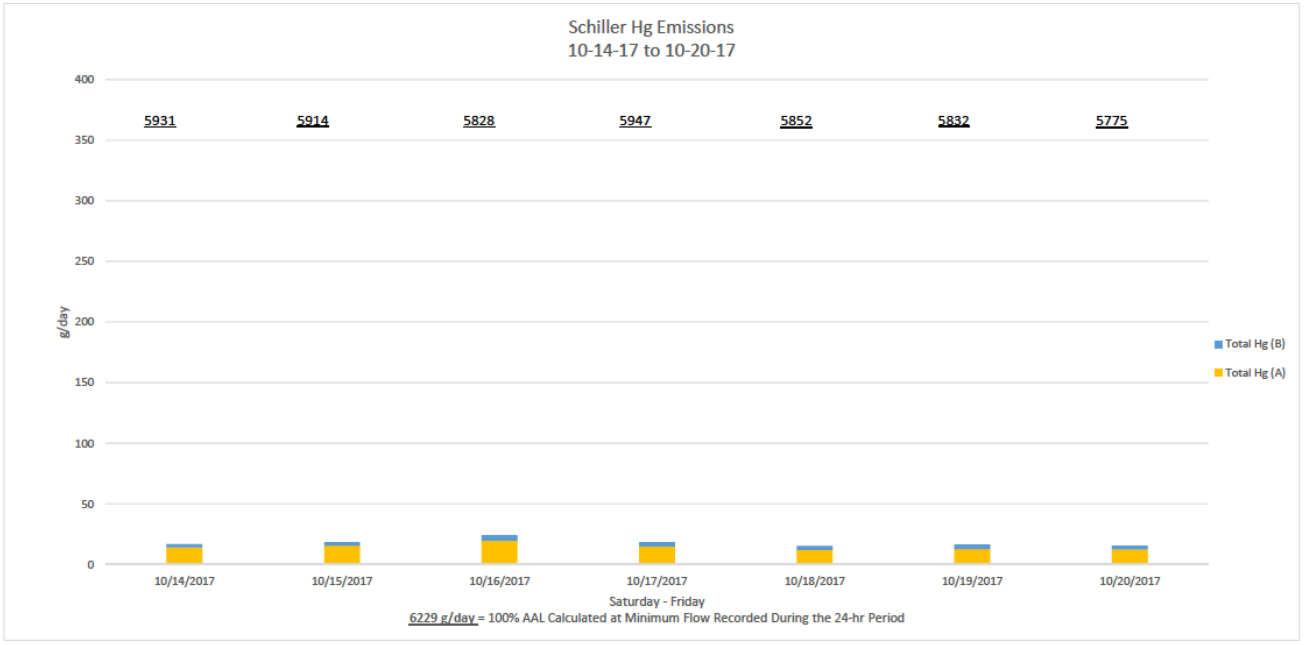

Schiller Hg Emissions
9-30-17 to 10-06-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

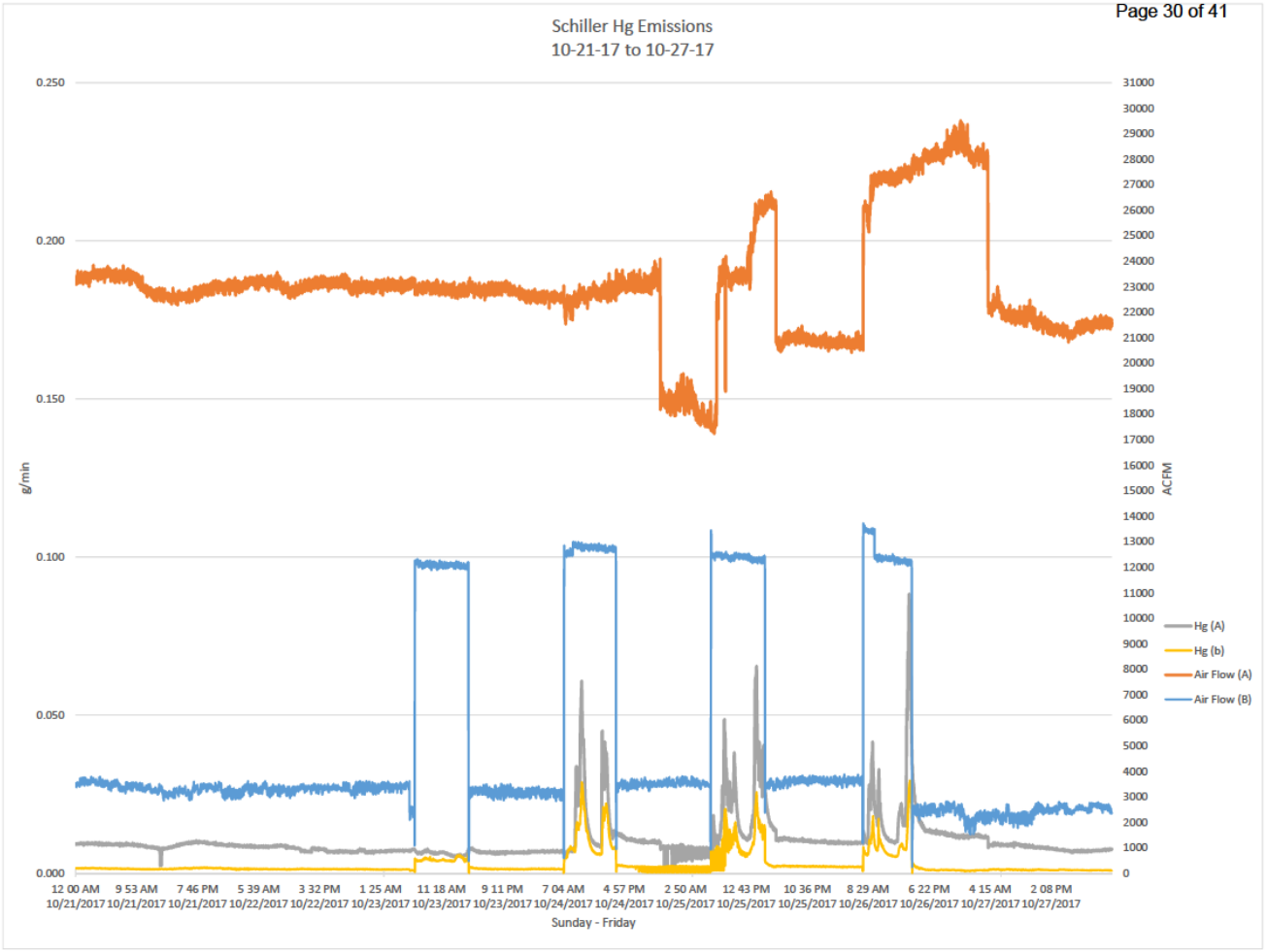

Schiller Hg Emissions
9-30-17 to 10-06-17
6261
6222
6107
6161
6009
6078
6105
g/day
Total Hg (B)
Total Hg (A)
9/30/2017
10/1/2017
10/2/2017
10/3/2017
10/4/2017
10/5/2017
10/6/2017
Saturday - Friday
6261 g/day = 100% AAI Calculated at Minimum Flow Recorded During the 24-hr Period

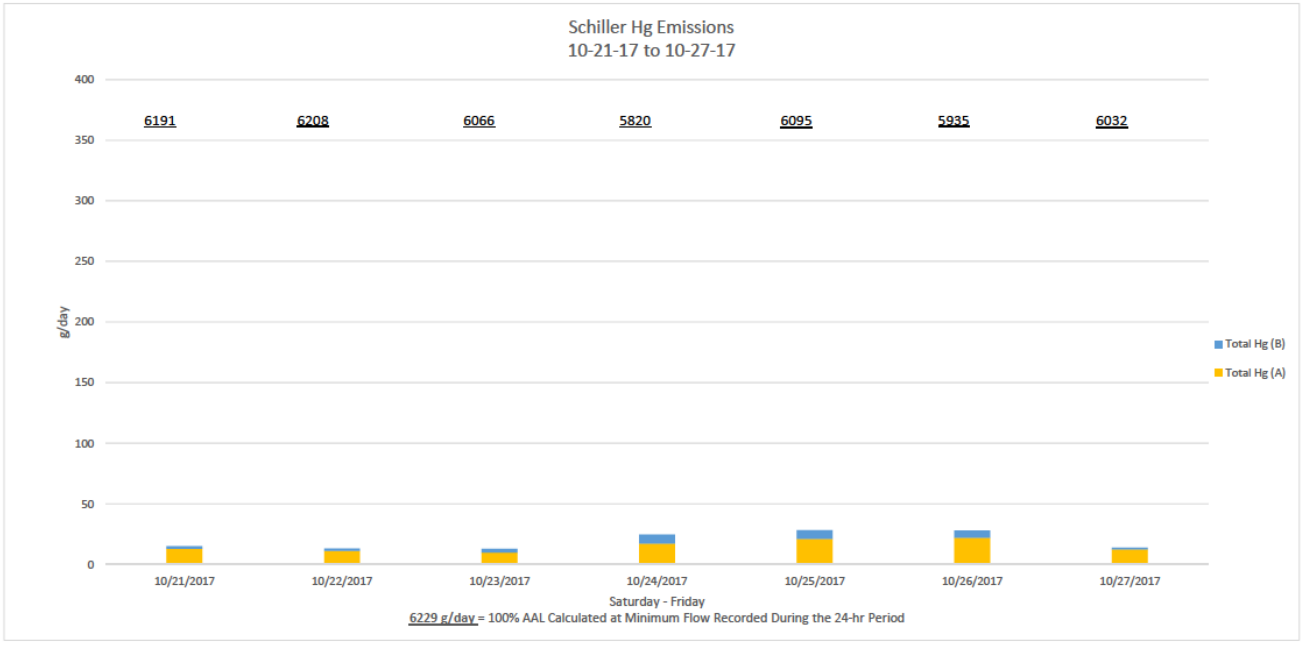

Schiller Hg Emissions
10-07-17 to 10-13-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

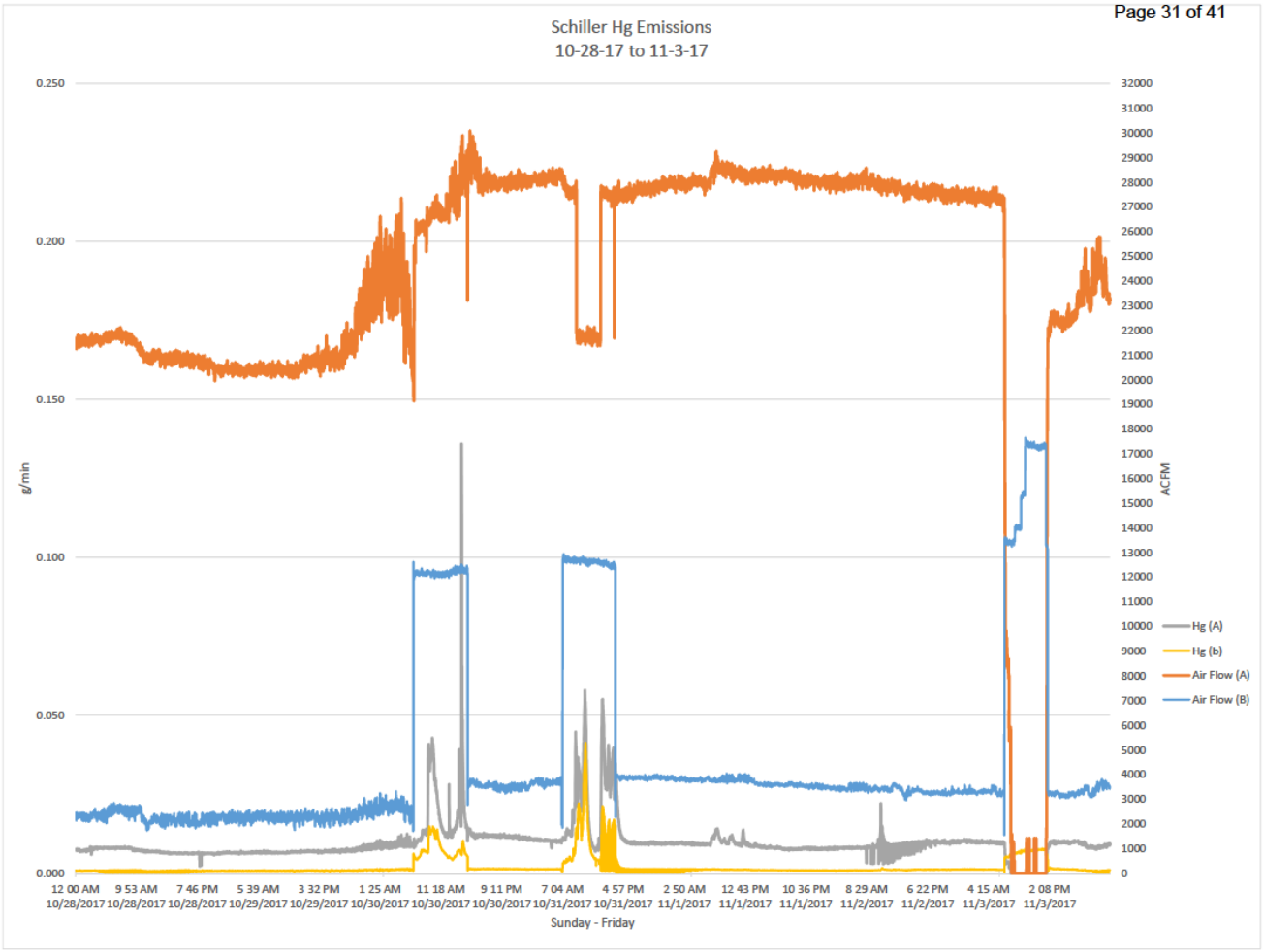

Schiller Hg Emissions
10-07-17 to 10-13-17
6229
6200
6192
6071
6107
6107
6111
g/day
Total Hg (B)
Total Hg (A)
10/7/2017
10/8/2017
10/9/2017
10/10/2017
10/11/2017
10/12/2017
10/13/2017
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

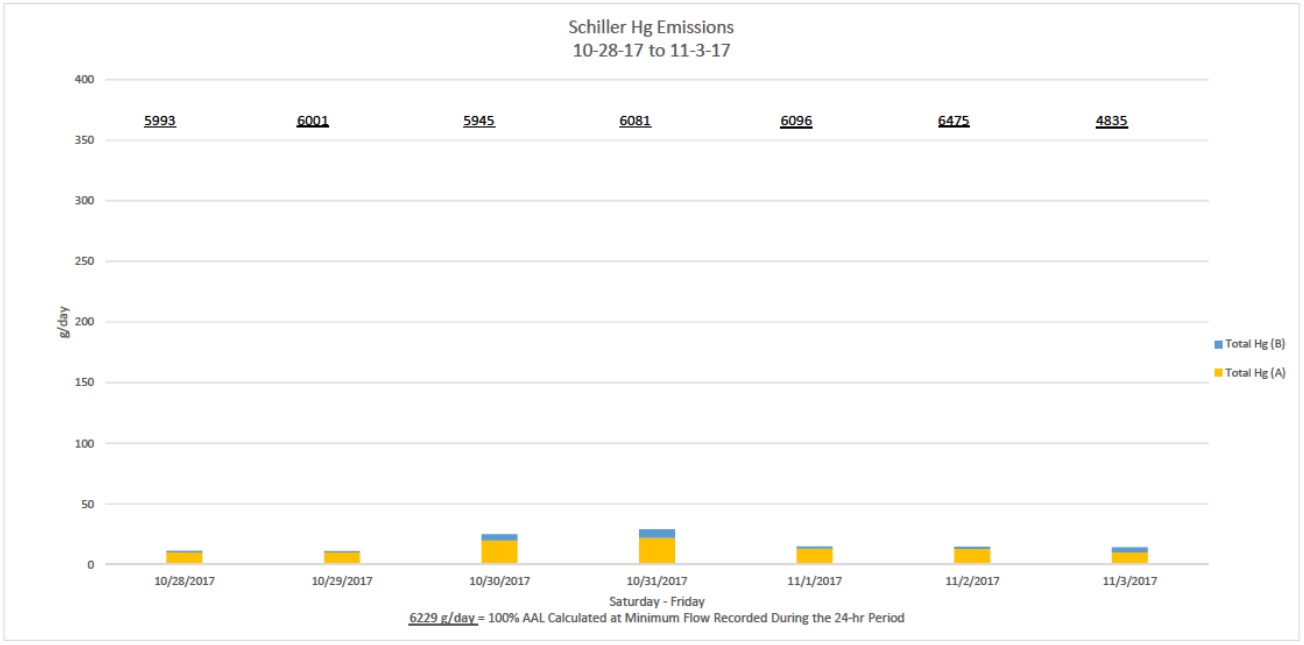

Schiller Hg Emissions
10-14-17 to 10-20-17
g/min
ACFM
0.250
0.200
0.150
0.100
0.050
0.000
29000
28000
27000
26000
25000
24000
23000
22000
21000
20000
19000
18000
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
12 00 AM 10/14/2017
9 53 AM 10/14/2017
7 46 PM 10/14/2017
5 39 AM 10/15/2017
3 32 PM 10/15/2017
1 25 AM 10/16/2017
11 18 AM 10/16/2017
9 11 PM 10/16/2017
7 04 AM 10/17/2017
4 57 PM 10/17/2017
2 50 AM 10/18/2017
12 43 PM 10/18/2017
10 36 PM 10/18/2017
8 29 AM 10/19/2017
6 22 PM 10/19/2017
4 15 AM 10/20/2017
2 08 PM 10/20/2017
Sunday - Friday

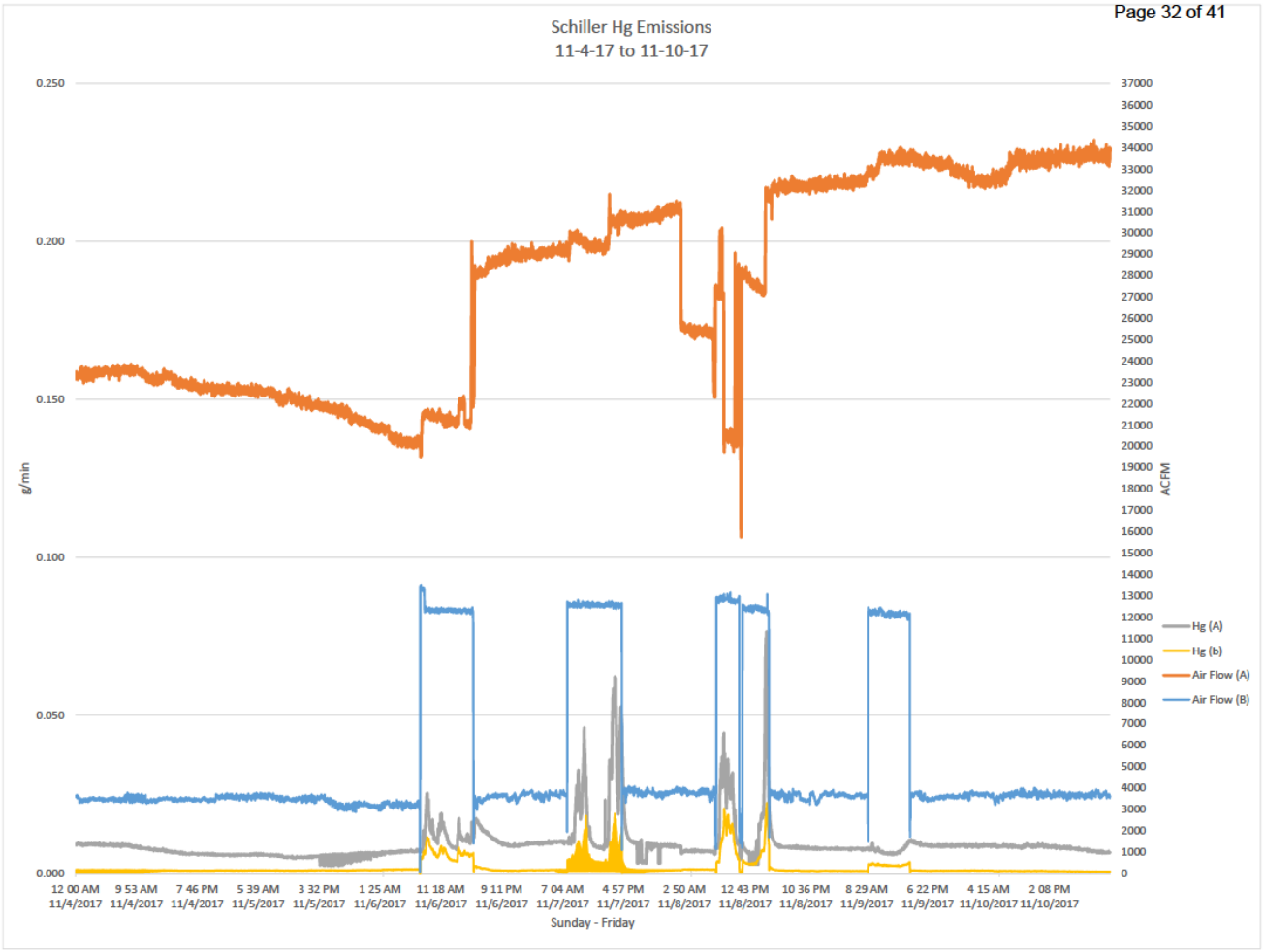

Schiller Hg Emissions
10-14-17 to 10-20-17
g/day
400
350
300
250
200
150
100
50
0
5931
5914
5828
5947
5852
5832
5775
Total Hg (B)
Total Hg (A)
10/14/2017
10/15/2017
10/16/2017
10/17/2017
10/18/2017
10/19/2017
10/20/2017
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

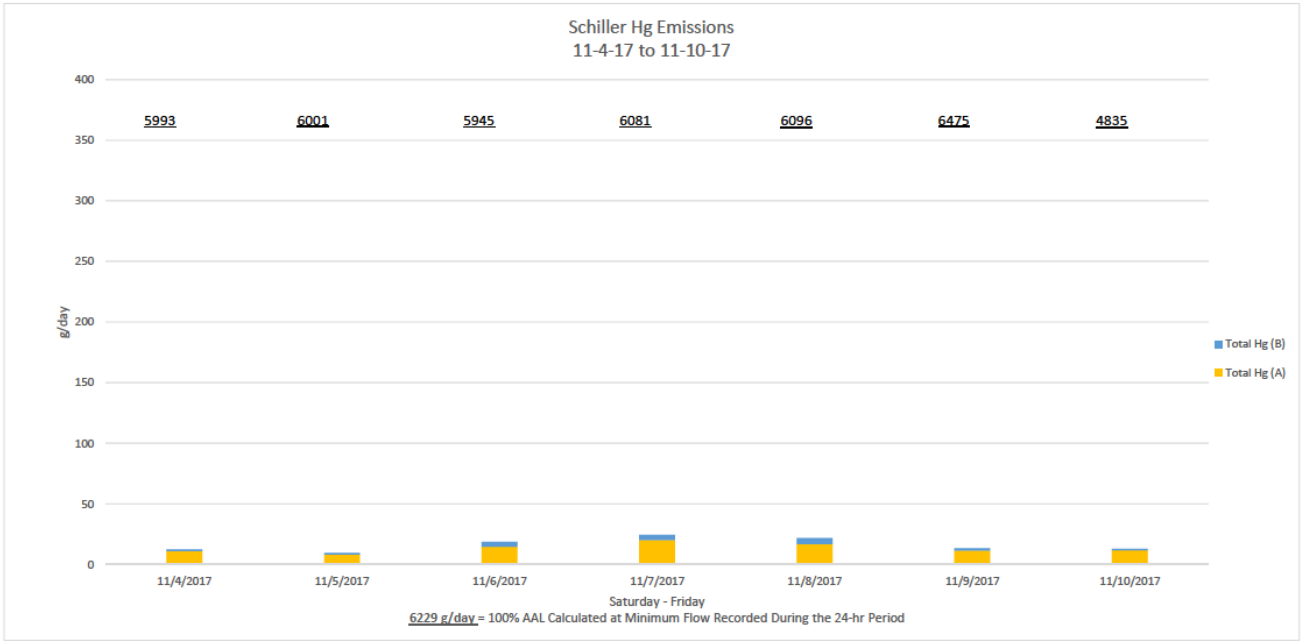

Schiller Hg Emissions
10-21-17 to 10-27-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
12 00 AM 10/21/2017
9 53 AM 10/21/2017
7 46 PM 10/21/2017
5 39 AM 10/22/2017
3 32 PM 10/22/2017
1 25 AM 10/23/2017
11 18 AM 10/23/2017
9 11 PM 10/23/2017
7 04 AM 10/24/2017
4 57 PM 10/24/2017
2 50 AM 10/25/2017
12 43 PM 10/25/2017
10 36 PM 10/25/2017
8 29 AM 10/26/2017
6 22 PM 10/26/2017
4 15 AM 10/27/2017
2 08 PM 10/27/2017
Sunday - Friday

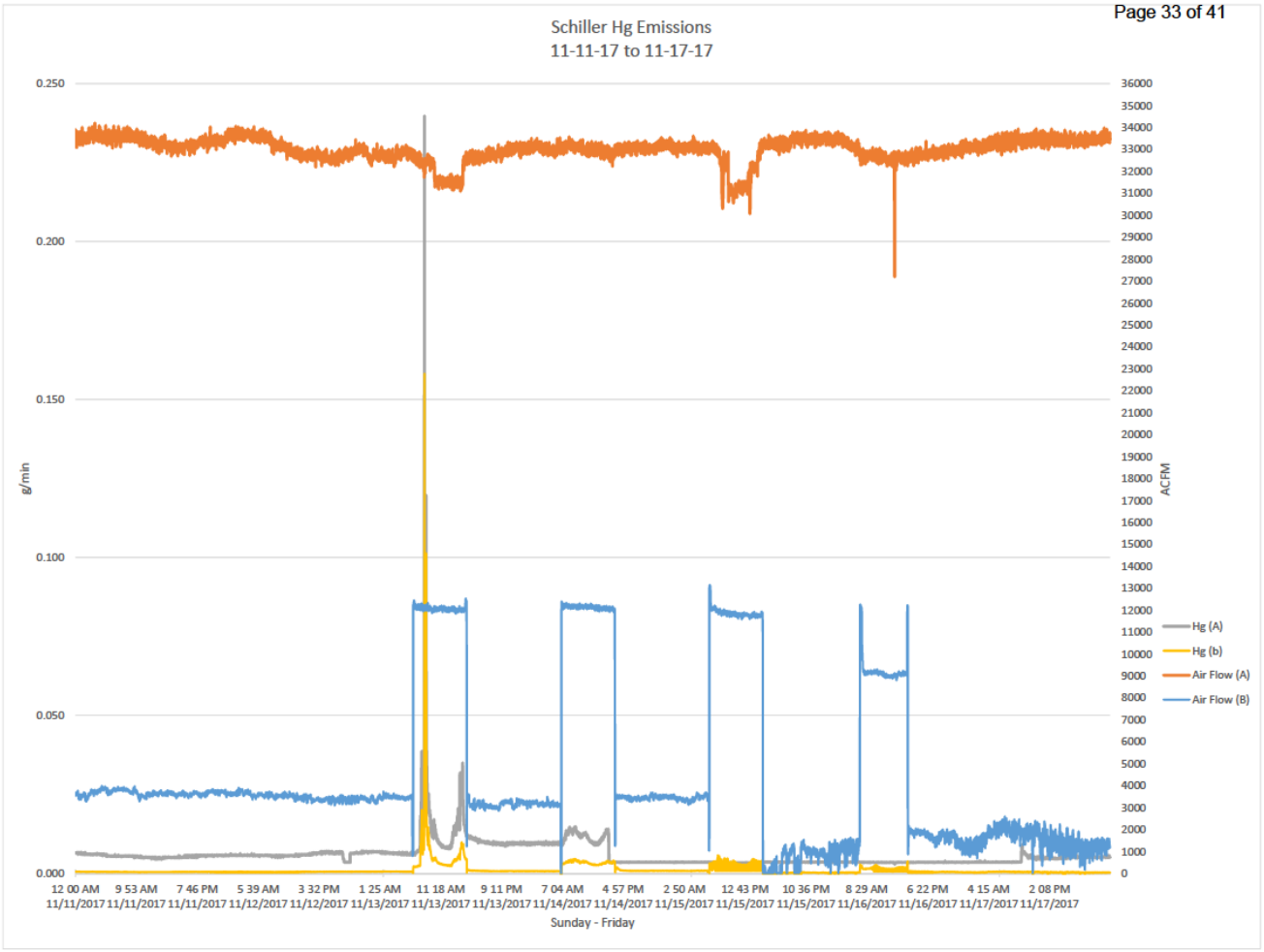

Schiller Hg Emissions
10-21-17 to 10-27-17
6191
6208
6066
5820
6095
5935
6032
g/day
Total Hg (B)
Total Hg (A)
10/21/2017
10/22/2017
10/23/2017
10/24/2017
10/25/2017
10/26/2017
10/27/2017
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

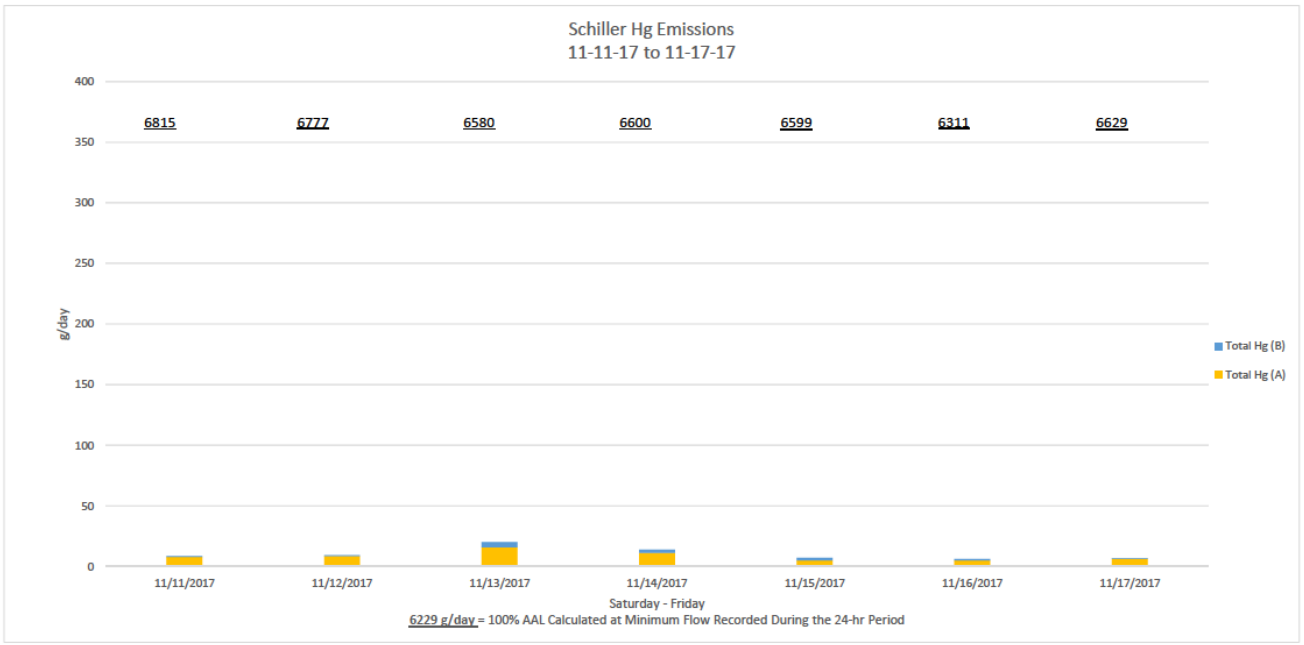

Schiller Hg Emissions
10-28-17 to 11-3-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
12 00 AM 10/28/2017
9 53 AM 10/28/2017
7 46 PM 10/28/2017
5 39 AM 10/29/2017
3 32 PM 10/29/2017
1 25 AM 10/30/2017
11 18 AM 10/30/2017
9 11 PM 10/30/2017
7 04 AM 10/31/2017
4 57 PM 10/31/2017
2 50 AM 11/1/2017
12 43 PM 11/1/2017
10 36 PM 11/1/2017
8 29 AM 11/2/2017
6 22 PM 11/2/2017
4 15 AM 11/3/2017
2 08 PM 11/3/2017
Sunday - Friday


Schiller Hg Emissions
10-28-17 to 11-3-17
g/day
5993
6001
5945
6081
6096
6475
4835
Total Hg (B)
Total Hg (A)
10/28/2017
10/29/2017
10/30/2017
10/31/2017
11/1/2017
11/2/2017
11/3/2017
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

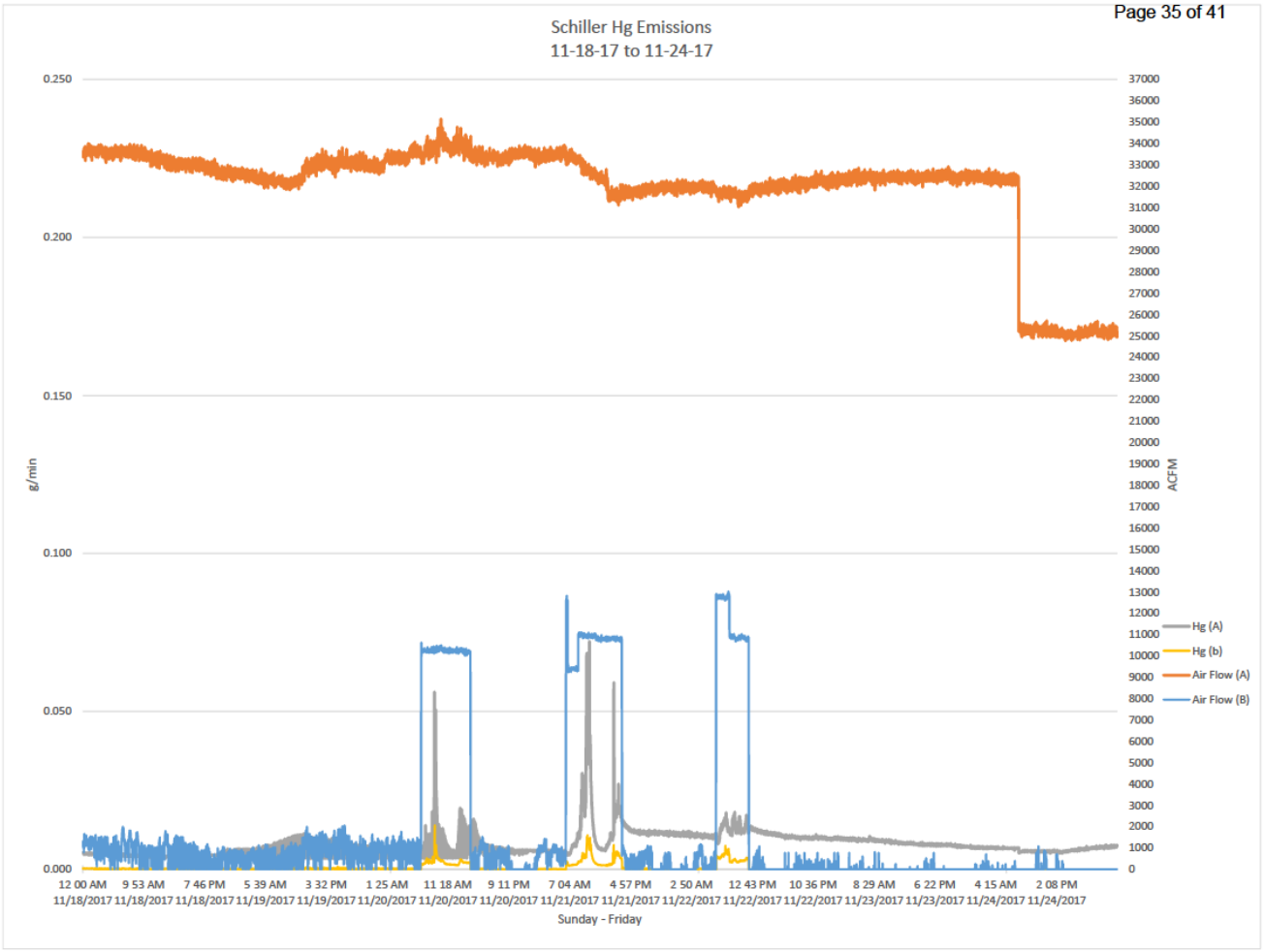

Schiller Hg Emissions
11-4-17 to 11-10-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
12 00 AM 11/4/2017
9 53 AM 11/4/2017
7 46 PM 11/4/2017
5 39 AM 11/5/2017
3 32 PM 11/5/2017
1 25 AM 11/6/2017
11 18 AM 11/6/2017
9 11 PM 11/6/2017
7 04 AM 11/7/2017
4 57 PM 11/7/2017
2 50 AM 11/8/2017
12 43 PM 11/8/2017
10 36 PM 11/8/2017
8 29 AM 11/9/2017
6 22 PM 11/9/2017
4 15 AM 11/10/2017
2 08 PM 11/10/2017
Sunday - Friday

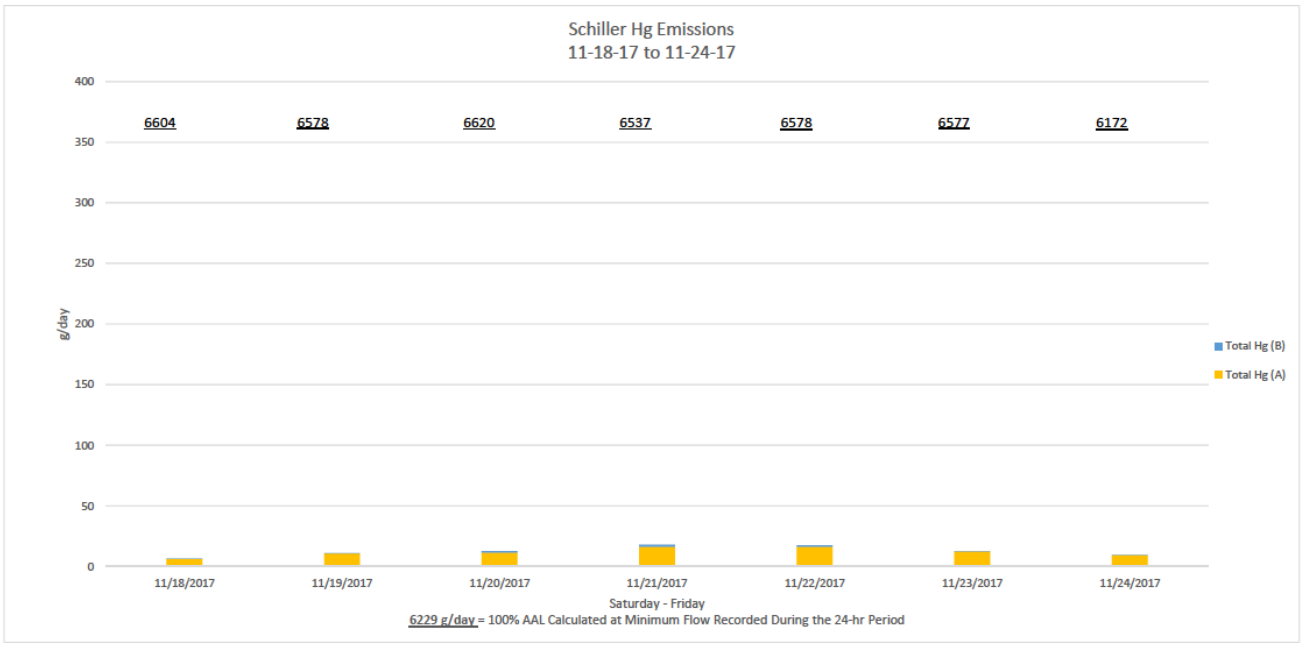

Schiller Hg Emissions
11-4-17 to 11-10-17
5993
6001
5945
6081
6096
6475
4835
g/day
Total Hg (B)
Total Hg (A)
11/4/2017
11/5/2017
11/6/2017
11/7/2017
11/8/2017
11/9/2017
11/10/2017
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

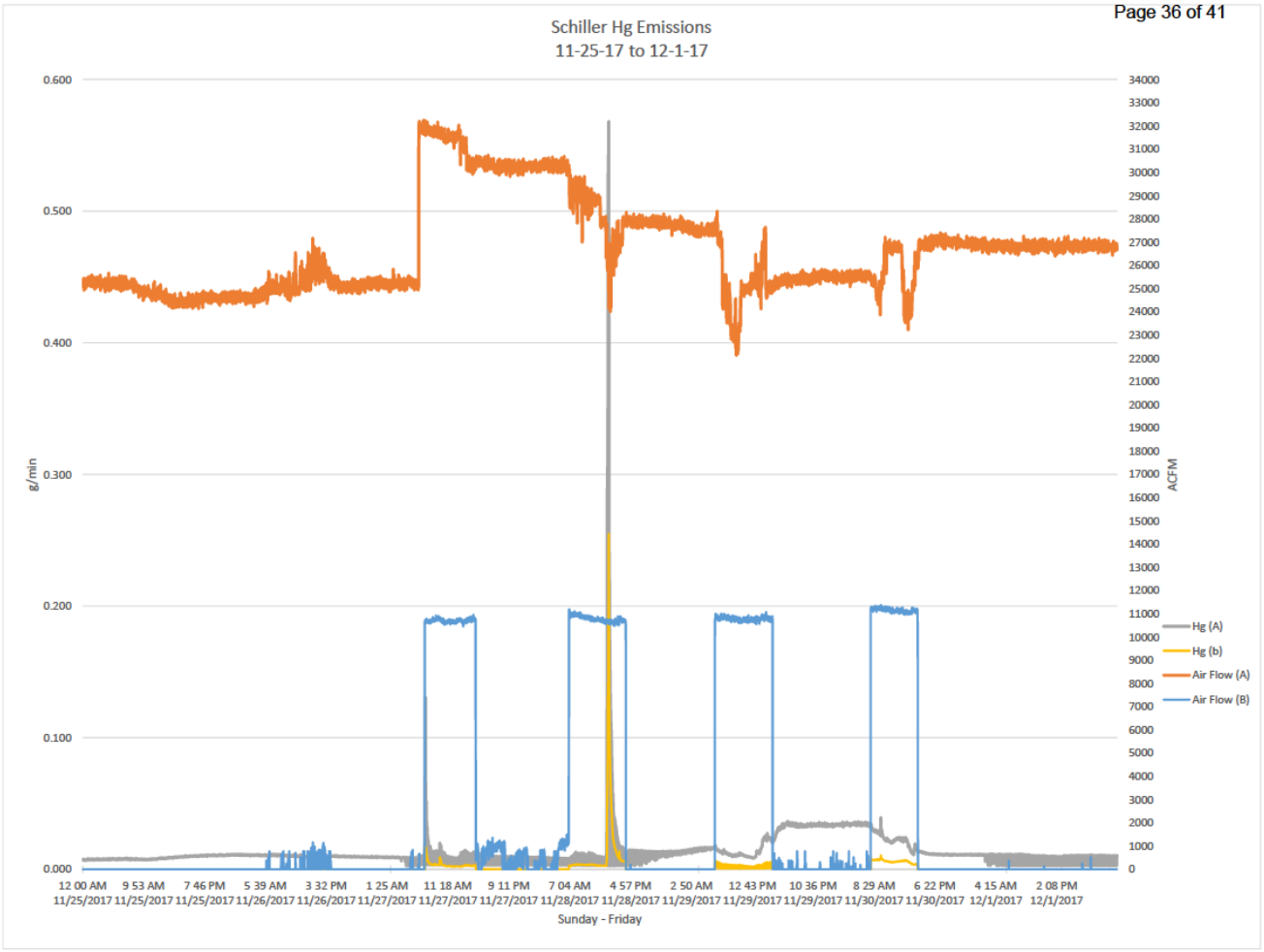

Schiller Hg Emissions
11-11-17 to 11-17-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
12 00 AM 11/11/2017
9 53 AM 11/11/2017
7 46 PM 11/11/2017
5 39 AM 11/12/2017
3 32 PM 11/12/2017
1 25 AM 11/13/2017
11 18 AM 11/13/2017
9 11 PM 11/13/2017
7 04 AM 11/14/2017
4 57 PM 11/14/2017
2 50 AM 11/15/2017
12 43 PM 11/15/2017
10 36 PM 11/15/2017
8 29 AM 11/16/2017
6 22 PM 11/16/2017
4 15 AM 11/17/2017
2 08 PM 11/17/2017
Sunday - Friday

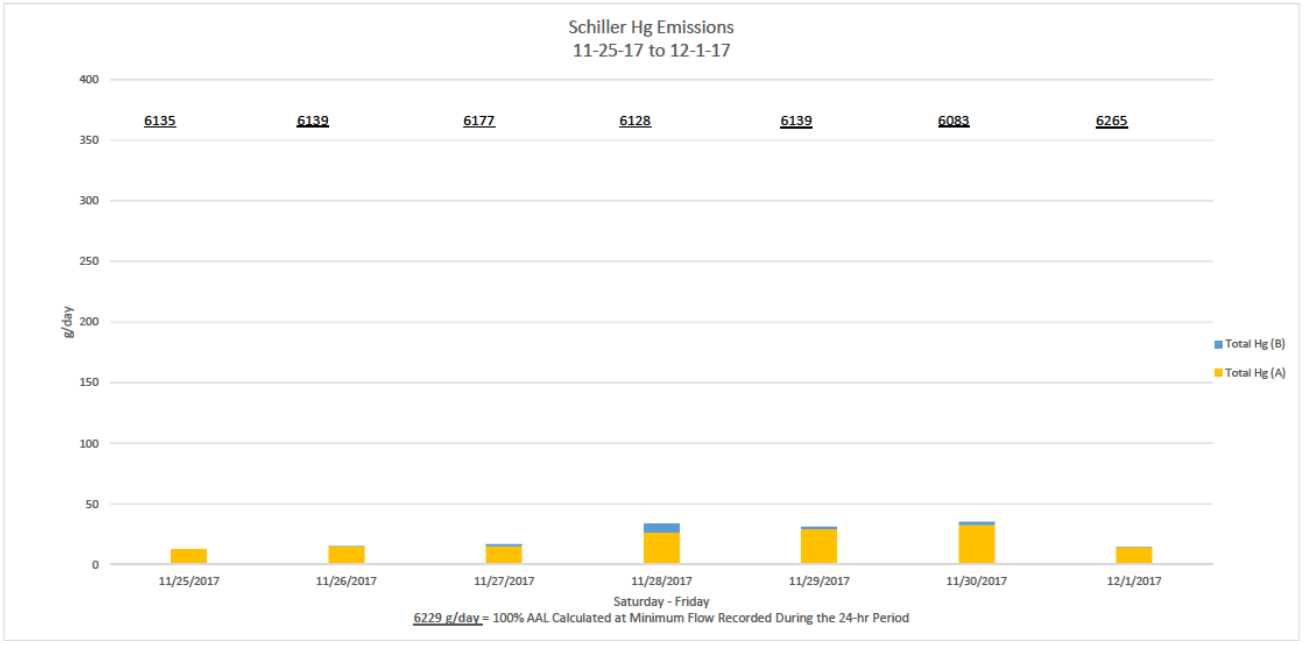

Schiller Hg Emissions
11-11-17 to 11-17-17
g/day
6815
6777
6580
6600
6599
6311
6629
Total Hg (B)
Total Hg (A)
11/11/2017
11/12/2017
11/13/2017
11/14/2017
11/15/2017
11/16/2017
11/17/2017
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

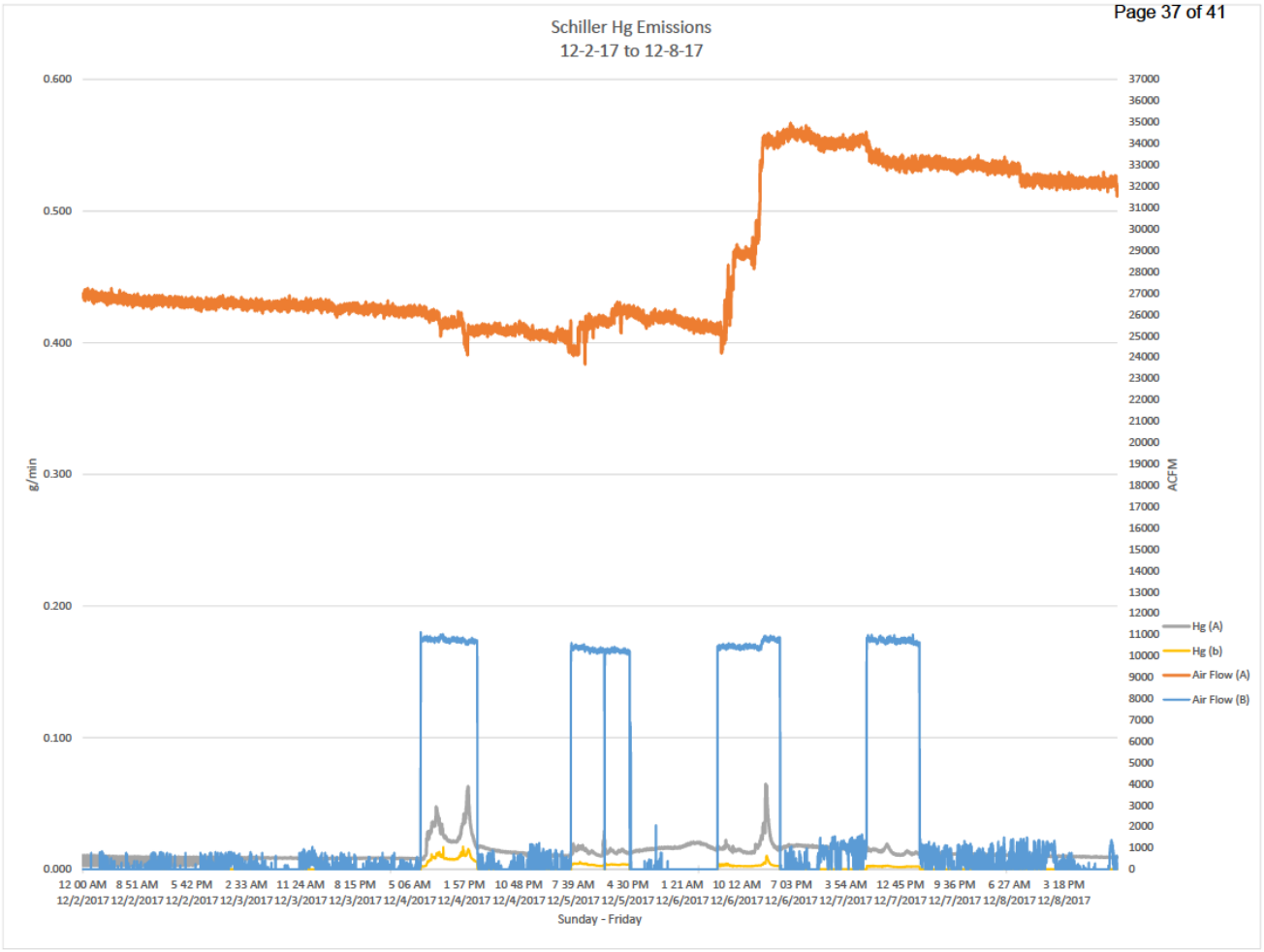

System B with Carbon Filters
11-16-17
14000
12000
10000
8000
6000
4000
2000
0
20
18
16
14
12
10
8
6
4
2
0
12:00 AM
2:24 AM
4:48 AM
7:12 AM
9:36 AM
12:00 PM
2:24 PM
4:48 PM
7:12 PM
9:36 PM
12:00 AM
Flow B-Duct (ACFM)
Hg B-Duct (ug/m3)

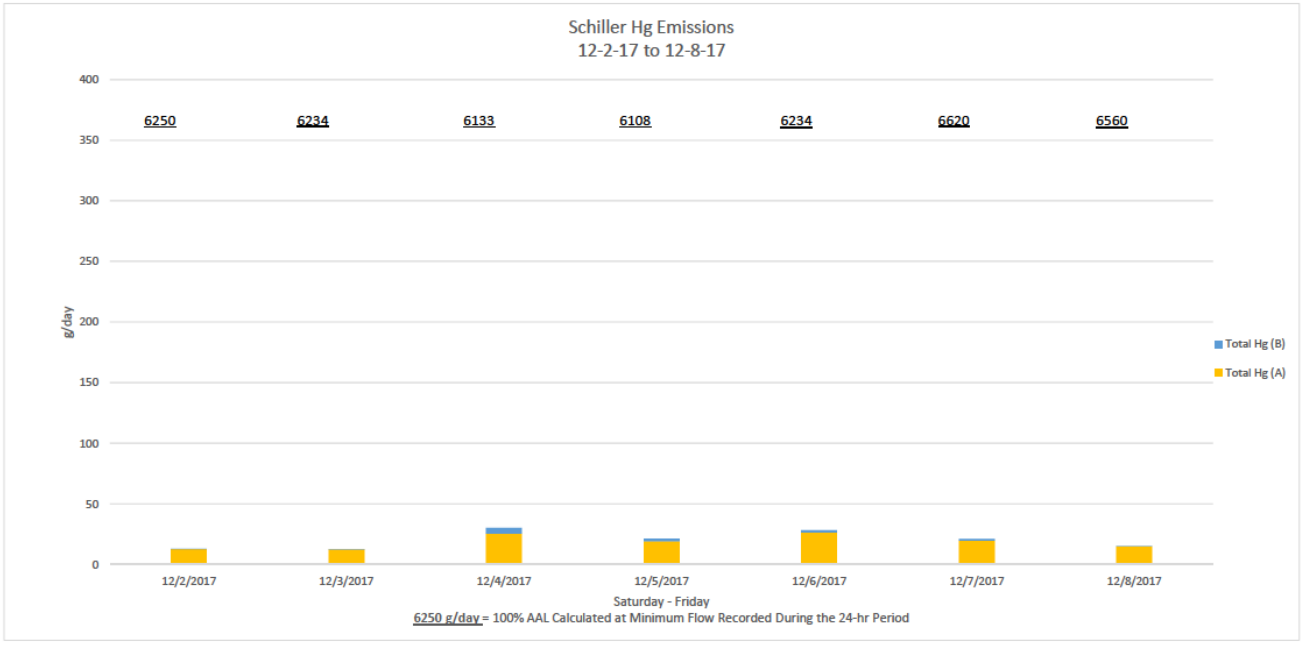

Schiller Hg Emissions
11-18-17 to 11-24-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

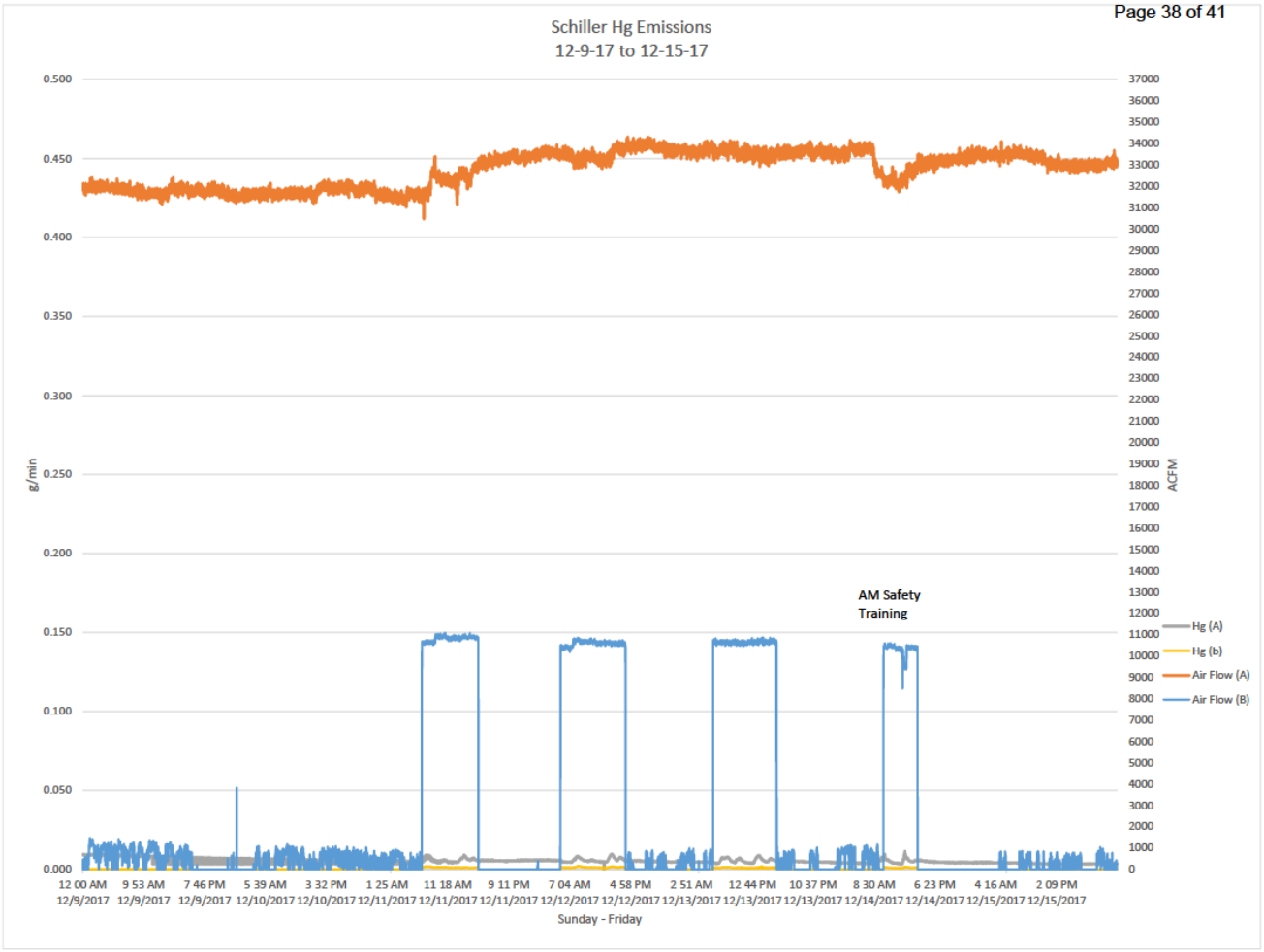

Schiller Hg Emissions
11-18-17 to 11-24-17
6604
6578
6620
6537
6578
6577
6172
g/day
Total Hg (B)
Total Hg (A)
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

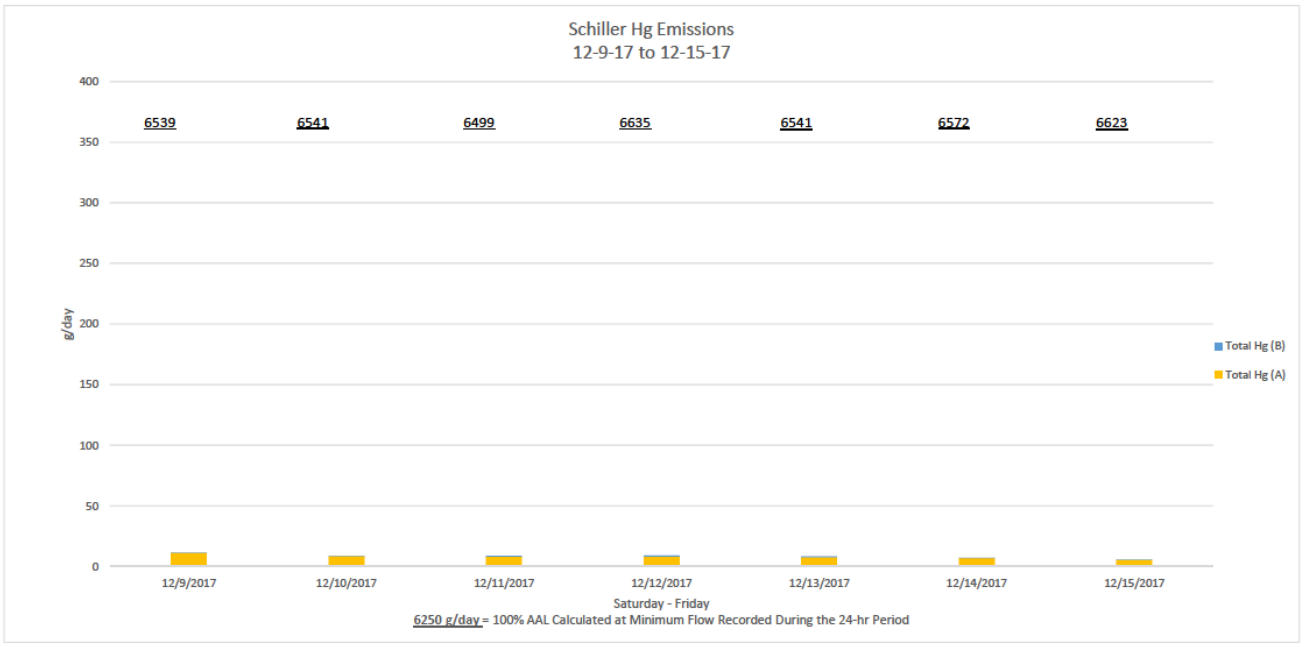

Schiller Hg Emissions
11-25-17 to 12-1-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

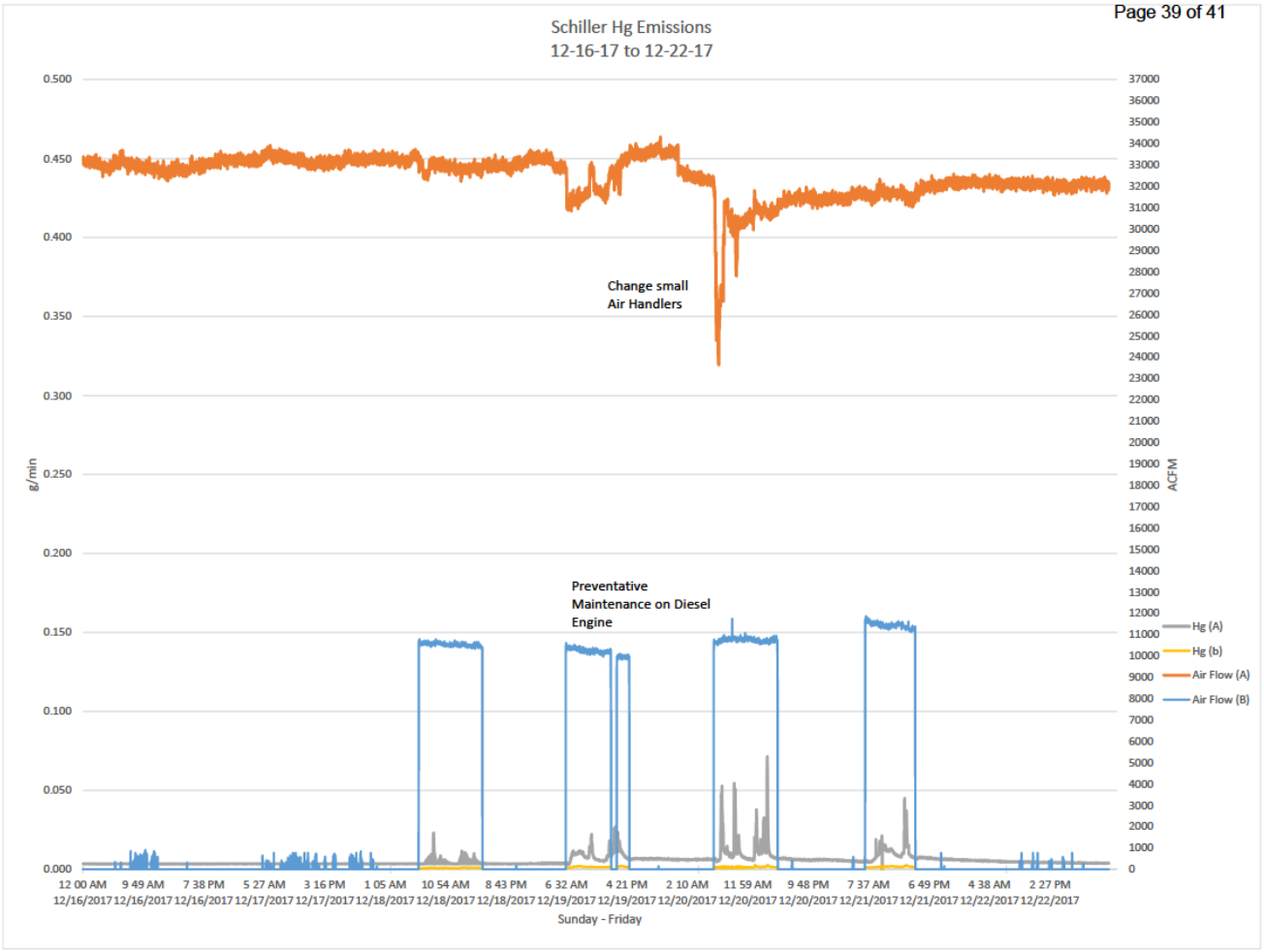

Schiller Hg Emissions
11-25-17 to 12-1-17
g/day
6135
6139
6177
6128
6139
6083
6265
Total Hg (B)
Total Hg (A)
Saturday - Friday
6229 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

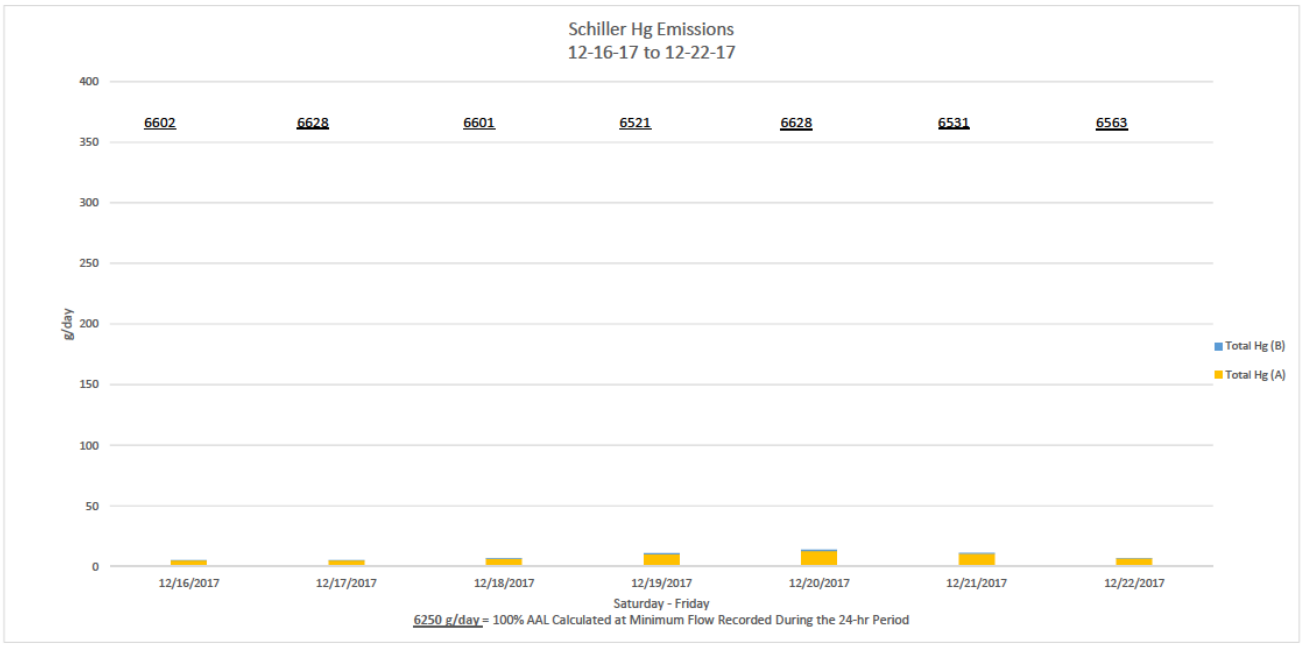

Schiller Hg Emissions
12-2-17 to 12-8-17
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
12 00 AM 12/2/2017
8 51 AM 12/2/2017
5 42 PM 12/2/2017
2 33 AM 12/3/2017
11 24 AM 12/3/2017
8 15 PM 12/3/2017
5 06 AM 12/4/2017
1 57 PM 12/4/2017
10 48 PM 12/4/2017
7 39 AM 12/5/2017
4 30 PM 12/5/2017
1 21 AM 12/6/2017
10 12 AM 12/6/2017
7 03 PM 12/6/2017
3 54 AM 12/7/2017
12 45 PM 12/7/2017
9 36 PM 12/7/2017
6 27 AM 12/8/2017
3 18 PM 12/8/2017
Sunday - Friday

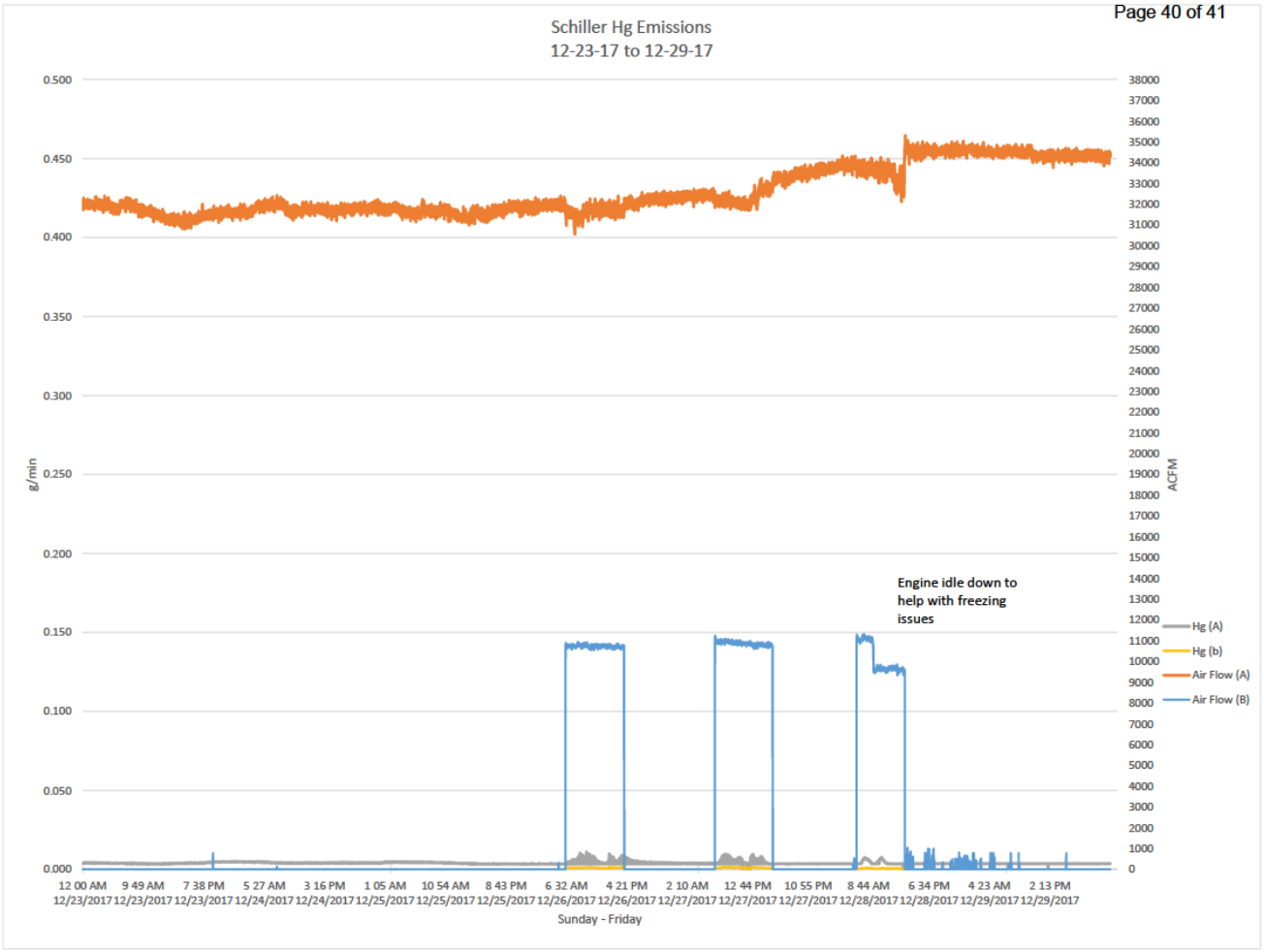

Schiller Hg Emissions
12-2-17 to 12-8-17
g/day
6250
6234
6133
6108
6234
6620
6560
Total Hg (B)
Total Hg (A)
12/2/2017
12/3/2017
12/4/2017
12/5/2017
12/6/2017
12/7/2017
12/8/2017
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

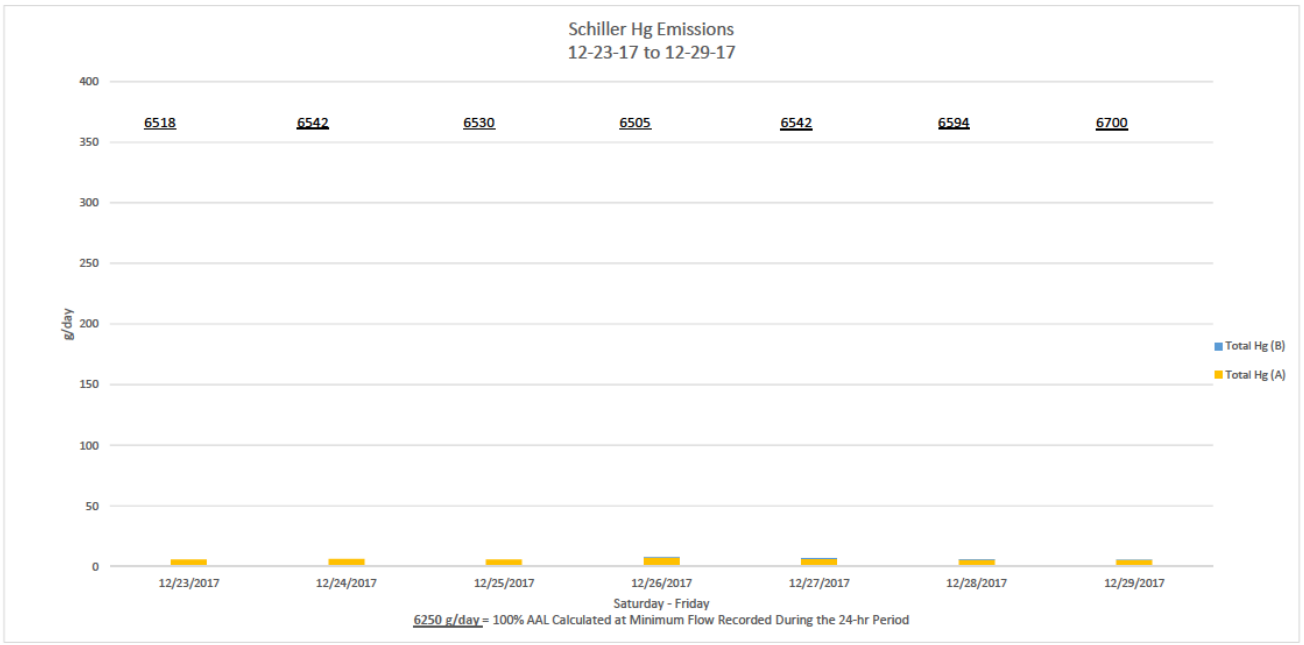

Schiller Hg Emissions
12-9-17 to 12-15-17
g/min
ACFM
AM Safety
Training
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

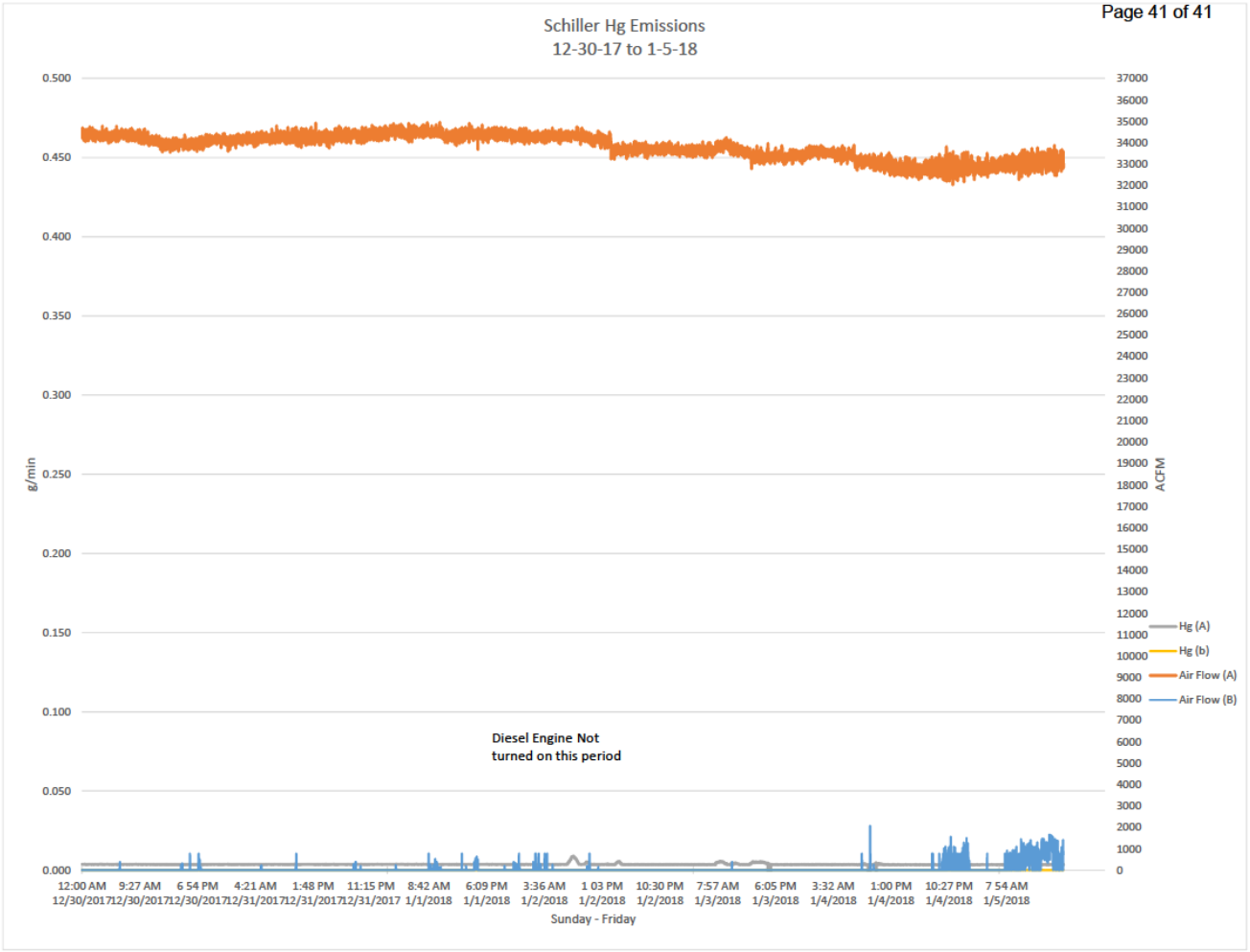

Schiller Hg Emissions
12-9-17 to 12-15-17
g/day
6539
6541
6499
6635
6541
6572
6623
Total Hg (B)
Total Hg (A)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

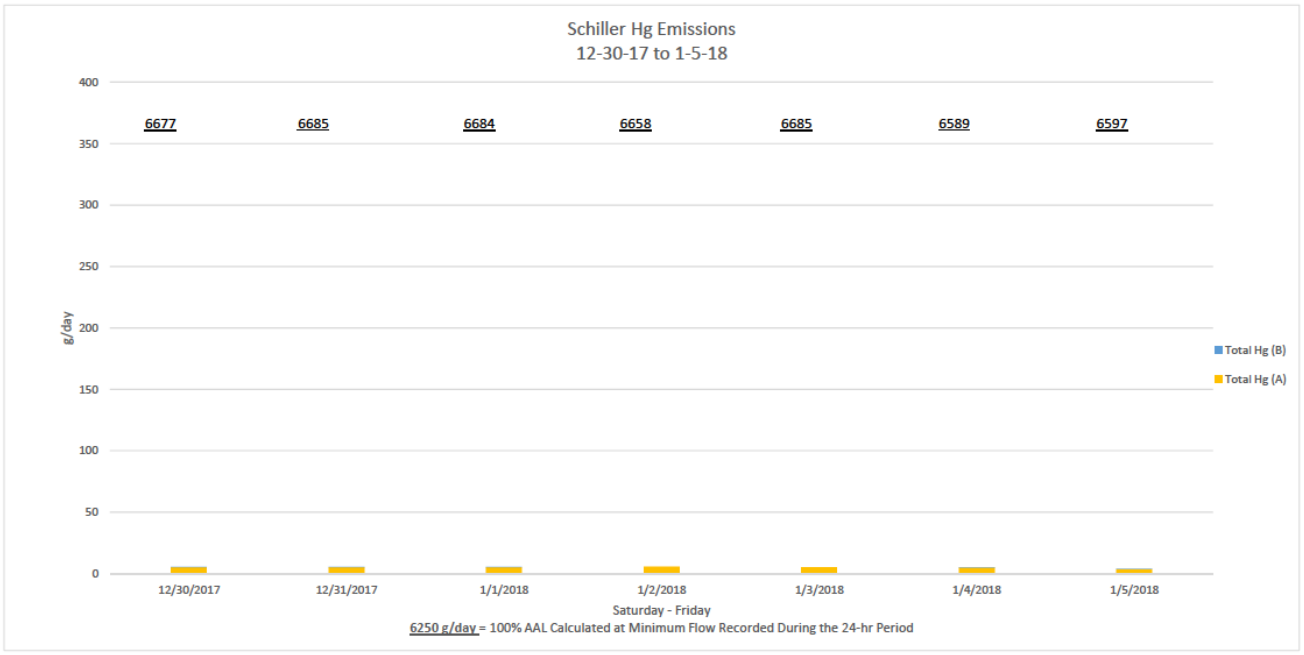

Schiller Hg Emissions
12-16-17 to 12-22-17
g/min
ACFM
Change small
Air Handlers
Preventative
Maintenance on Diesel
Engine
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

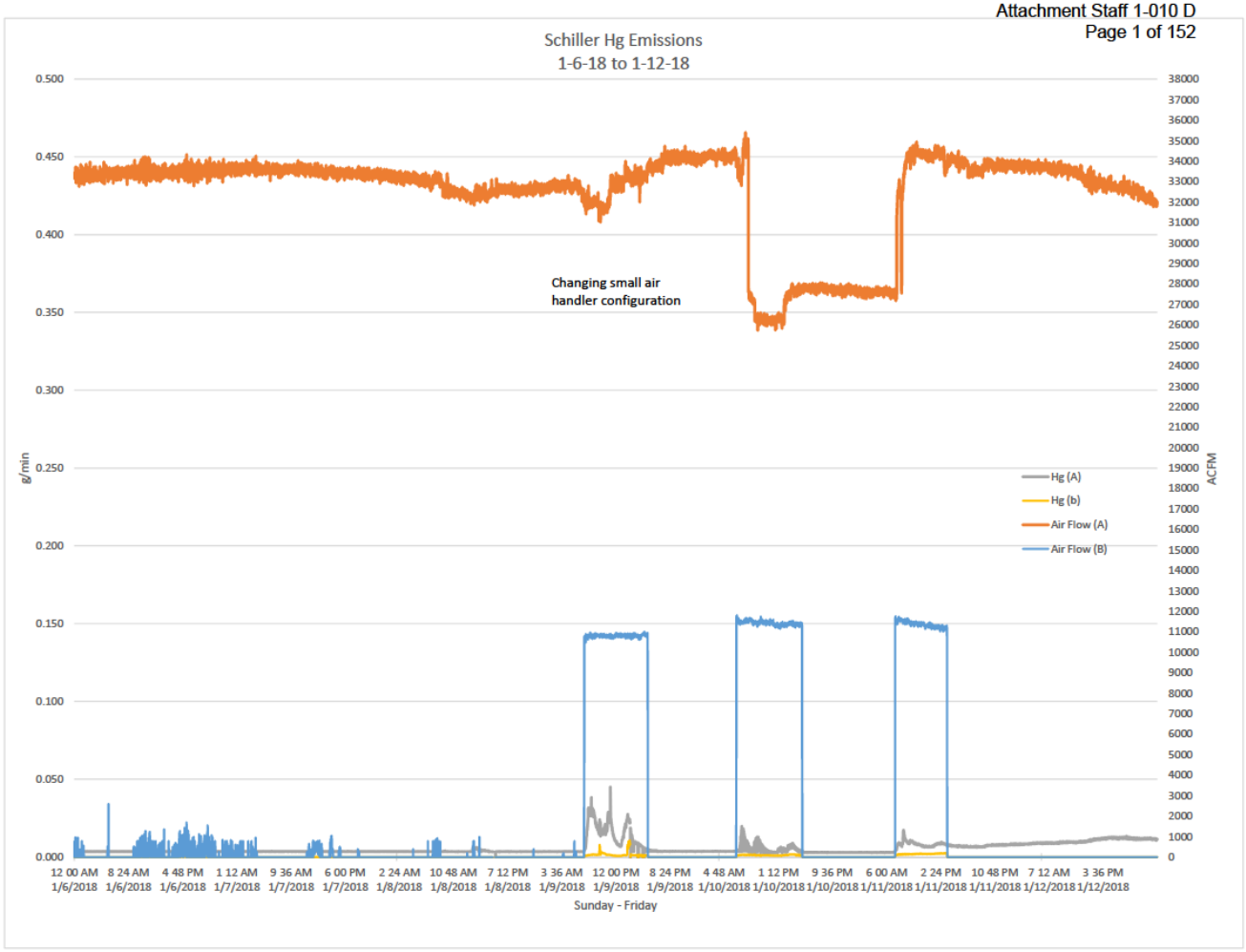

Schiller Hg Emissions
12-16-17 to 12-22-17
g/day
6602
6628
6601
6521
6628
6531
6563
Total Hg (B)
Total Hg (A)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

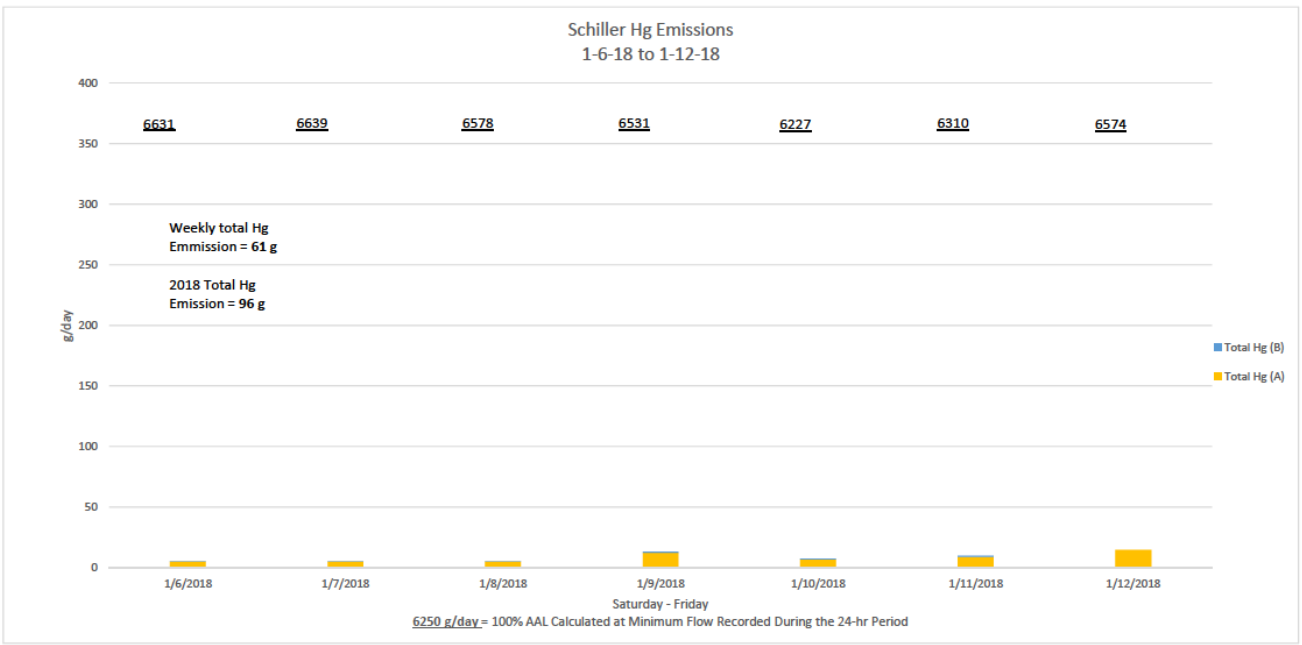

Schiller Hg Emissions
12-23-17 to 12-29-17
g/min
ACFM
Engine idle down to help with freezing issues
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
12 00 AM 12/23/2017
9 49 AM 12/23/2017
7 38 PM 12/23/2017
5 27 AM 12/24/2017
3 16 PM 12/24/2017
1 05 AM 12/25/2017
10 54 AM 12/25/2017
8 43 PM 12/25/2017
6 32 AM 12/26/2017
4 21 PM 12/26/2017
2 10 AM 12/27/2017
12 44 PM 12/27/2017
10 55 PM 12/27/2017
8 44 AM 12/28/2017
6 34 PM 12/28/2017
4 23 AM 12/29/2017
2 13 PM 12/29/2017
Sunday - Friday

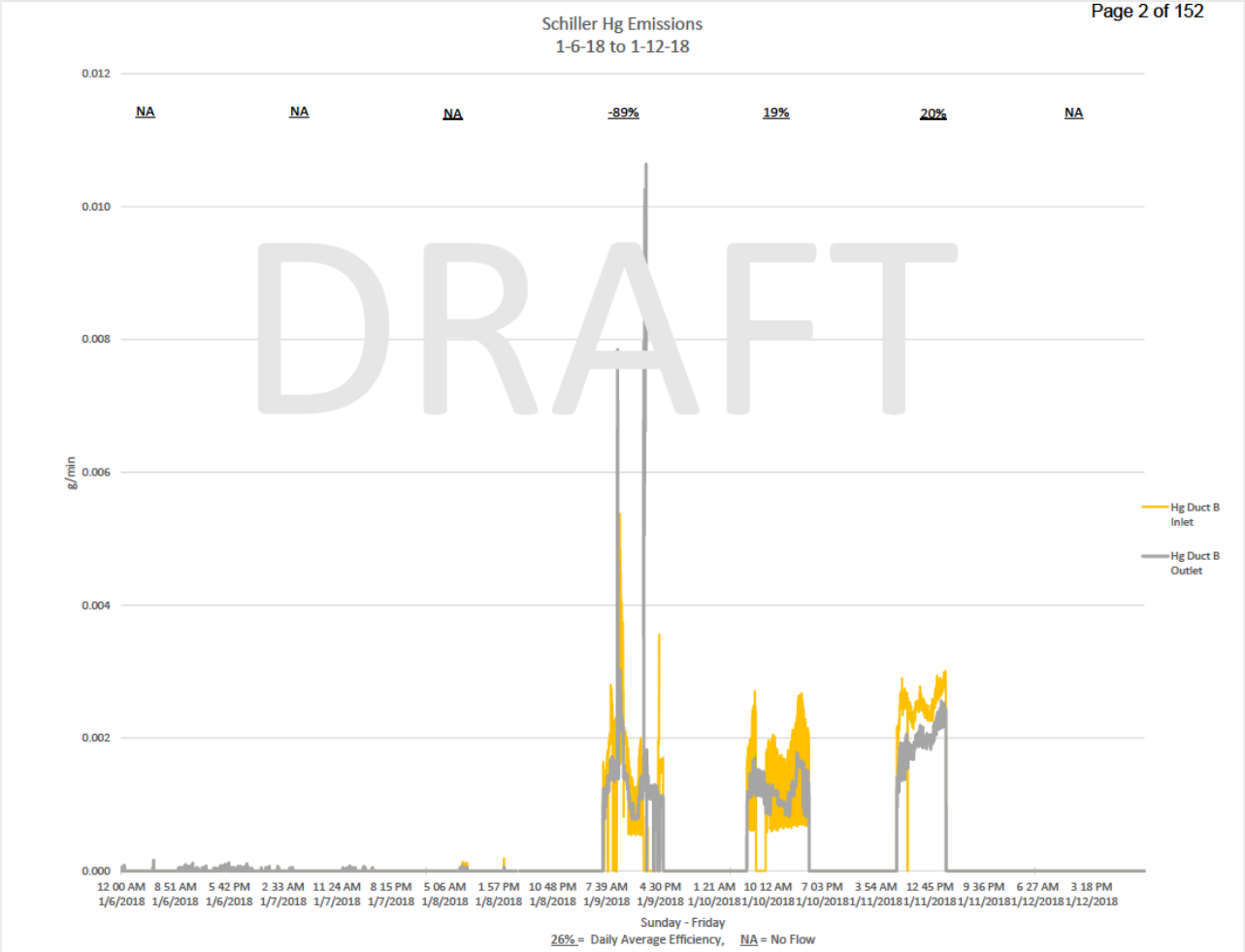

Schiller Hg Emissions
12-23-17 to 12-29-17
g/day
6518
6542
6530
6505
6542
6594
6700
Total Hg (B)
Total Hg (A)
12/23/2017
12/24/2017
12/25/2017
12/26/2017
12/27/2017
12/28/2017
12/29/2017
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller Hg Emissions
12-30-17 to 1-5-18
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Diesel Engine Not
turned on this period
12:00 AM 12/30/2017
9:27 AM 12/30/2017
6 54 PM 12/30/2017
4:21 AM 12/31/2017
1:48 PM 12/31/2017
11:15 PM 12/31/2017
8:42 AM 1/1/2018
6:09 PM 1/1/2018
3:36 AM 1/2/2018
1 03 PM 1/2/2018
10:30 PM 1/2/2018
7:57 AM 1/3/2018
6:05 PM 1/3/2018
3:32 AM 1/4/2018
1:00 PM 1/4/2018
10:27 PM 1/4/2018
7 54 AM 1/5/2018
Sunday - Friday

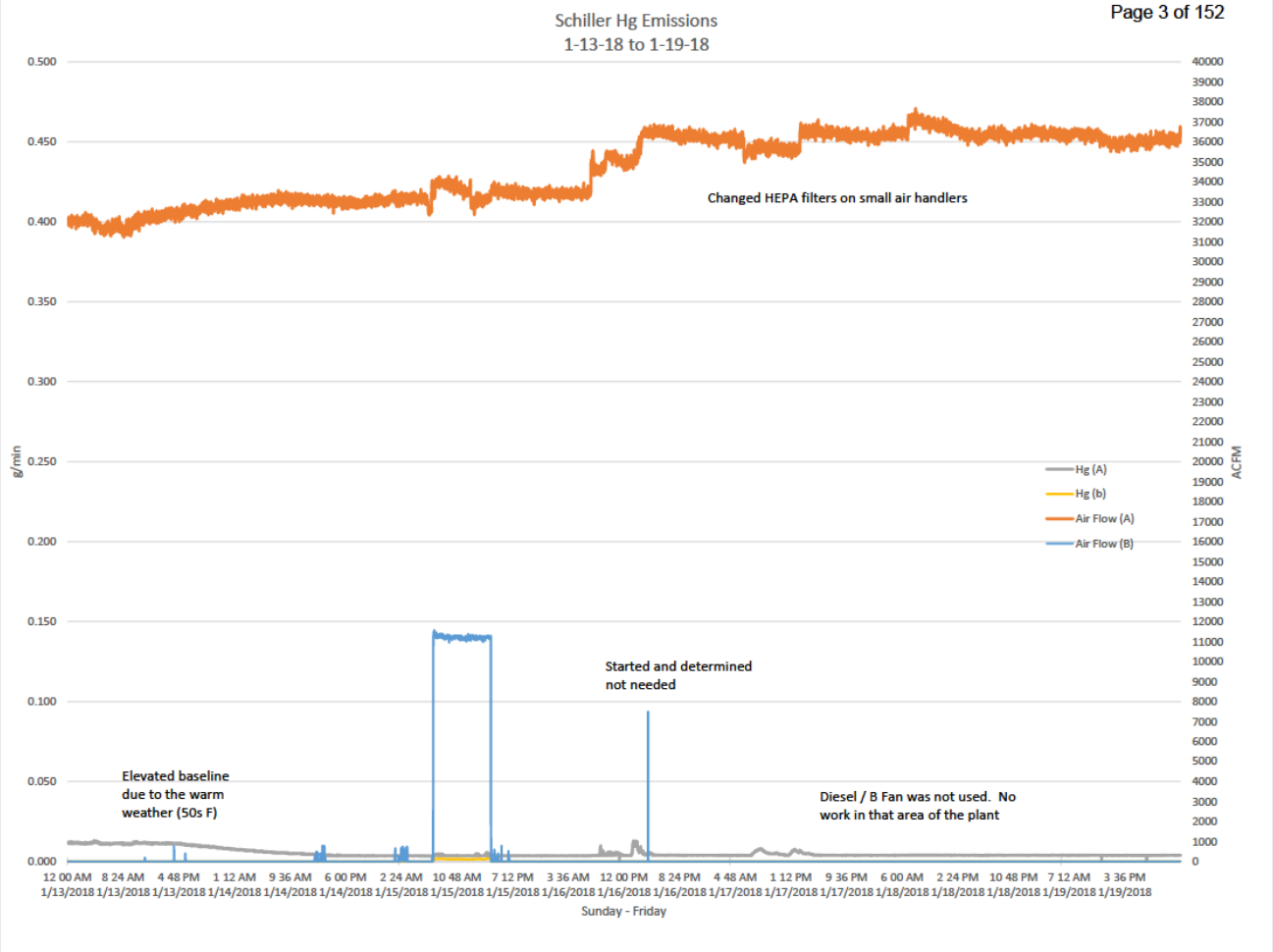

Schiller Hg Emissions
12-30-17 to 1-5-18
g/day
6677
6685
6684
6658
6685
6589
6597
Total Hg (B)
Total Hg (A)
12/30/2017
12/31/2017
1/1/2018
1/2/2018
1/3/2018
1/4/2018
1/5/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

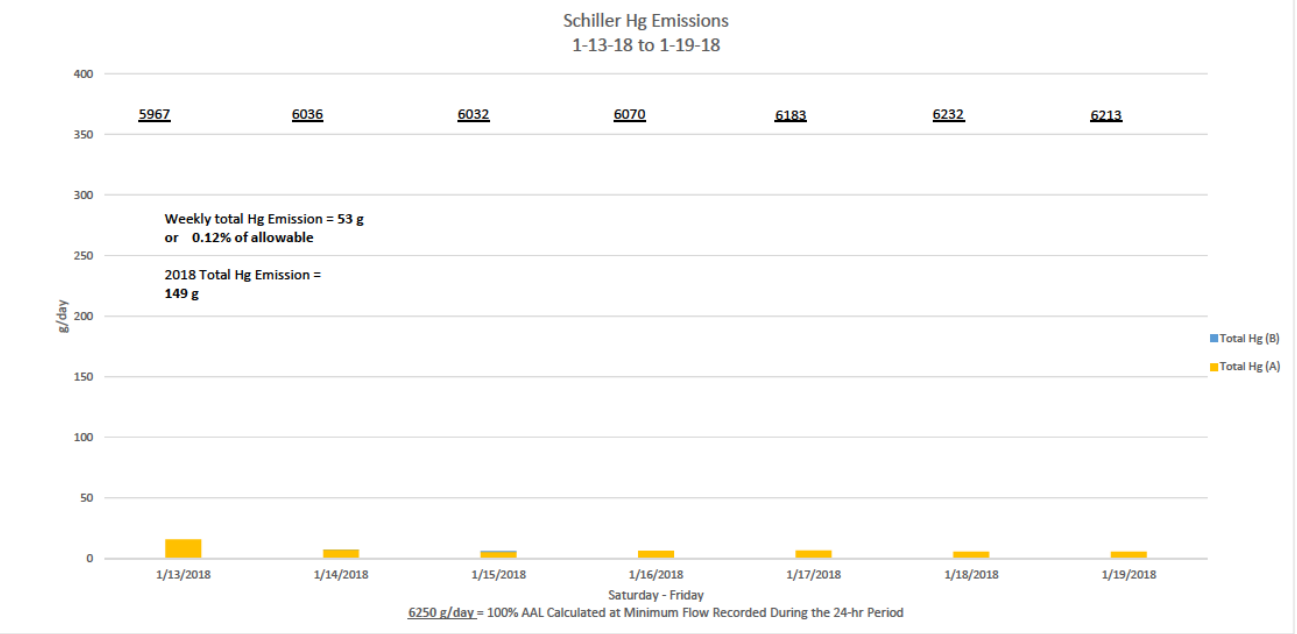

Schiller Hg Emissions
1-6-18 to 1-12-18
Changing small air handler configuration
g/min
ACFM
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

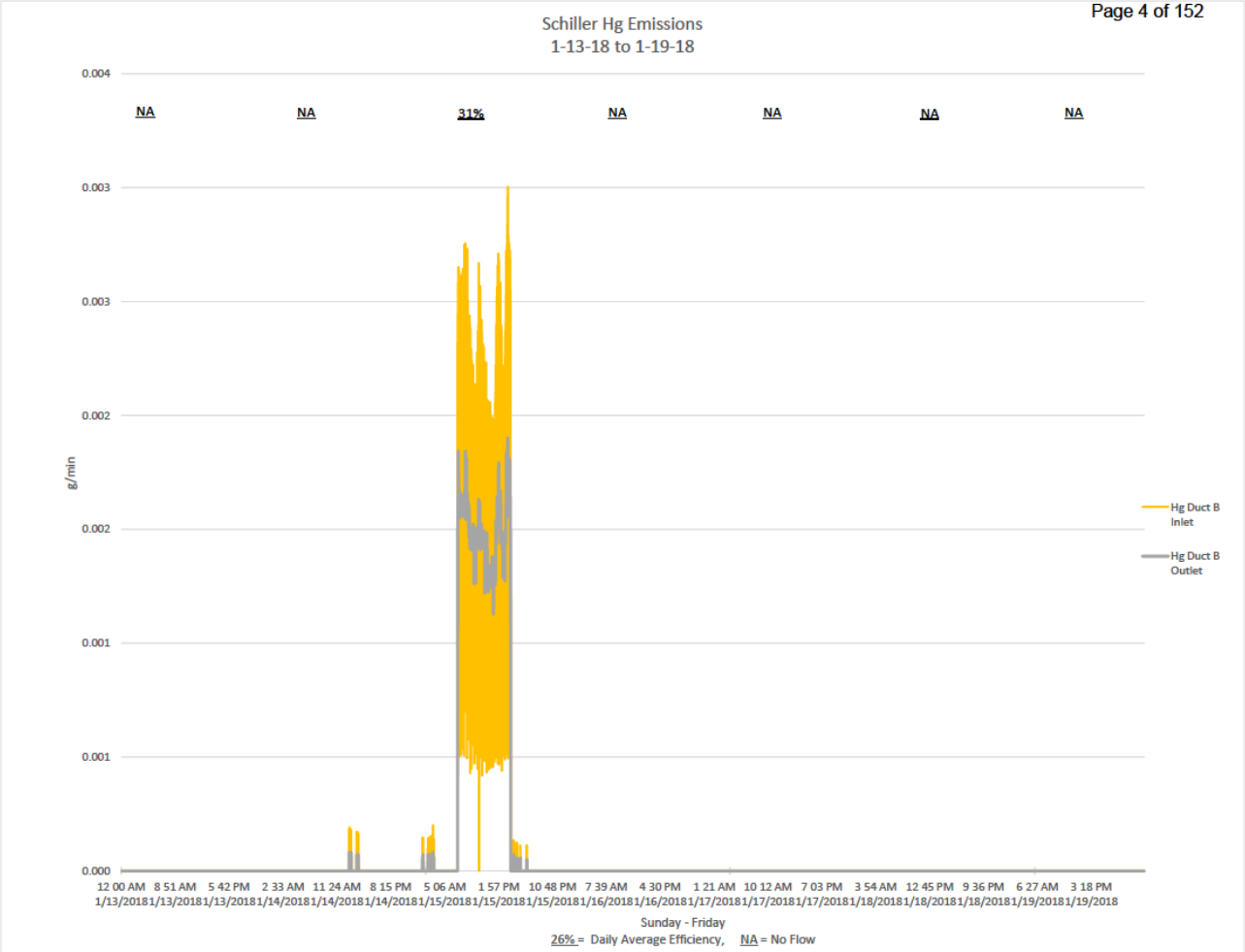

Schiller Hg Emissions
1-6-18 to 1-12-18
6631
6639
6578
6531
6227
6310
6574
Weekly total Hg Emmission = 61 g
2018 Total Hg Emission = 96 g
g/day
Total Hg (B)
Total Hg (A)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period



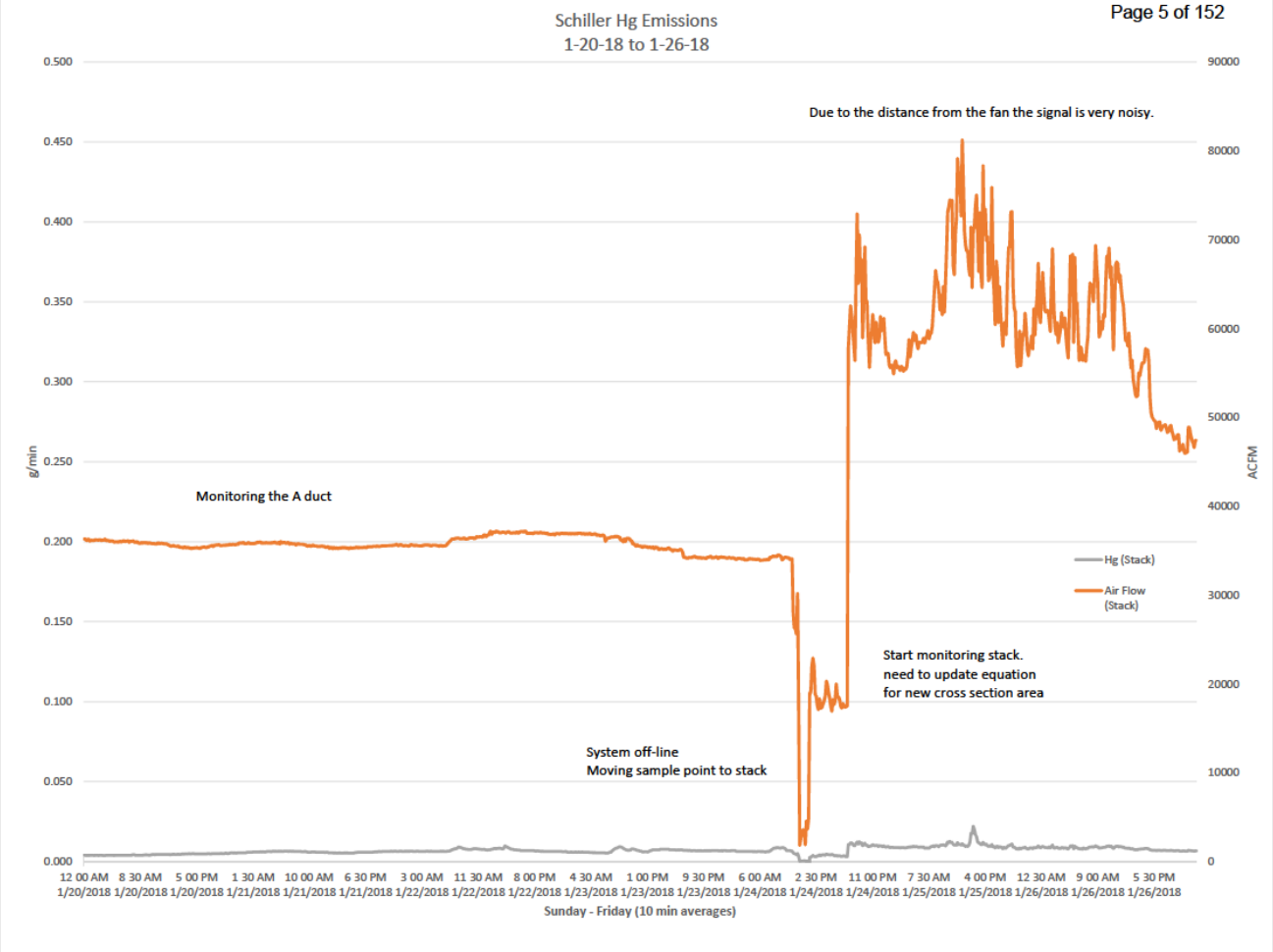
Daily Efficiency = (1 -(Daily Outlet Sum (g/min) / Daily Inlet Sum (g/min))) x 100

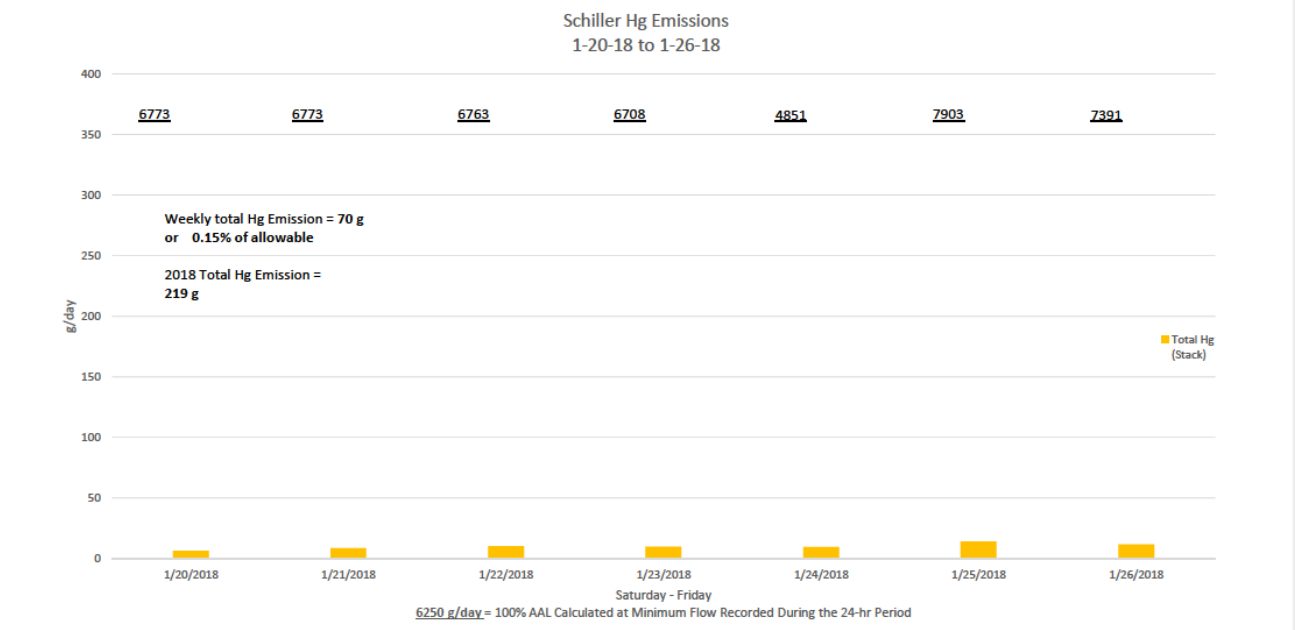

Schiller Hg Emissions
1-13-18 to 1-19-18
g/min
ACFM
Changed HEPA filters on small air handlers
Started and determined not needed
Elevated baseline due to the warm weather (50s F)
Diesel / B Fan was not used. No work in that area of the plant
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
Sunday - Friday

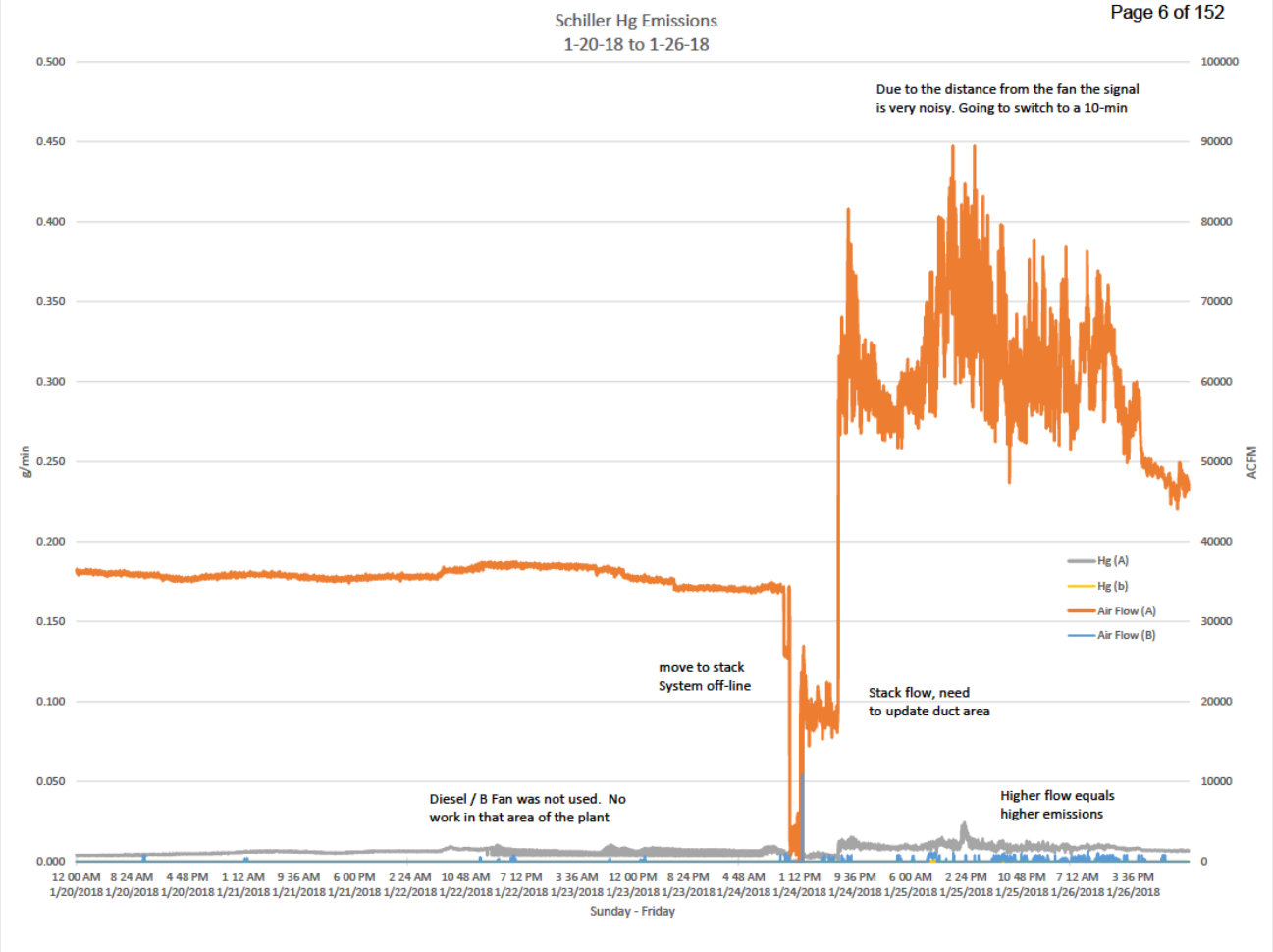

Schiller Hg Emissions
1-13-18 to 1-19-18
5967
6036
6032
6070
6183
6232
6213
Weekly total Hg Emission = 53 g
or 0.12% of allowable
2018 Total Hg Emission =
149 g
g/day
Total Hg (B)
Total Hg (A)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

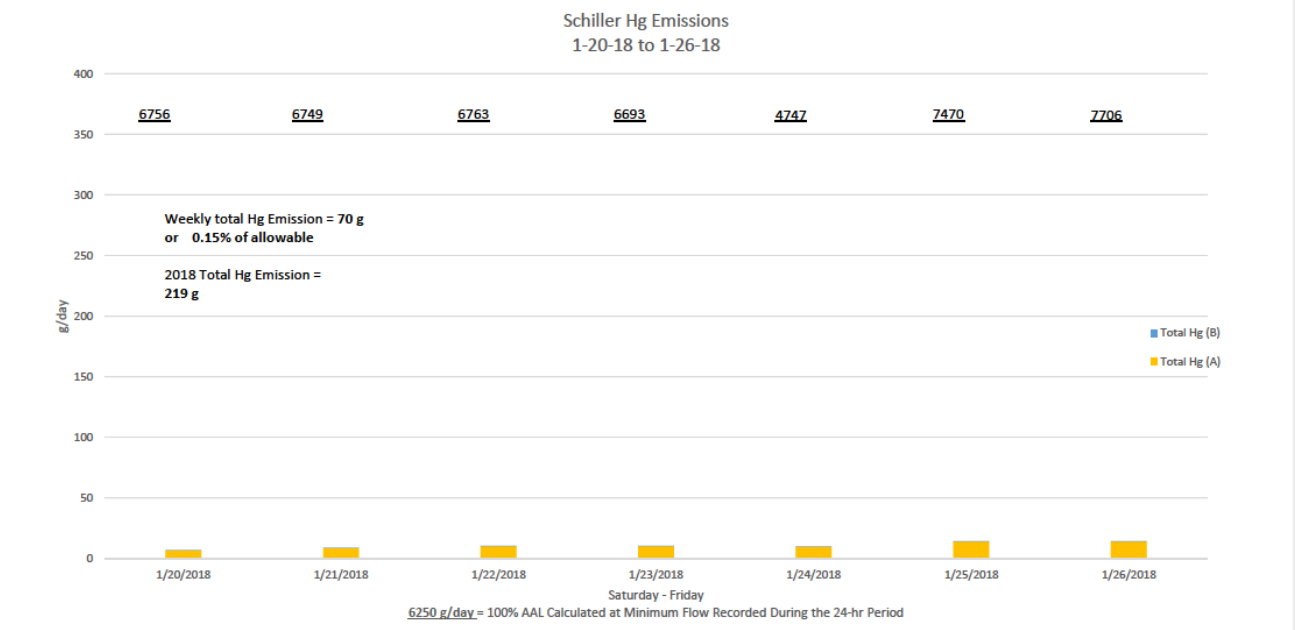


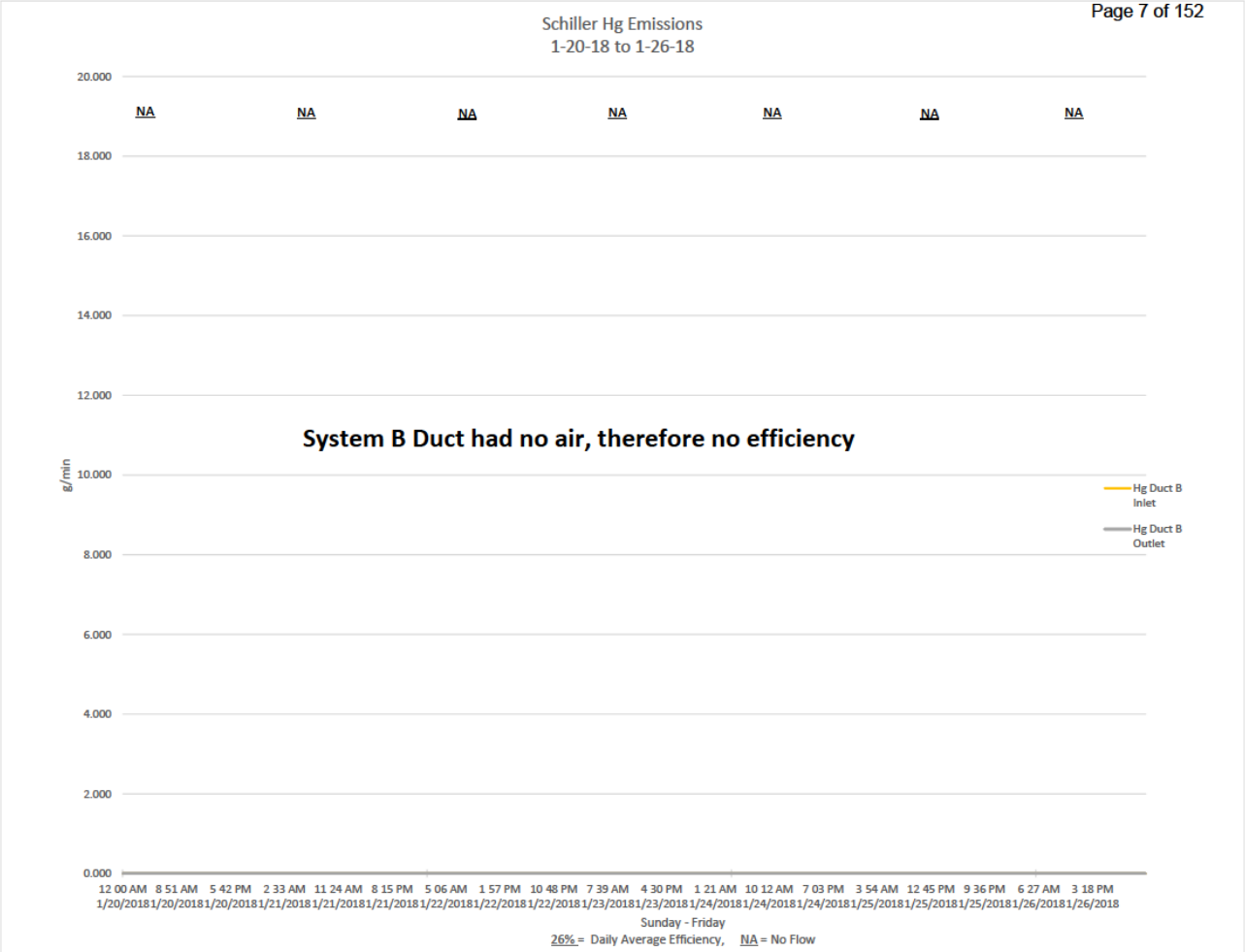
Daily Efficiency = (1 -(Daily Outlet Sum (g/min) / Daily Inlet Sum (g/min))) x 100


Schiller Hg Emissions
1-20-18 to 1-26-18
Due to the distance from the fan the signal is very noisy.
Monitoring the A duct
Start monitoring stack.
need to update equation
for new cross section area
System off-line
Moving sample point to stack
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
0.500
0.450
0.400
0.350
0.300
0.250
0.200
0.150
0.100
0.050
0.000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
12 00 AM 1/20/2018
8 30 AM 1/20/2018
5 00 PM 1/20/2018
1 30 AM 1/21/2018
10 00 AM 1/21/2018
6 30 PM 1/21/2018
3 00 AM 1/22/2018
11 30 AM 1/22/2018
8 00 PM 1/22/2018
4 30 AM 1/23/2018
1 00 PM 1/23/2018
9 30 PM 1/23/2018
6 00 AM 1/24/2018
2 30 PM 1/24/2018
11 00 PM 1/24/2018
7 30 AM 1/25/2018
4 00 PM 1/25/2018
12 30 AM 1/26/2018
9 00 AM 1/26/2018
5 30 PM 1/26/2018
Sunday - Friday (10 min averages)

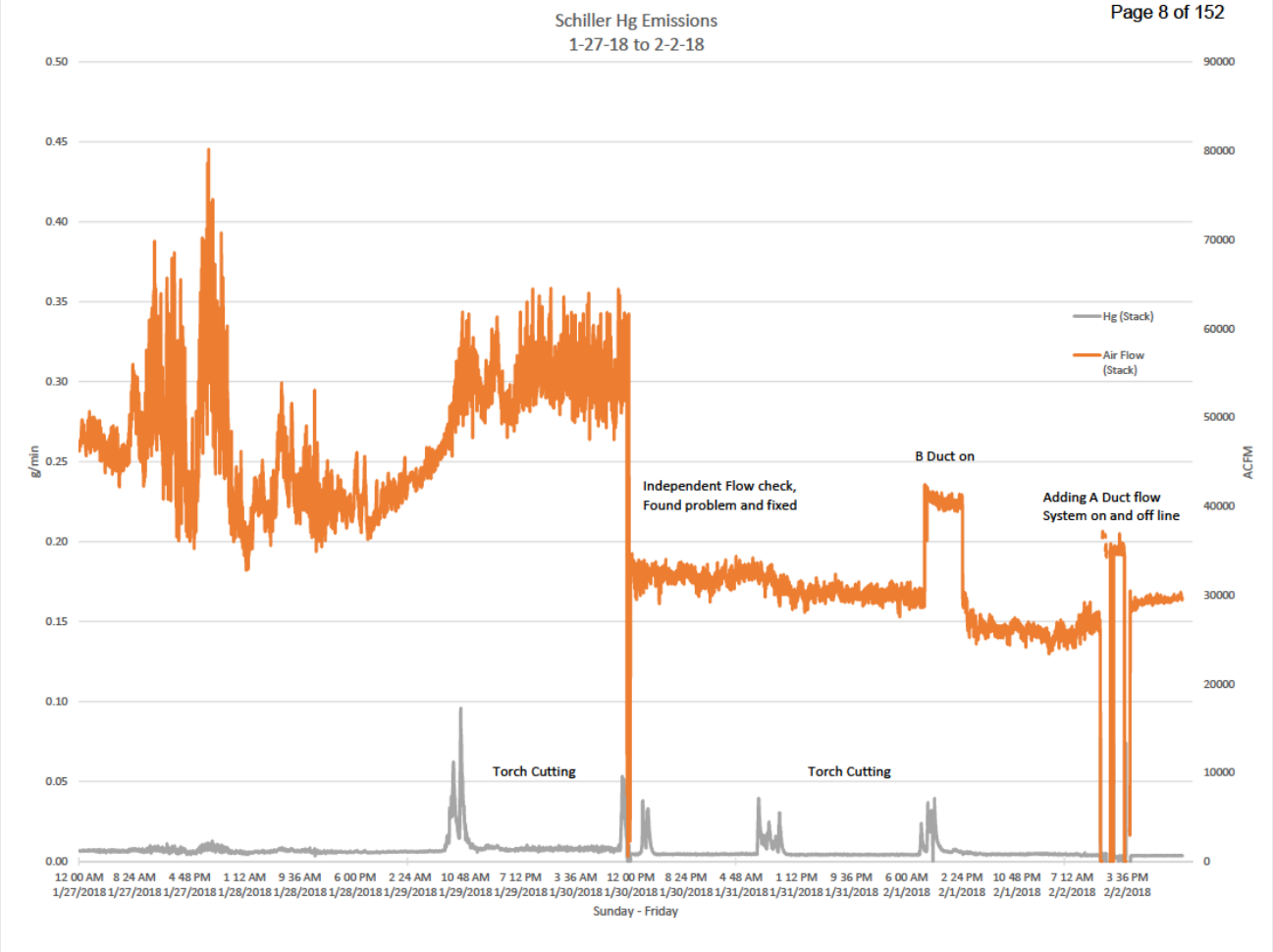

Schiller Hg Emissions
1-20-18 to 1-26-18
6773
6773
6763
6708
4851
7903
7391
Weekly total Hg Emission = 70 g
or 0.15% of allowable
2018 Total Hg Emission =
219 g
g/day
Total Hg (Stack)
400
350
300
250
200
150
100
50
0
1/20/2018
1/21/2018
1/22/2018
1/23/2018
1/24/2018
1/25/2018
1/26/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

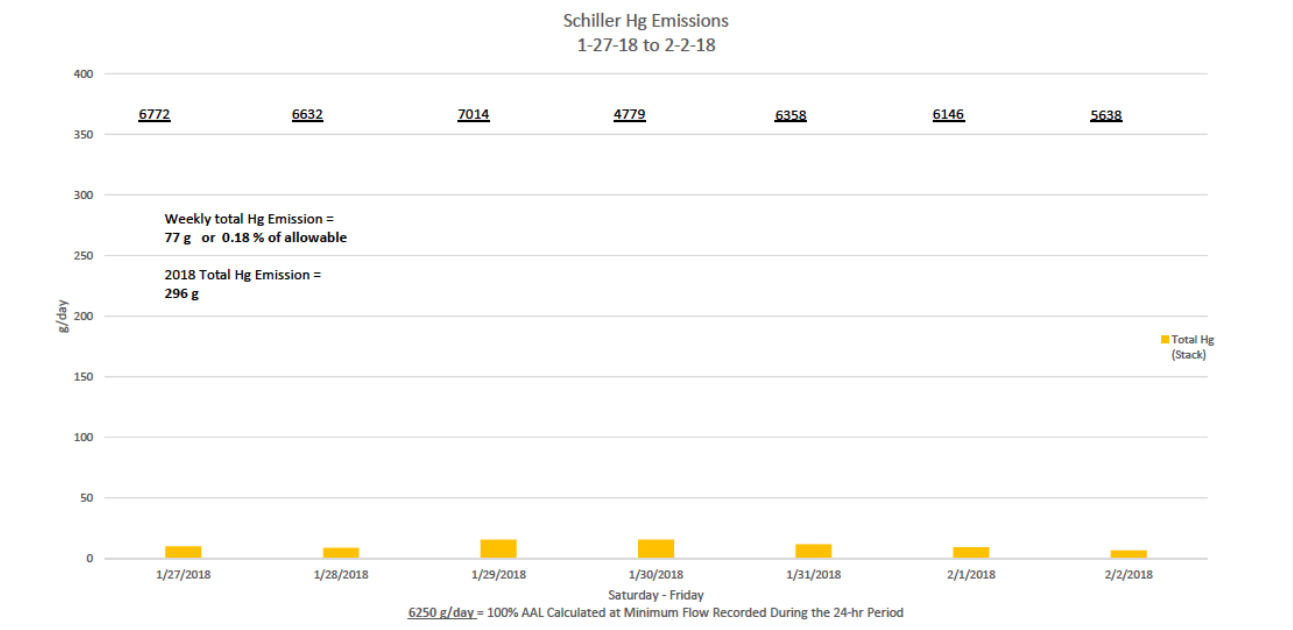

Schiller Hg Emissions
1-20-18 to 1-26-18
Due to the distance from the fan the signal is very noisy. Going to switch to a 10-min
move to stack System off-line
Stack flow, need to update duct area
Diesel / B Fan was not used. No work in that area of the plant
Higher flow equals higher emissions
Hg (A)
Hg (b)
Air Flow (A)
Air Flow (B)
g/min
ACFM
Sunday - Friday

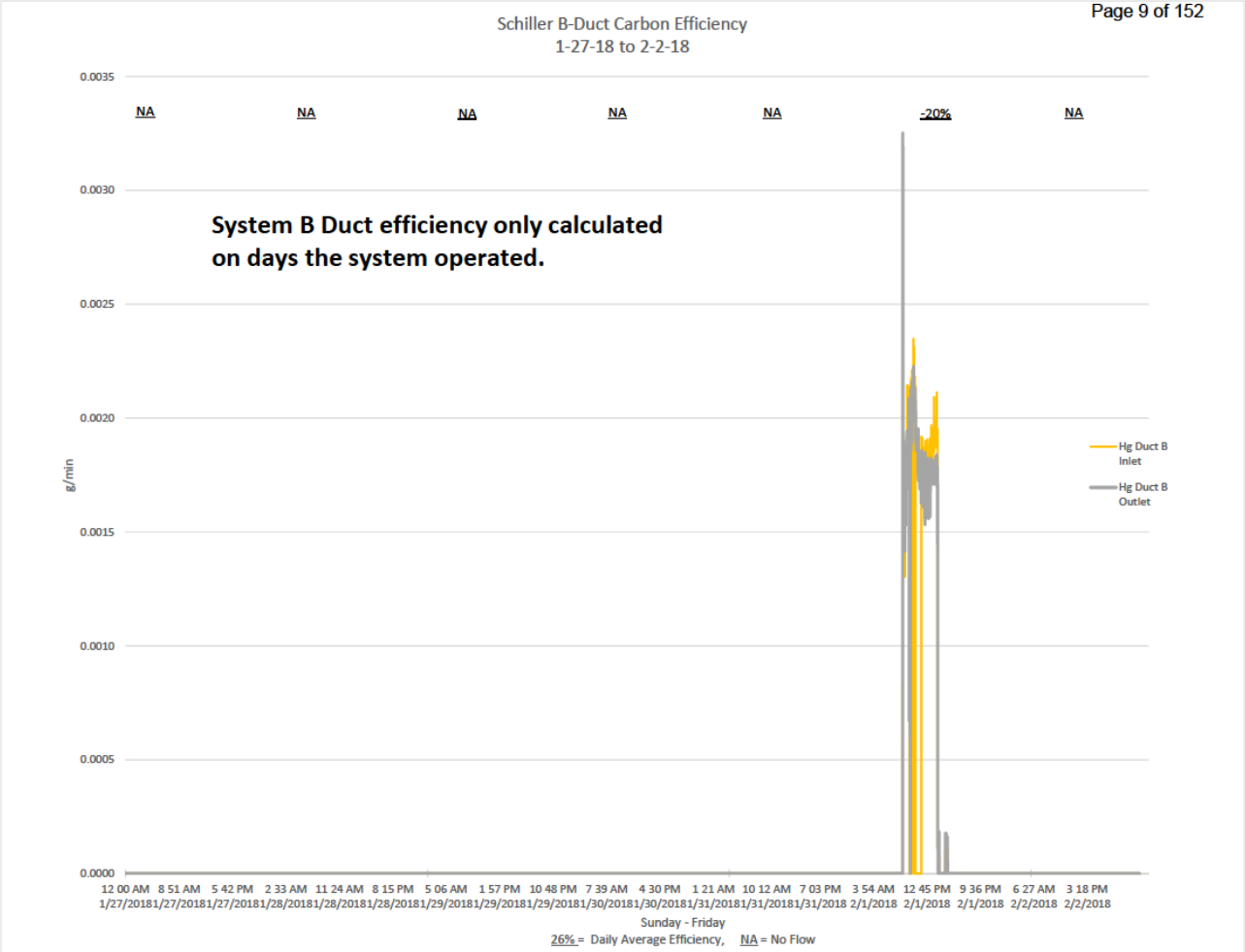

Schiller Hg Emissions
1-20-18 to 1-26-18
6756
6749
6763
6693
4747
7470
7706
Weekly total Hg Emission = 70 g
or 0.15% of allowable
2018 Total Hg Emission =
219 g
g/day
Total Hg (B)
Total Hg (A)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period



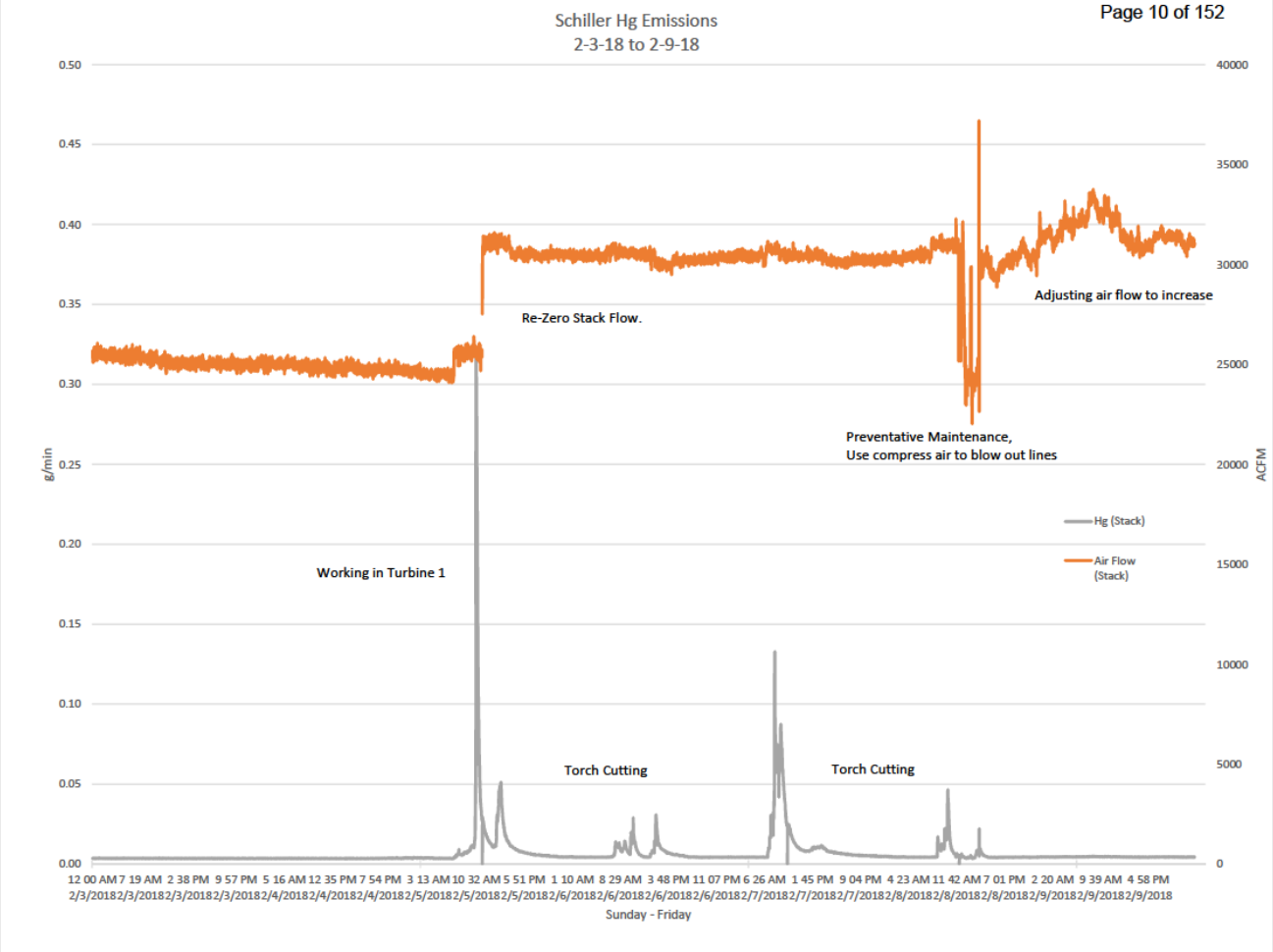
Daily Efficiency = (1 -(Daily Outlet Sum (g/min) / Daily Inlet Sum (g/min))) x 100

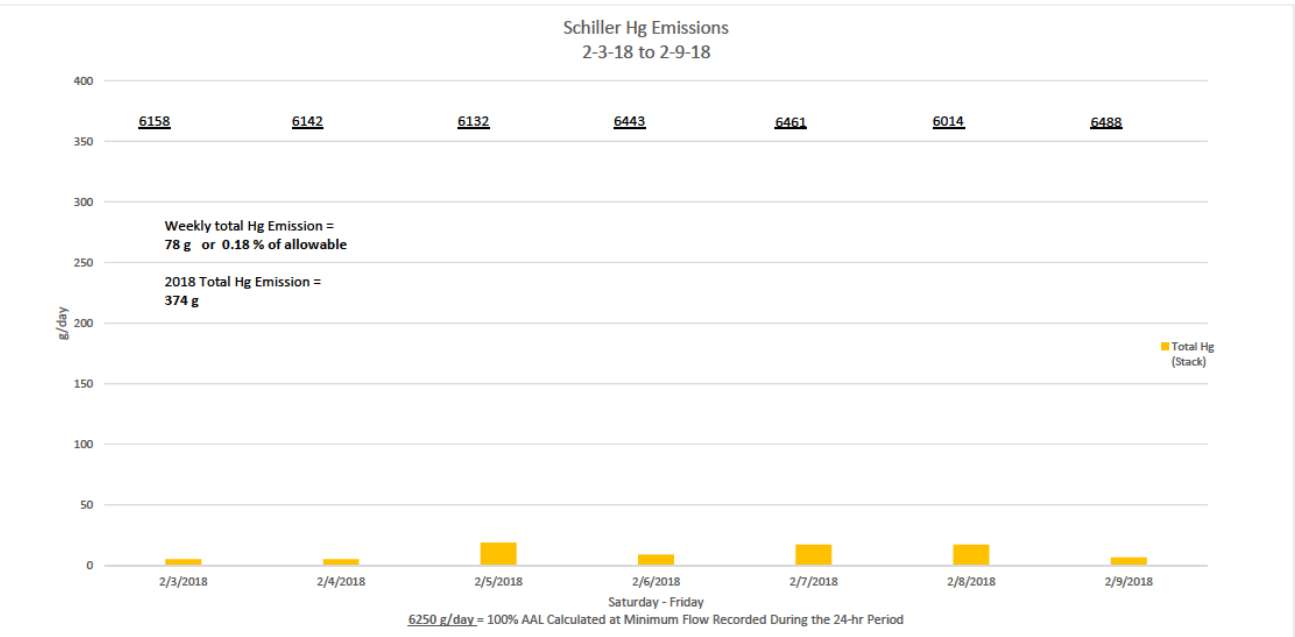

Schiller Hg Emissions
1-27-18 to 2-2-18
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Independent Flow check, Found problem and fixed
B Duct on
Adding A Duct flow System on and off line
Torch Cutting
Torch Cutting
Sunday - Friday

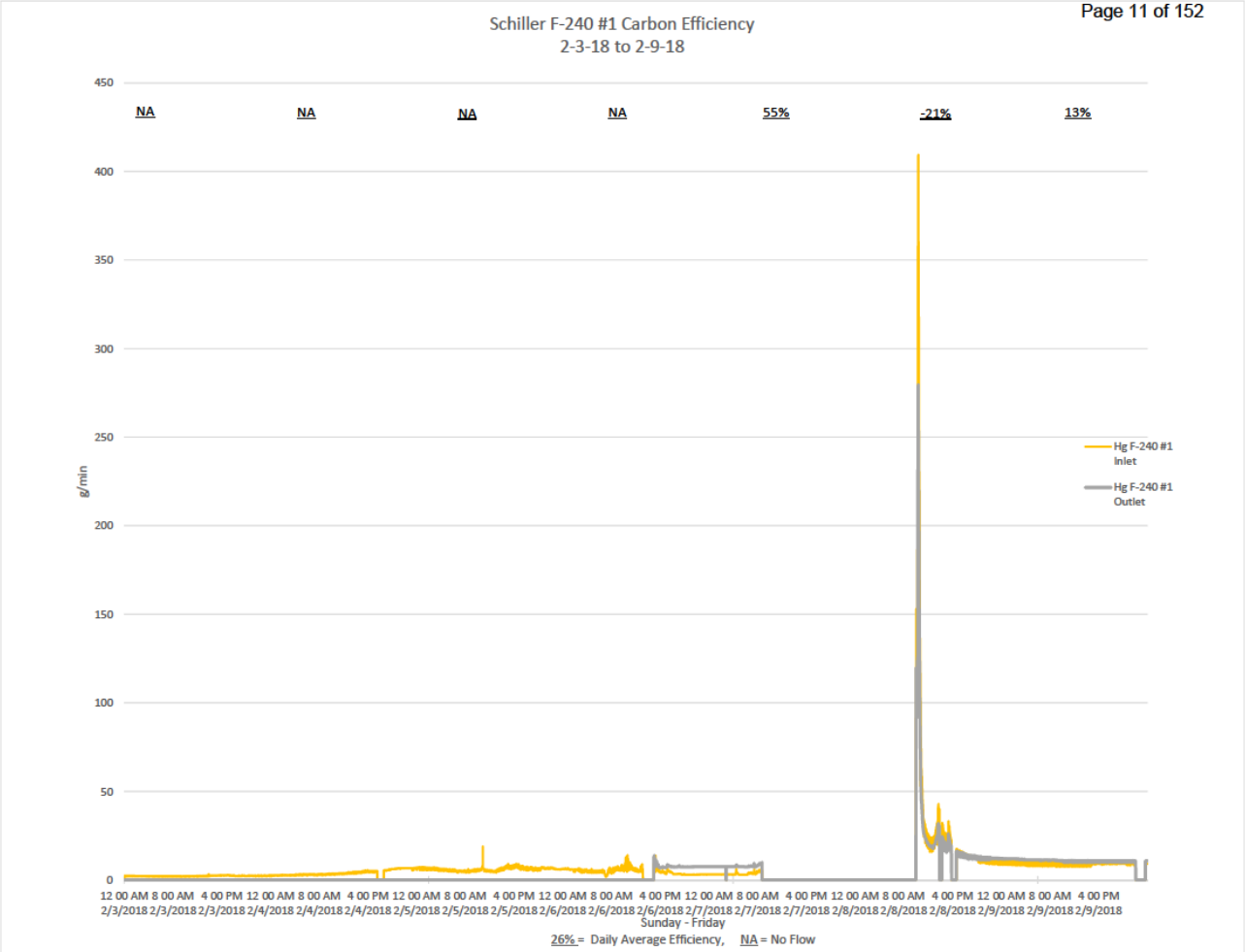

Schiller Hg Emissions
1-27-18 to 2-2-18
6772
6632
7014
4779
6358
6146
5638
Weekly total Hg Emission =
77 g or 0.18 % of allowable
2018 Total Hg Emission =
296 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period



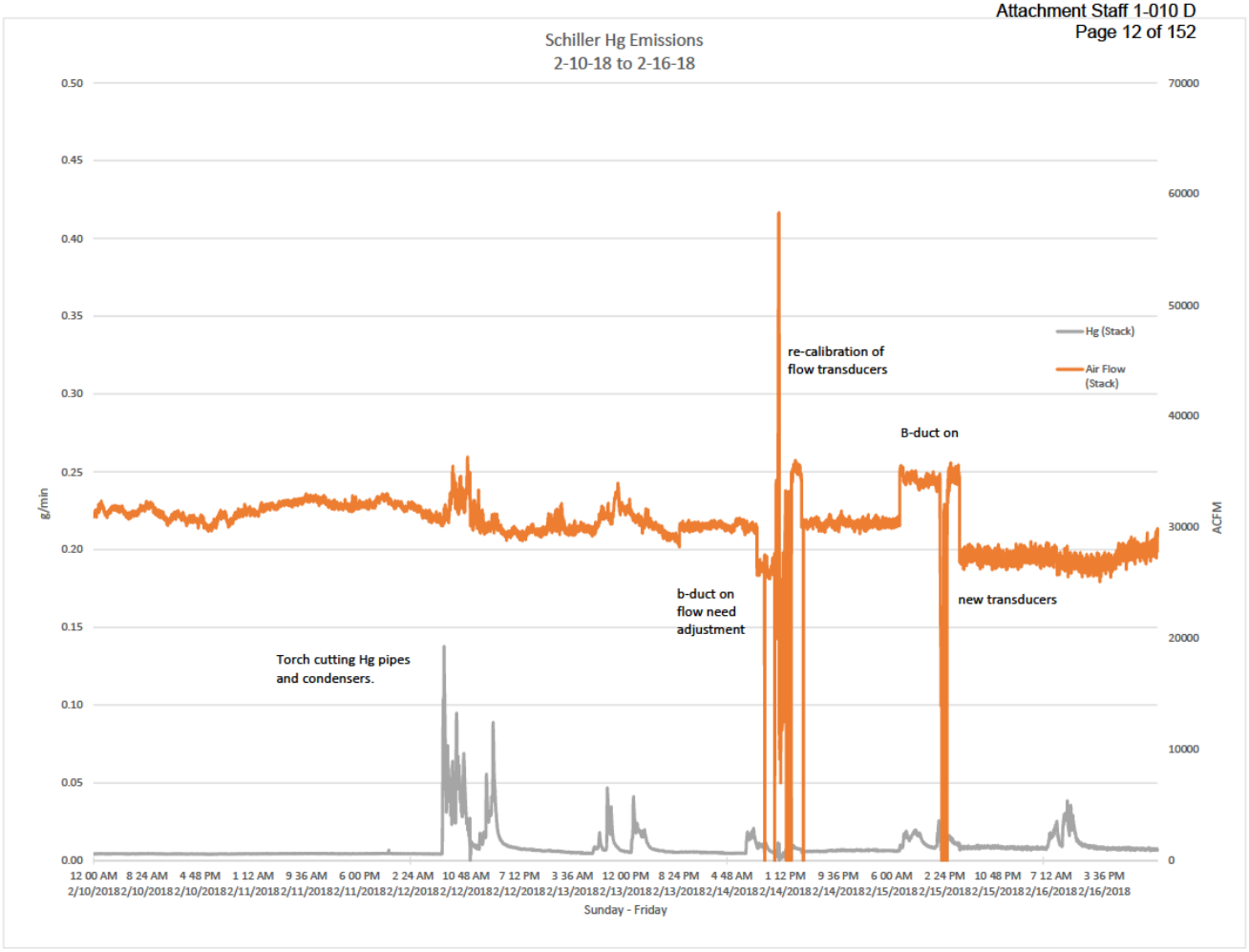
Daily Efficiency = (1 -(Daily Outlet Sum (g/min) / Daily Inlet Sum (g/min))) x 100

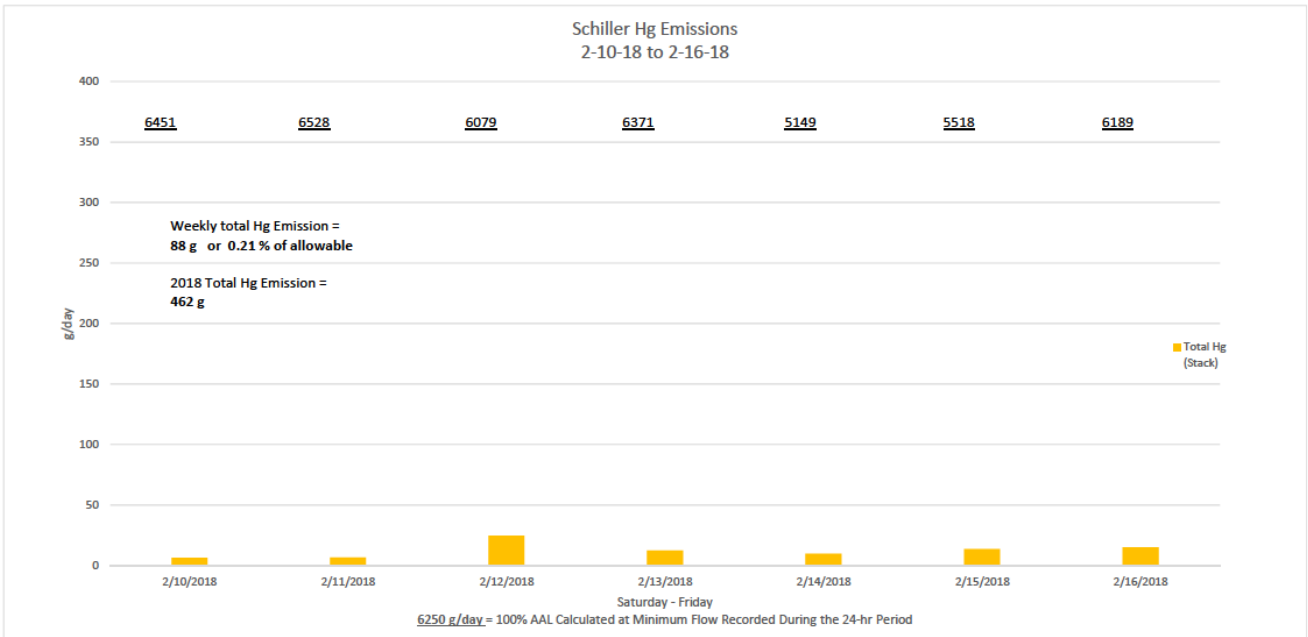

Schiller Hg Emissions
2-3-18 to 2-9-18
g/min
ACFM
Re-Zero Stack Flow.
Adjusting air flow to increase
Preventative Maintenance,
Use compress air to blow out lines
Working in Turbine 1
Torch Cutting
Torch Cutting
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

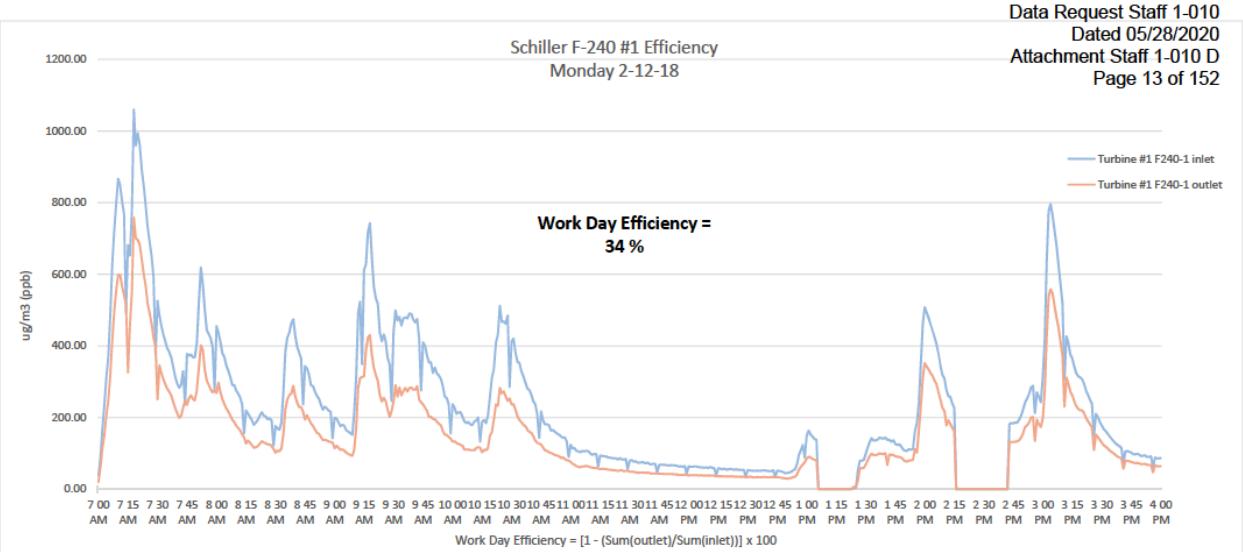

Schiller Hg Emissions
2-3-18 to 2-9-18
6158
6142
6132
6443
6461
6014
6488
Weekly total Hg Emission =
78 g or 0.18 % of allowable
2018 Total Hg Emission =
374 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

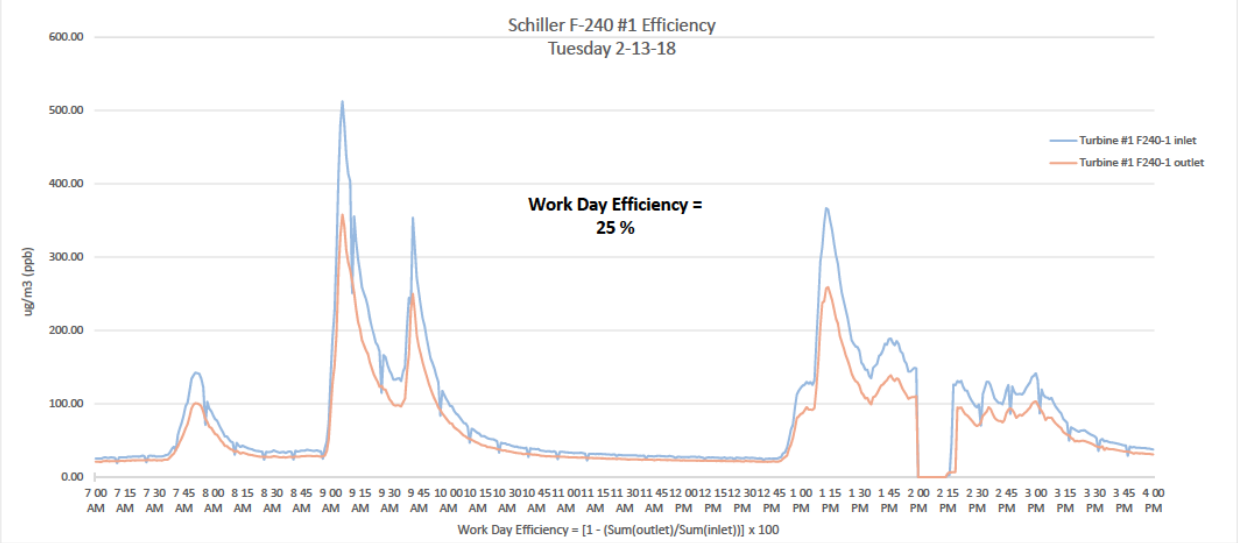


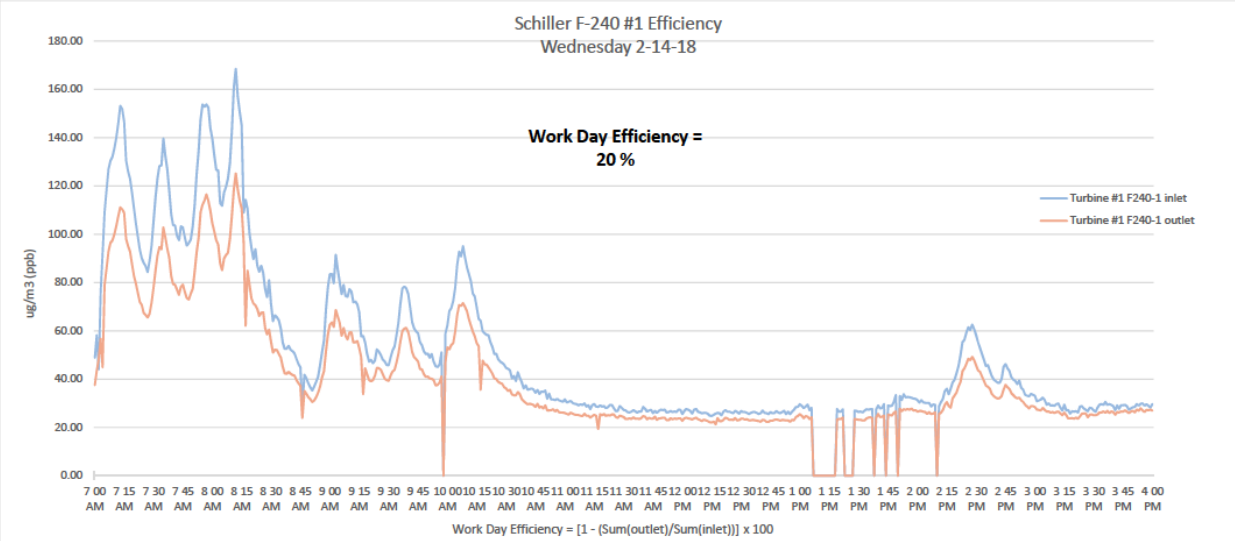
Daily Efficiency = (1 -(Daily Outlet Sum (g/min) / Daily Inlet Sum (g/min))) x 100

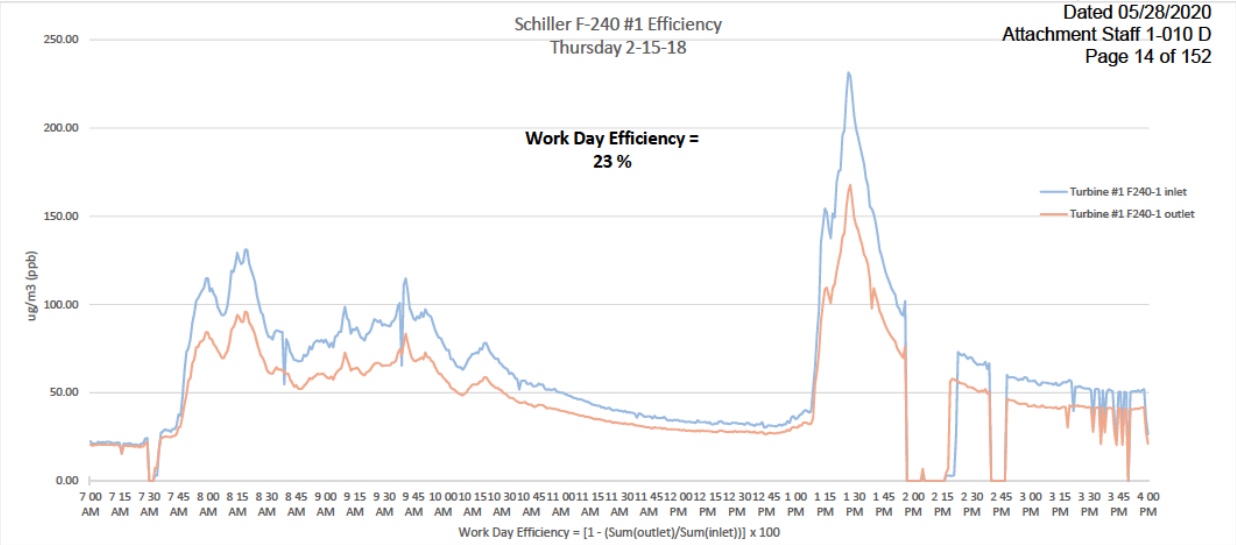

Schiller Hg Emissions
2-10-18 to 2-16-18
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
re-calibration of flow transducers
B-duct on
b-duct on flow need adjustment
new transducers
Torch cutting Hg pipes and condensers.
Sunday - Friday

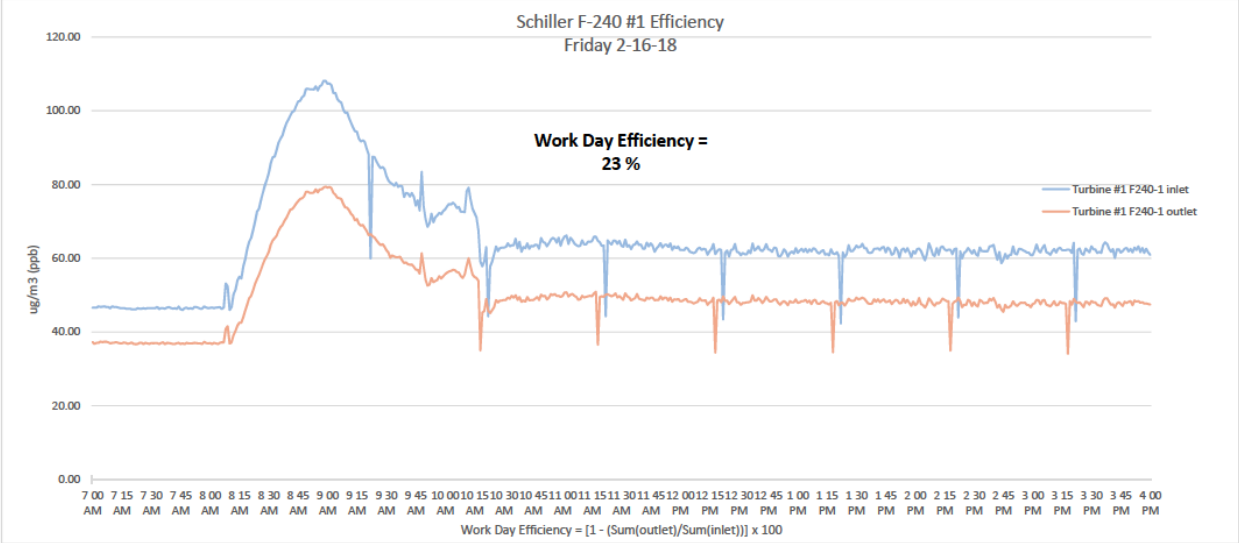

Schiller Hg Emissions
2-10-18 to 2-16-18
6451
6528
6079
6371
5149
5518
6189
Weekly total Hg Emission =
88 g or 0.21 % of allowable
2018 Total Hg Emission =
462 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

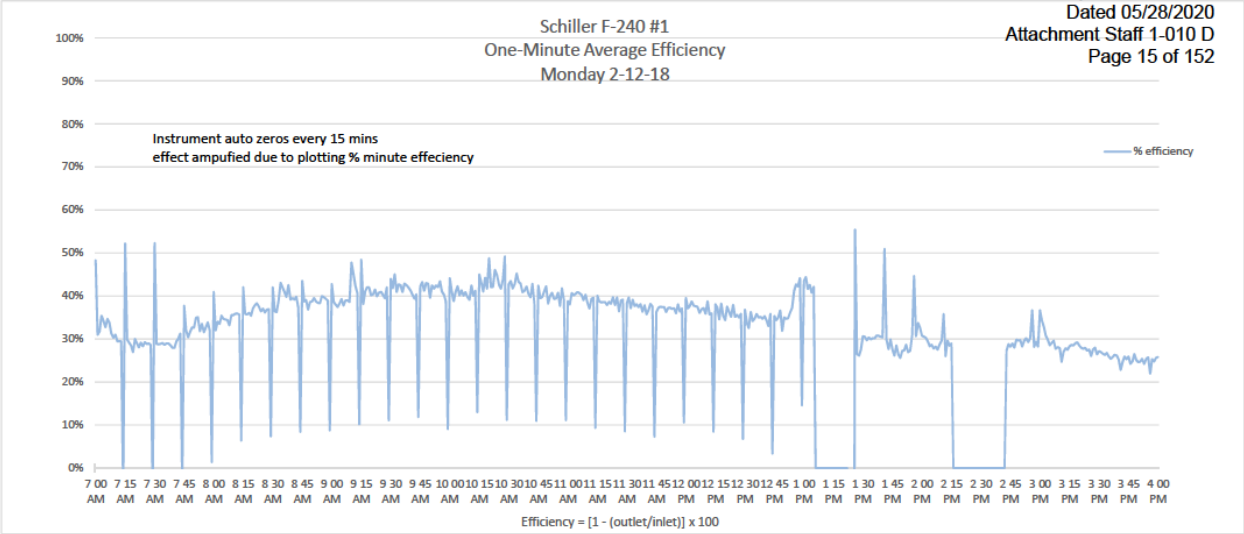

Schiller F-240 #1 Efficiency
Monday 2-12-18
Work Day Efficiency =
34 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

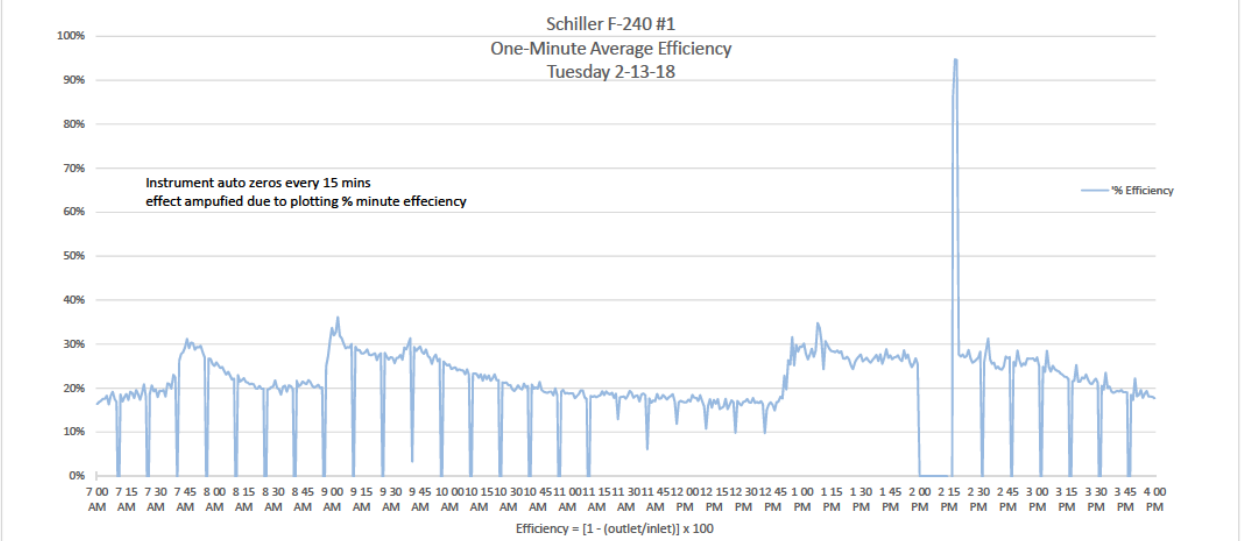

Schiller F-240 #1 Efficiency
Tuesday 2-13-18
Work Day Efficiency =
25 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

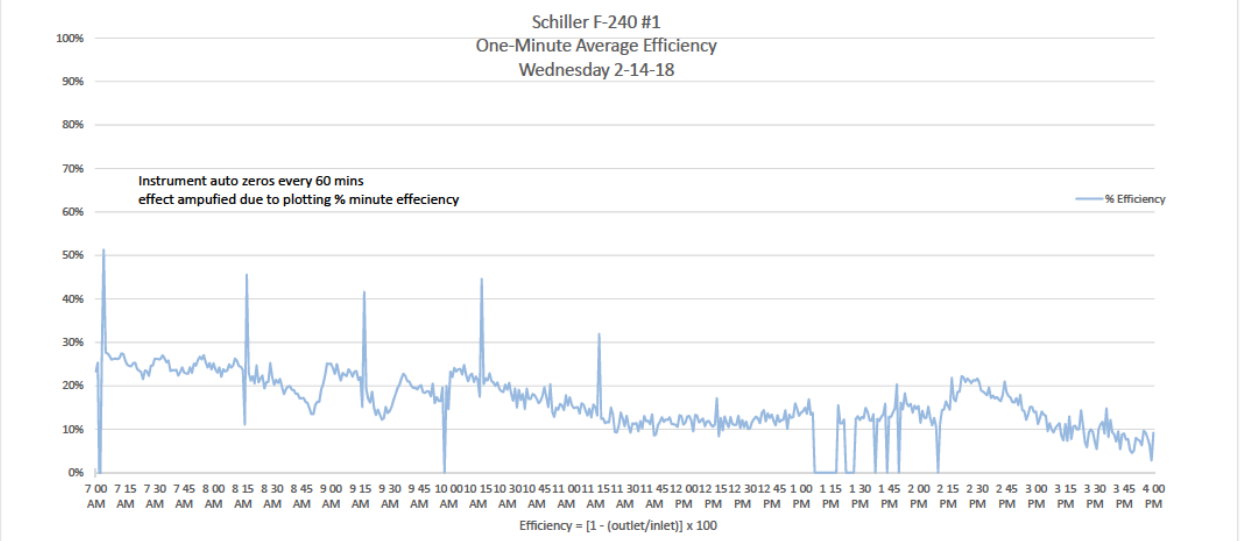

Schiller F-240 #1 Efficiency
Wednesday 2-14-18
Work Day Efficiency =
20 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

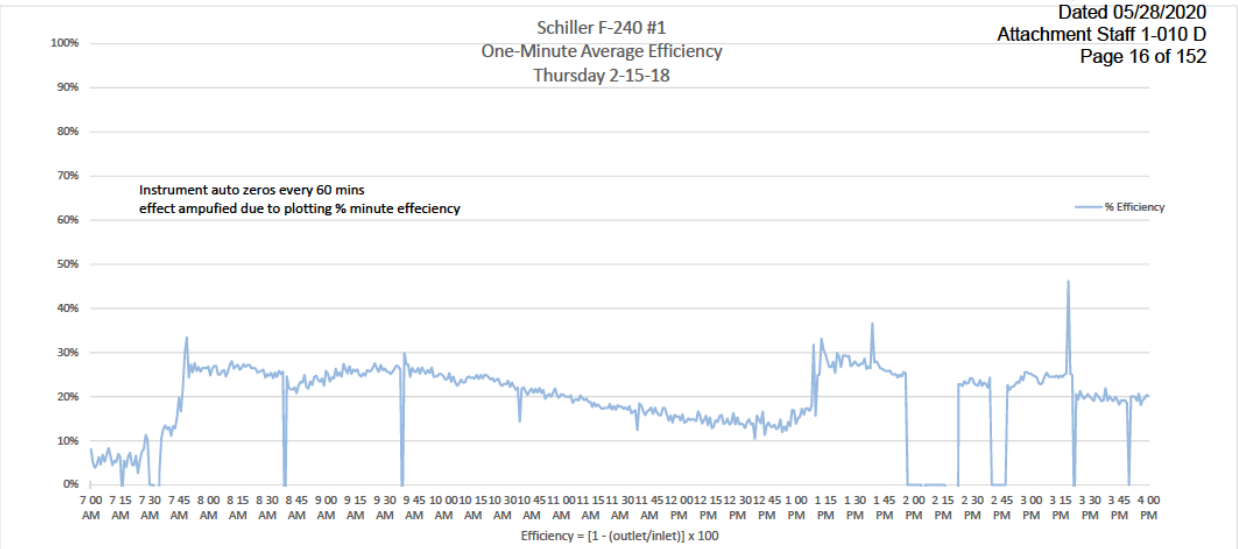

Schiller F-240 #1 Efficiency
Thursday 2-15-18
Work Day Efficiency =
23 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
250.00
200.00
150.00
100.00
50.00
0.00
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

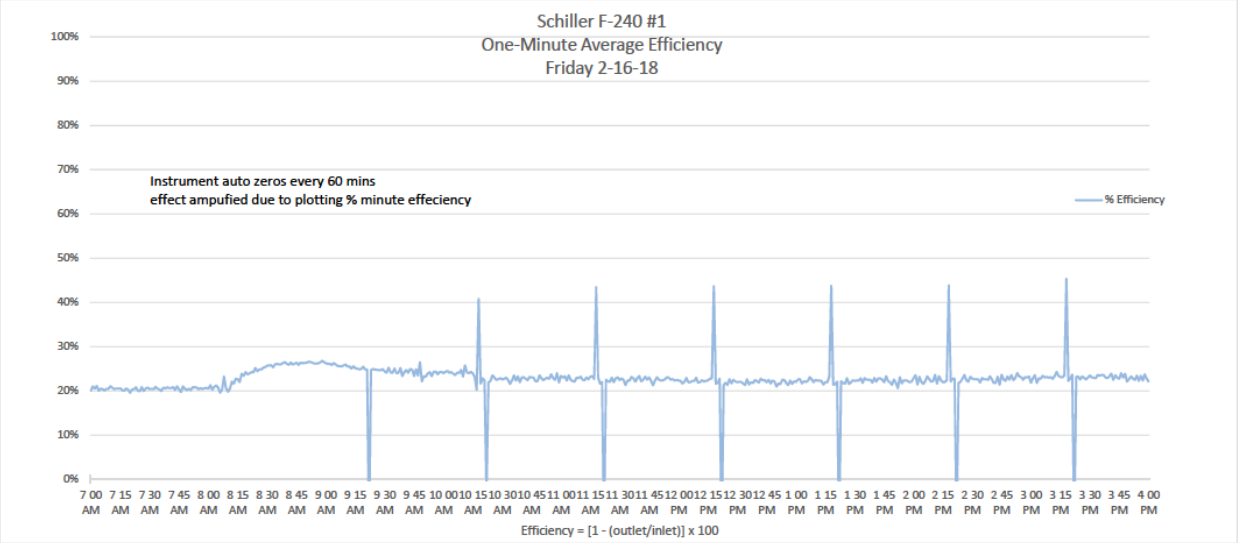

Schiller F-240 #1 Efficiency
Friday 2-16-18
Work Day Efficiency =
23 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

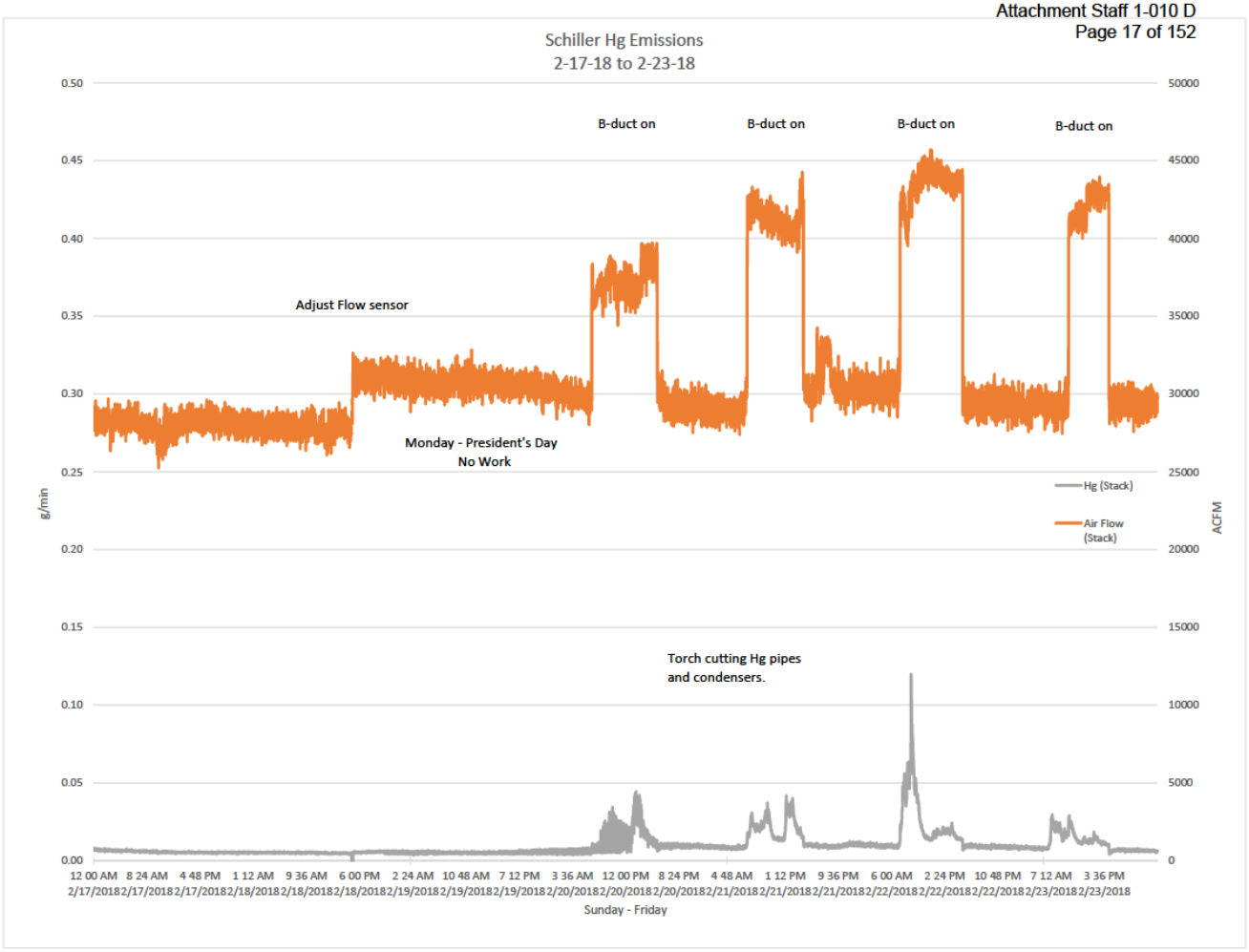

Schiller F-240 #1
One-Minute Average Efficiency
Monday 2-12-18
Instrument auto zeros every 15 mins
effect ampufied due to plotting % minute effeciency
% efficiency
Efficiency = [1 - (outlet/inlet)] x 100

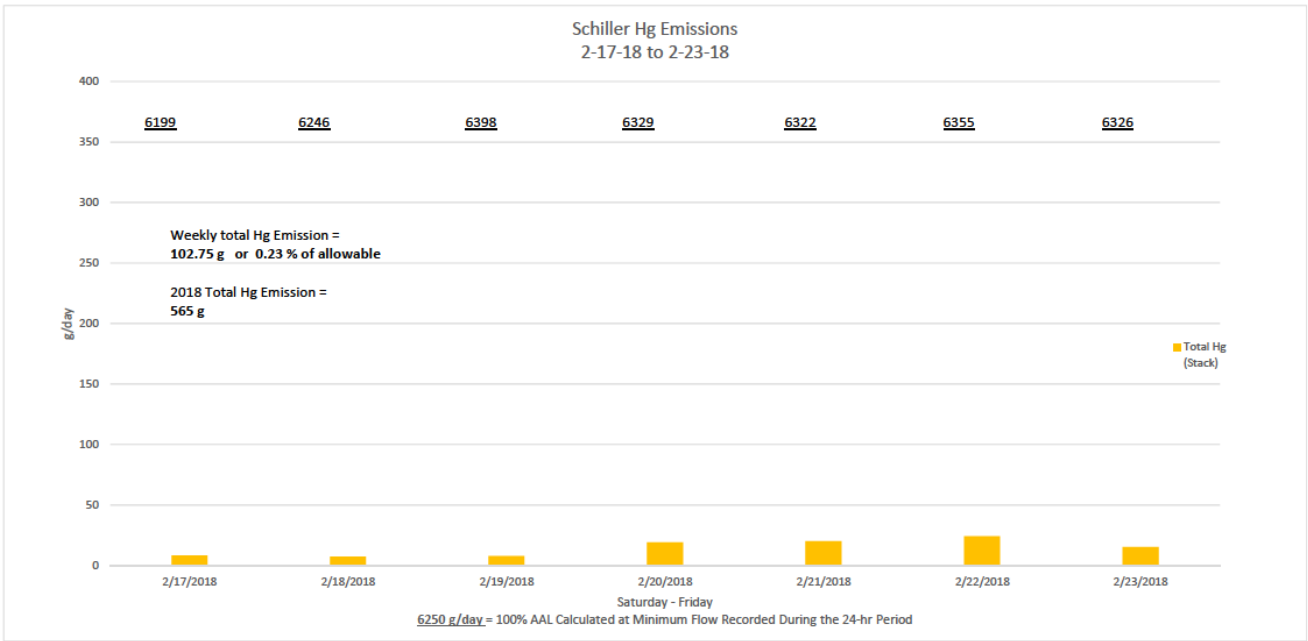

Schiller F-240 #1
One-Minute Average Efficiency
Tuesday 2-13-18
Instrument auto zeros every 15 mins
effect ampufied due to plotting % minute effeciency
% Efficiency
Efficiency = [1 - (outlet/inlet)] x 100

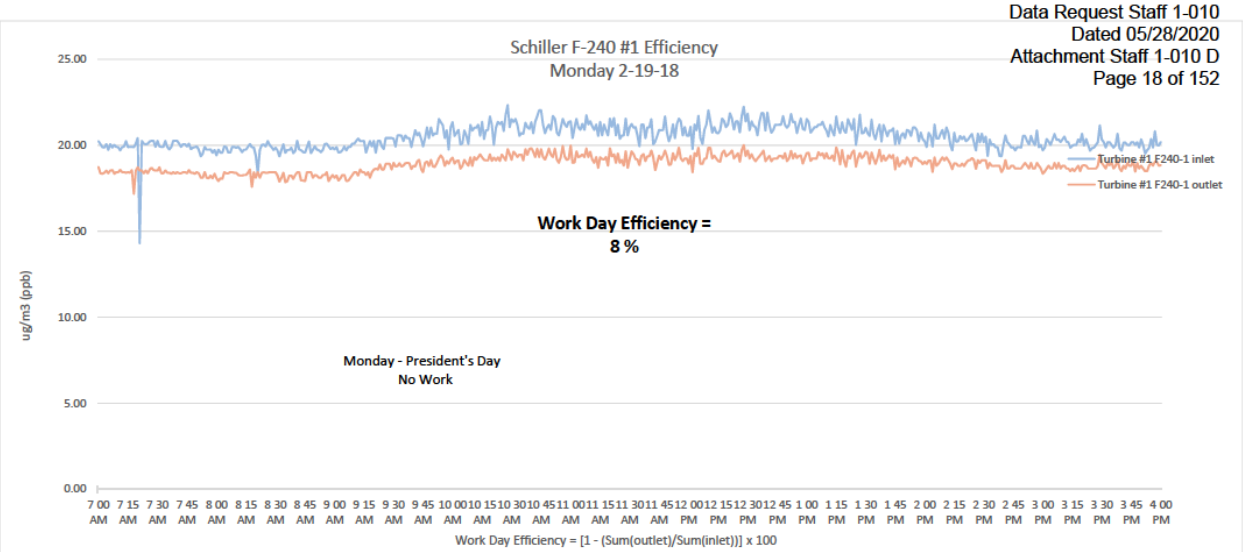

Schiller F-240 #1
One-Minute Average Efficiency
Wednesday 2-14-18
Instrument auto zeros every 60 mins
effect ampufied due to plotting % minute effeciency
% Efficiency
Efficiency = [1 - (outlet/inlet)] x 100

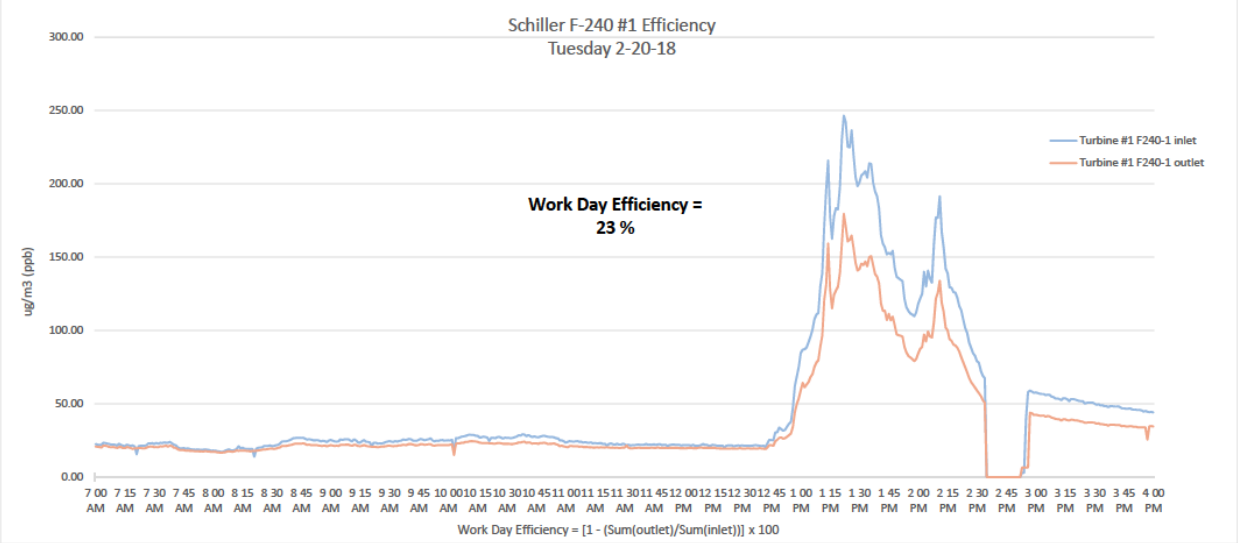

Schiller F-240 #1
One-Minute Average Efficiency
Thursday 2-15-18
Instrument auto zeros every 60 mins
effect ampufied due to plotting % minute effeciency
% Efficiency
Efficiency = [1 - (outlet/inlet)] x 100

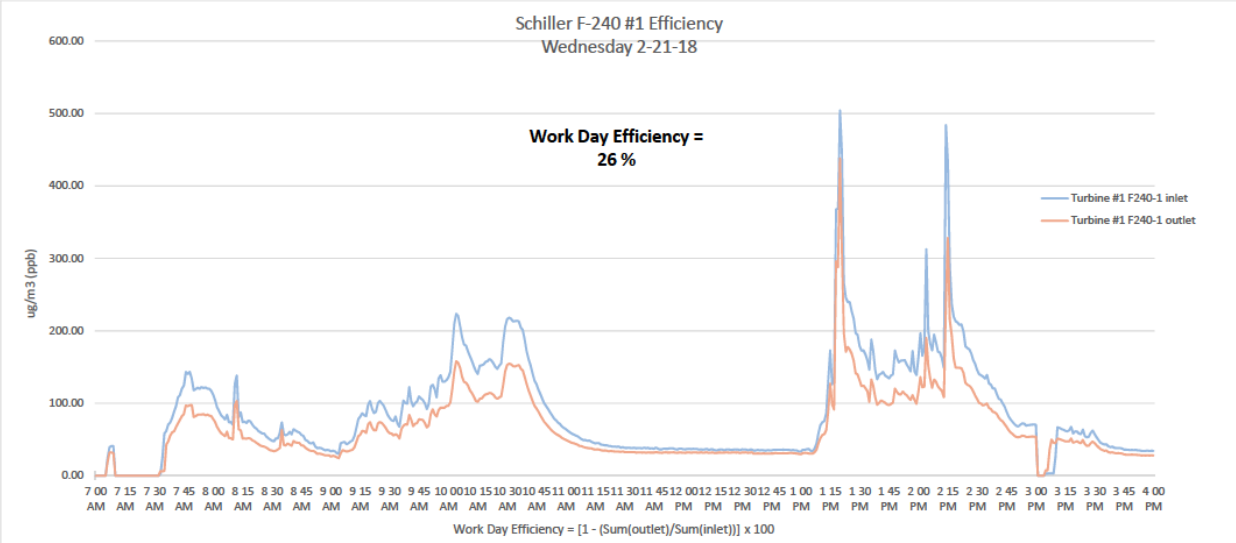

Schiller F-240 #1
One-Minute Average Efficiency
Friday 2-16-18
Instrument auto zeros every 60 mins
effect ampufied due to plotting % minute effeciency
% Efficiency
Efficiency = [1 - (outlet/inlet)] x 100

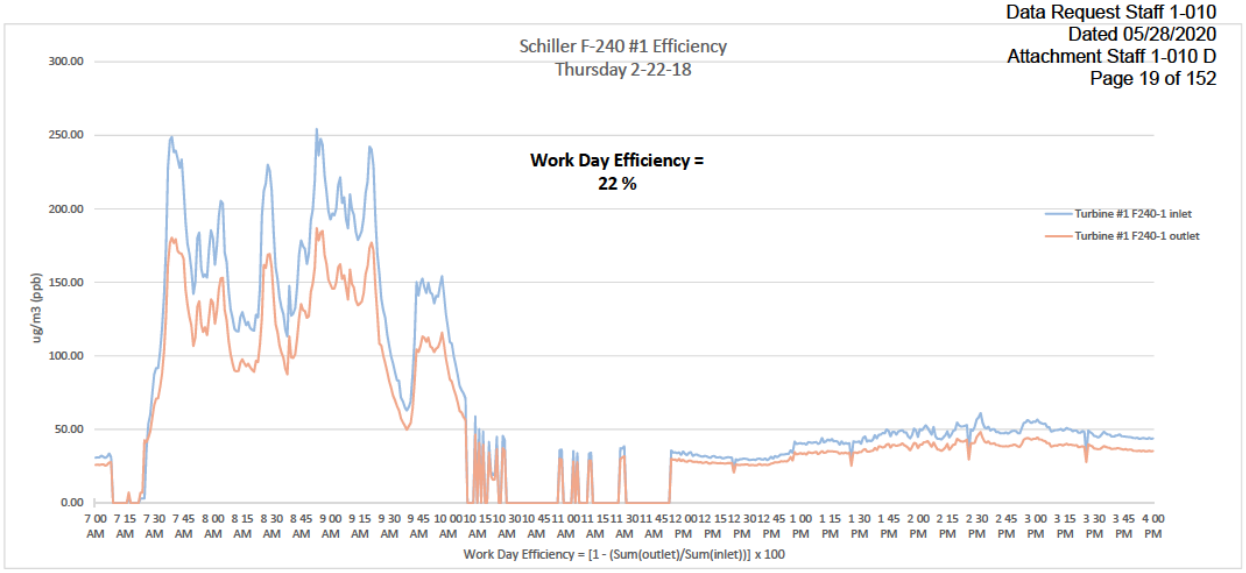

Schiller Hg Emissions
2-17-18 to 2-23-18
B-duct on
B-duct on
B-duct on
B-duct on
Adjust Flow sensor
Monday - President's Day
No Work
Torch cutting Hg pipes
and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

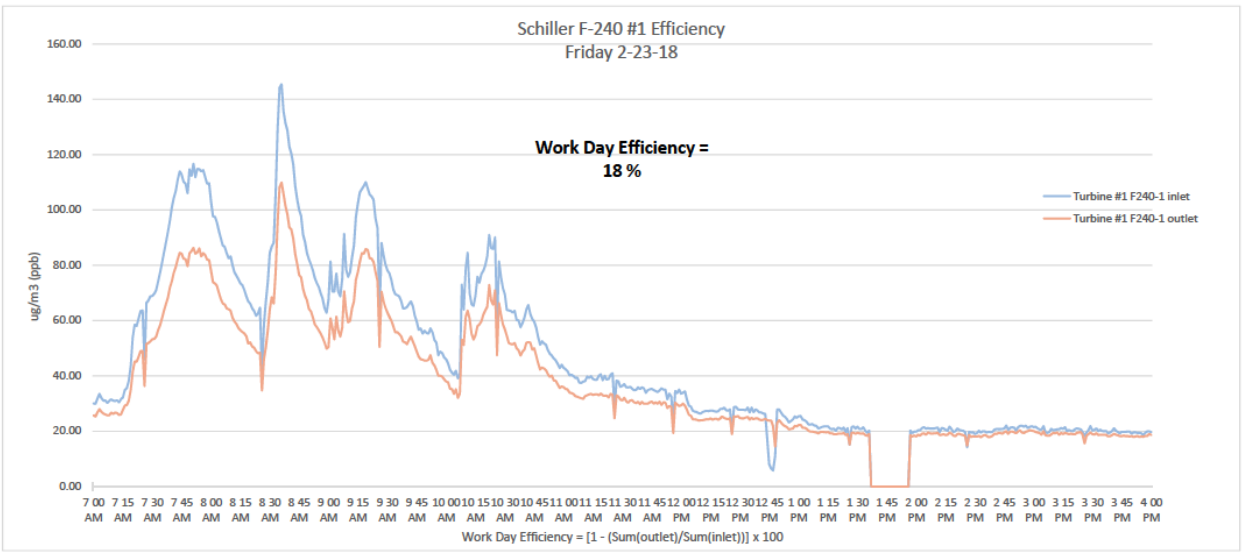

Schiller Hg Emissions
2-17-18 to 2-23-18
6199
6246
6398
6329
6322
6355
6326
Weekly total Hg Emission =
102.75 g or 0.23 % of allowable
2018 Total Hg Emission =
565 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

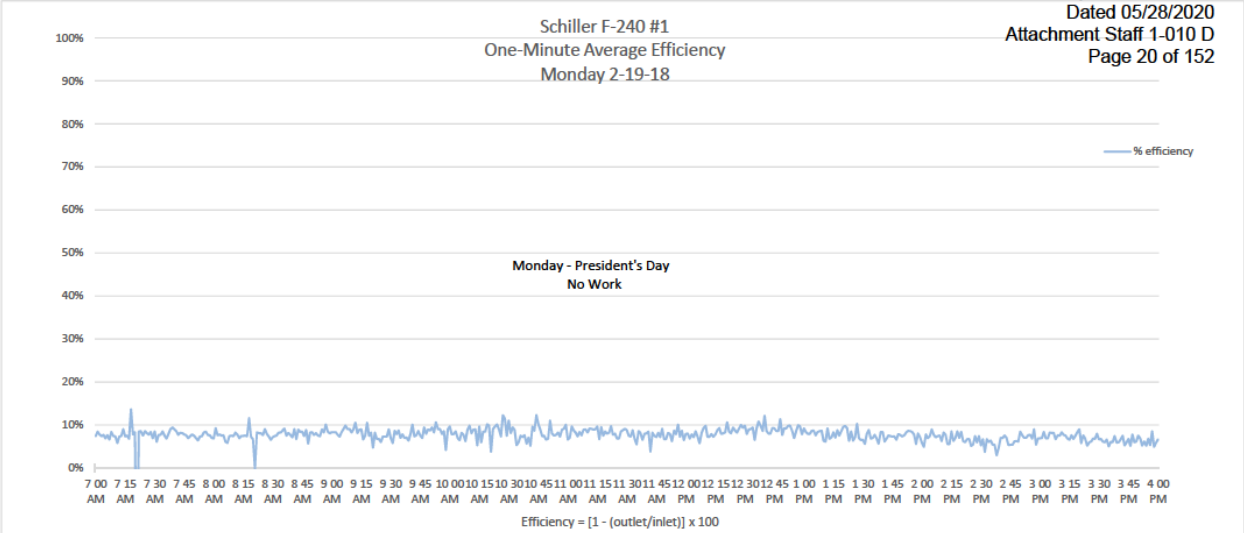

Schiller F-240 #1 Efficiency
Monday 2-19-18
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency =
8 %
Monday - President's Day
No Work
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

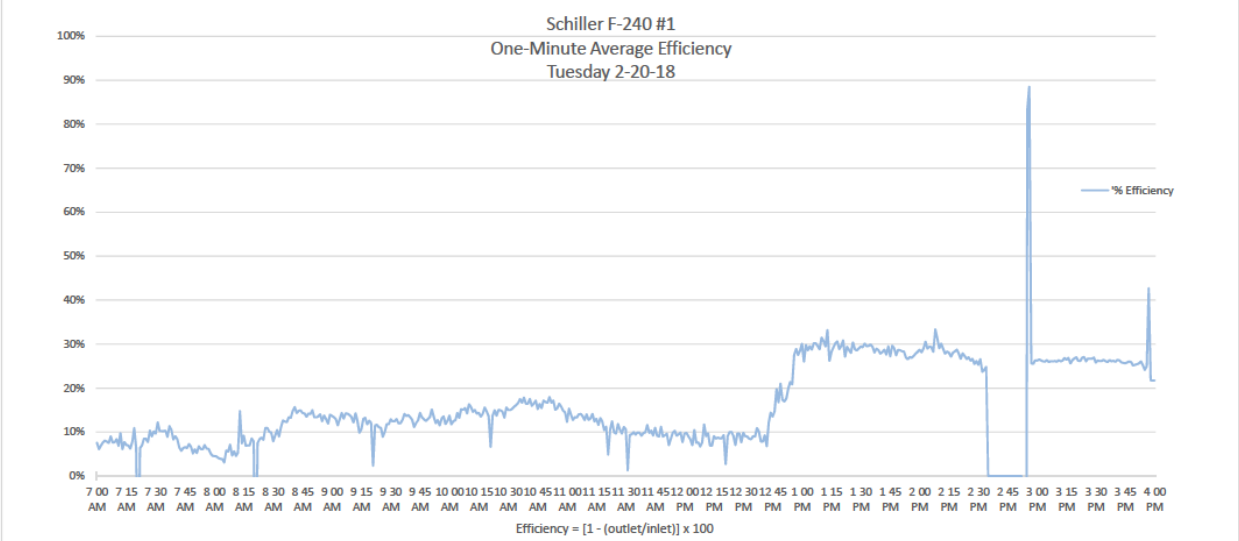

Schiller F-240 #1 Efficiency
Tuesday 2-20-18
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency =
23 %
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

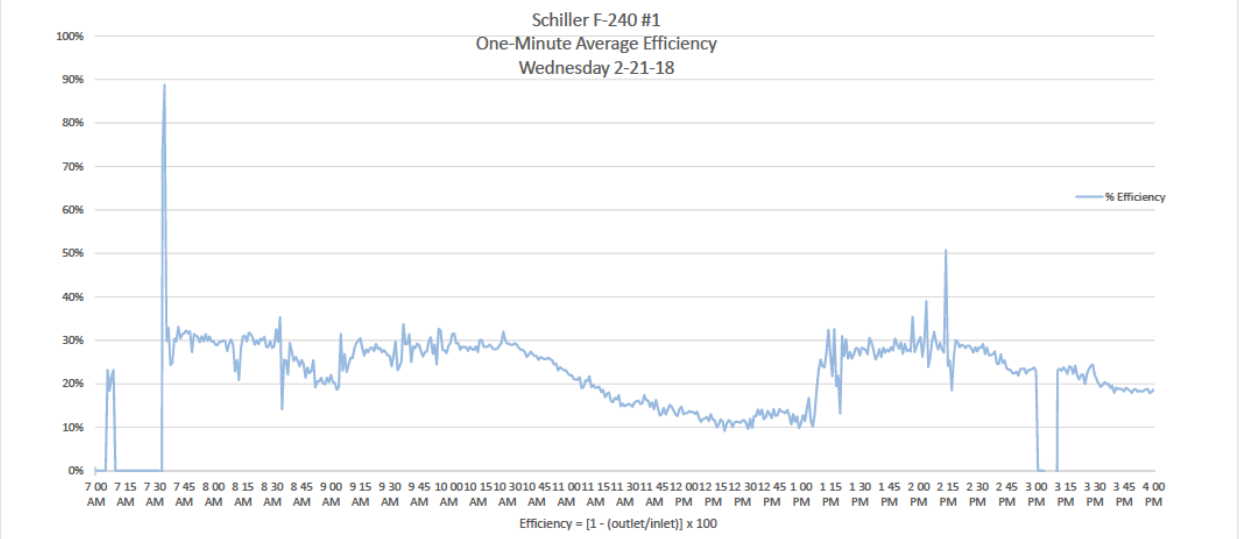

Schiller F-240 #1 Efficiency
Wednesday 2-21-18
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency =
26 %
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

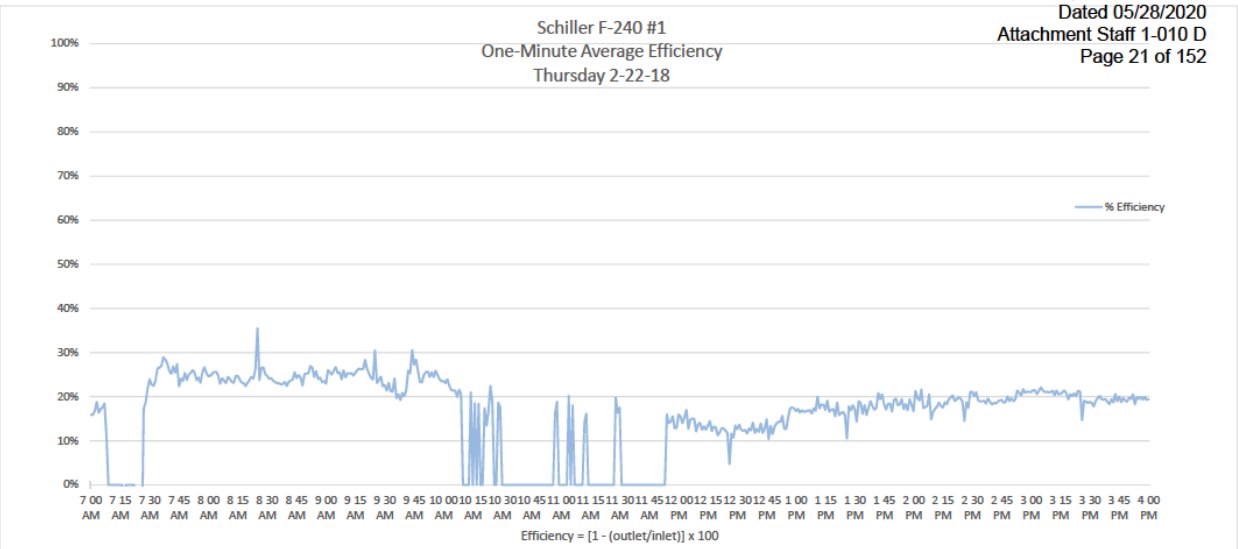

Schiller F-240 #1 Efficiency
Thursday 2-22-18
Work Day Efficiency =
22 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

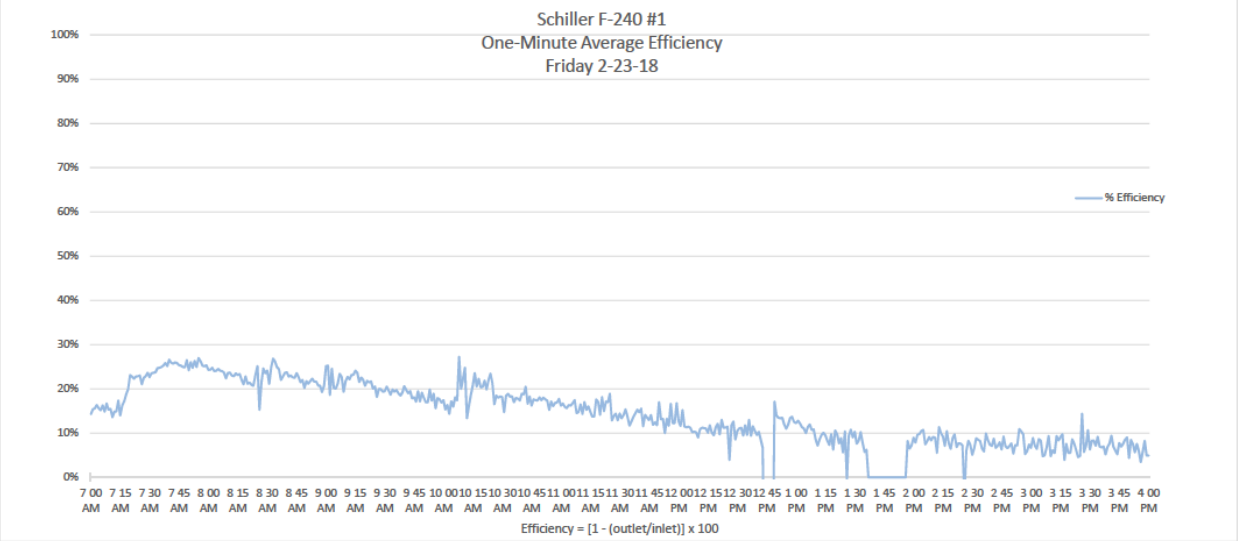

Schiller F-240 #1 Efficiency
Friday 2-23-18
Work Day Efficiency =
18 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

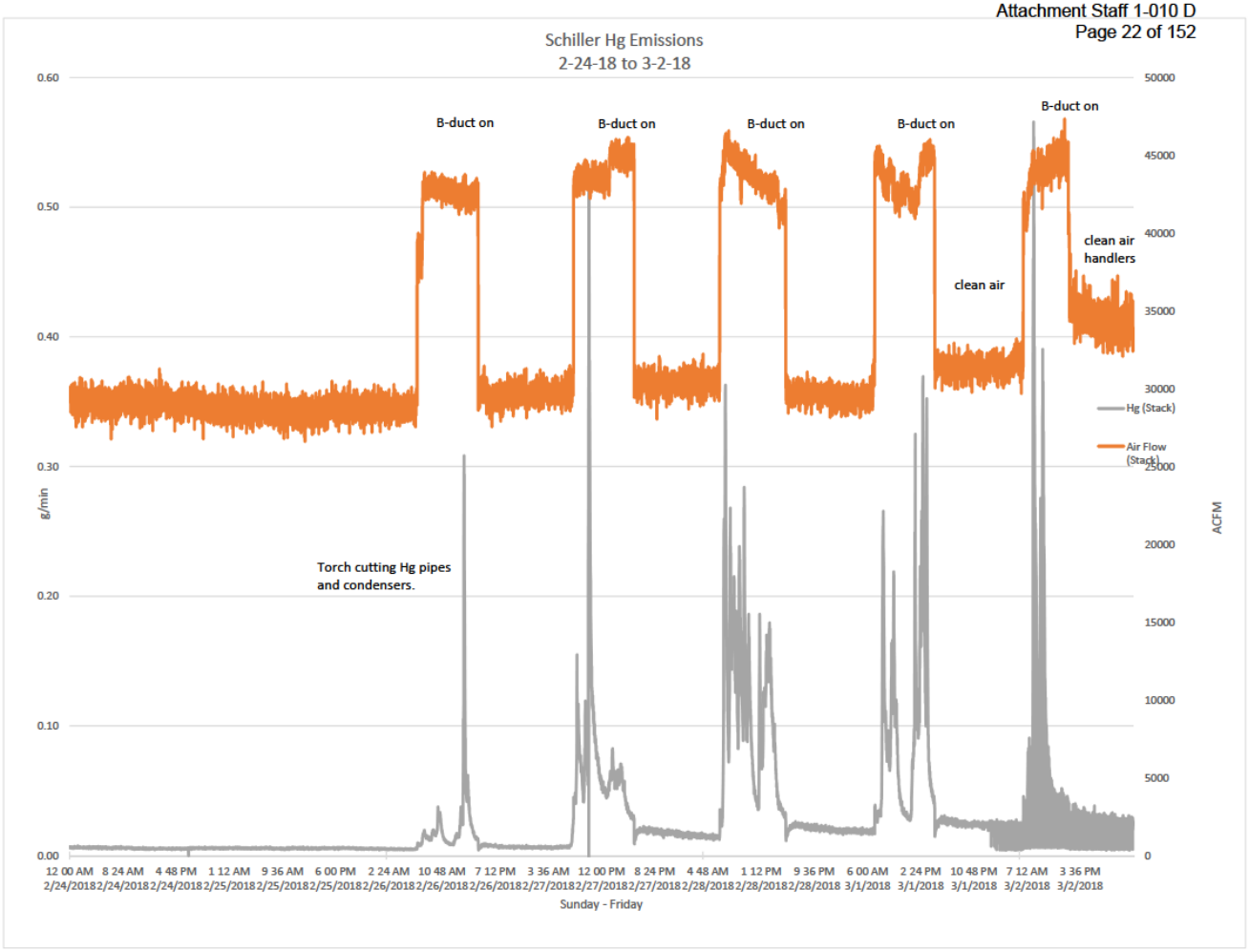

Schiller F-240 #1
One-Minute Average Efficiency
Monday 2-19-18
% efficiency
Monday - President's Day
No Work
Efficiency = [1 - (outlet/inlet)] x 100

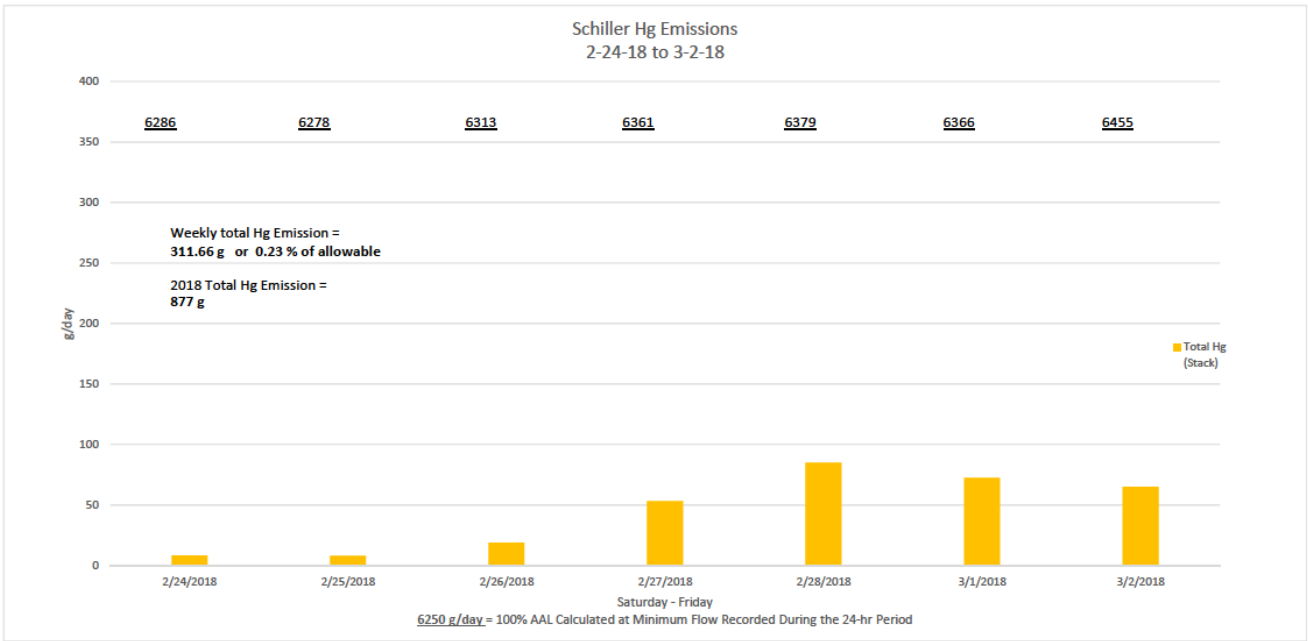

Schiller F-240 #1
One-Minute Average Efficiency
Tuesday 2-20-18
% Efficiency
Efficiency = [1 - (outlet/inlet)] x 100

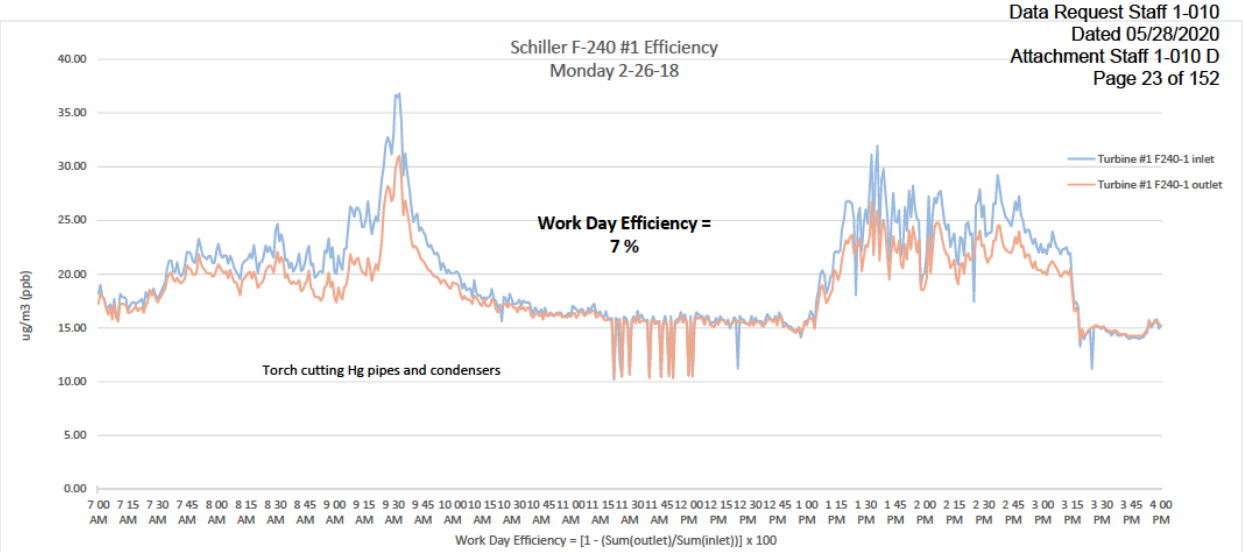

Schiller F-240 #1
One-Minute Average Efficiency
Wednesday 2-21-18
% Efficiency
Efficiency = [1 - (outlet/inlet)] x 100

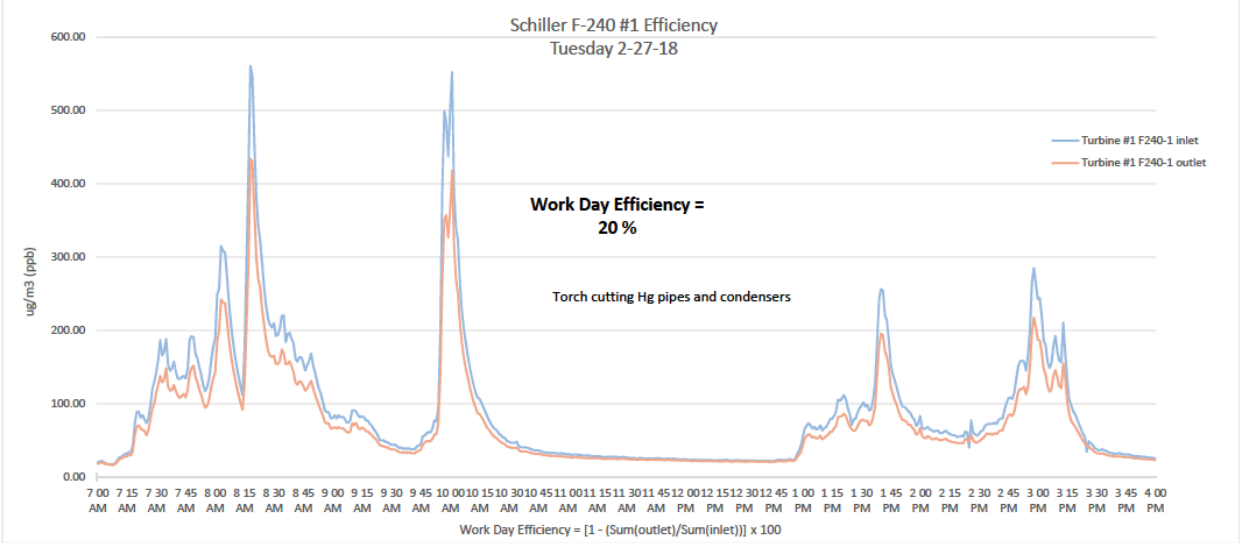

Schiller F-240 #1
One-Minute Average Efficiency
Thursday 2-22-18
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
% Efficiency
7 00 AM 7 15 AM 7 30 AM 7 45 AM 8 00 AM 8 15 AM 8 30 AM 8 45 AM 9 00 AM 9 15 AM 9 30 AM 9 45 AM 10 00 10 15 10 30 10 45 11 00 11 15 11 30 11 45 12 00 PM 12 15 PM 12 30 PM 12 45 PM 1 00 PM 1 15 PM 1 30 PM 1 45 PM 2 00 PM 2 15 PM 2 30 PM 2 45 PM 3 00 PM 3 15 PM 3 30 PM 3 45 PM 4 00 PM
Efficiency = [1 - (outlet/inlet)] x 100

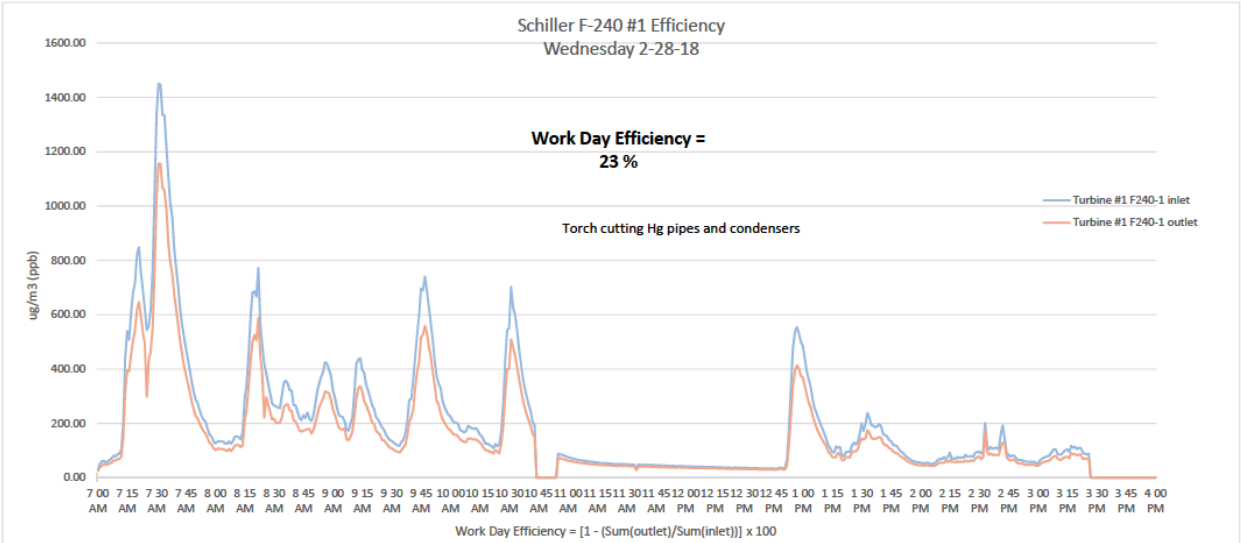

Schiller F-240 #1
One-Minute Average Efficiency
Friday 2-23-18
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
% Efficiency
7 00 AM 7 15 AM 7 30 AM 7 45 AM 8 00 AM 8 15 AM 8 30 AM 8 45 AM 9 00 AM 9 15 AM 9 30 AM 9 45 AM 10 00 10 15 10 30 10 45 11 00 11 15 11 30 11 45 12 00 PM 12 15 PM 12 30 PM 12 45 PM 1 00 PM 1 15 PM 1 30 PM 1 45 PM 2 00 PM 2 15 PM 2 30 PM 2 45 PM 3 00 PM 3 15 PM 3 30 PM 3 45 PM 4 00 PM
Efficiency = [1 - (outlet/inlet)] x 100

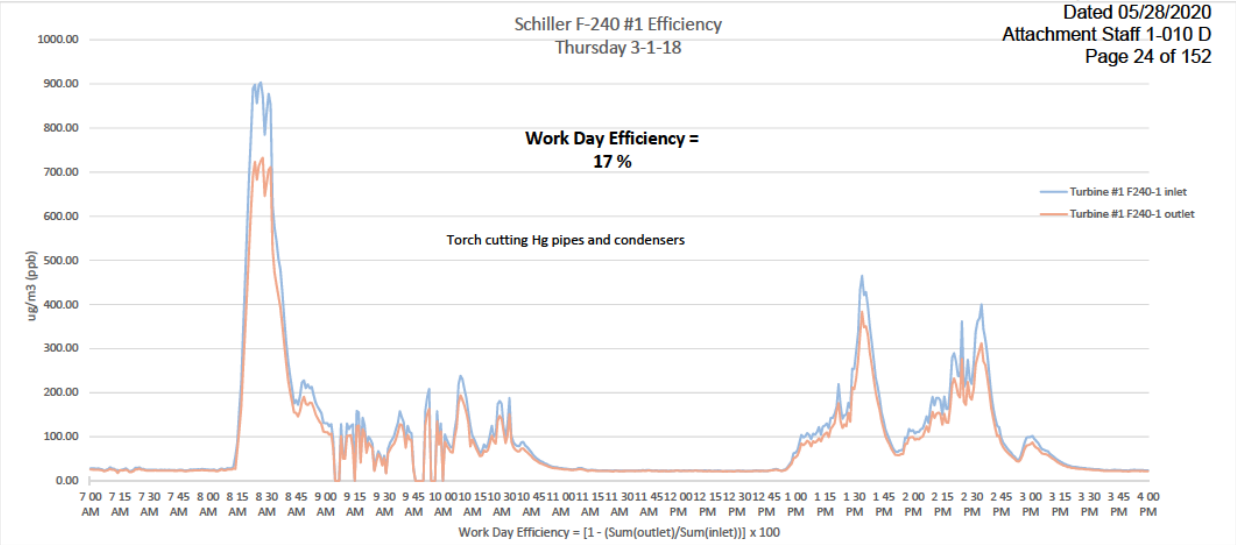

Schiller Hg Emissions
2-24-18 to 3-2-18
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
clean air
clean air handlers
Torch cutting Hg pipes and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

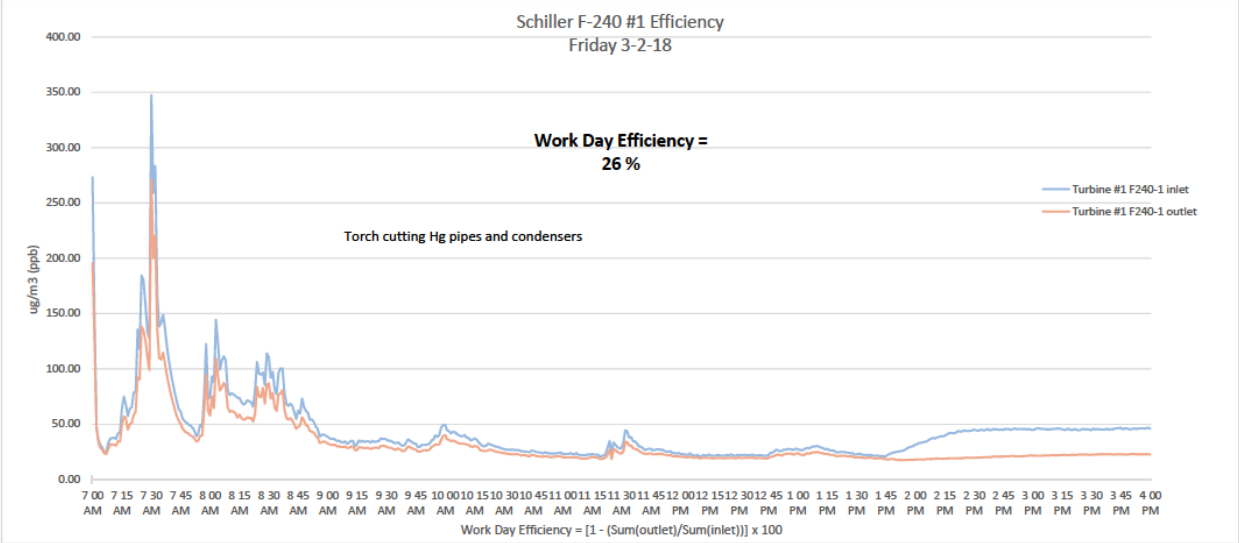

Schiller Hg Emissions
2-24-18 to 3-2-18
6286
6278
6313
6361
6379
6366
6455
Weekly total Hg Emission =
311.66 g or 0.23 % of allowable
2018 Total Hg Emission =
877 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

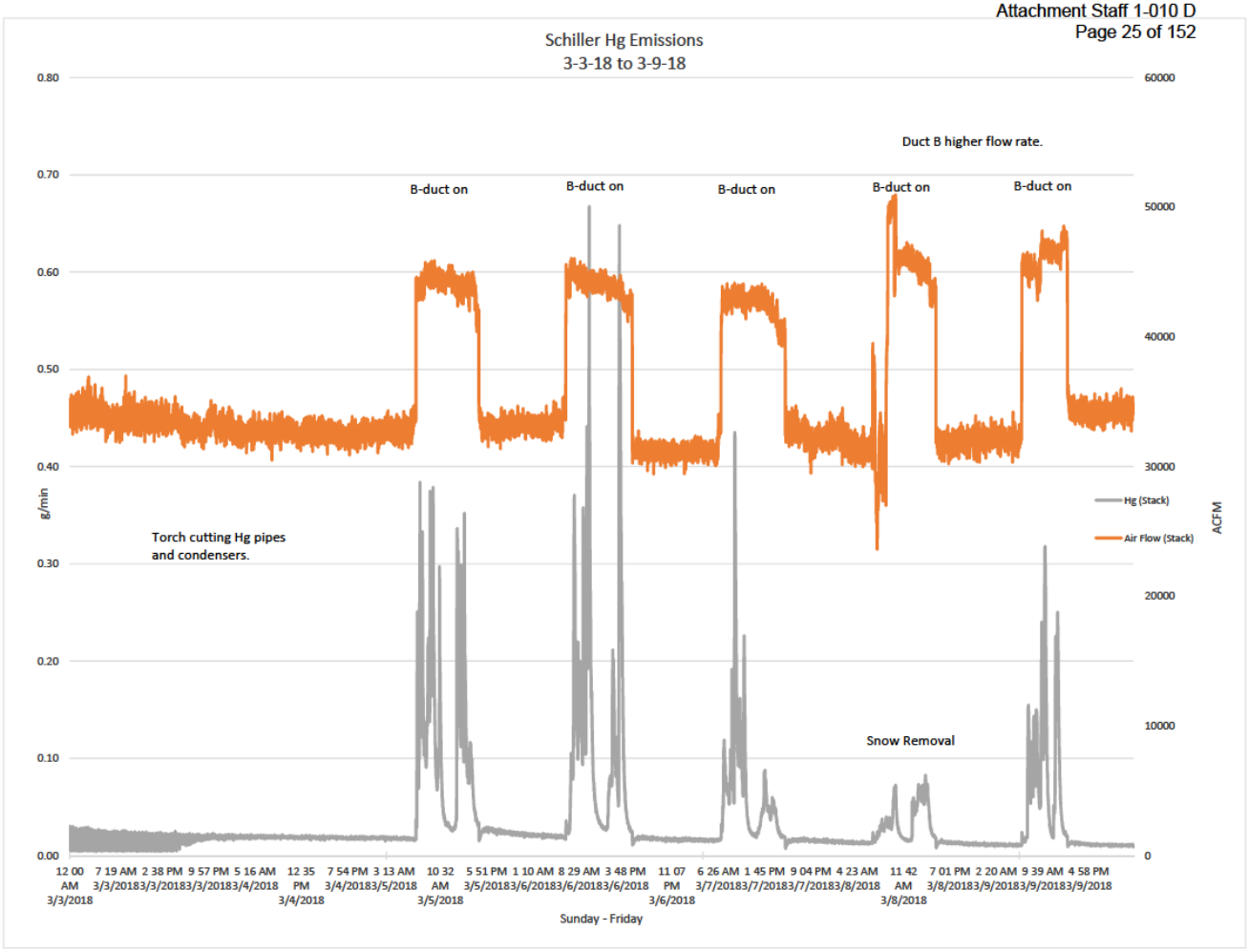

Schiller F-240 #1 Efficiency
Monday 2-26-18
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency =
7 %
Torch cutting Hg pipes and condensers
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

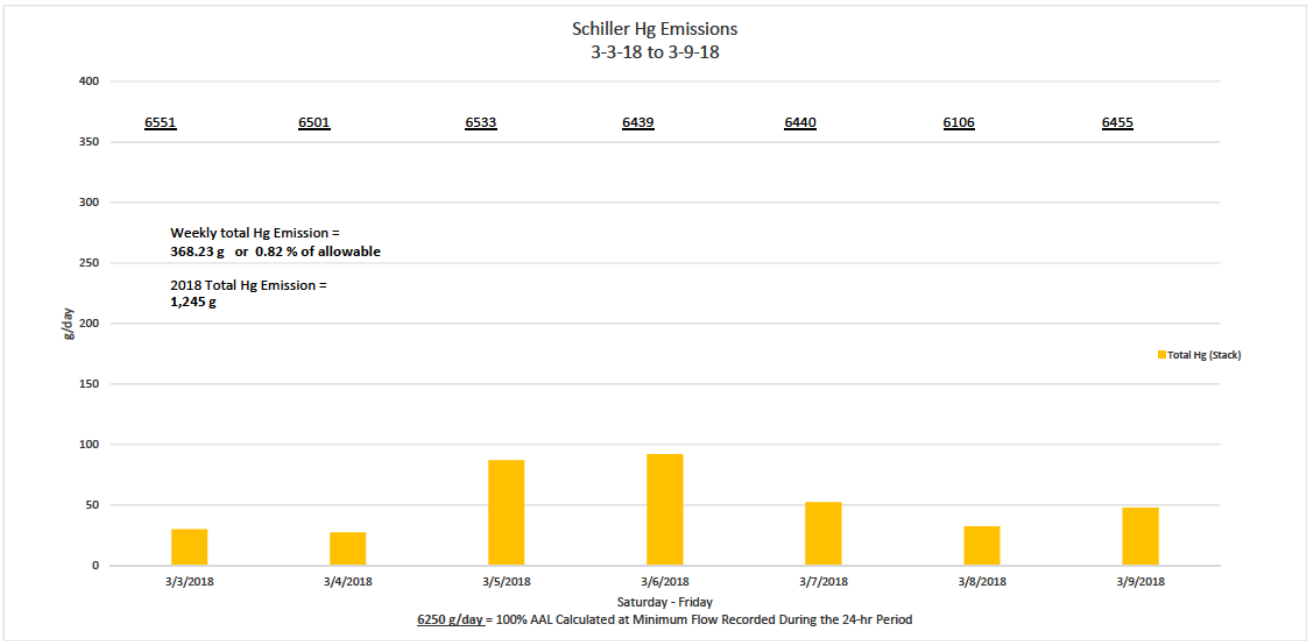

Schiller F-240 #1 Efficiency
Tuesday 2-27-18
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency =
20 %
Torch cutting Hg pipes and condensers
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

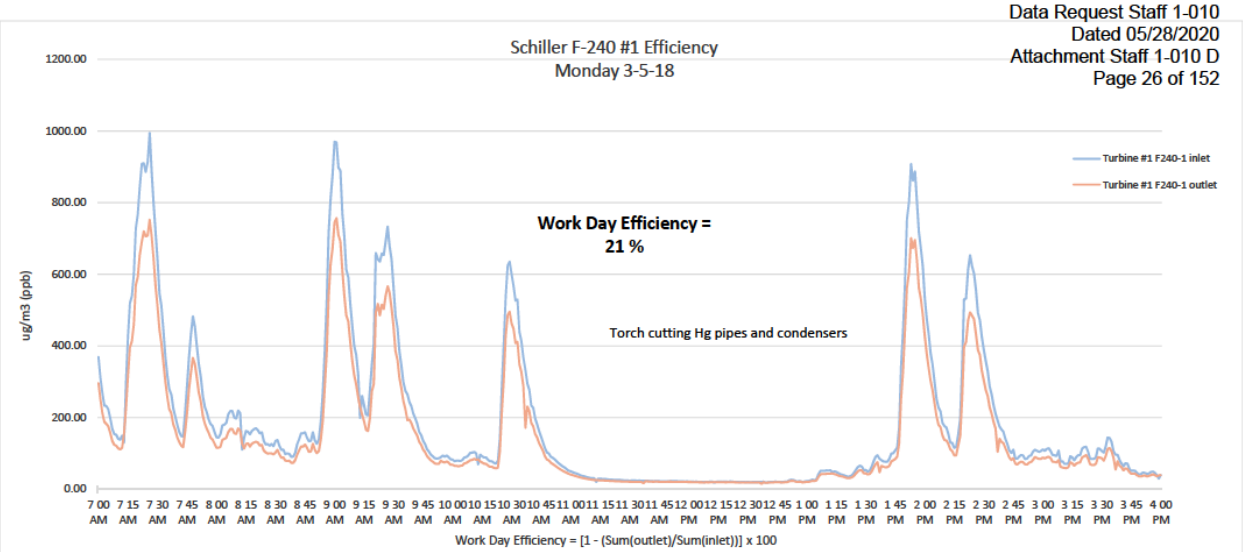

Schiller F-240 #1 Efficiency
Wednesday 2-28-18
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency =
23 %
Torch cutting Hg pipes and condensers
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

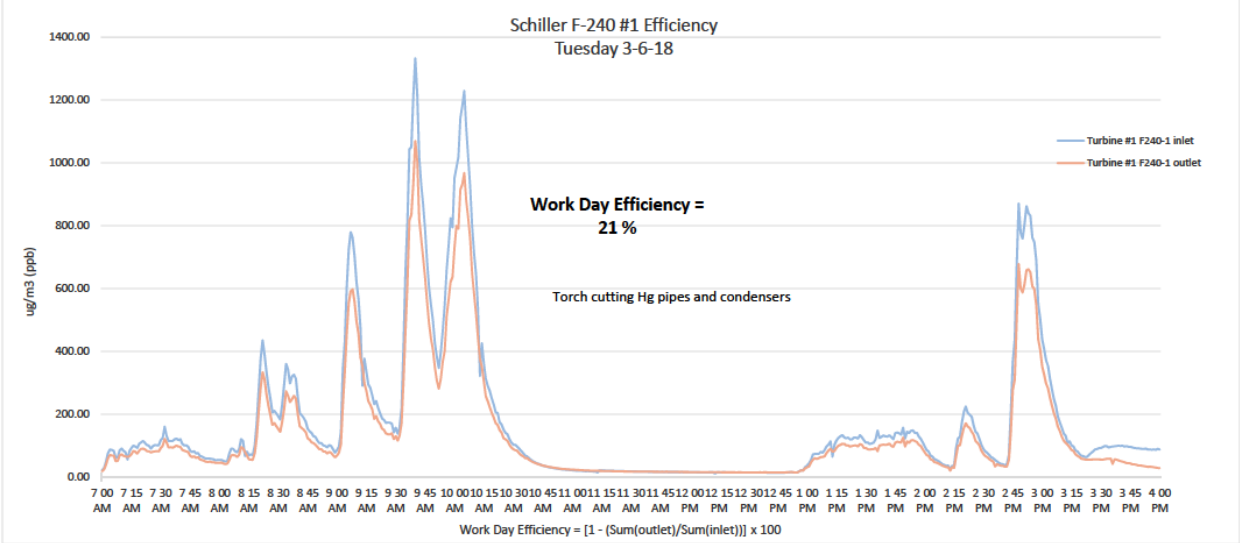

Schiller F-240 #1 Efficiency
Thursday 3-1-18
Work Day Efficiency =
17 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

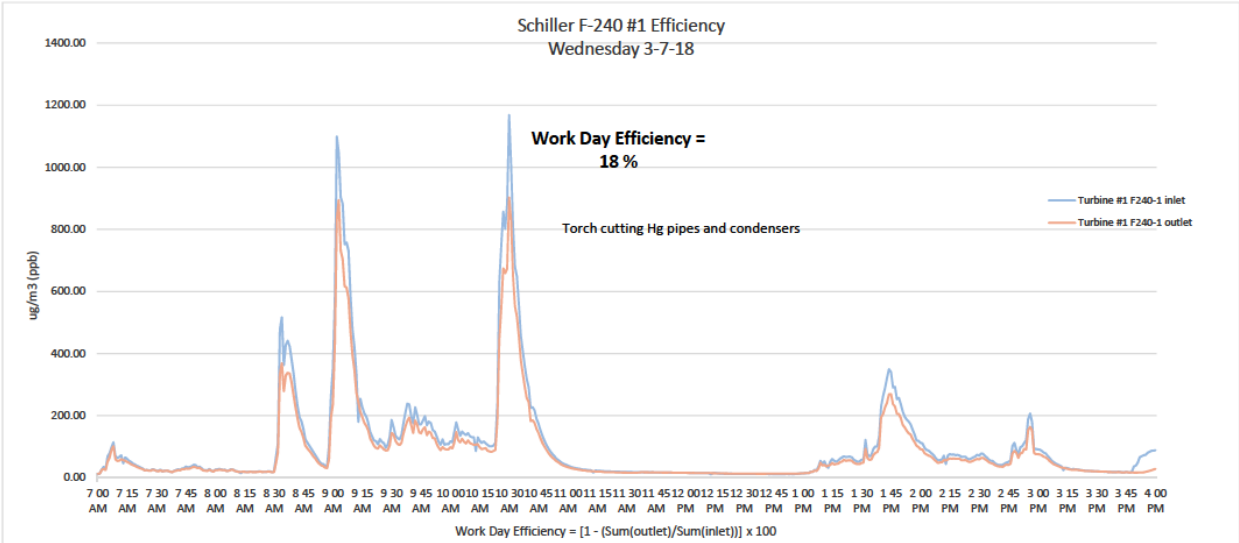

Schiller F-240 #1 Efficiency
Friday 3-2-18
Work Day Efficiency =
26 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

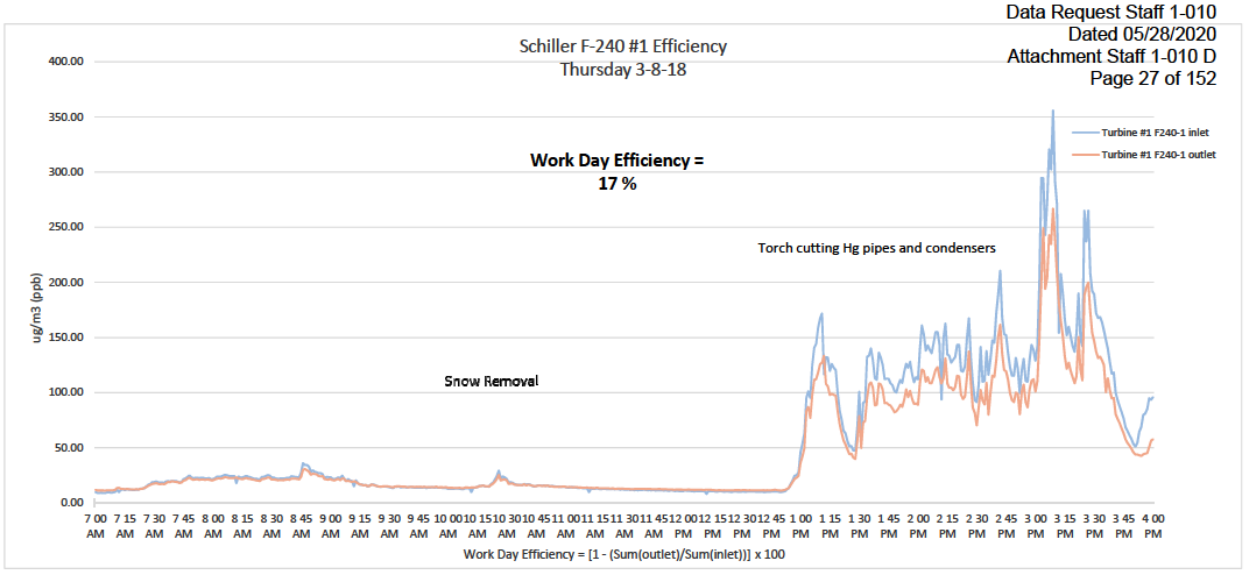

Schiller Hg Emissions
3-3-18 to 3-9-18
Duct B higher flow rate.
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
Torch cutting Hg pipes
and condensers.
Snow Removal
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

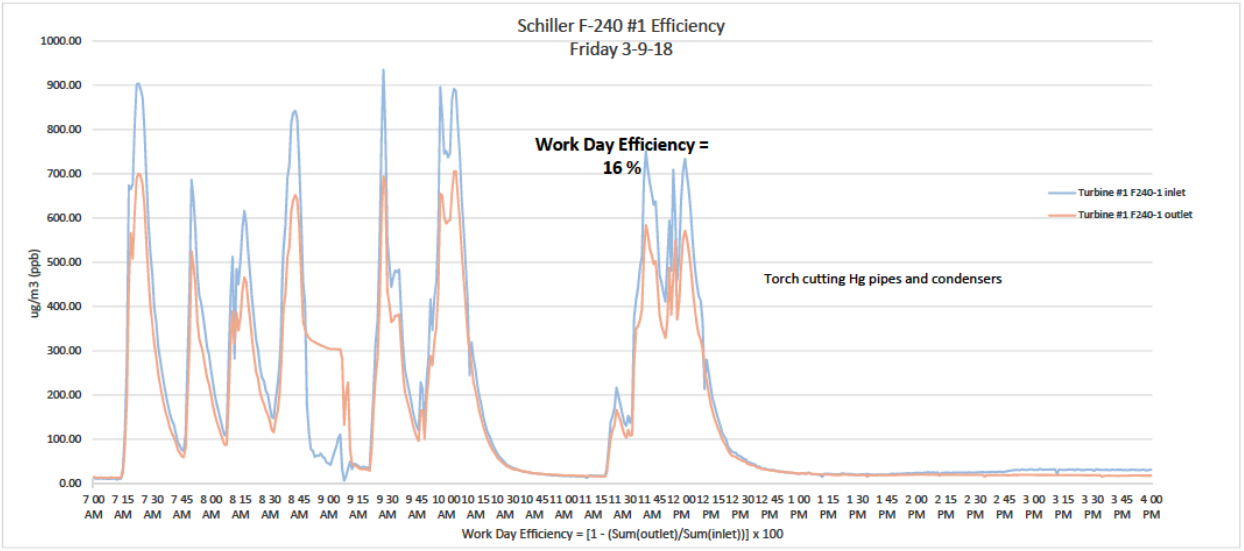

Schiller Hg Emissions
3-3-18 to 3-9-18
6551
6501
6533
6439
6440
6106
6455
Weekly total Hg Emission =
368.23 g or 0.82 % of allowable
2018 Total Hg Emission =
1,245 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

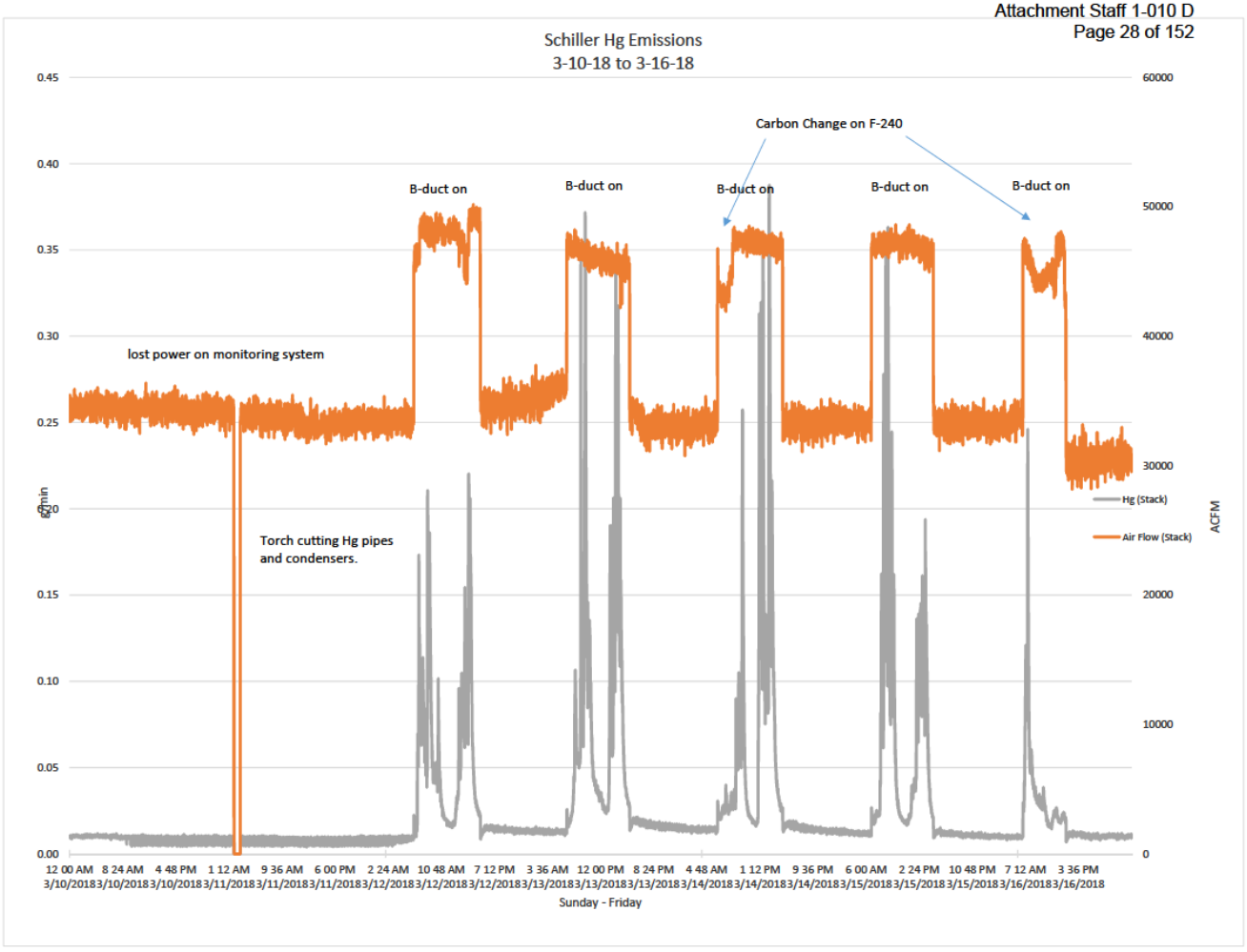

Schiller F-240 #1 Efficiency
Monday 3-5-18
Work Day Efficiency =
21 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

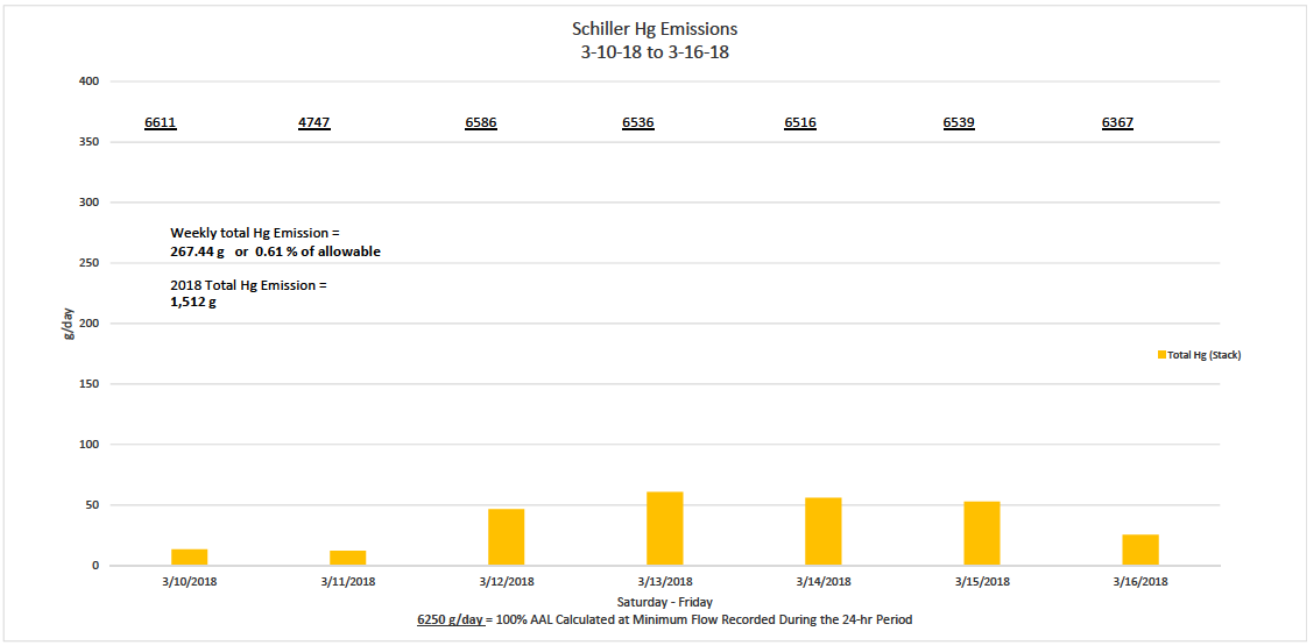

Schiller F-240 #1 Efficiency
Tuesday 3-6-18
Work Day Efficiency =
21 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

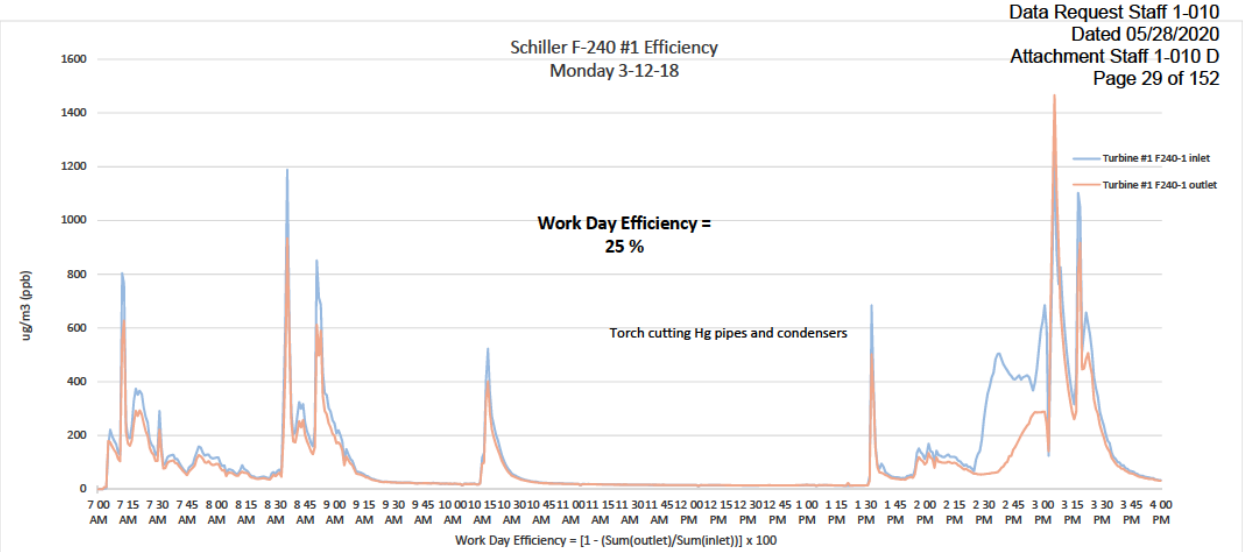

Schiller F-240 #1 Efficiency
Wednesday 3-7-18
Work Day Efficiency =
18 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

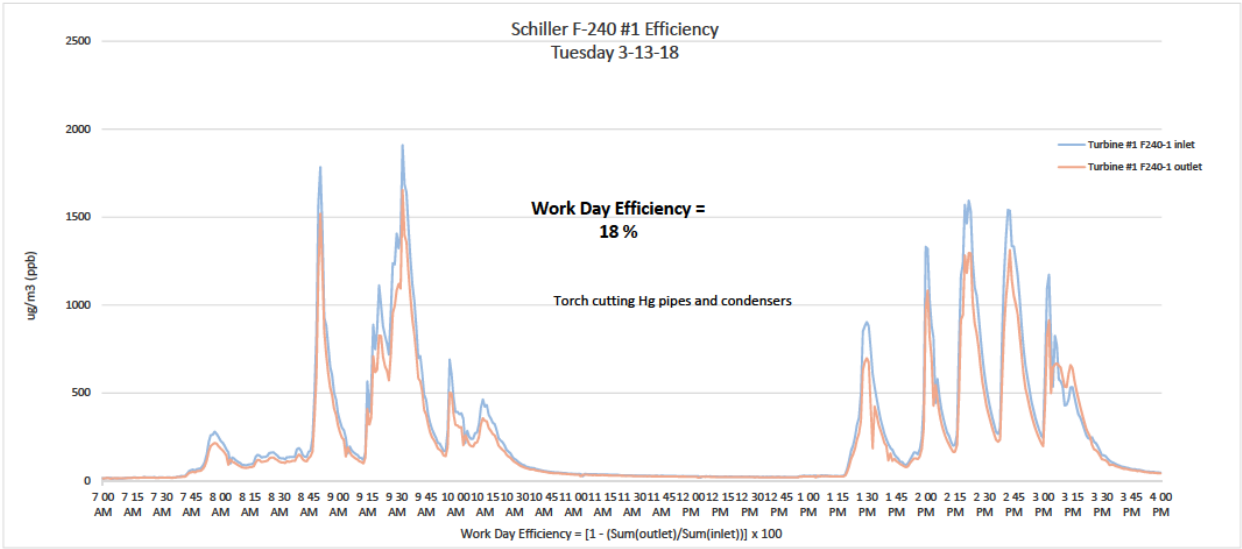

Schiller F-240 #1 Efficiency
Thursday 3-8-18
Work Day Efficiency =
17 %
Torch cutting Hg pipes and condensers
Snow Removal
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

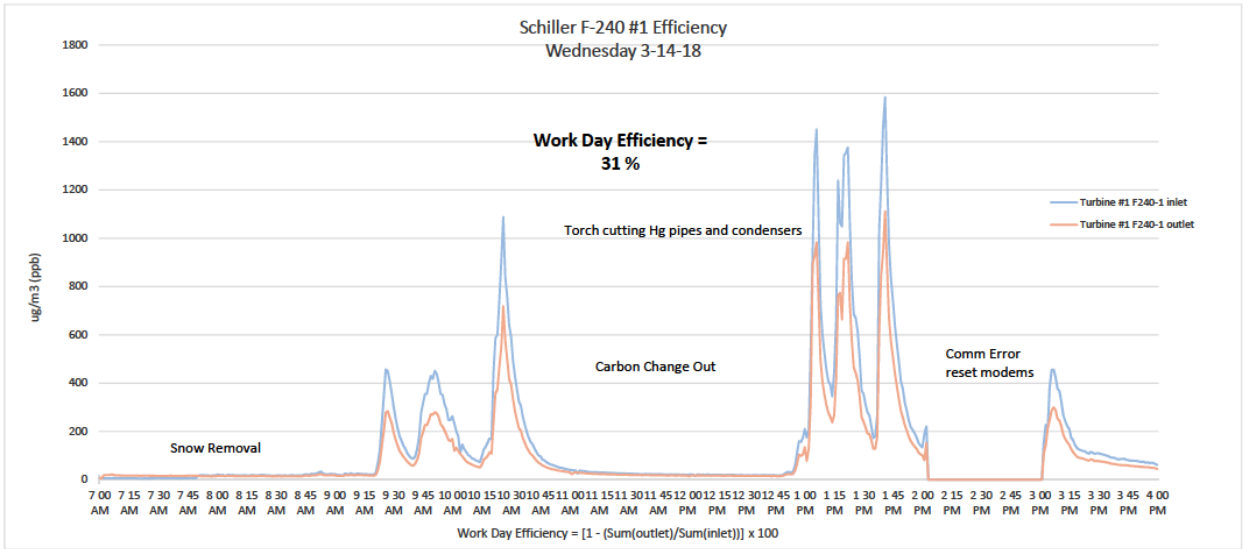

Schiller F-240 #1 Efficiency
Friday 3-9-18
Work Day Efficiency =
16 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

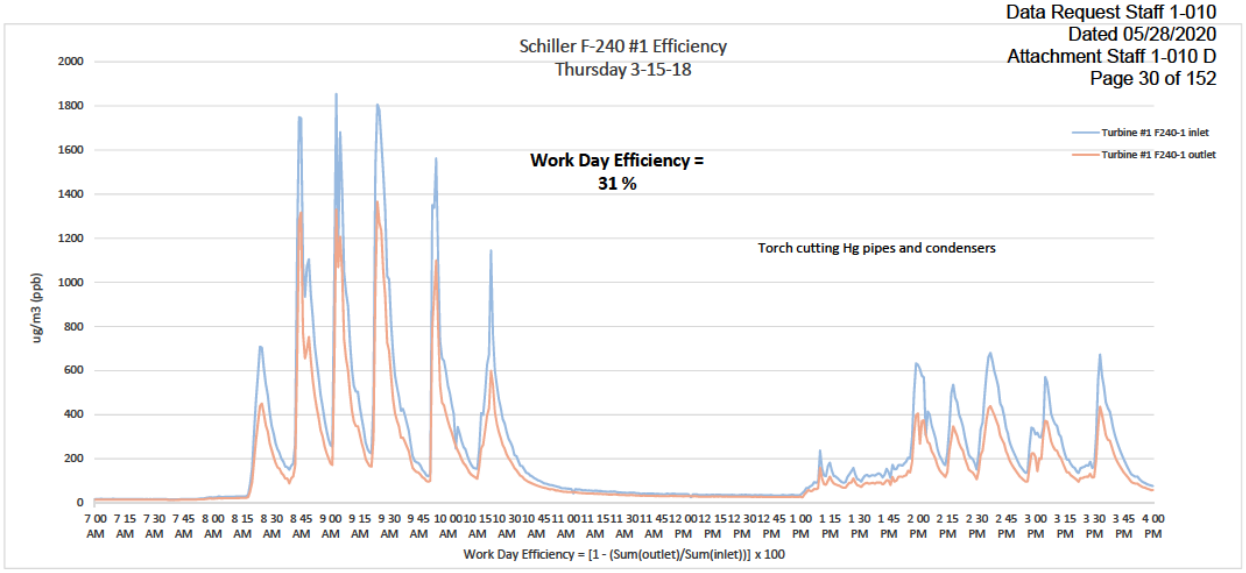

Schiller Hg Emissions
3-10-18 to 3-16-18
Carbon Change on F-240
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
lost power on monitoring system
Torch cutting Hg pipes
and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

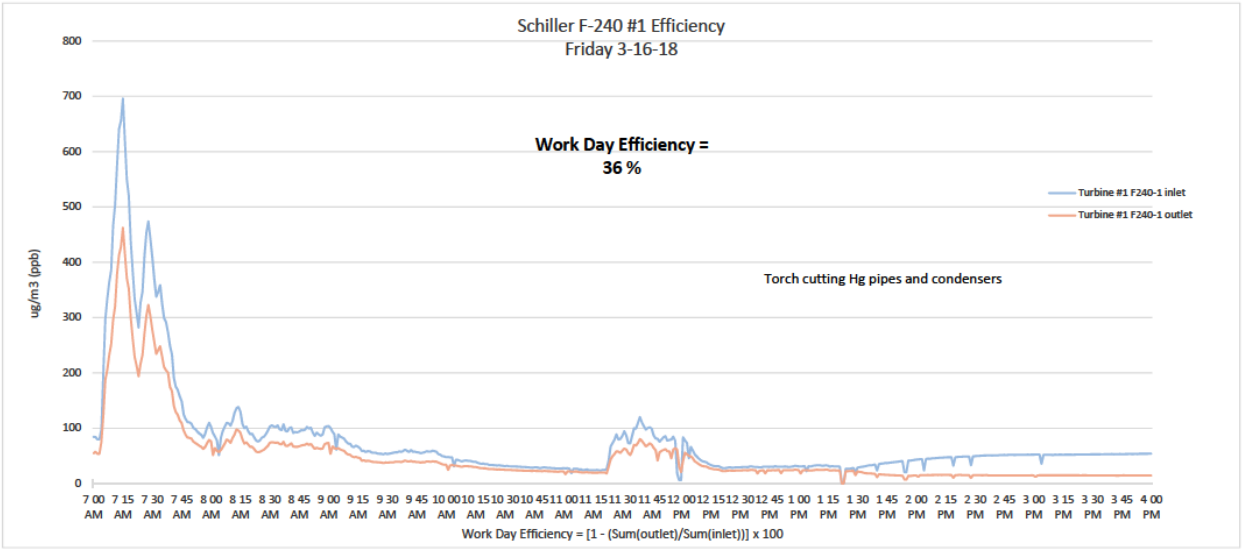

Schiller Hg Emissions
3-10-18 to 3-16-18
6611
4747
6586
6536
6516
6539
6367
Weekly total Hg Emission =
267.44 g or 0.61 % of allowable
2018 Total Hg Emission =
1,512 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

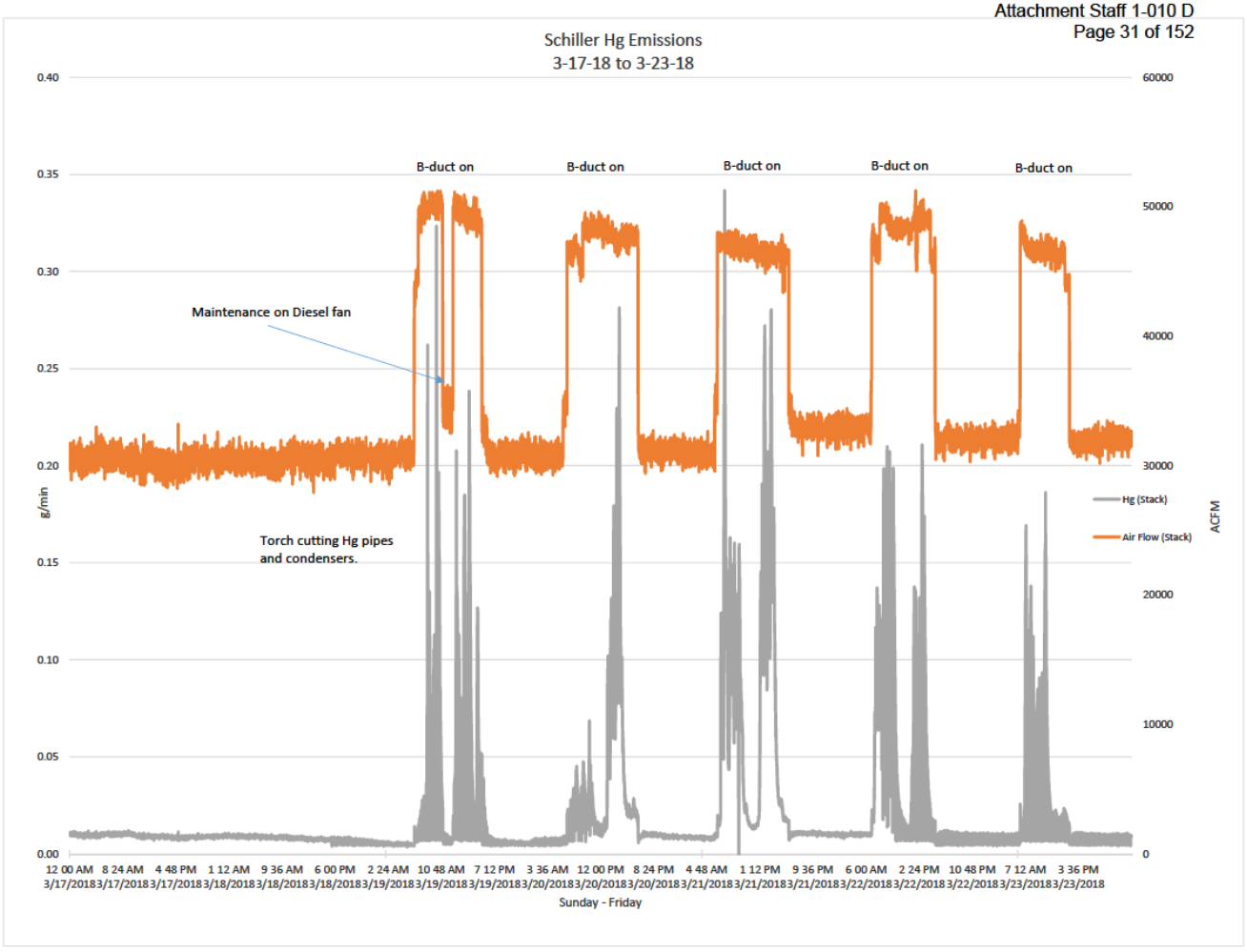

Schiller F-240 #1 Efficiency
Monday 3-12-18
Work Day Efficiency =
25 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

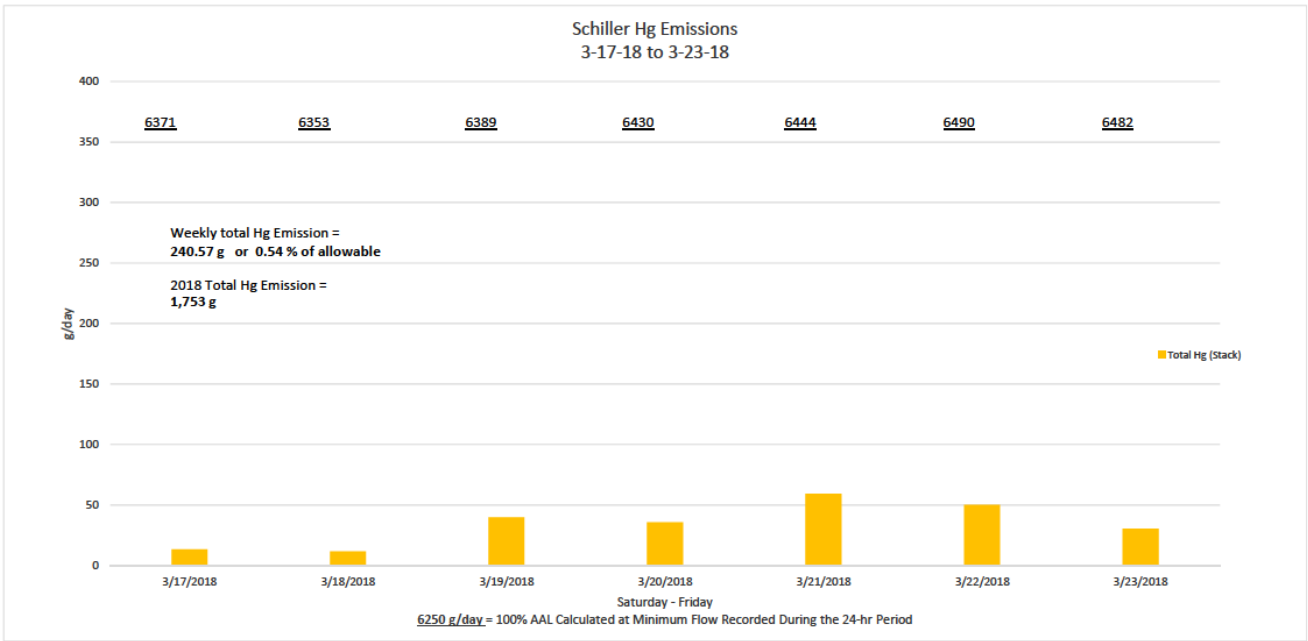

Schiller F-240 #1 Efficiency
Tuesday 3-13-18
Work Day Efficiency =
18 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

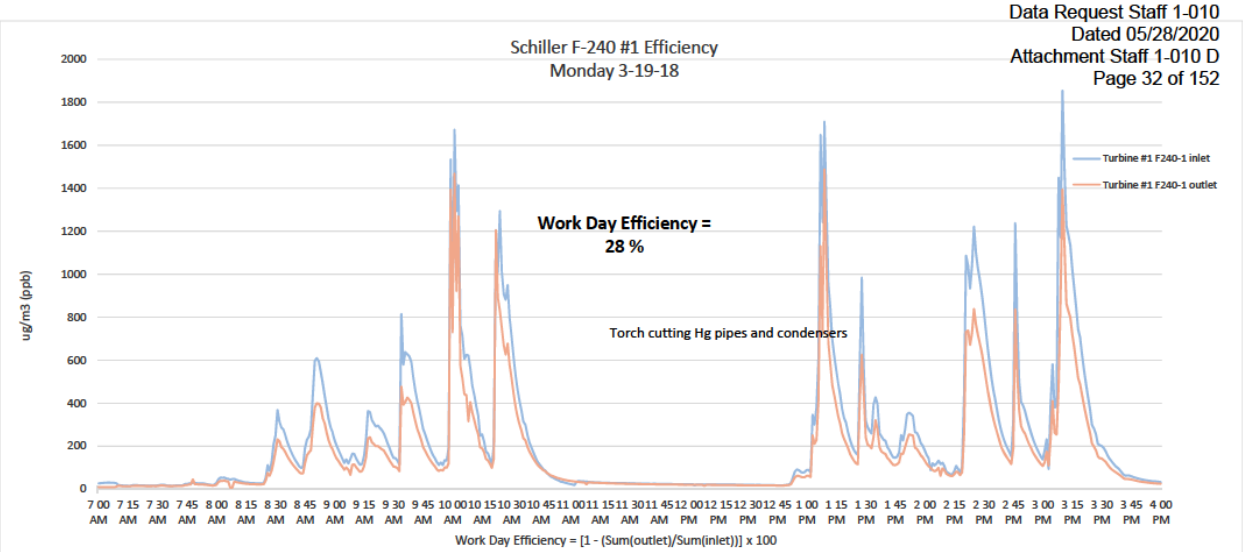

Schiller F-240 #1 Efficiency
Wednesday 3-14-18
Work Day Efficiency =
31 %
Torch cutting Hg pipes and condensers
Carbon Change Out
Comm Error
reset modems
Snow Removal
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

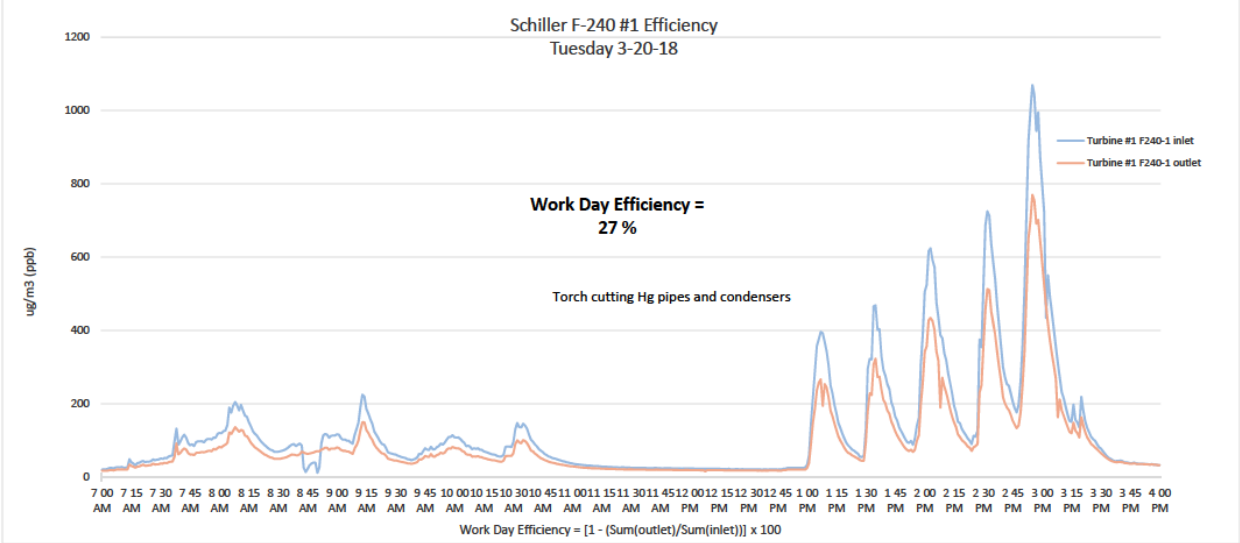

Schiller F-240 #1 Efficiency
Thursday 3-15-18
Work Day Efficiency =
31 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

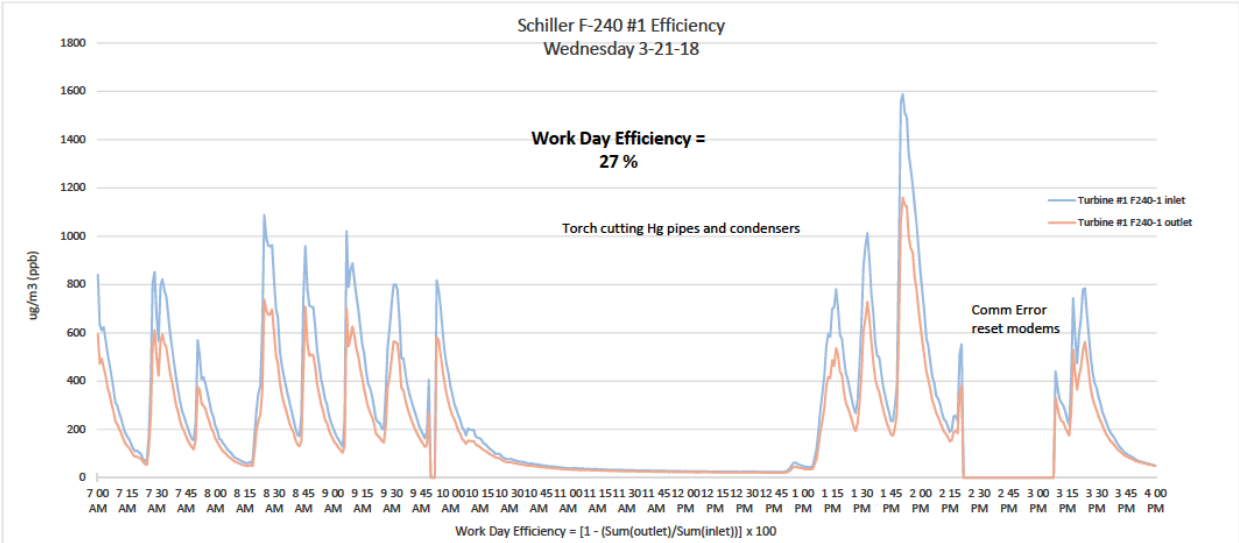

Schiller F-240 #1 Efficiency
Friday 3-16-18
Work Day Efficiency =
36 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

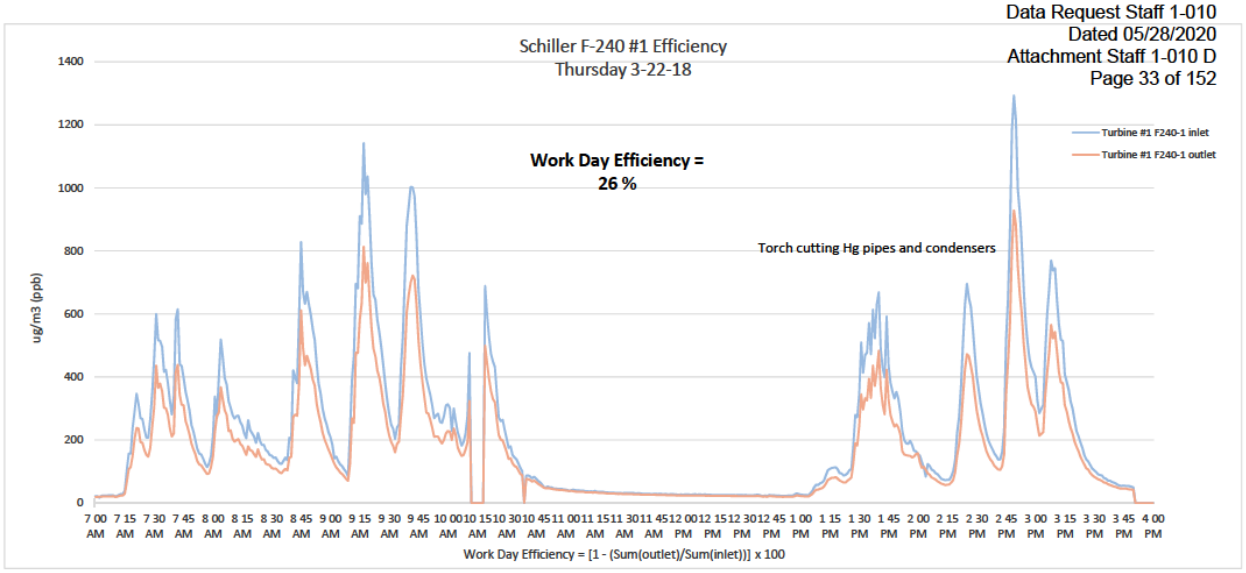

Schiller Hg Emissions
3-17-18 to 3-23-18
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
Maintenance on Diesel fan
Torch cutting Hg pipes
and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

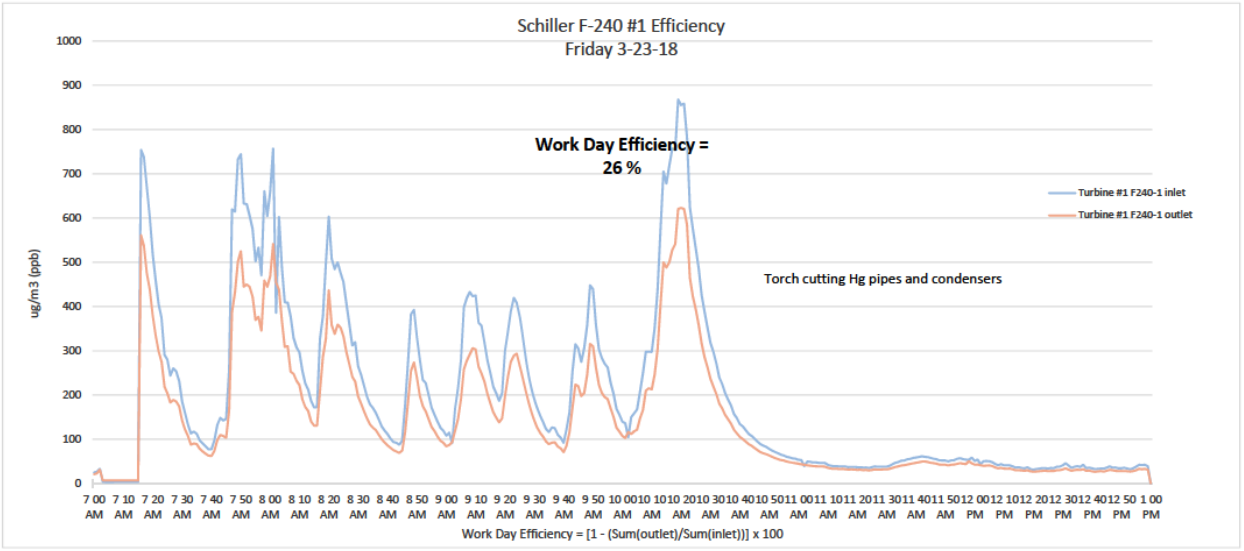

Schiller Hg Emissions
3-17-18 to 3-23-18
6371
6353
6389
6430
6444
6490
6482
Weekly total Hg Emission =
240.57 g or 0.54 % of allowable
2018 Total Hg Emission =
1,753 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

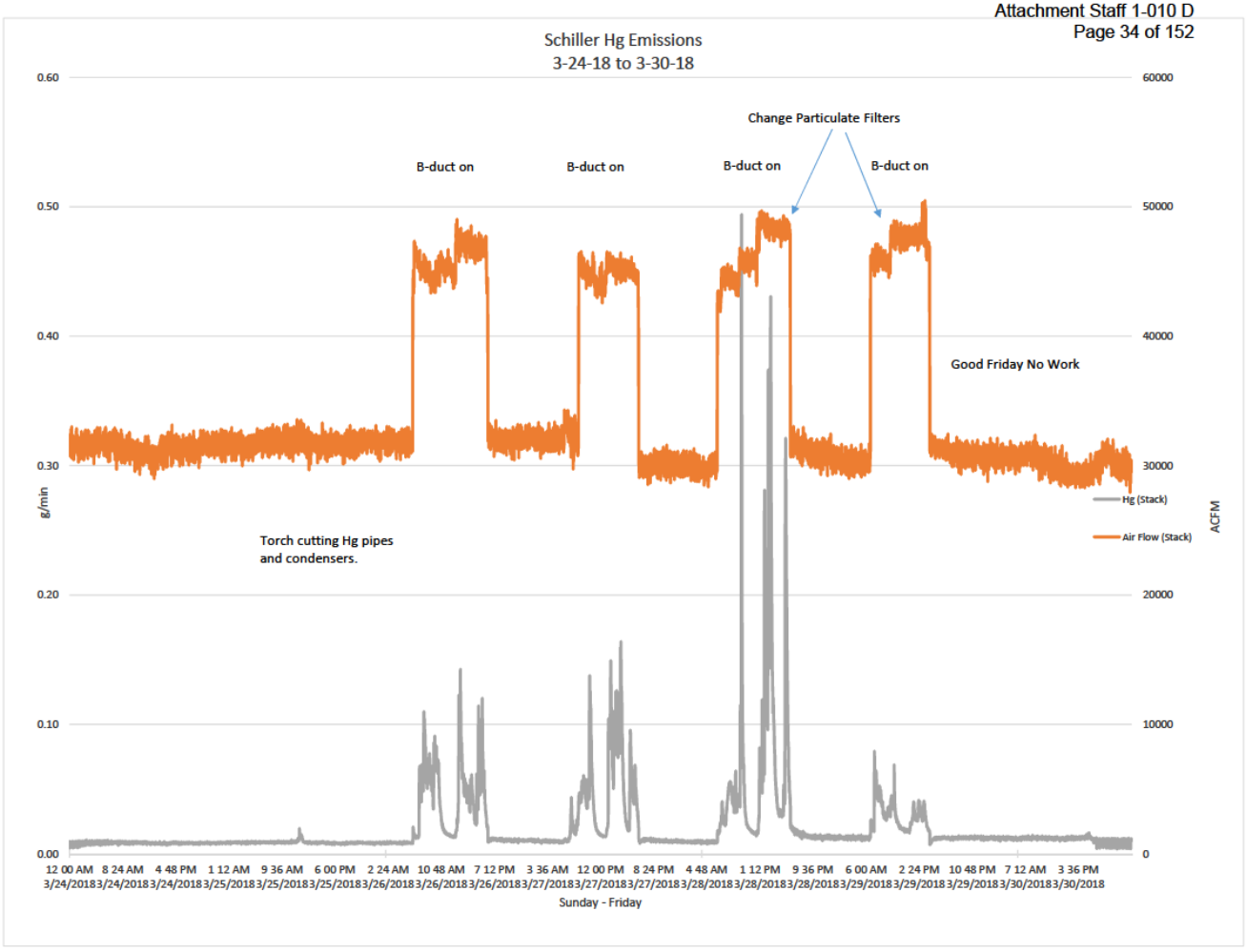

Schiller F-240 #1 Efficiency
Monday 3-19-18
Work Day Efficiency =
28 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

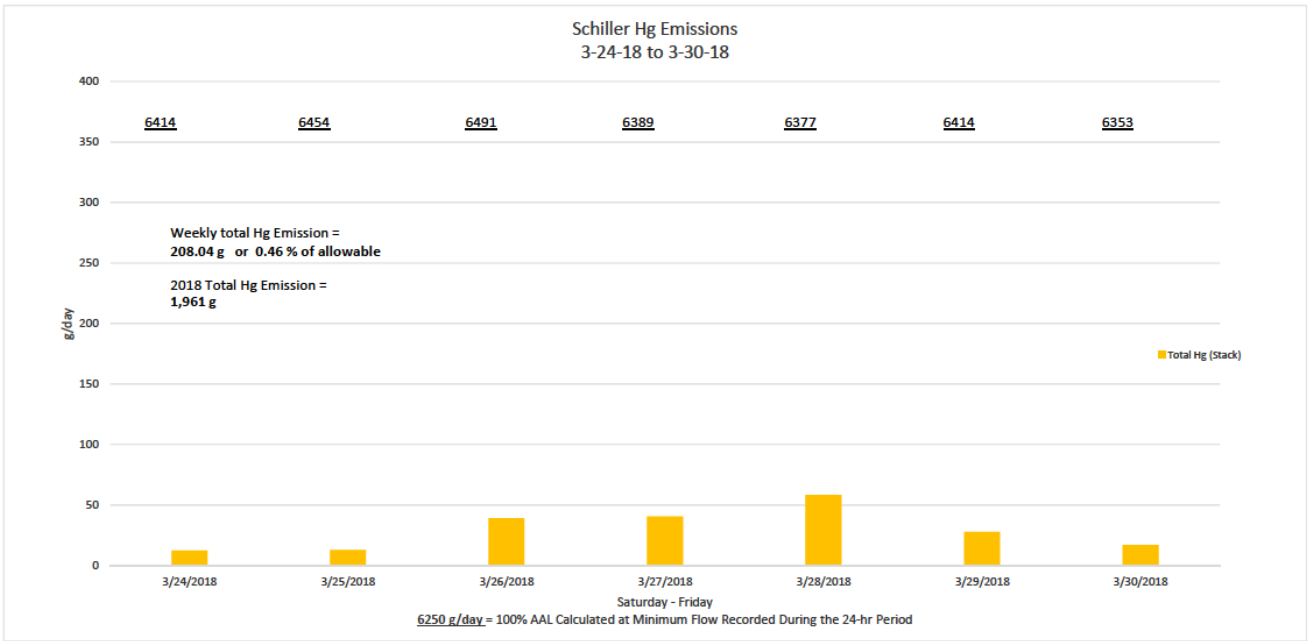

Schiller F-240 #1 Efficiency
Tuesday 3-20-18
Work Day Efficiency =
27 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

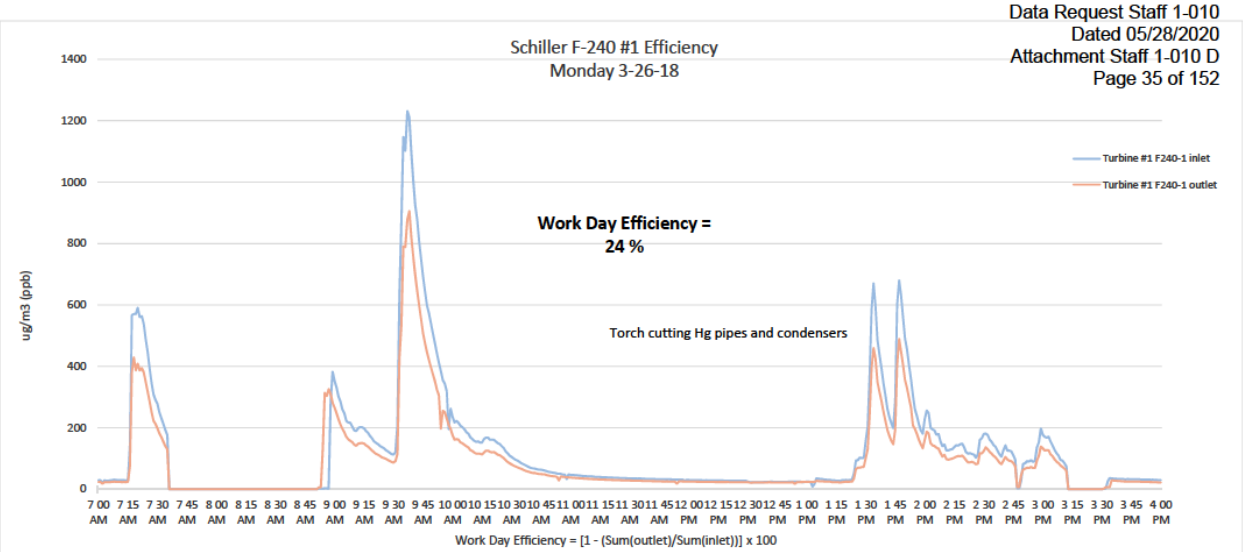

Schiller F-240 #1 Efficiency
Wednesday 3-21-18
Work Day Efficiency =
27 %
Torch cutting Hg pipes and condensers
Comm Error
reset modems
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

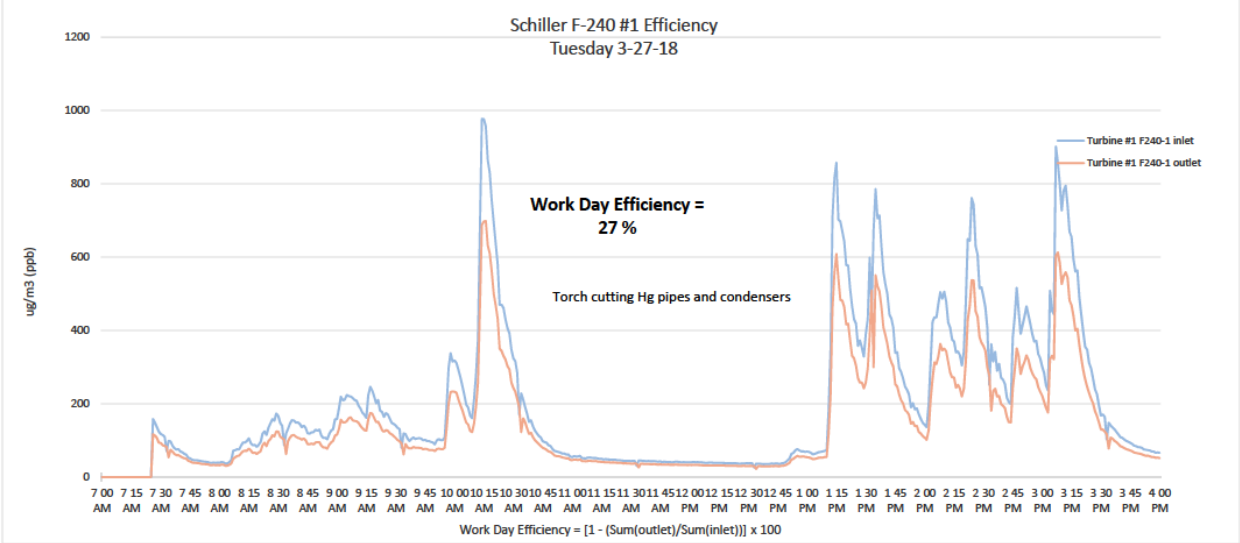

Schiller F-240 #1 Efficiency
Thursday 3-22-18
Work Day Efficiency =
26 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

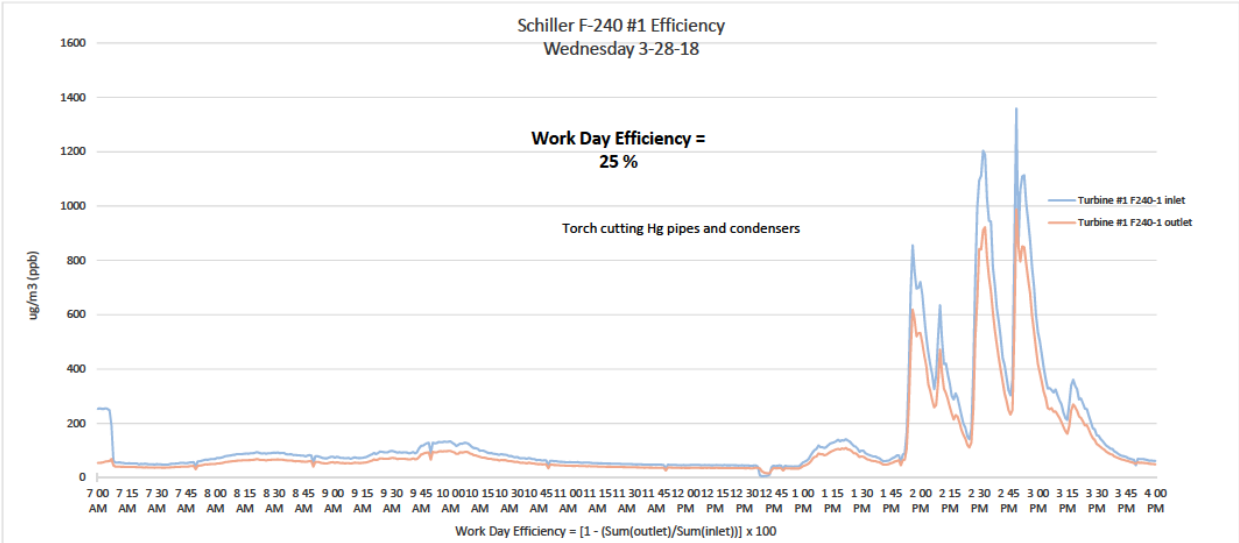

Schiller F-240 #1 Efficiency
Friday 3-23-18
Work Day Efficiency =
26 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

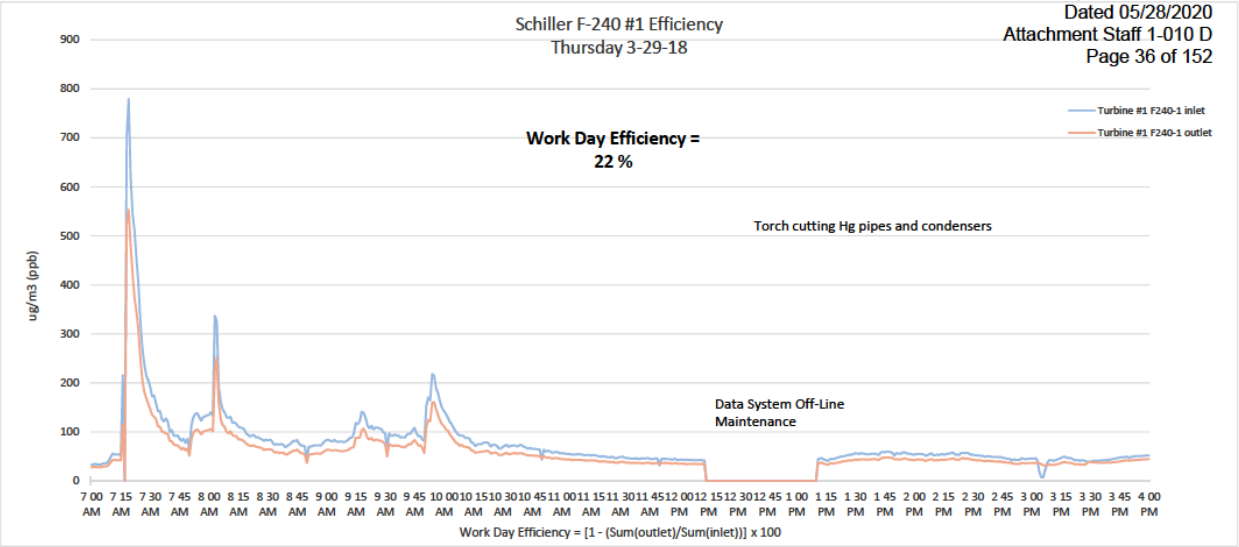

Schiller Hg Emissions
3-24-18 to 3-30-18
Change Particulate Filters
B-duct on
B-duct on
B-duct on
B-duct on
Good Friday No Work
Torch cutting Hg pipes
and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

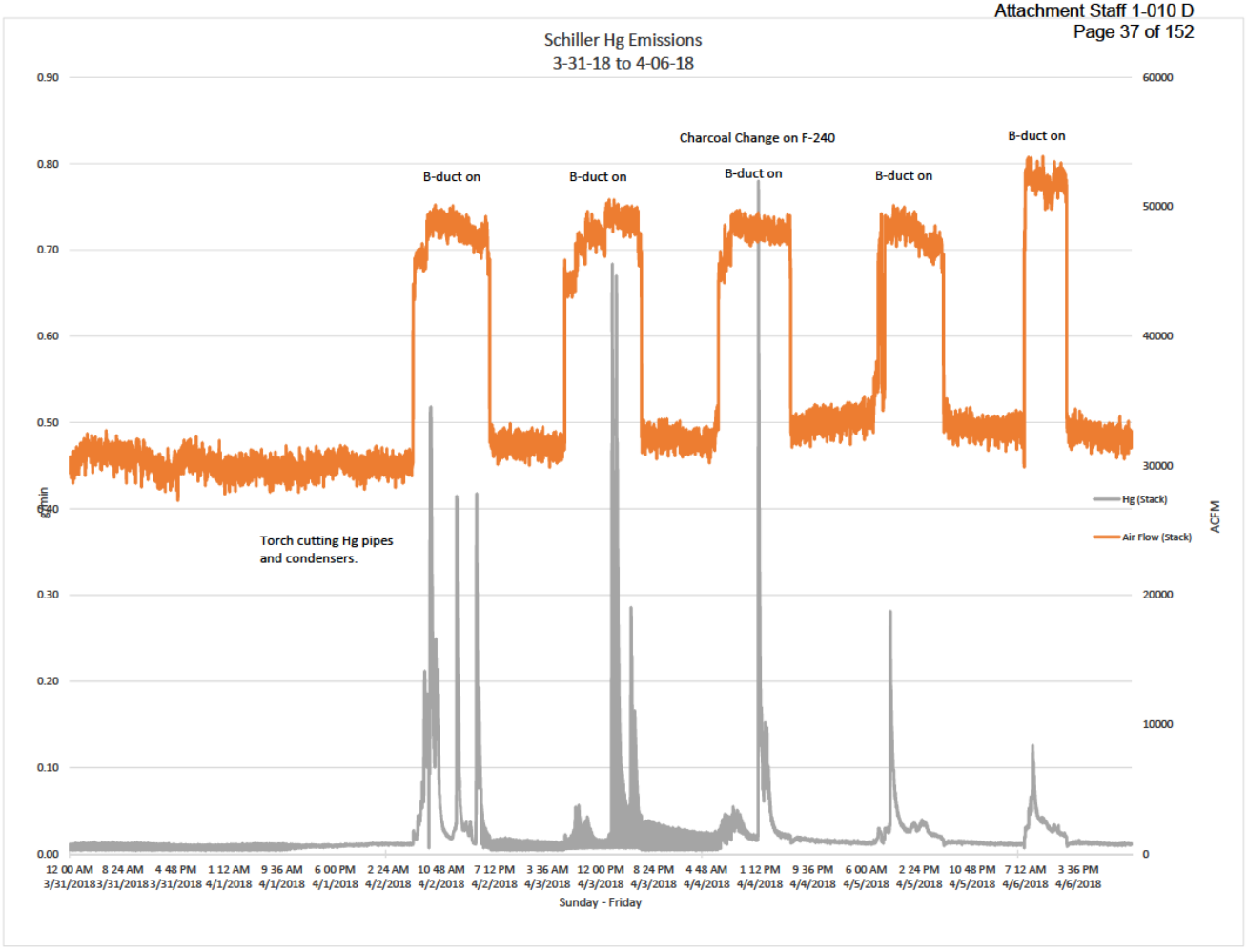

Schiller Hg Emissions
3-24-18 to 3-30-18
6414
6454
6491
6389
6377
6414
6353
Weekly total Hg Emission =
208.04 g or 0.46 % of allowable
2018 Total Hg Emission =
1,961 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

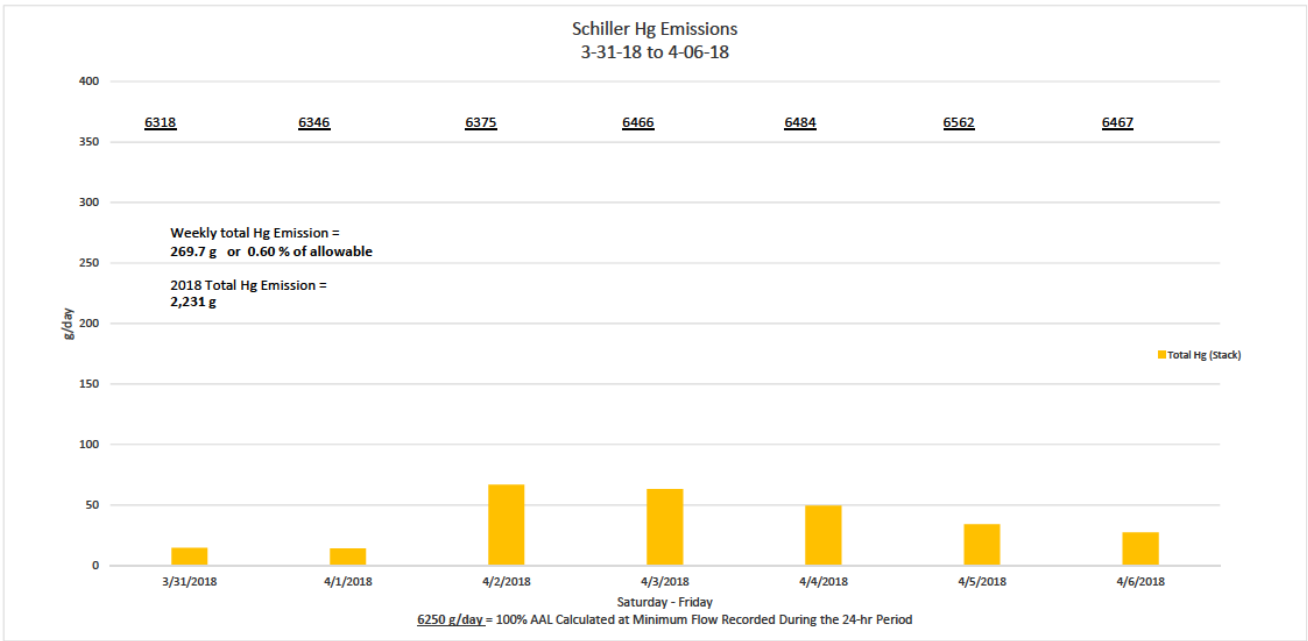

Schiller F-240 #1 Efficiency
Monday 3-26-18
Work Day Efficiency =
24 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

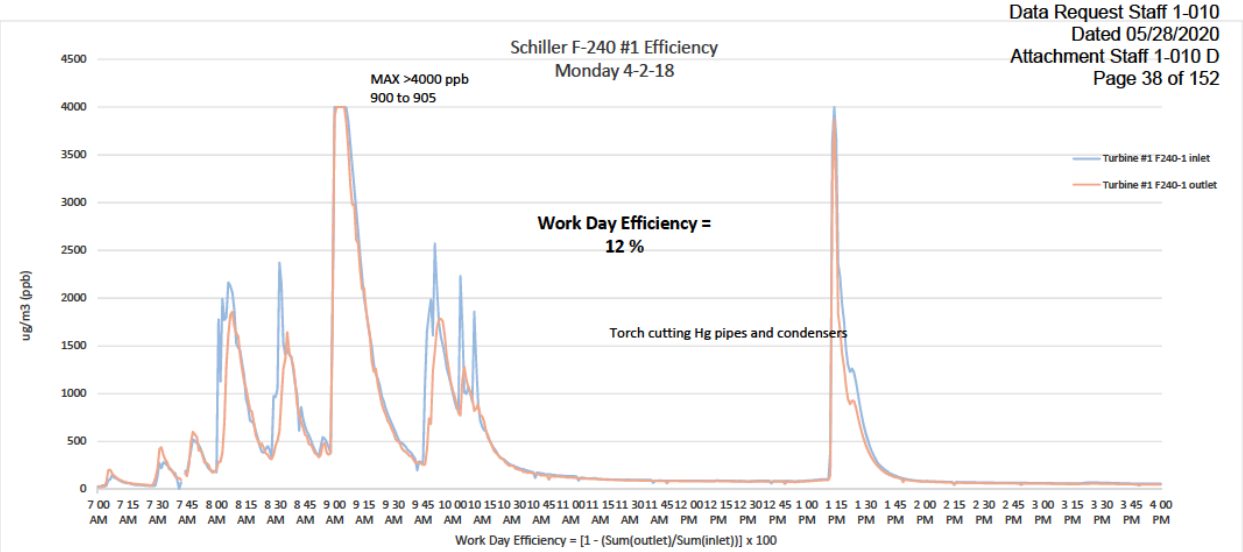

Schiller F-240 #1 Efficiency
Tuesday 3-27-18
Work Day Efficiency =
27 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

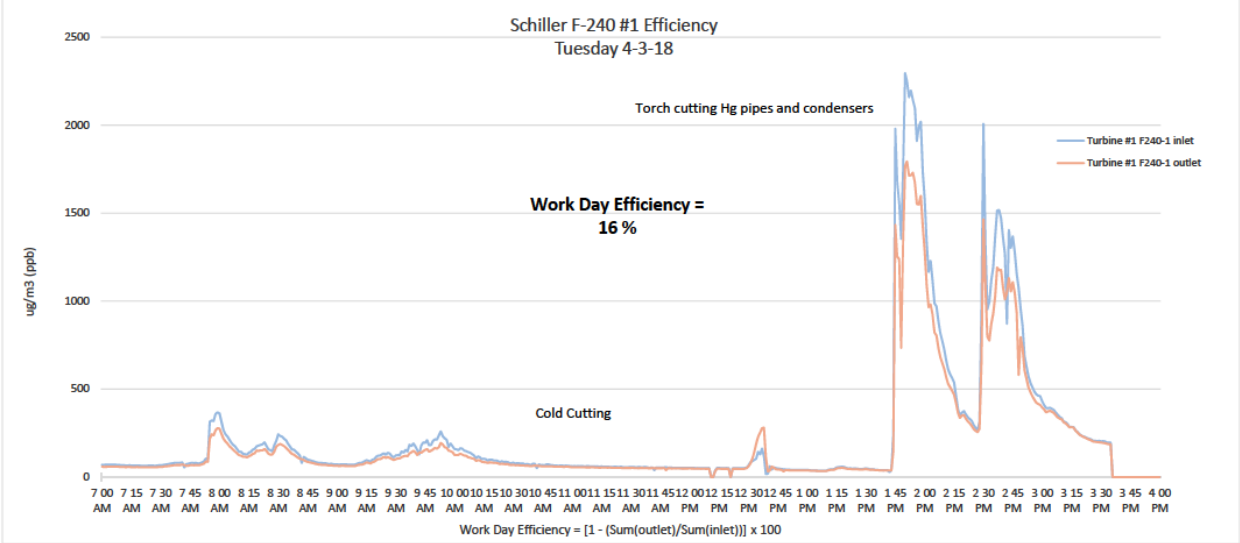

Schiller F-240 #1 Efficiency
Wednesday 3-28-18
Work Day Efficiency =
25 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

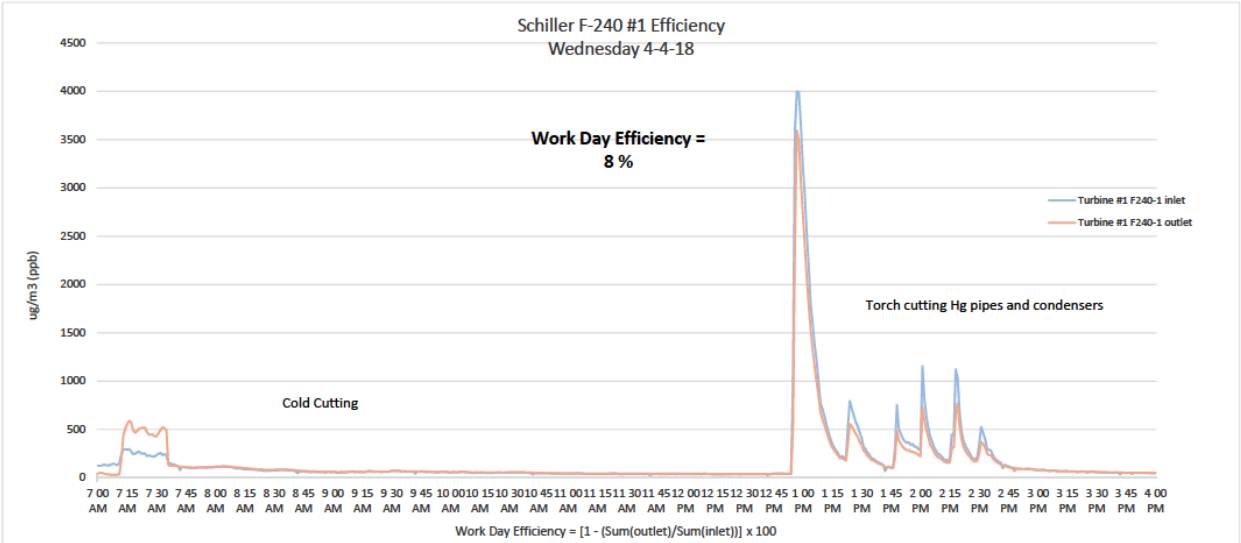

Schiller F-240 #1 Efficiency
Thursday 3-29-18
Work Day Efficiency =
22 %
Torch cutting Hg pipes and condensers
Data System Off-Line
Maintenance
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
900
800
700
600
500
400
300
200
100
0
7 00 AM
7 15 AM
7 30 AM
7 45 AM
8 00 AM
8 15 AM
8 30 AM
8 45 AM
9 00 AM
9 15 AM
9 30 AM
9 45 AM
10 00 AM
10 15 AM
10 30 AM
10 45 AM
11 00 AM
11 15 AM
11 30 AM
11 45 AM
12 00 PM
12 15 PM
12 30 PM
12 45 PM
1 00 PM
1 15 PM
1 30 PM
1 45 PM
2 00 PM
2 15 PM
2 30 PM
2 45 PM
3 00 PM
3 15 PM
3 30 PM
3 45 PM
4 00 PM
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

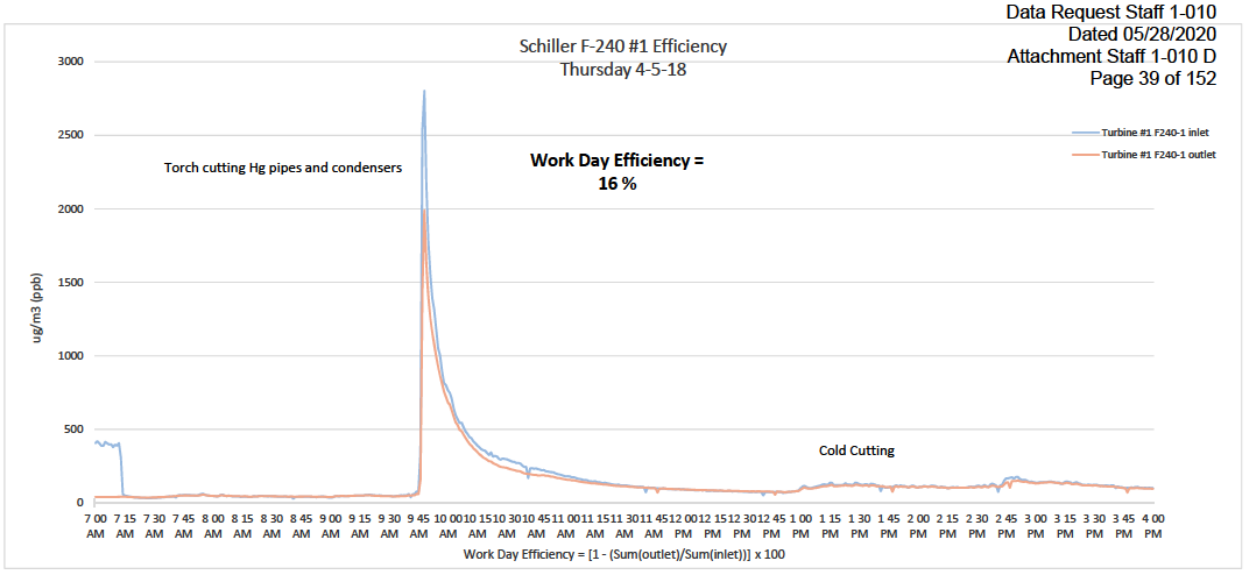

Schiller Hg Emissions
3-31-18 to 4-06-18
B-duct on
B-duct on
Charcoal Change on F-240
B-duct on
B-duct on
B-duct on
Torch cutting Hg pipes
and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
60000
50000
40000
30000
20000
10000
0
12 00 AM 3/31/2018
8 24 AM 3/31/2018
4 48 PM 3/31/2018
1 12 AM 4/1/2018
9 36 AM 4/1/2018
6 00 PM 4/1/2018
2 24 AM 4/2/2018
10 48 AM 4/2/2018
7 12 PM 4/2/2018
3 36 AM 4/3/2018
12 00 PM 4/3/2018
8 24 PM 4/3/2018
4 48 AM 4/4/2018
1 12 PM 4/4/2018
9 36 PM 4/4/2018
6 00 AM 4/5/2018
2 24 PM 4/5/2018
10 48 PM 4/5/2018
7 12 AM 4/6/2018
3 36 PM 4/6/2018
Sunday - Friday

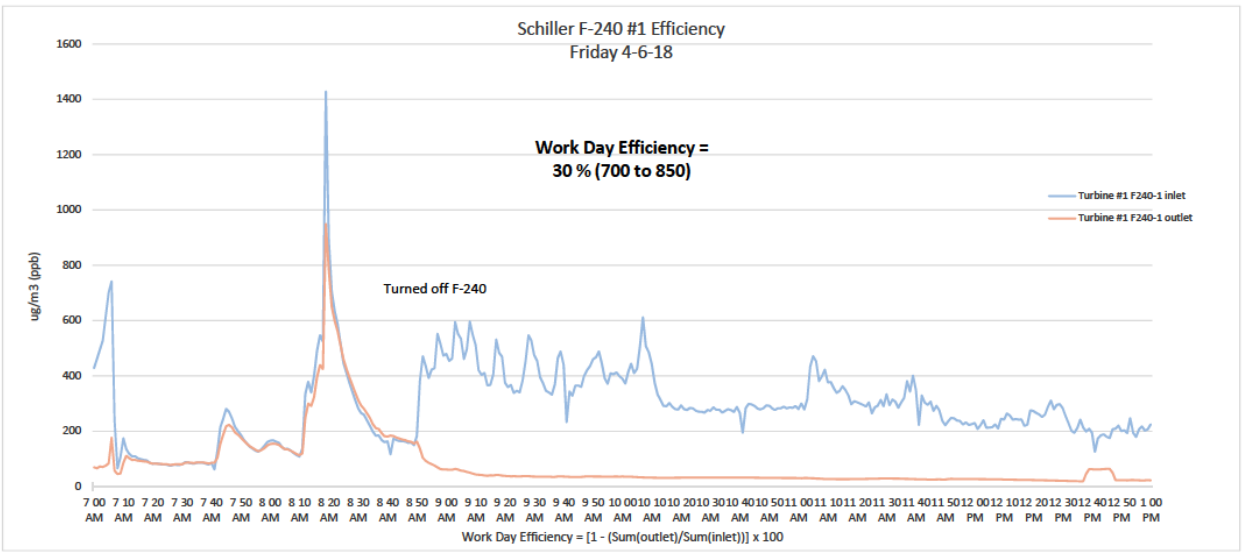

Schiller Hg Emissions
3-31-18 to 4-06-18
6318
6346
6375
6466
6484
6562
6467
Weekly total Hg Emission =
269.7 g or 0.60 % of allowable
2018 Total Hg Emission =
2,231 g
g/day
Total Hg (Stack)
400
350
300
250
200
150
100
50
0
3/31/2018
4/1/2018
4/2/2018
4/3/2018
4/4/2018
4/5/2018
4/6/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

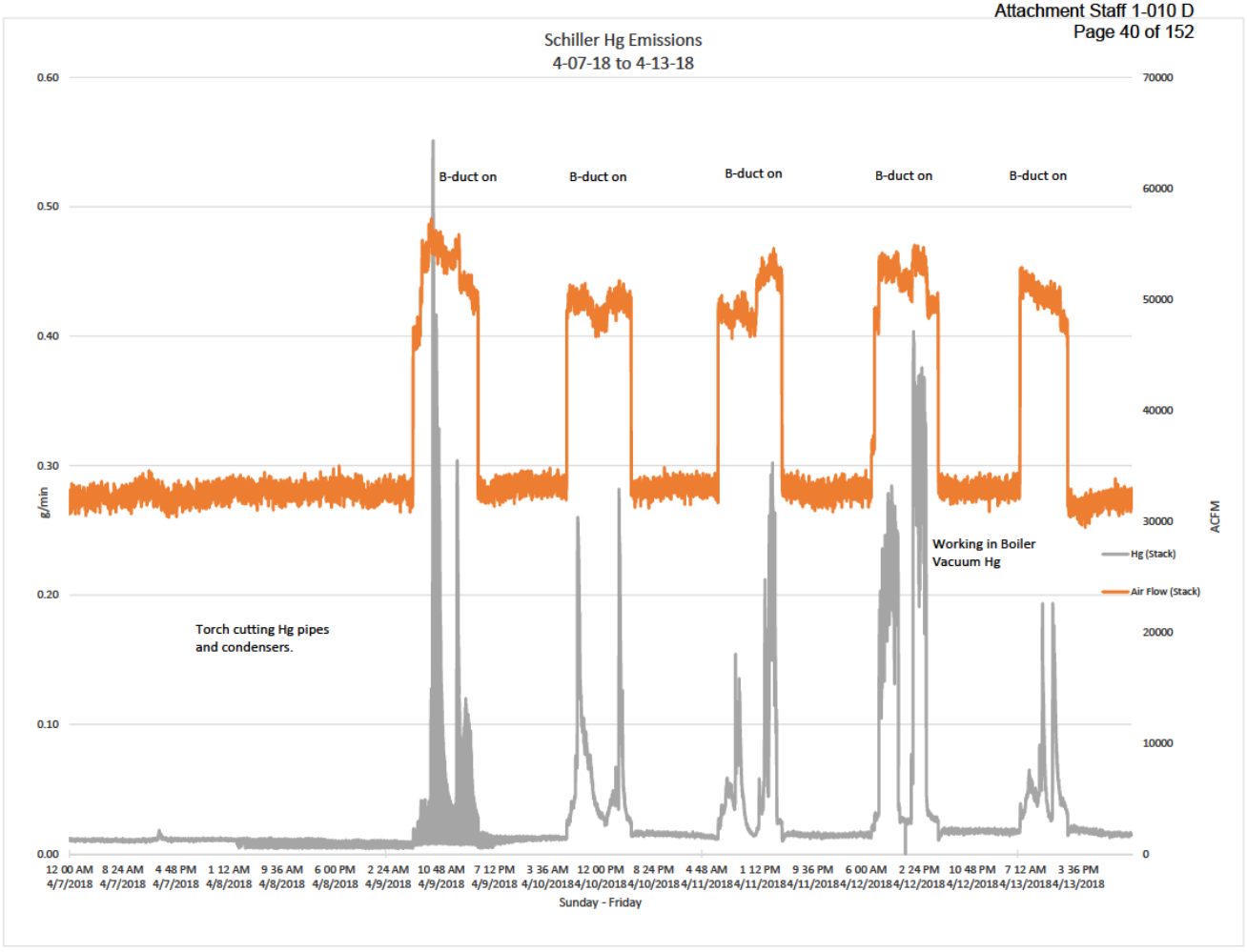

Schiller F-240 #1 Efficiency
Monday 4-2-18
MAX >4000 ppb
900 to 905
Work Day Efficiency =
12 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

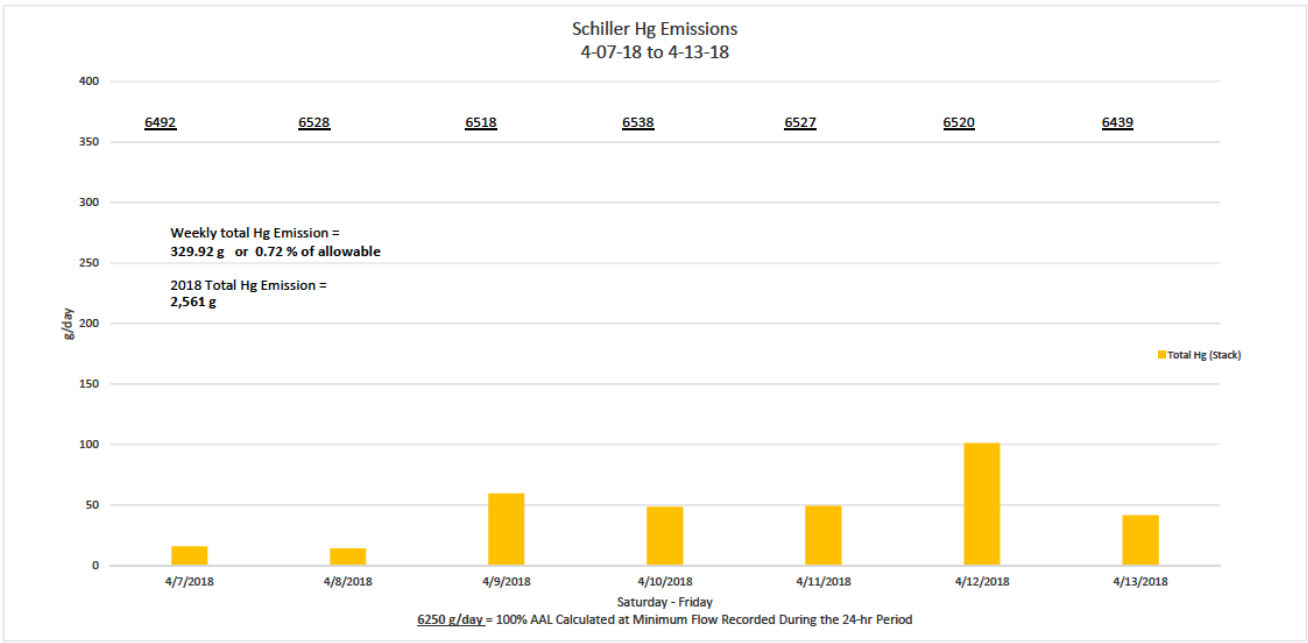

Schiller F-240 #1 Efficiency
Tuesday 4-3-18
Torch cutting Hg pipes and condensers
Work Day Efficiency =
16 %
Cold Cutting
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

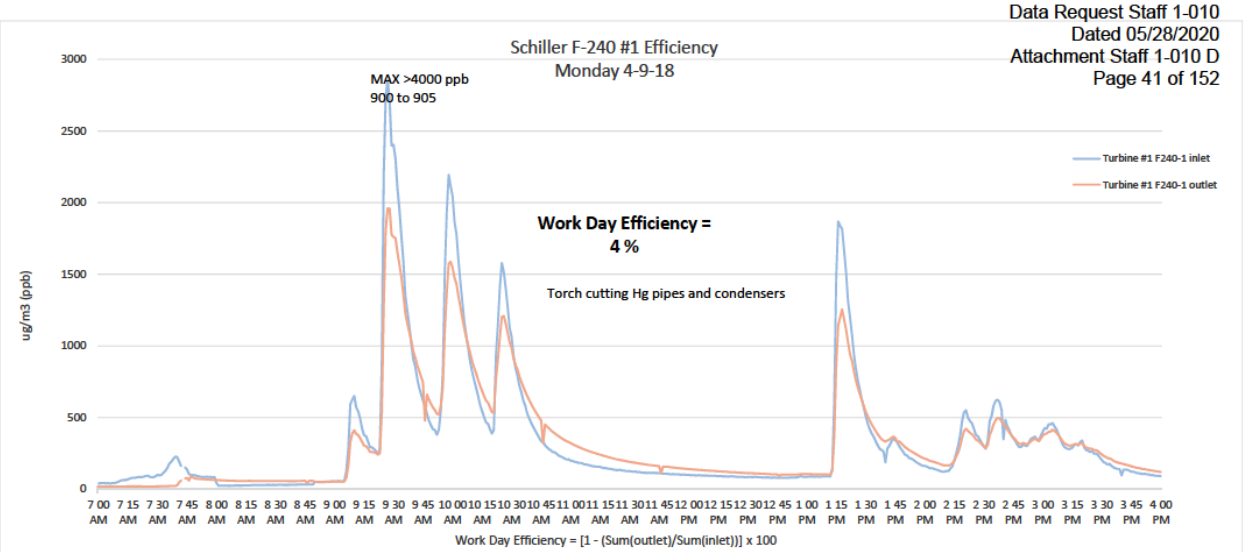

Schiller F-240 #1 Efficiency
Wednesday 4-4-18
Work Day Efficiency =
8 %
Torch cutting Hg pipes and condensers
Cold Cutting
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

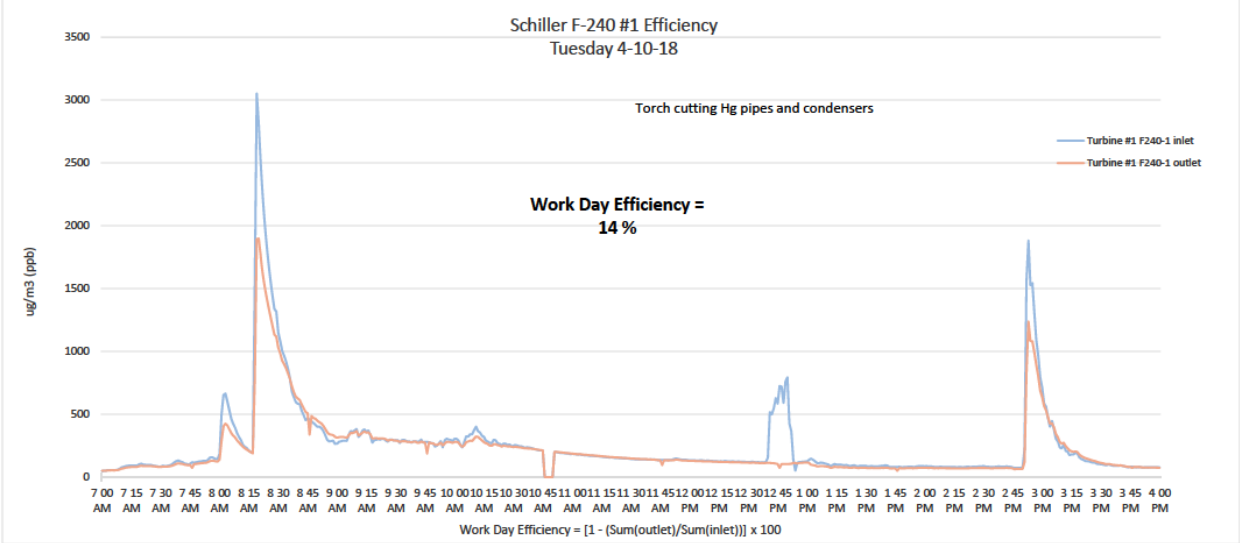

Schiller F-240 #1 Efficiency
Thursday 4-5-18
Torch cutting Hg pipes and condensers
Work Day Efficiency =
16 %
Cold Cutting
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

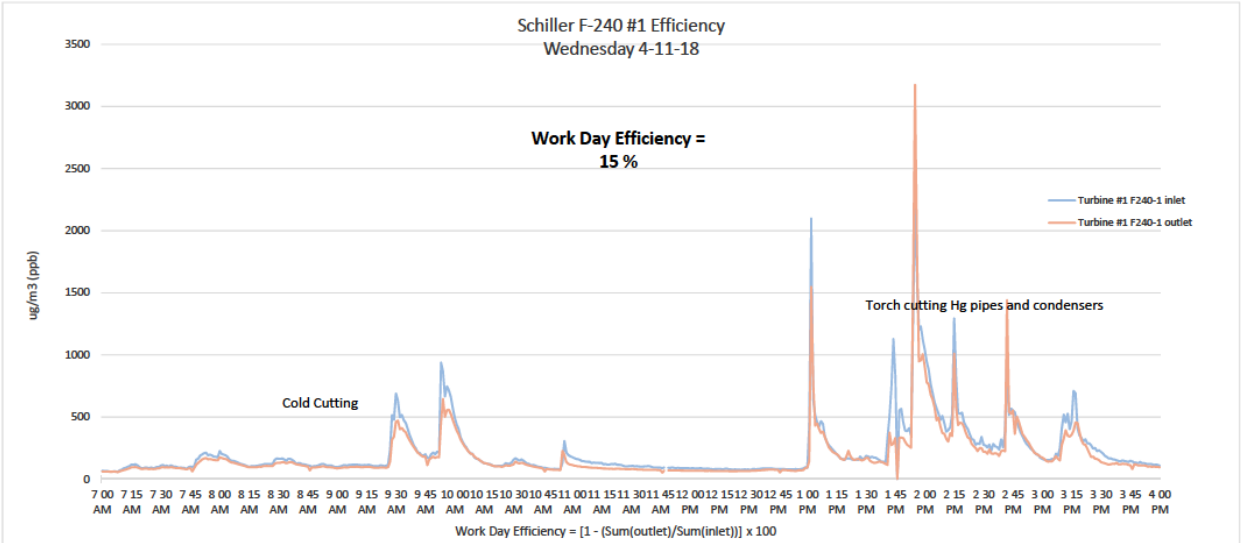

Schiller F-240 #1 Efficiency
Friday 4-6-18
Work Day Efficiency =
30 % (700 to 850)
Turned off F-240
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

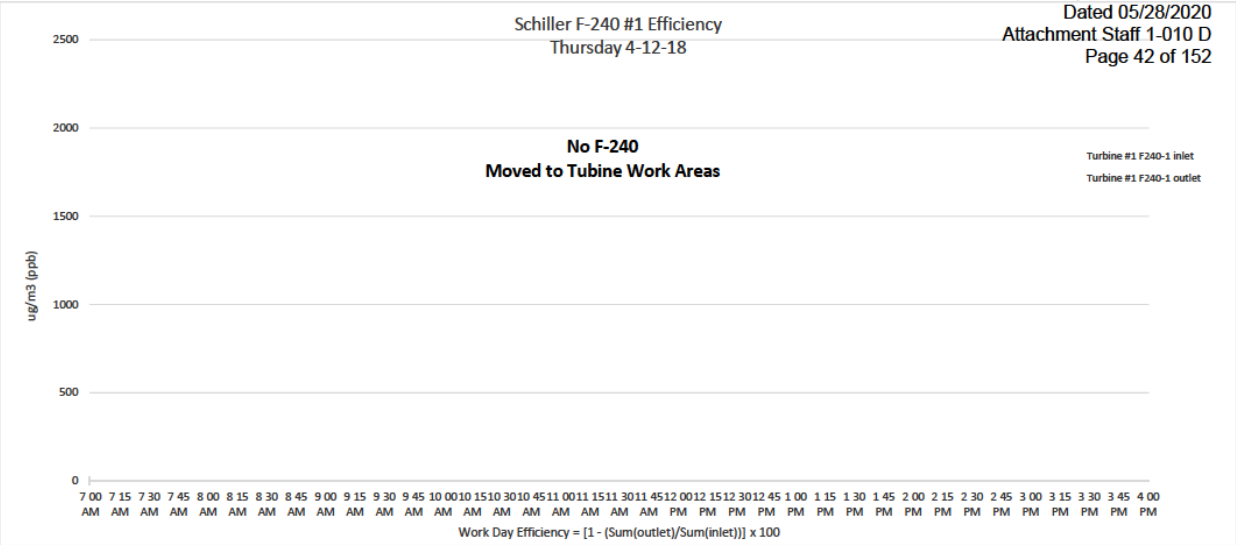

Schiller Hg Emissions
4-07-18 to 4-13-18
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
Working in Boiler
Vacuum Hg
Torch cutting Hg pipes
and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

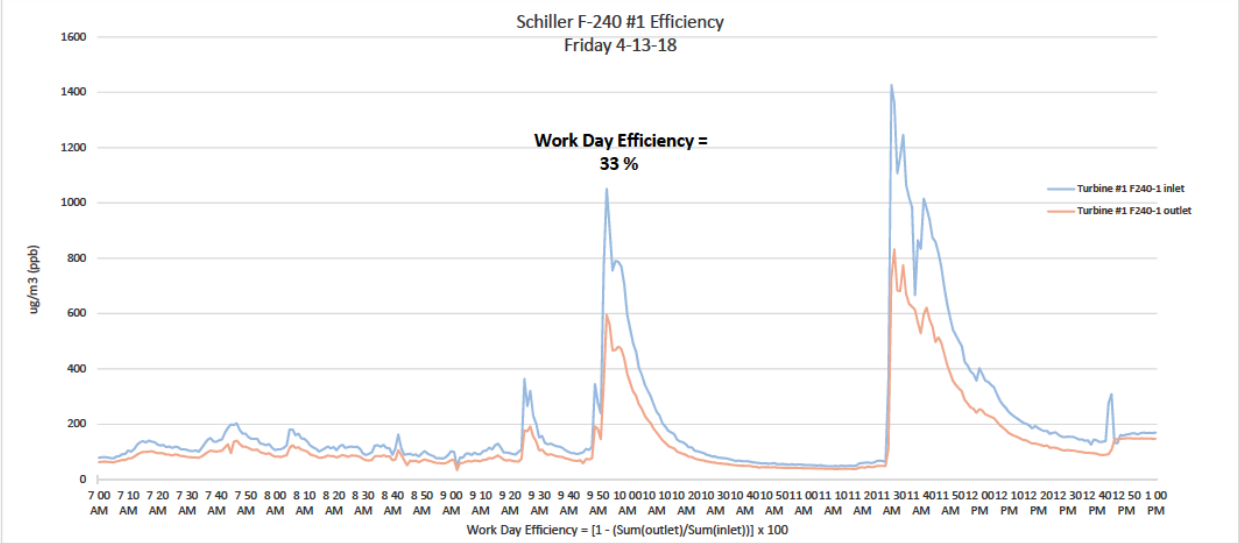

Schiller Hg Emissions
4-07-18 to 4-13-18
6492
6528
6518
6538
6527
6520
6439
Weekly total Hg Emission =
329.92 g or 0.72 % of allowable
2018 Total Hg Emission =
2,561 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

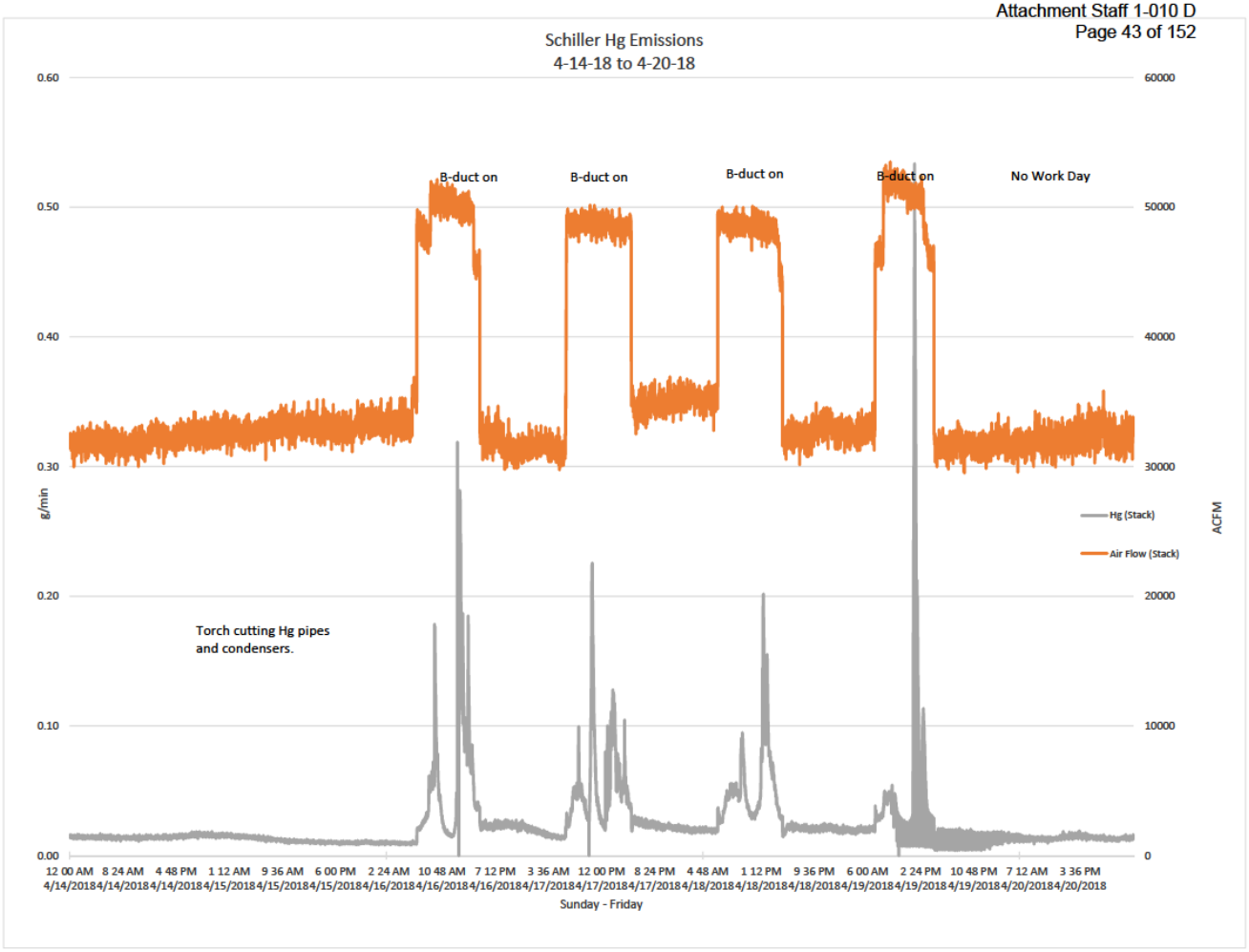

Schiller F-240 #1 Efficiency
Monday 4-9-18
MAX >4000 ppb
900 to 905
Work Day Efficiency =
4 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

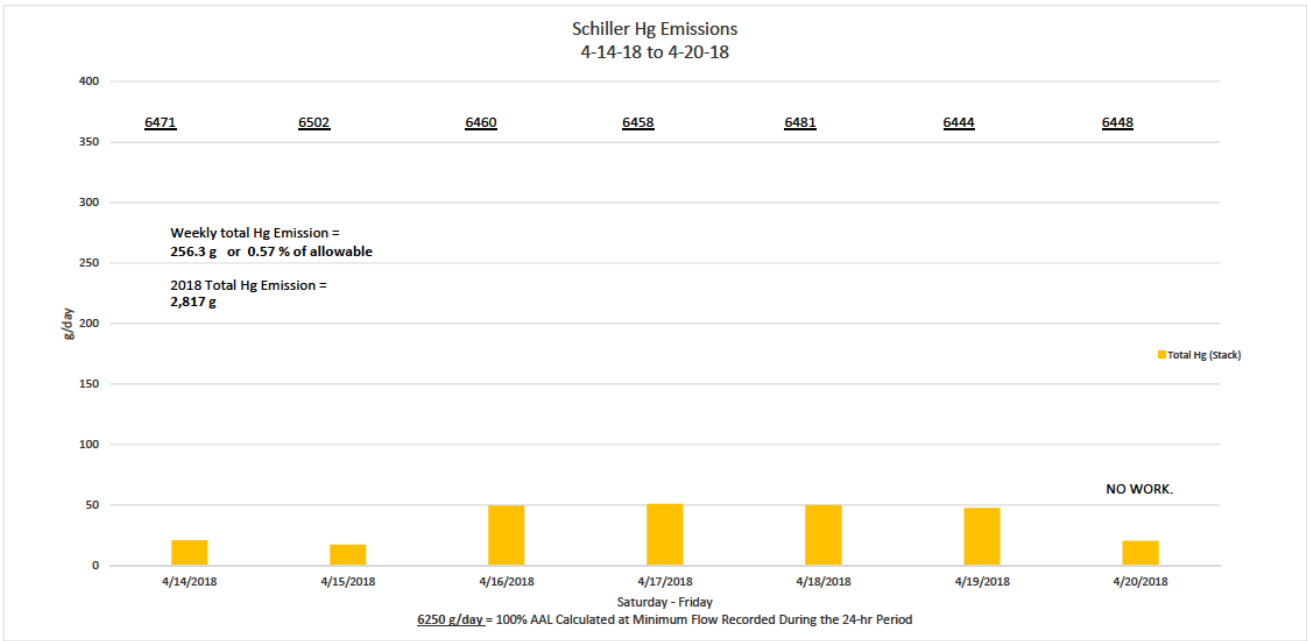

Schiller F-240 #1 Efficiency
Tuesday 4-10-18
Torch cutting Hg pipes and condensers
Work Day Efficiency =
14 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

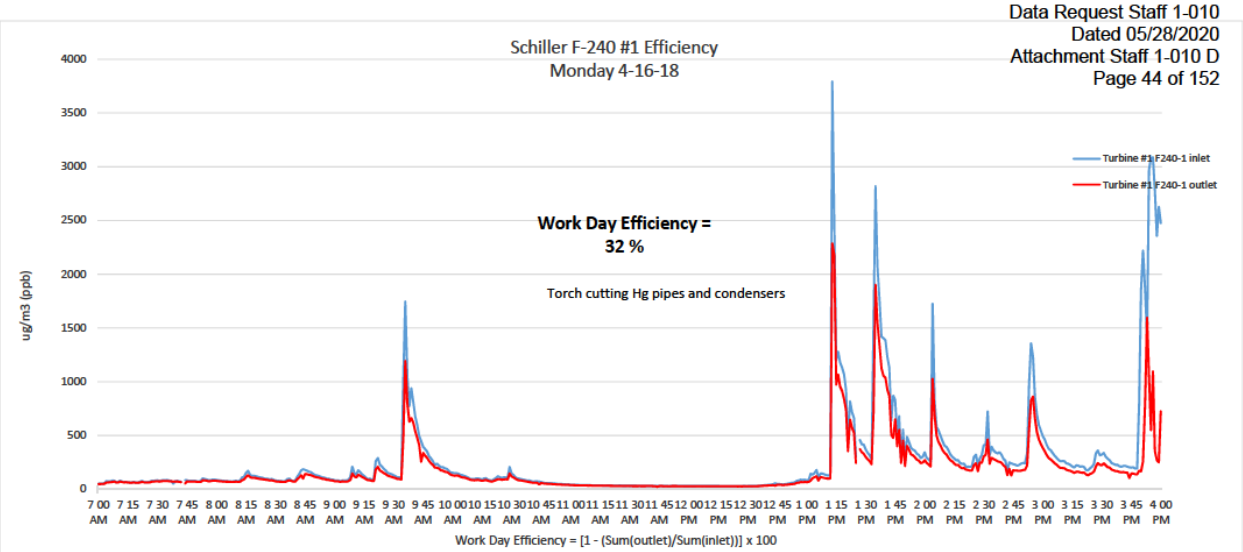

Schiller F-240 #1 Efficiency
Wednesday 4-11-18
Work Day Efficiency =
15 %
Cold Cutting
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

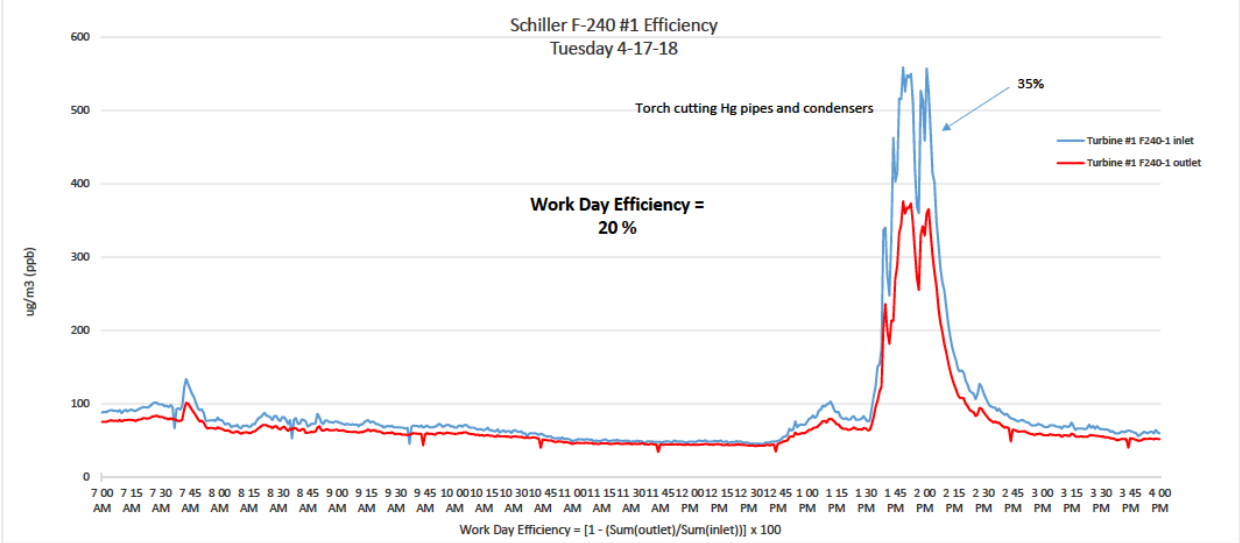

Schiller F-240 #1 Efficiency
Thursday 4-12-18
No F-240
Moved to Tubine Work Areas
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

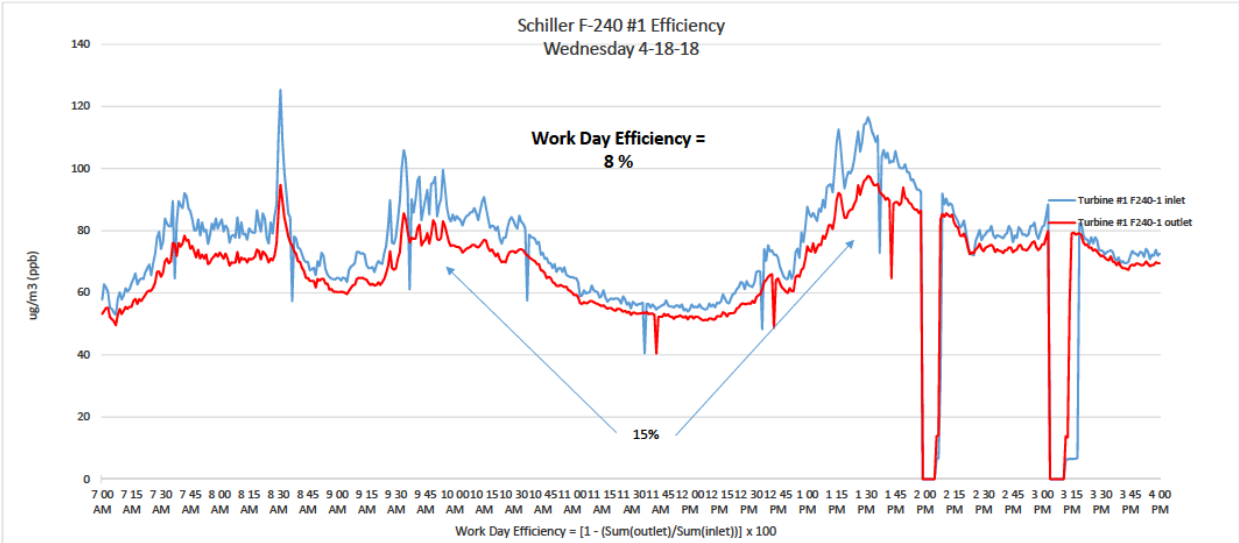

Schiller F-240 #1 Efficiency
Friday 4-13-18
Work Day Efficiency =
33 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

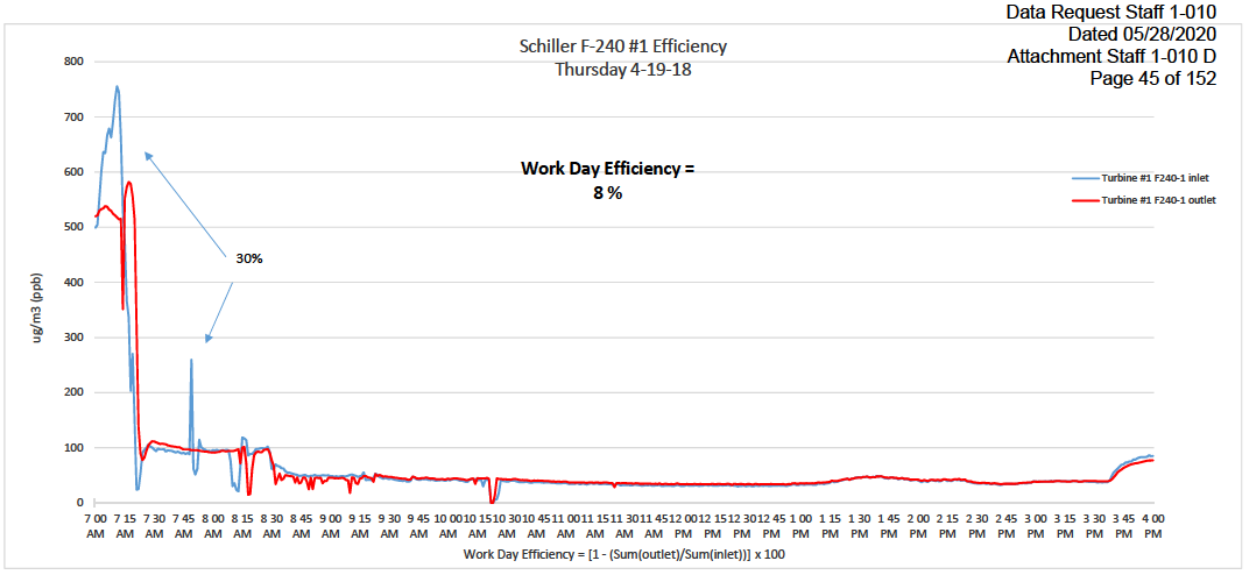

Schiller Hg Emissions
4-14-18 to 4-20-18
B-duct on
B-duct on
B-duct on
B-duct on
No Work Day
Torch cutting Hg pipes
and condensers.
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
60000
50000
40000
30000
20000
10000
0
12 00 AM 4/14/2018
8 24 AM 4/14/2018
4 48 PM 4/14/2018
1 12 AM 4/15/2018
9 36 AM 4/15/2018
6 00 PM 4/15/2018
2 24 AM 4/16/2018
10 48 AM 4/16/2018
7 12 PM 4/16/2018
3 36 AM 4/17/2018
12 00 PM 4/17/2018
8 24 PM 4/17/2018
4 48 AM 4/18/2018
1 12 PM 4/18/2018
9 36 PM 4/18/2018
6 00 AM 4/19/2018
2 24 PM 4/19/2018
10 48 PM 4/19/2018
7 12 AM 4/20/2018
3 36 PM 4/20/2018
Sunday - Friday

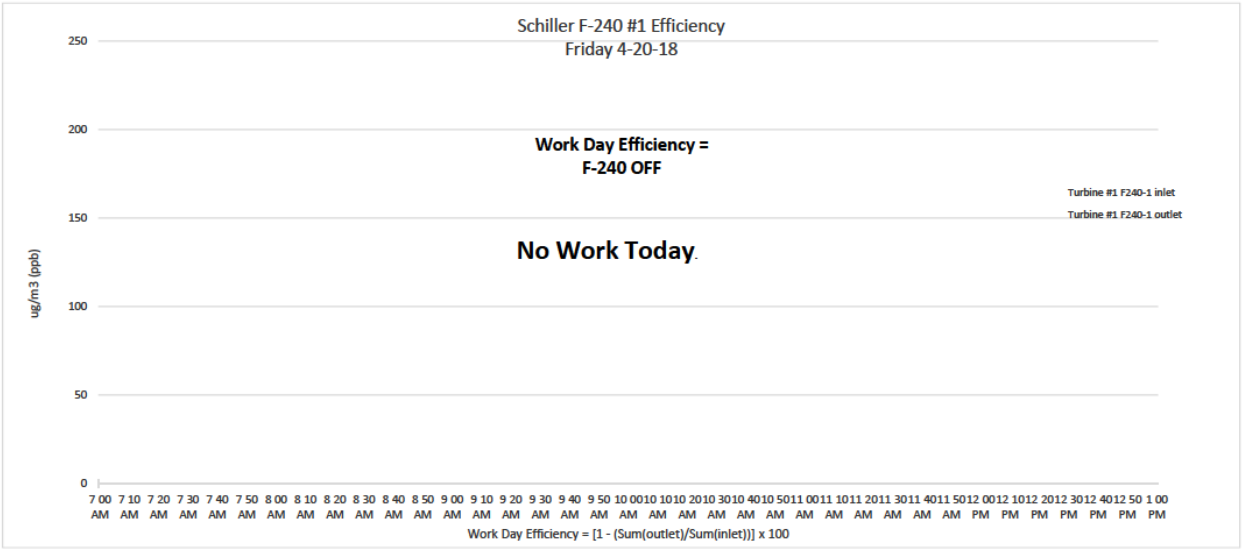

Schiller Hg Emissions
4-14-18 to 4-20-18
6471
6502
6460
6458
6481
6444
6448
Weekly total Hg Emission =
256.3 g or 0.57 % of allowable
2018 Total Hg Emission =
2,817 g
g/day
Total Hg (Stack)
NO WORK.
400
350
300
250
200
150
100
50
0
4/14/2018
4/15/2018
4/16/2018
4/17/2018
4/18/2018
4/19/2018
4/20/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

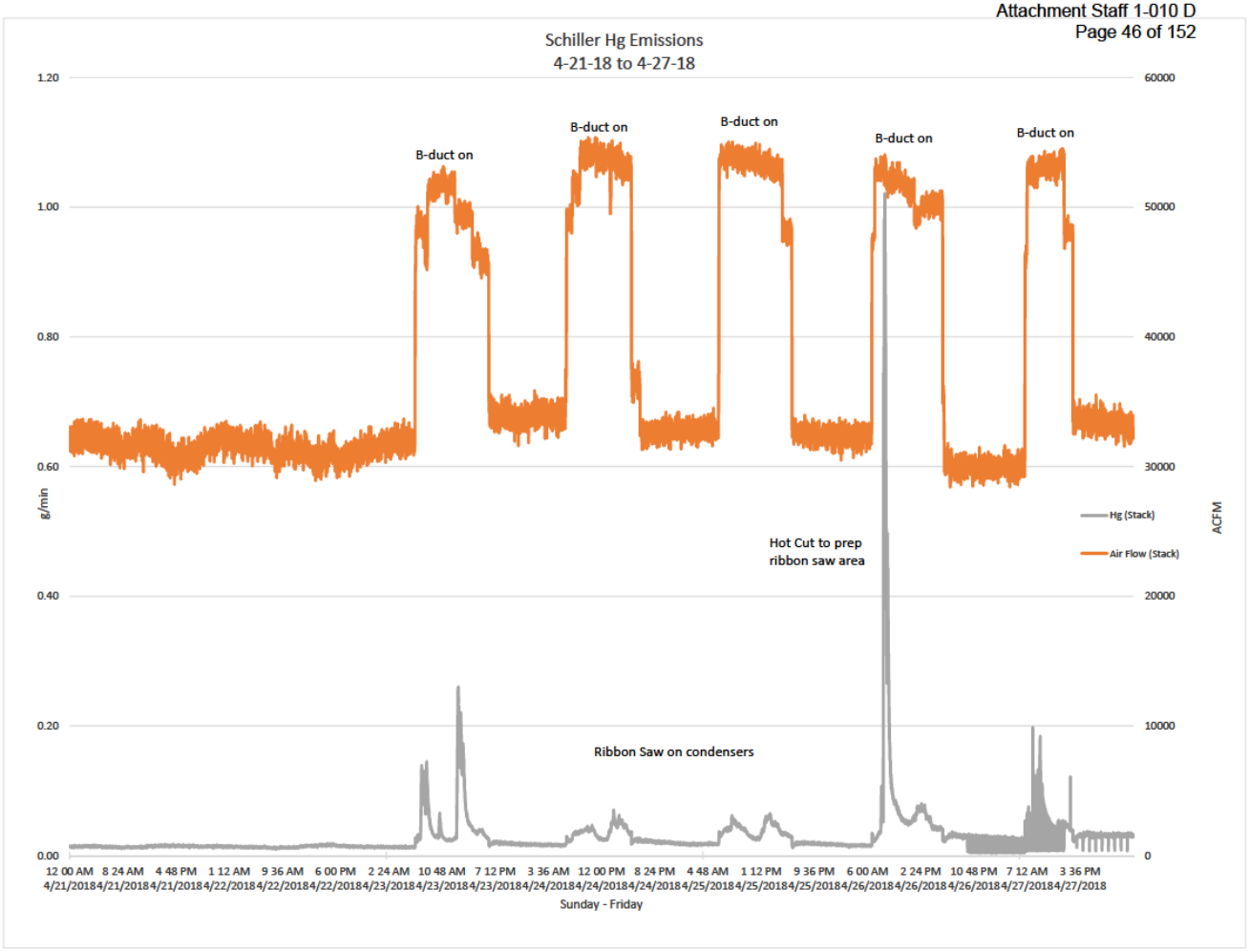

Schiller F-240 #1 Efficiency
Monday 4-16-18
Work Day Efficiency =
32 %
Torch cutting Hg pipes and condensers
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

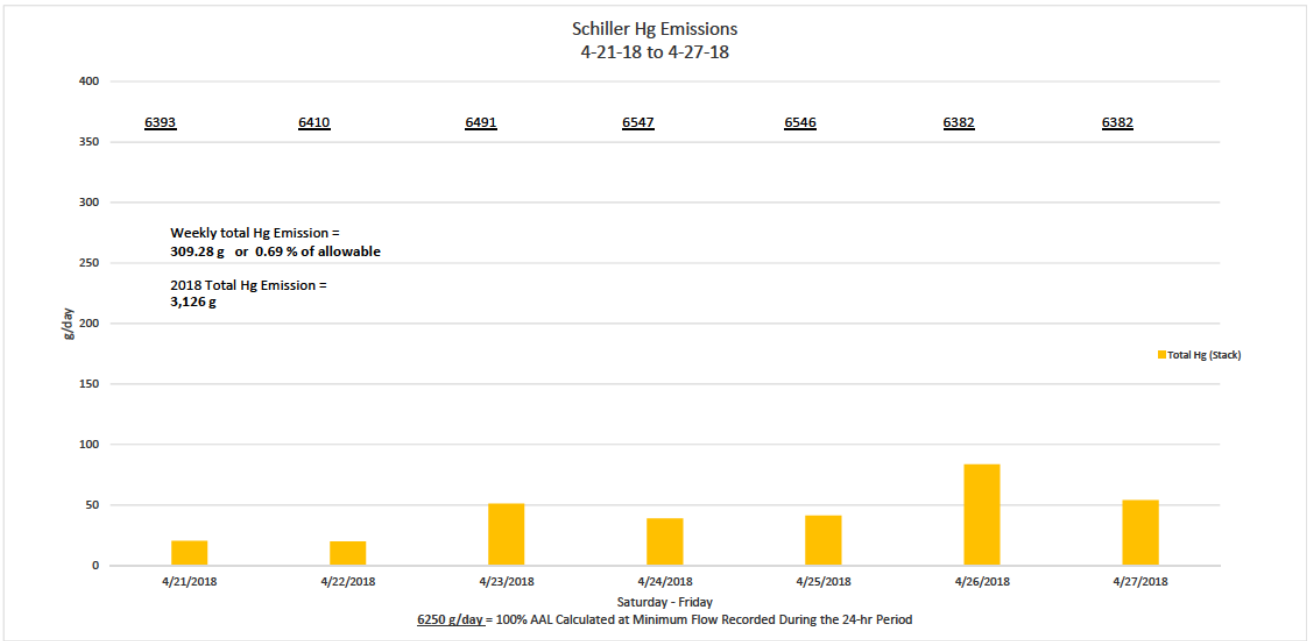

Schiller F-240 #1 Efficiency
Tuesday 4-17-18
Torch cutting Hg pipes and condensers
35%
Work Day Efficiency =
20 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

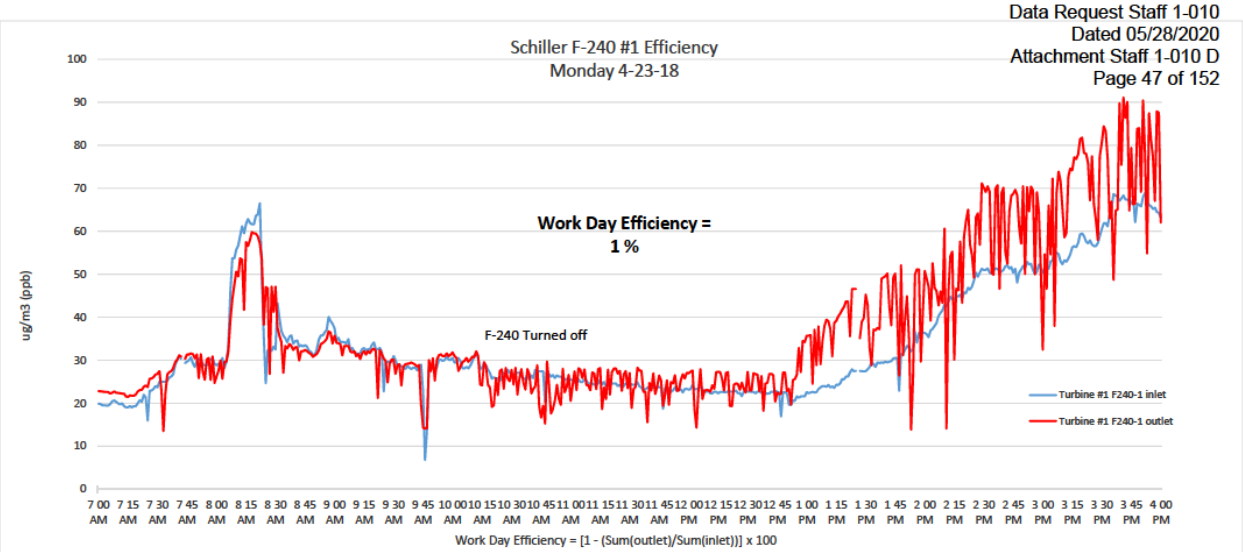

Schiller F-240 #1 Efficiency
Wednesday 4-18-18
Work Day Efficiency =
8 %
15%
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

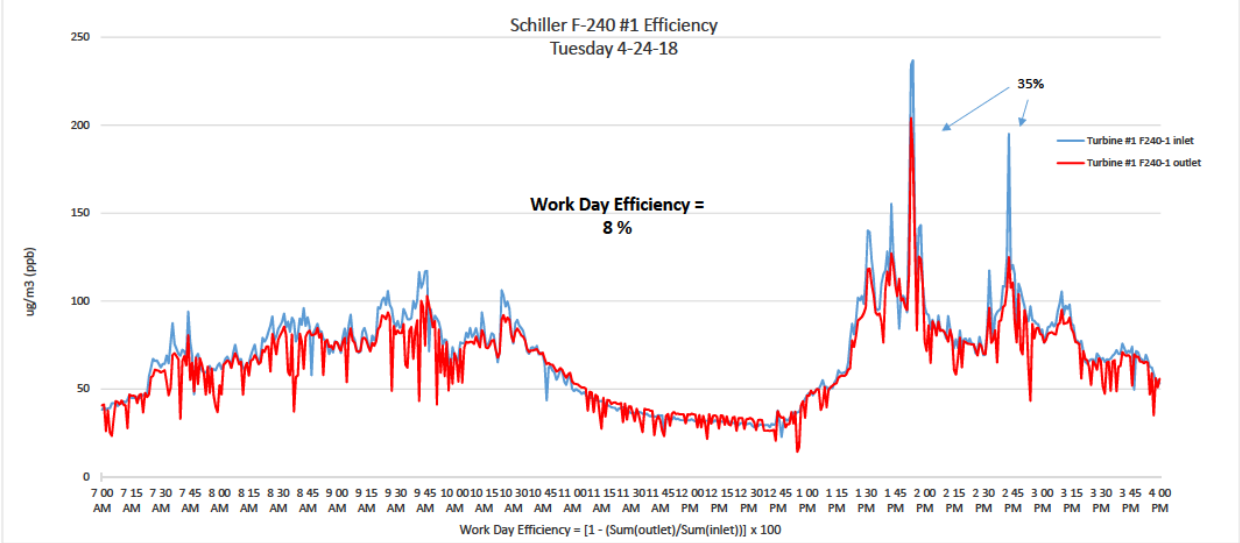

Schiller F-240 #1 Efficiency
Thursday 4-19-18
Work Day Efficiency =
8 %
30%
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

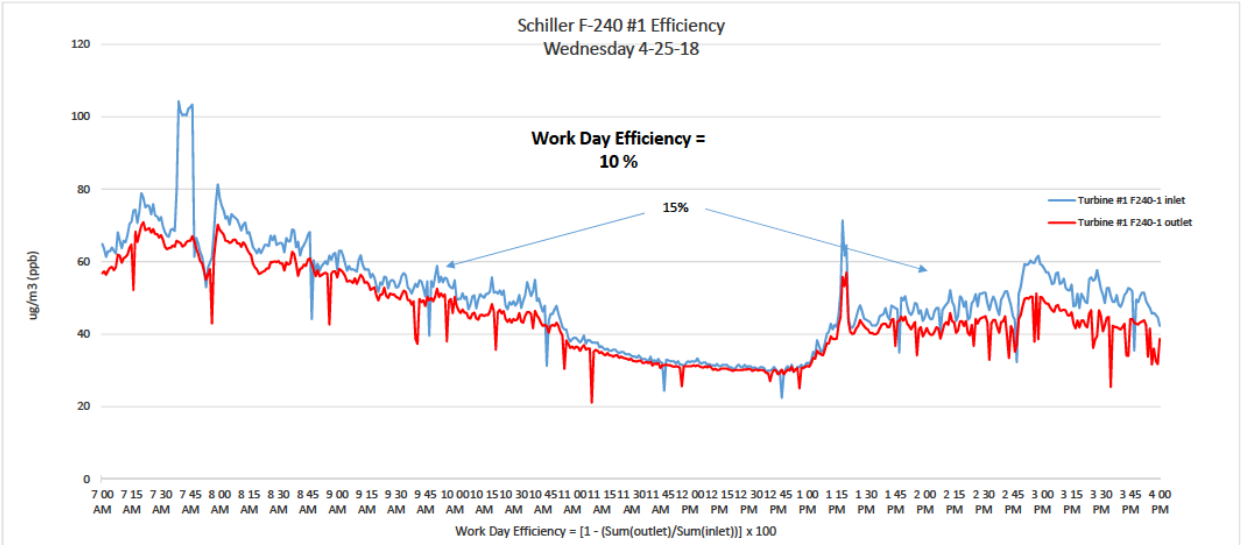

Schiller F-240 #1 Efficiency
Friday 4-20-18
Work Day Efficiency =
F-240 OFF
No Work Today.
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

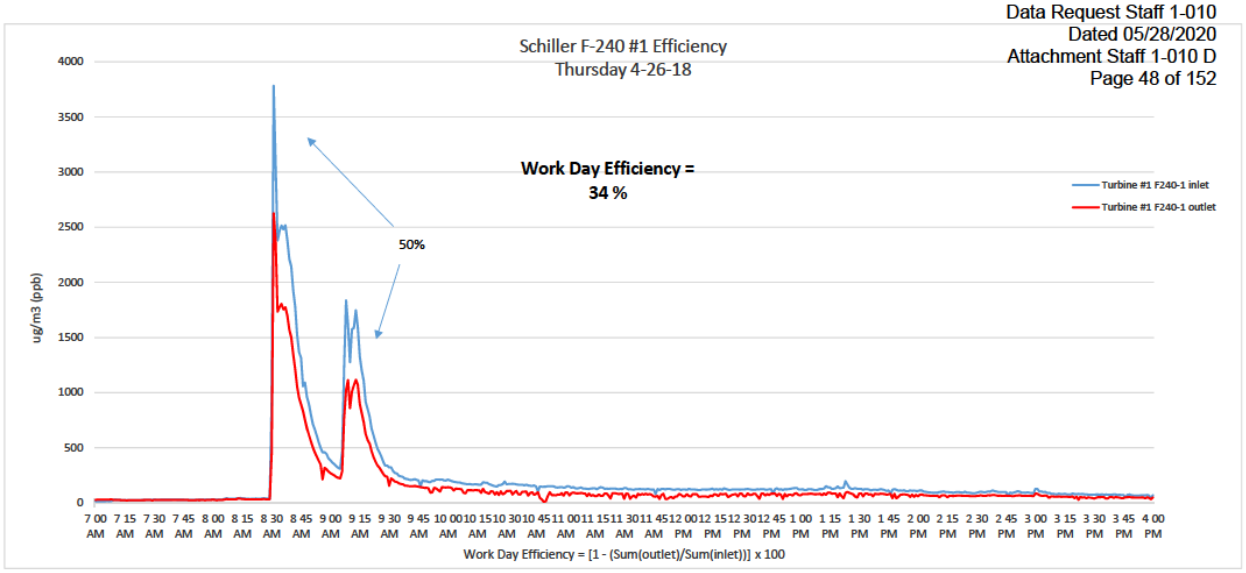

Schiller Hg Emissions
4-21-18 to 4-27-18
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
Hot Cut to prep ribbon saw area
Ribbon Saw on condensers
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

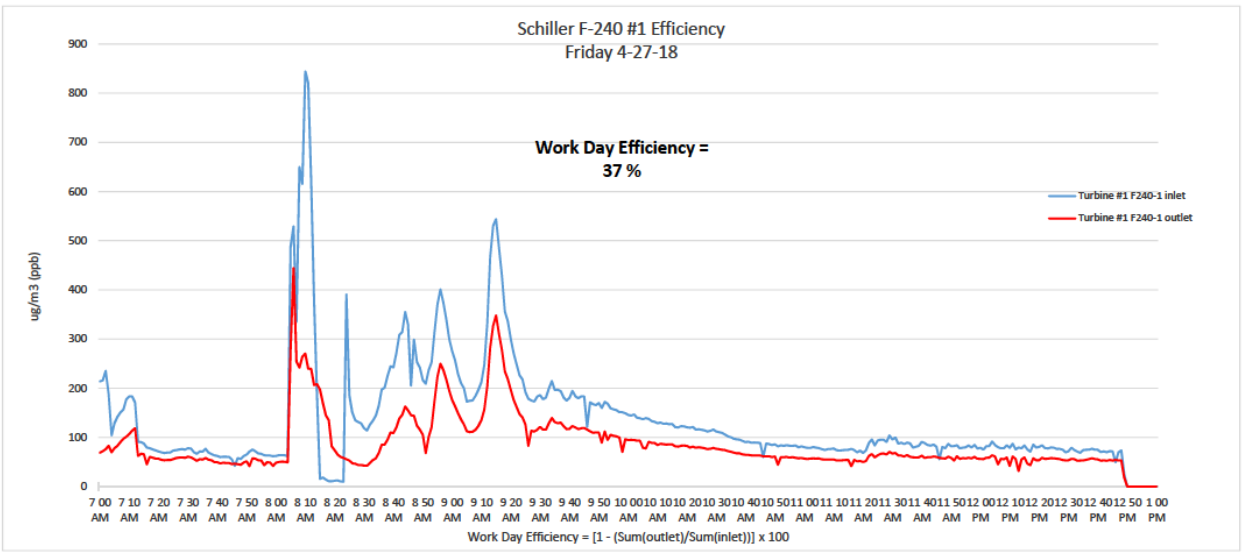

Schiller Hg Emissions
4-21-18 to 4-27-18
6393
6410
6491
6547
6546
6382
6382
Weekly total Hg Emission =
309.28 g or 0.69 % of allowable
2018 Total Hg Emission =
3,126 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

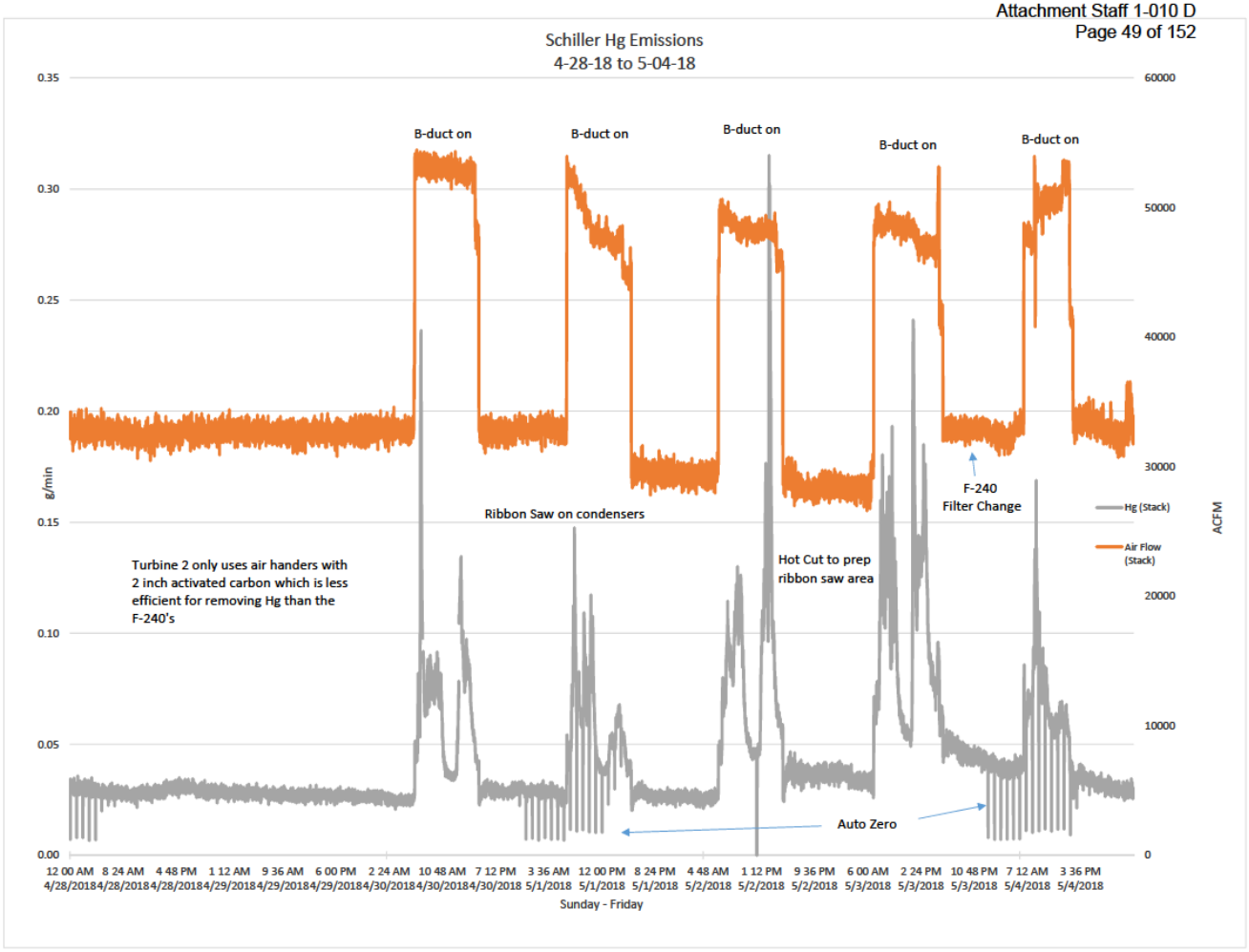

Schiller F-240 #1 Efficiency
Monday 4-23-18
Work Day Efficiency =
1 %
F-240 Turned off
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

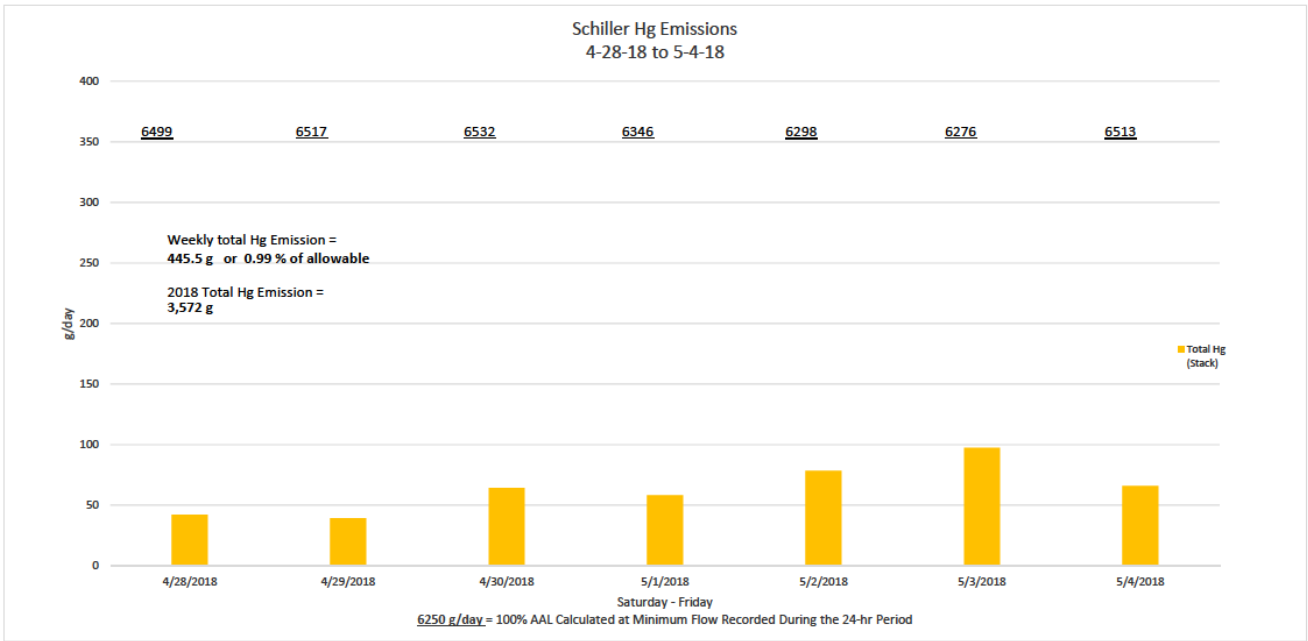

Schiller F-240 #1 Efficiency
Tuesday 4-24-18
35%
Work Day Efficiency =
8 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

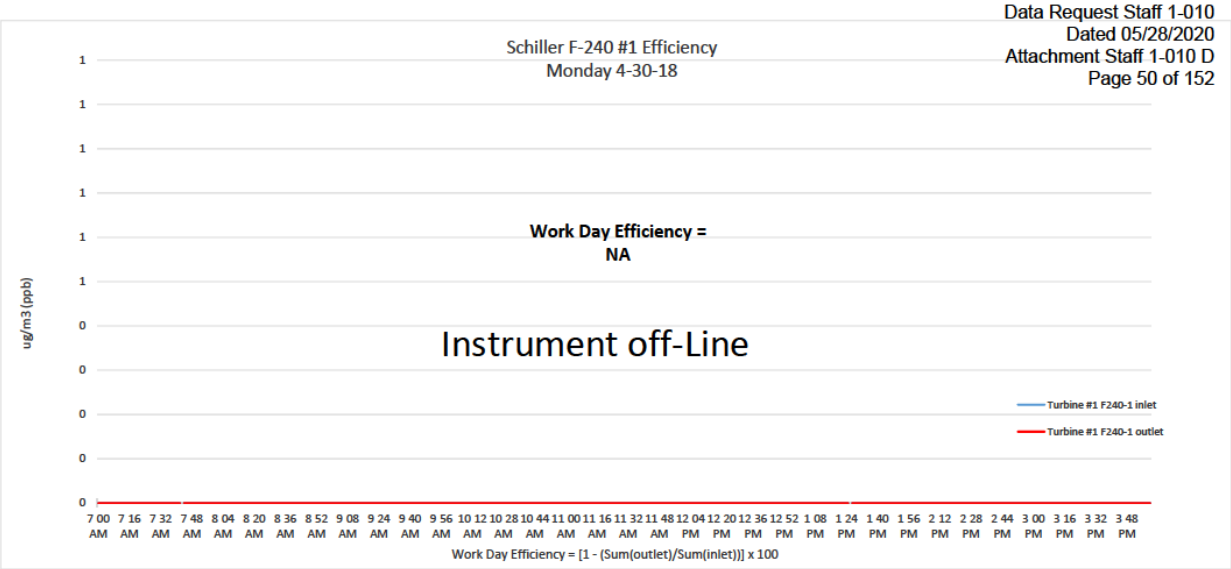

Schiller F-240 #1 Efficiency
Wednesday 4-25-18
Work Day Efficiency =
10 %
15%
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

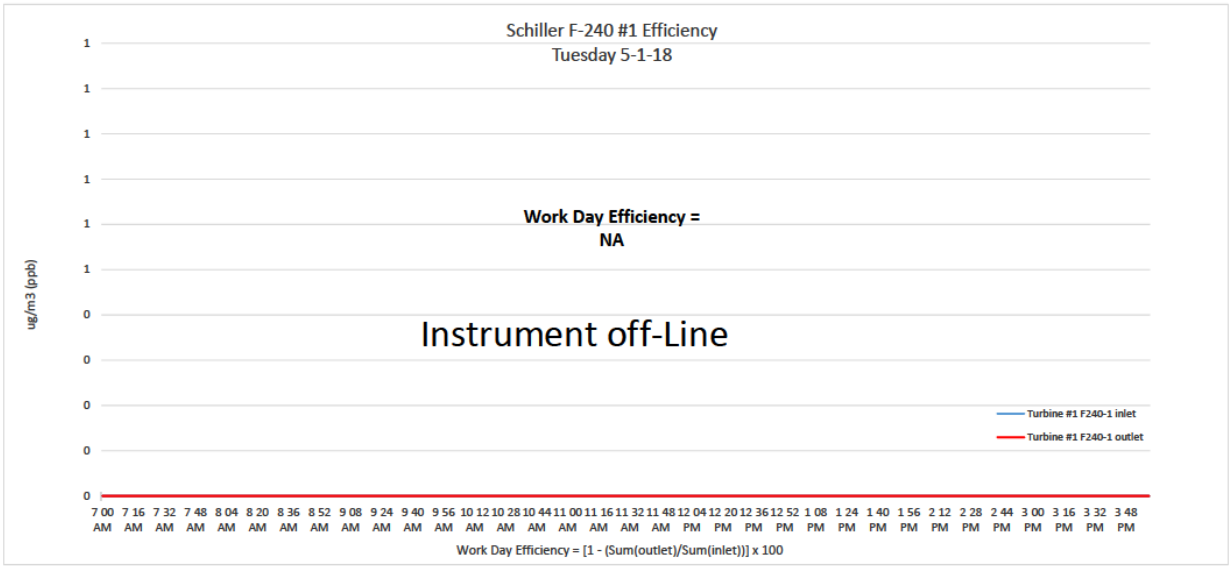

Schiller F-240 #1 Efficiency
Thursday 4-26-18
Work Day Efficiency =
34 %
50%
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

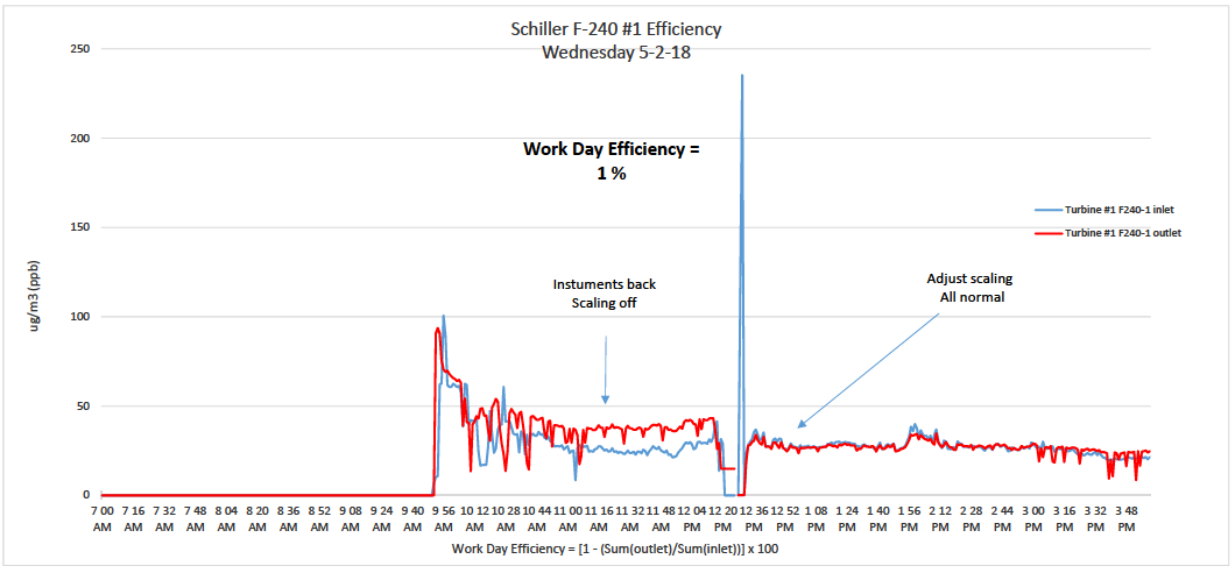

Schiller F-240 #1 Efficiency
Friday 4-27-18
Work Day Efficiency =
37 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

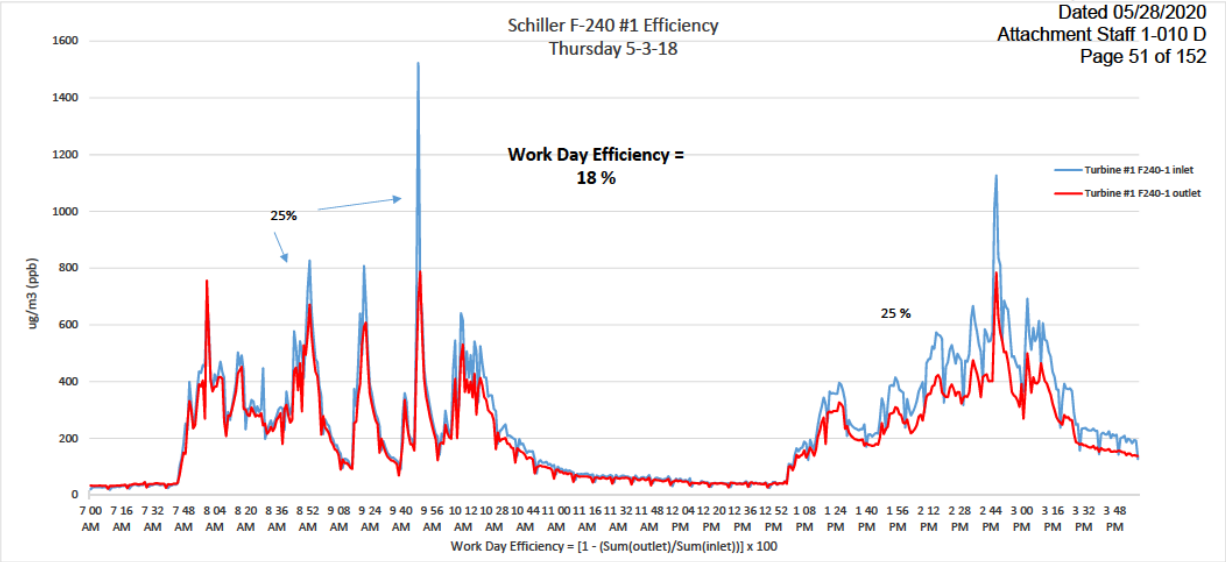

Schiller Hg Emissions
4-28-18 to 5-04-18
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
F-240
Filter Change
Ribbon Saw on condensers
Hot Cut to prep
ribbon saw area
Turbine 2 only uses air handers with
2 inch activated carbon which is less
efficient for removing Hg than the
F-240's
Auto Zero
g/min
ACFM
Hg (Stack)
Air Flow
(Stack)
Sunday - Friday

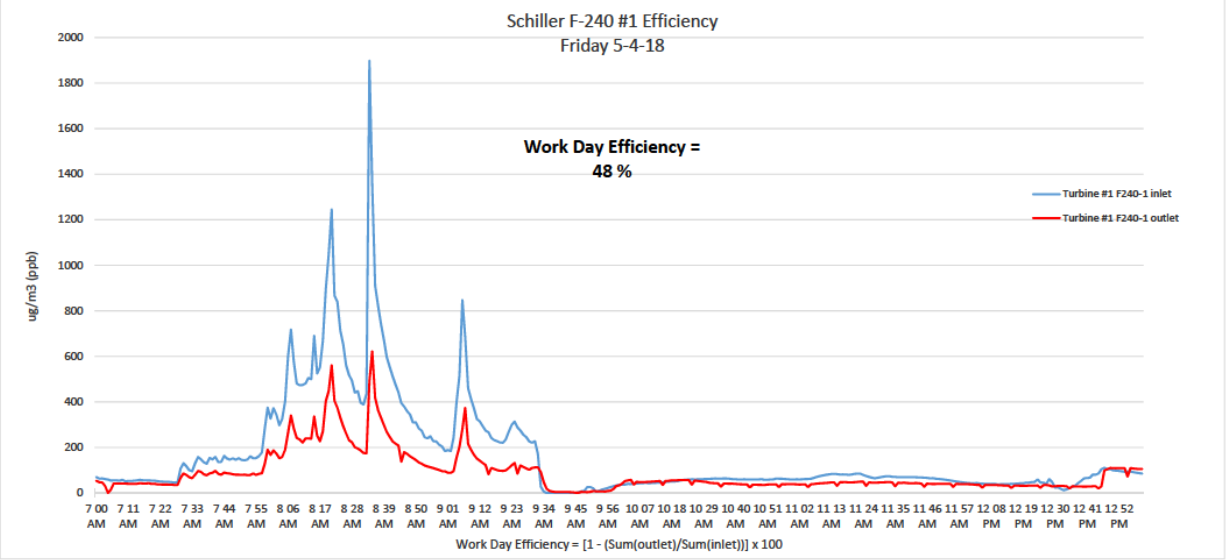

Schiller Hg Emissions
4-28-18 to 5-4-18
6499
6517
6532
6346
6298
6276
6513
Weekly total Hg Emission =
445.5 g or 0.99 % of allowable
2018 Total Hg Emission =
3,572 g
g/day
Total Hg
(Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

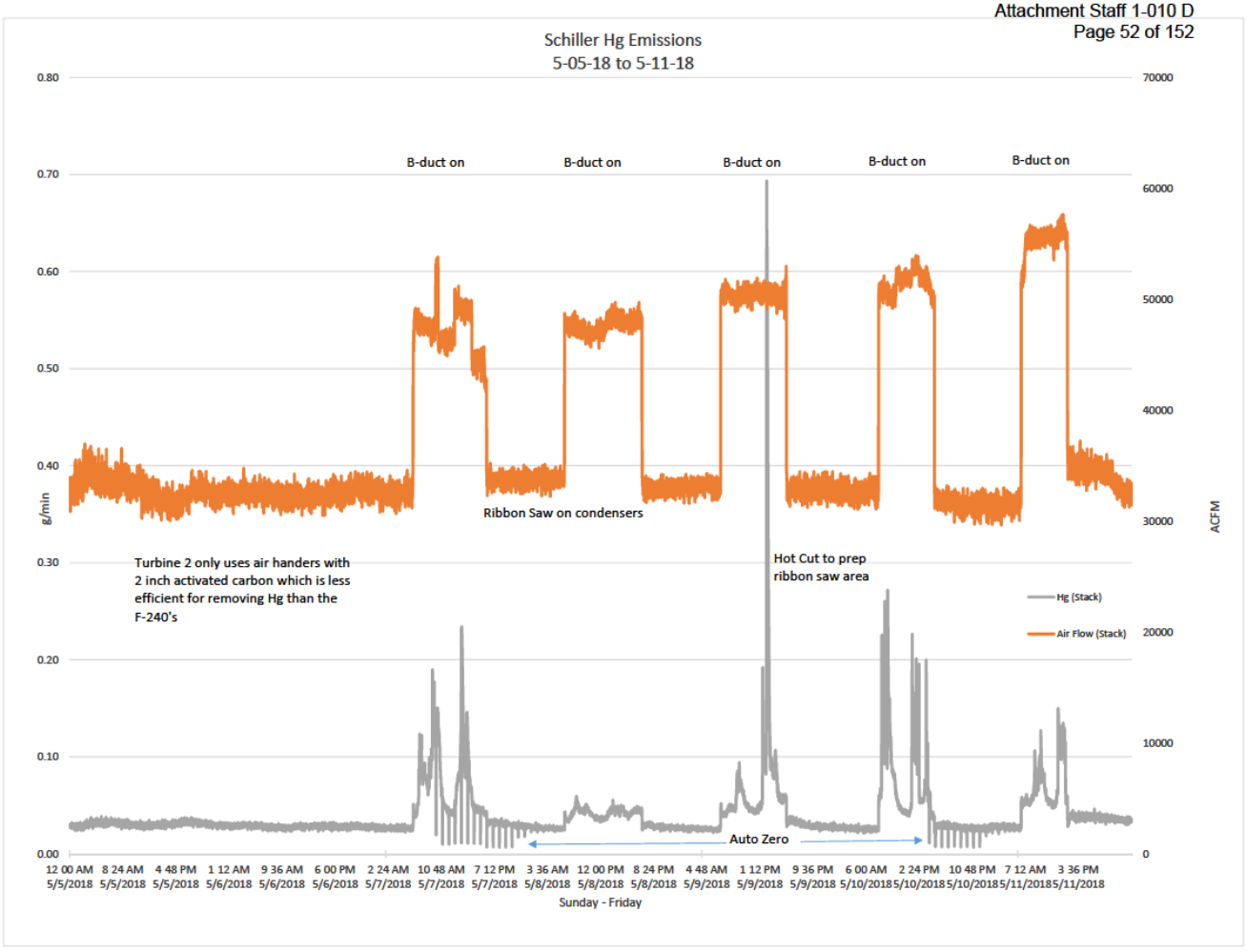

Schiller F-240 #1 Efficiency
Monday 4-30-18
Work Day Efficiency =
NA
Instrument off-Line
ug/m3 (ppb)
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

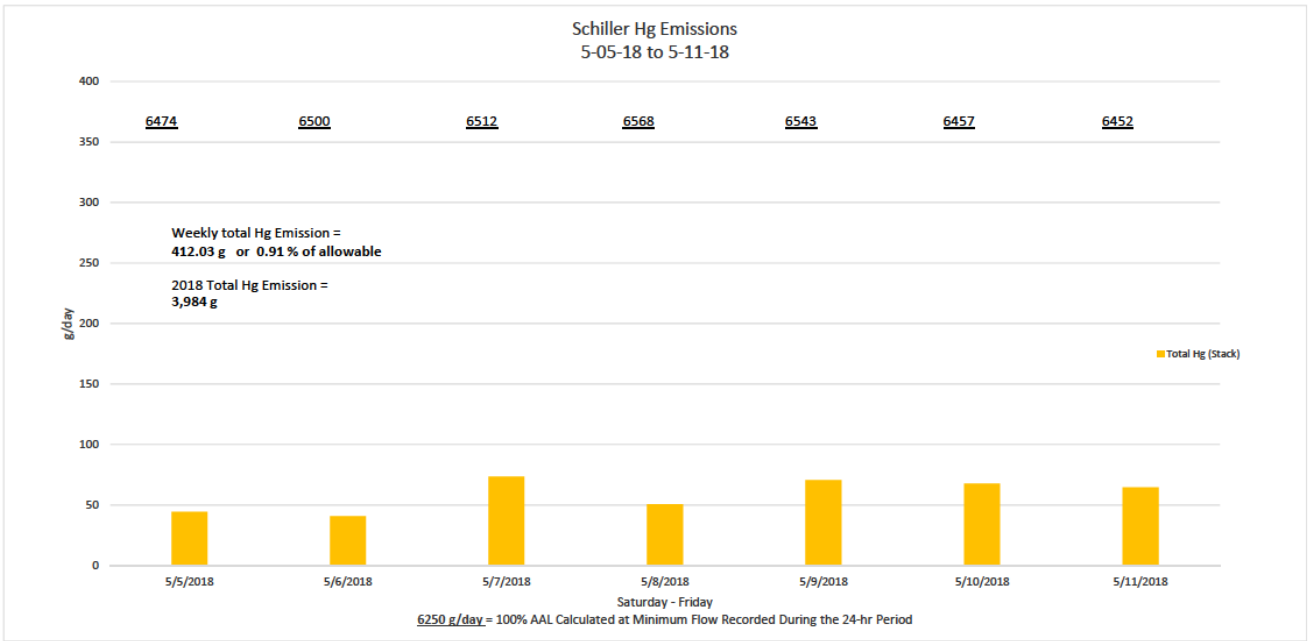

Schiller F-240 #1 Efficiency
Tuesday 5-1-18
Work Day Efficiency =
NA
Instrument off-Line
ug/m3 (ppb)
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

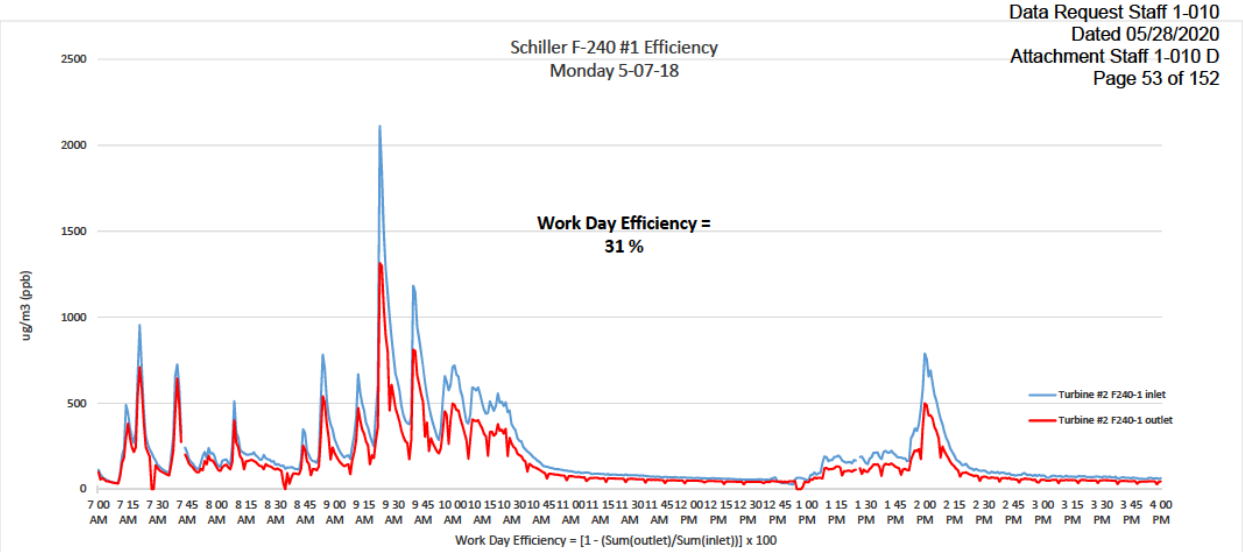

Schiller F-240 #1 Efficiency
Wednesday 5-2-18
Work Day Efficiency =
1 %
Instuments back
Scaling off
Adjust scaling
All normal
ug/m3 (ppb)
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

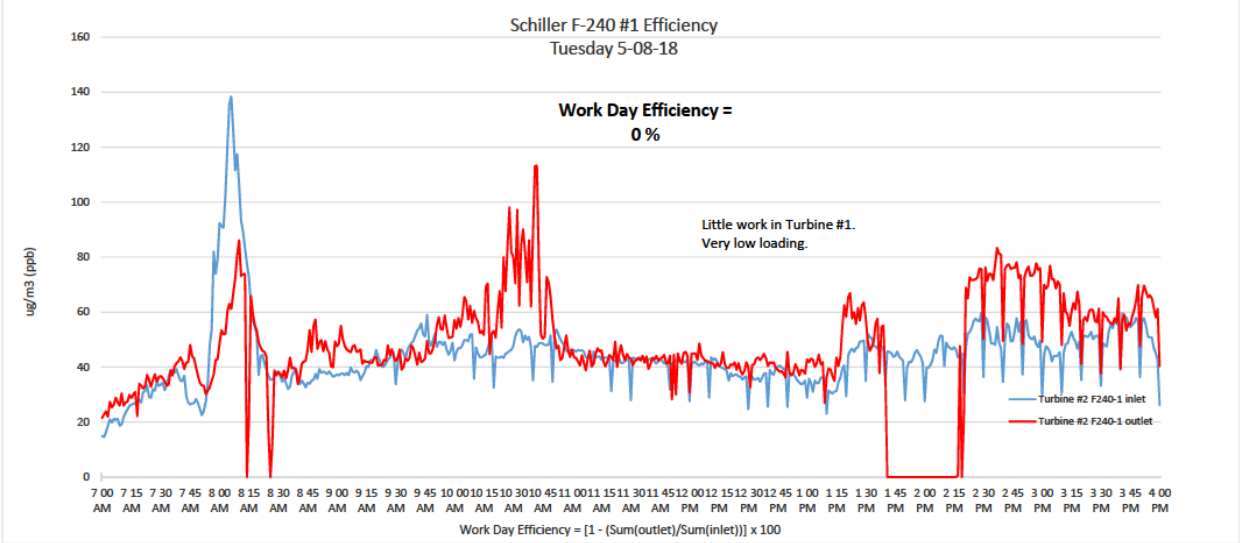

Schiller F-240 #1 Efficiency
Thursday 5-3-18
Work Day Efficiency =
18 %
25%
25 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

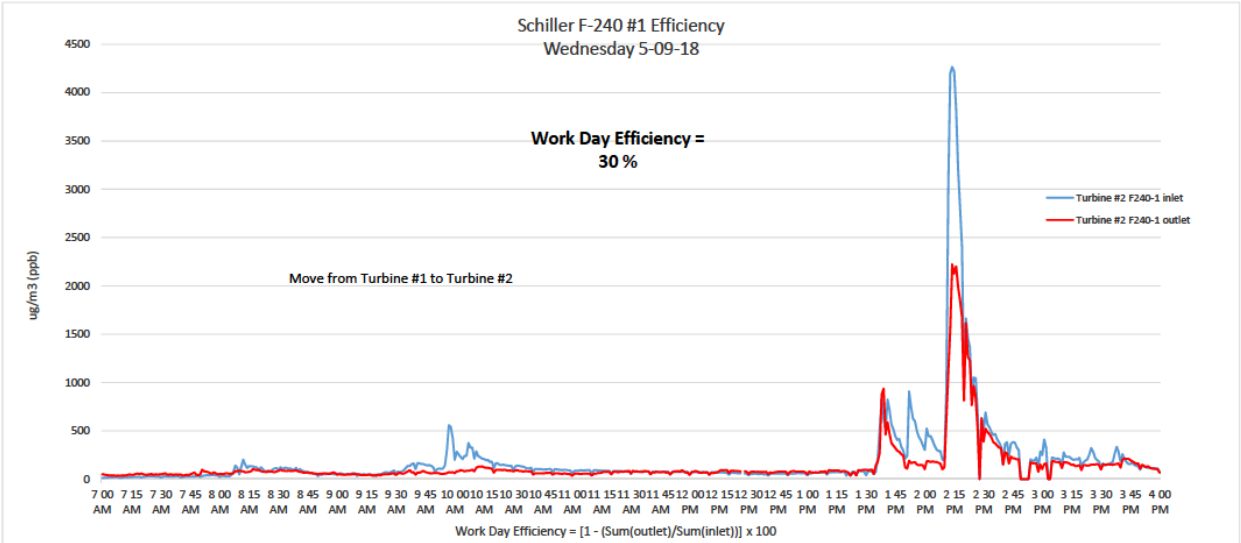

Schiller F-240 #1 Efficiency
Friday 5-4-18
Work Day Efficiency =
48 %
Turbine #1 F240-1 inlet
Turbine #1 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

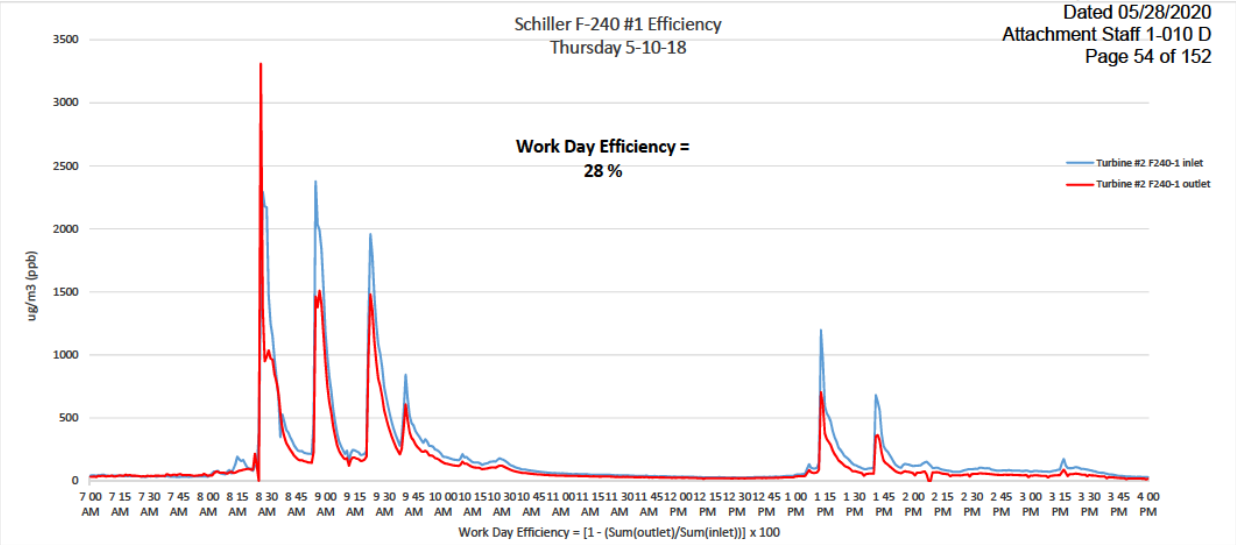

Schiller Hg Emissions
5-05-18 to 5-11-18
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
Ribbon Saw on condensers
Turbine 2 only uses air handers with 2 inch activated carbon which is less efficient for removing Hg than the F-240's
Hot Cut to prep ribbon saw area
Auto Zero
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
Sunday - Friday

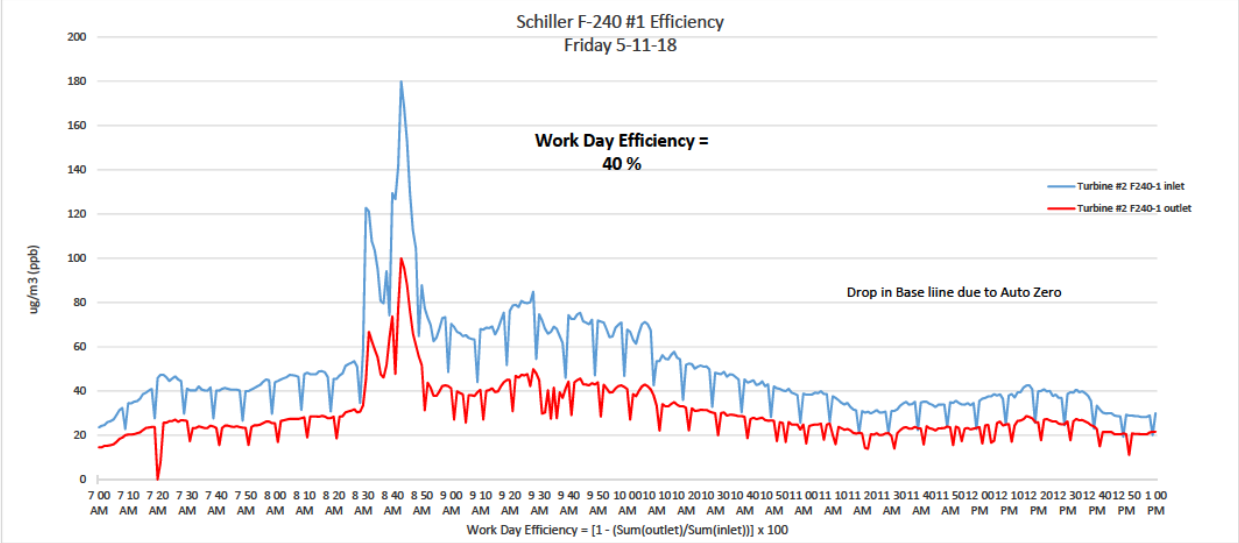

Schiller Hg Emissions
5-05-18 to 5-11-18
6474
6500
6512
6568
6543
6457
6452
Weekly total Hg Emission =
412.03 g or 0.91 % of allowable
2018 Total Hg Emission =
3,984 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

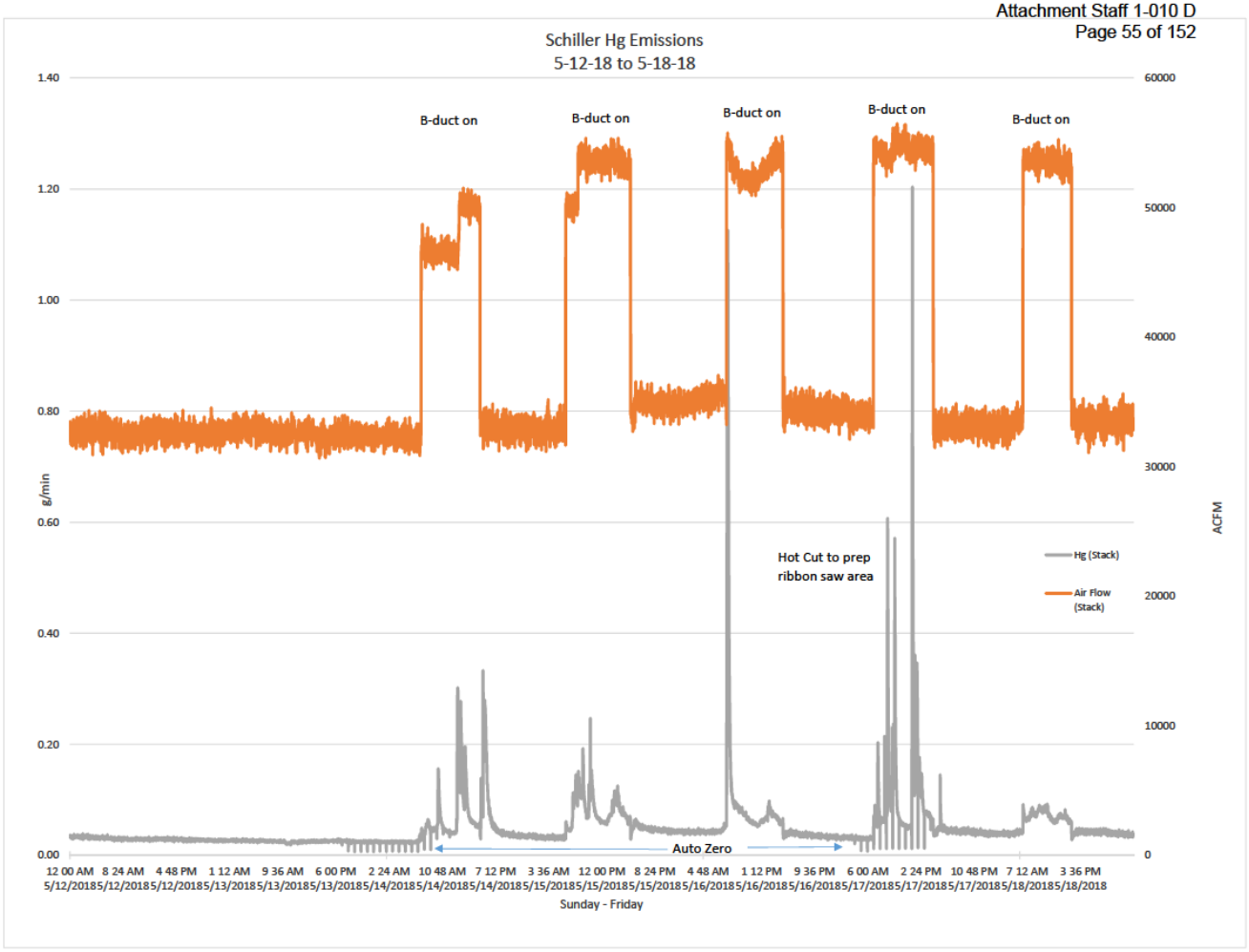

Schiller F-240 #1 Efficiency
Monday 5-07-18
Work Day Efficiency =
31 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

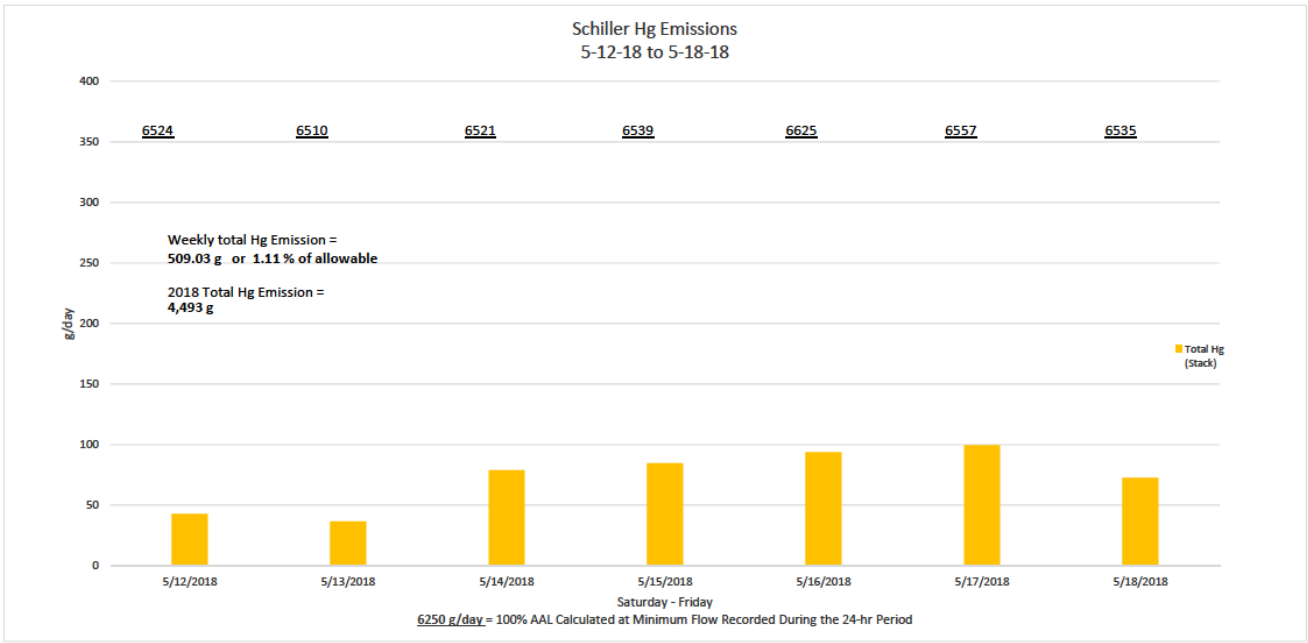

Schiller F-240 #1 Efficiency
Tuesday 5-08-18
Work Day Efficiency =
0 %
Little work in Turbine #1.
Very low loading.
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

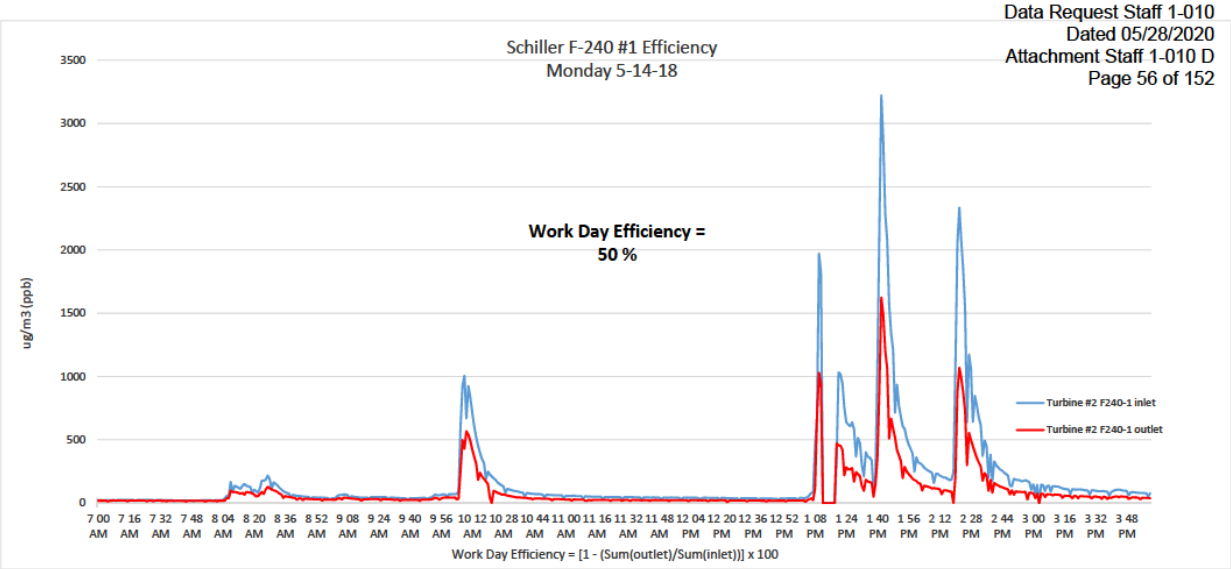

Schiller F-240 #1 Efficiency
Wednesday 5-09-18
Work Day Efficiency =
30 %
Move from Turbine #1 to Turbine #2
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

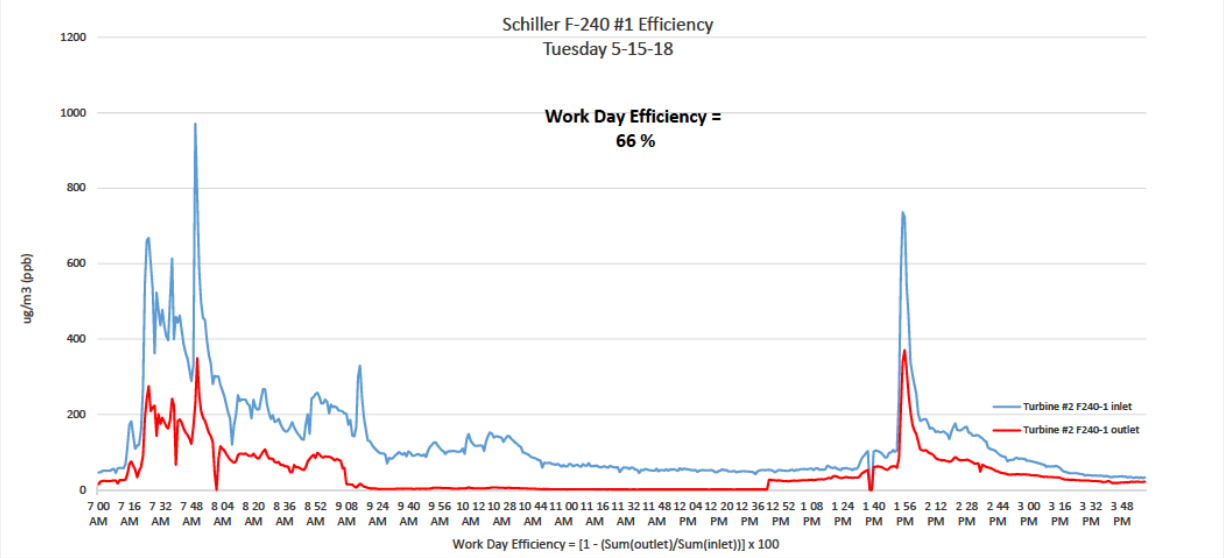

Schiller F-240 #1 Efficiency
Thursday 5-10-18
Work Day Efficiency =
28 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

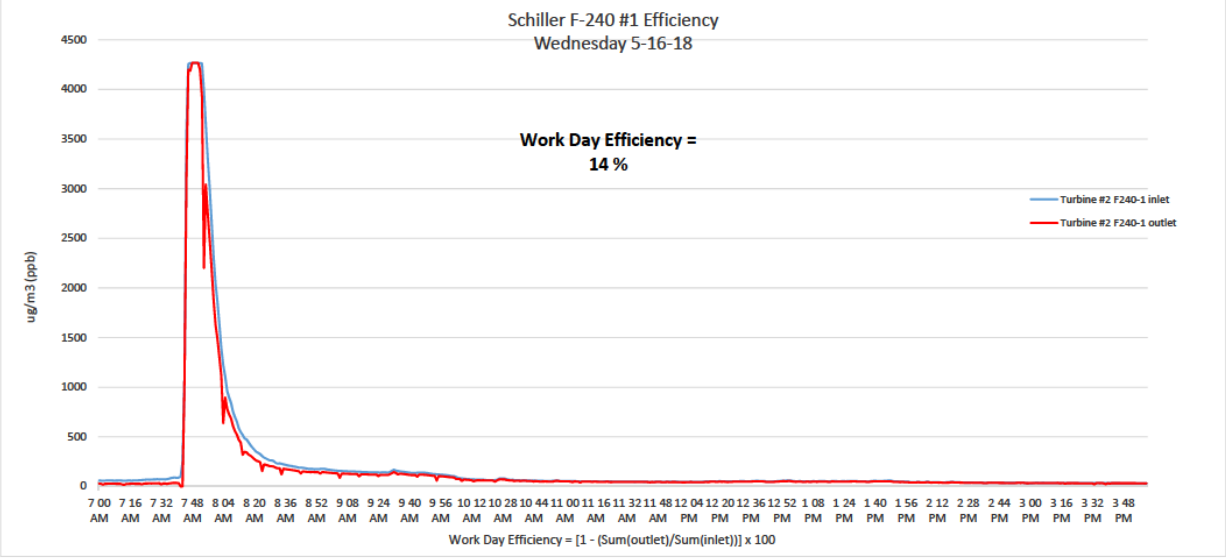

Schiller F-240 #1 Efficiency
Friday 5-11-18
Work Day Efficiency =
40 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Drop in Base liine due to Auto Zero
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

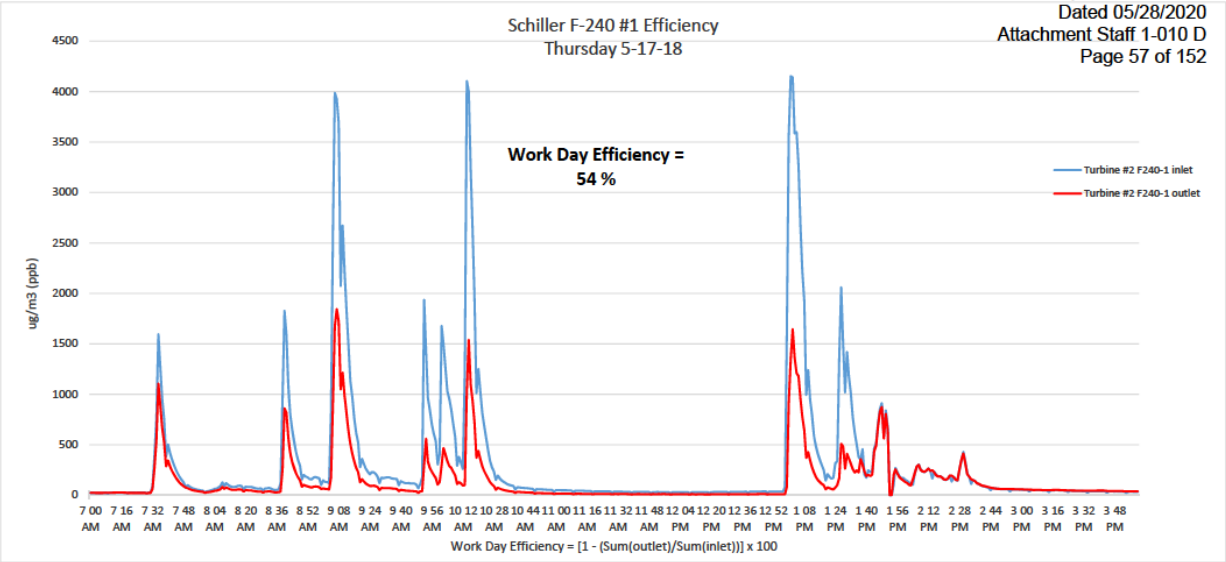

Schiller Hg Emissions
5-12-18 to 5-18-18
B-duct on
B-duct on
B-duct on
B-duct on
B-duct on
Hot Cut to prep ribbon saw area
Auto Zero
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
Sunday - Friday

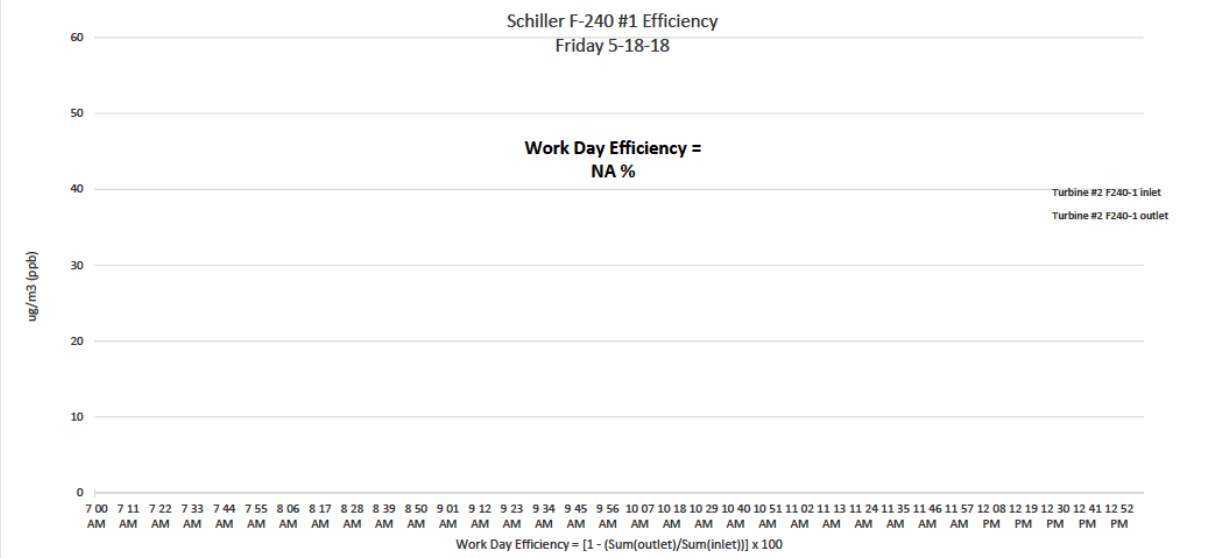

Schiller Hg Emissions
5-12-18 to 5-18-18
6524
6510
6521
6539
6625
6557
6535
Weekly total Hg Emission =
509.03 g or 1.11 % of allowable
2018 Total Hg Emission =
4,493 g
g/day
Total Hg (Stack)
5/12/2018
5/13/2018
5/14/2018
5/15/2018
5/16/2018
5/17/2018
5/18/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

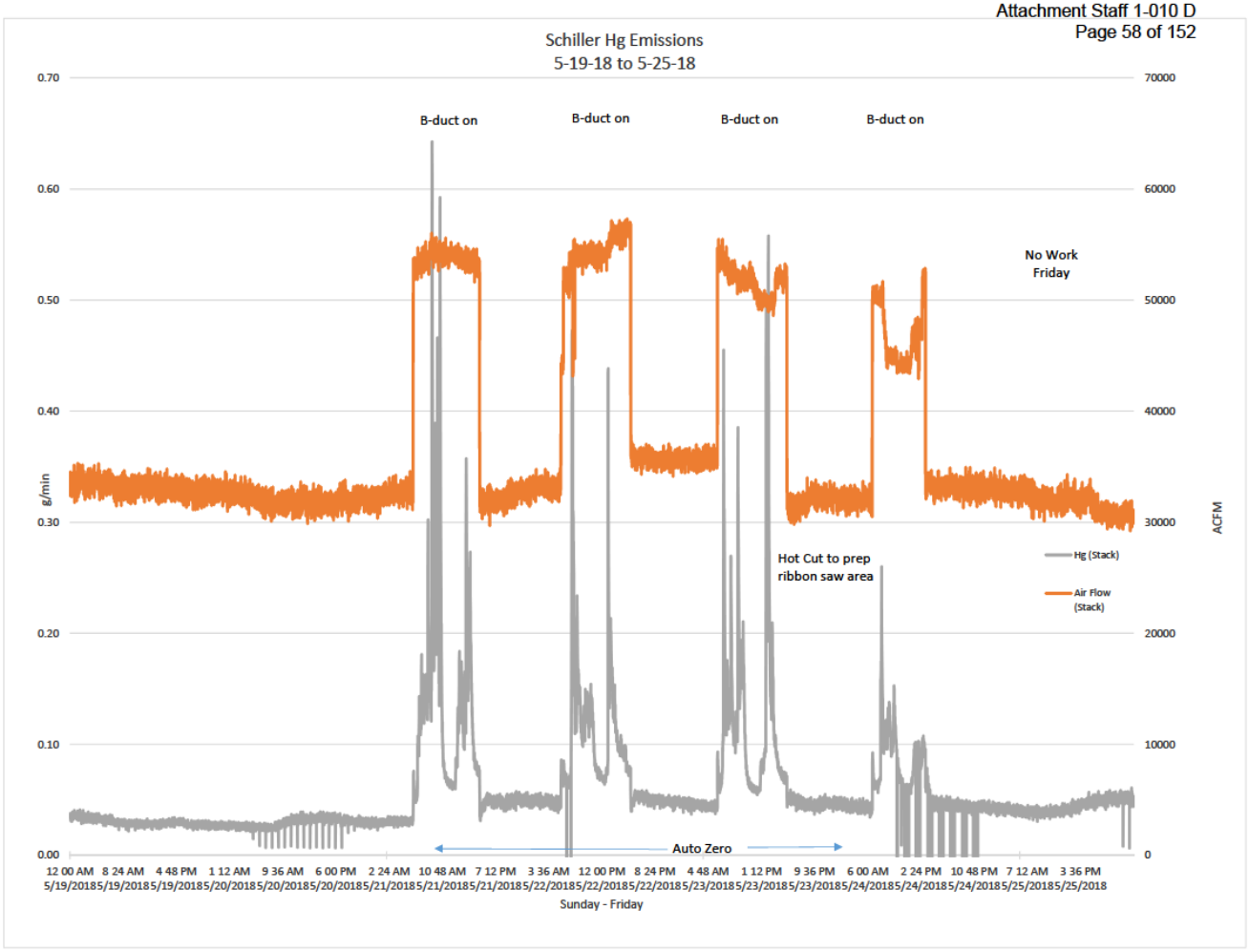

Schiller F-240 #1 Efficiency
Monday 5-14-18
Work Day Efficiency =
50 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

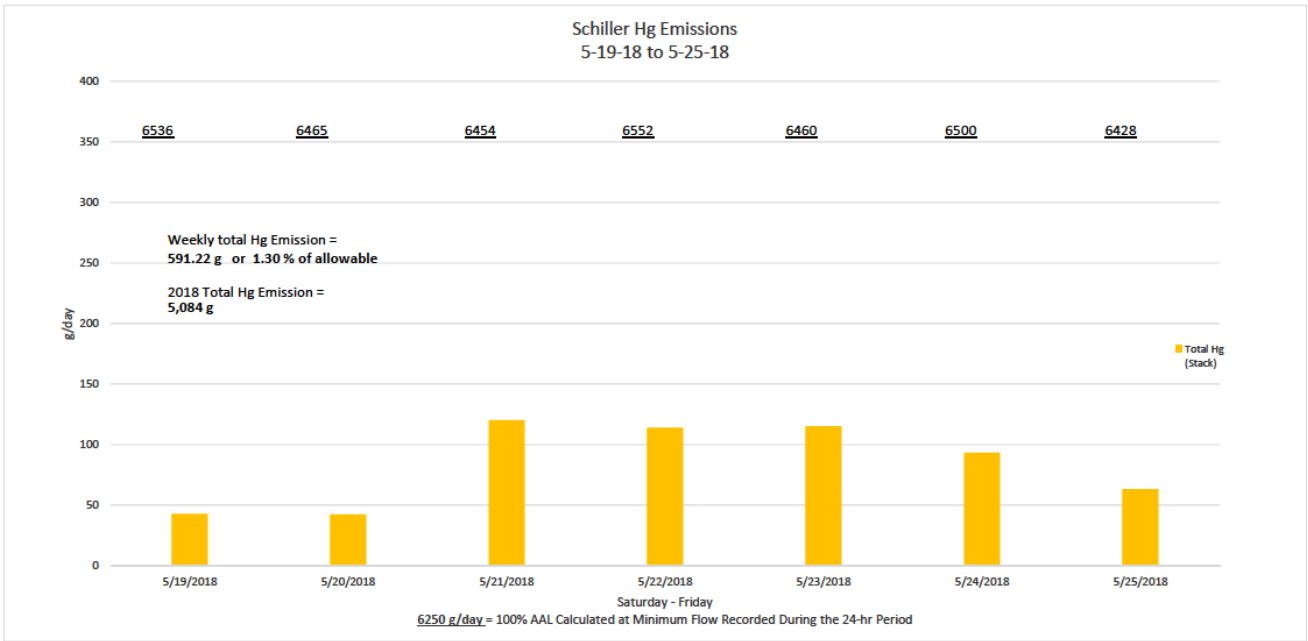

Schiller F-240 #1 Efficiency
Tuesday 5-15-18
Work Day Efficiency =
66 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

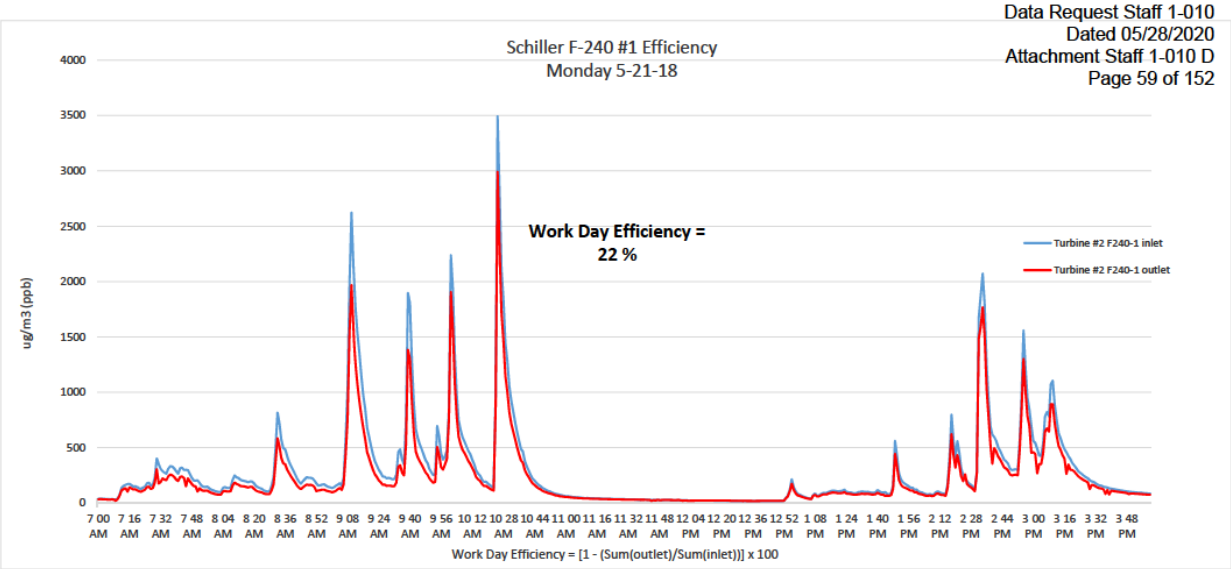

Schiller F-240 #1 Efficiency
Wednesday 5-16-18
Work Day Efficiency =
14 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

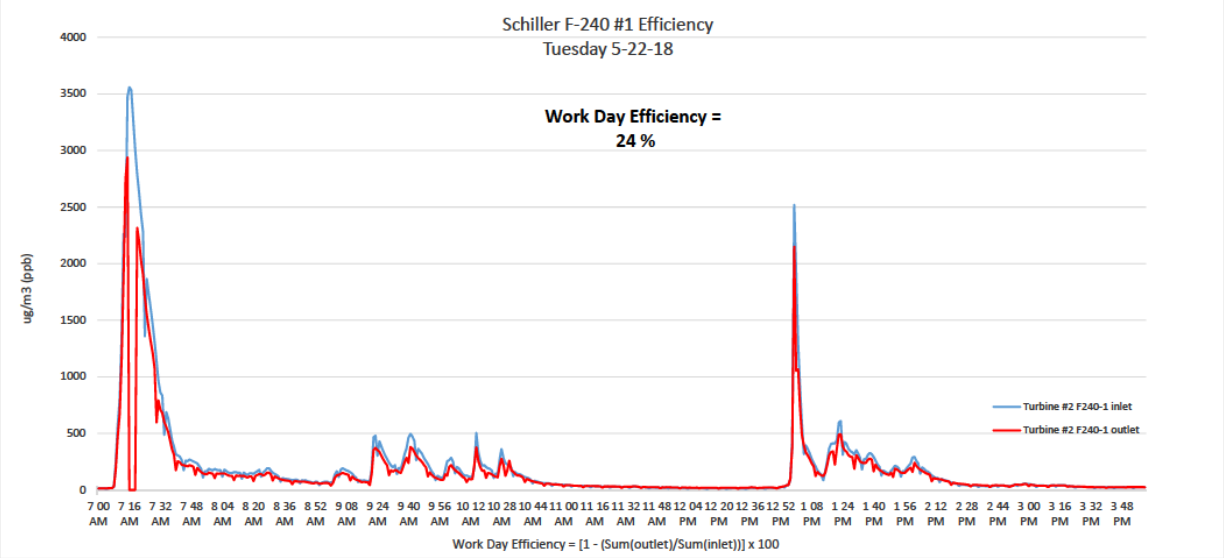

Schiller F-240 #1 Efficiency
Thursday 5-17-18
Work Day Efficiency =
54 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

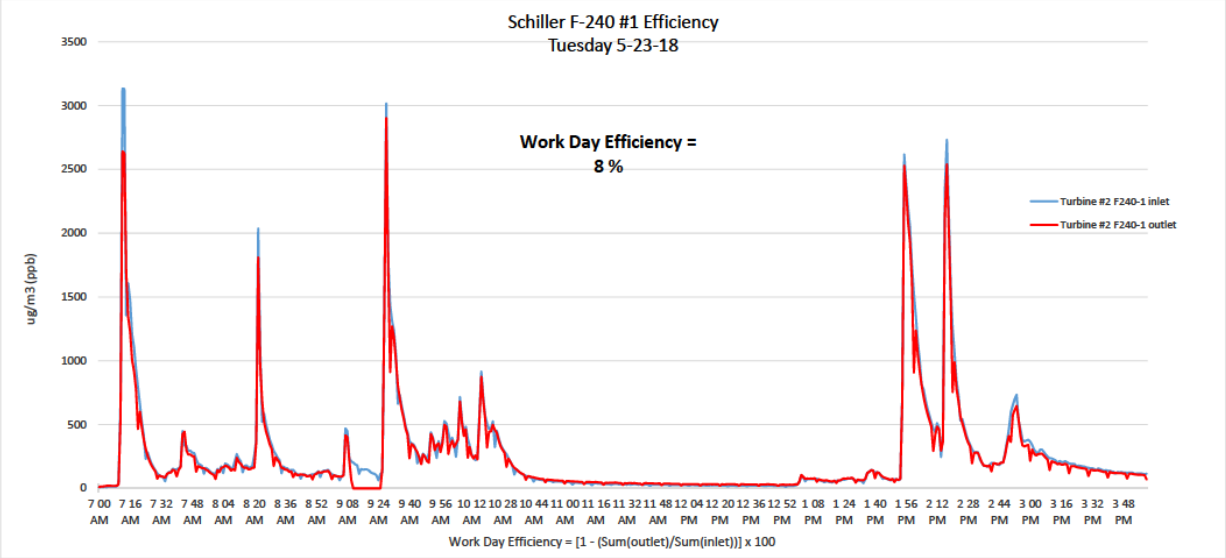

Schiller F-240 #1 Efficiency
Friday 5-18-18
Work Day Efficiency =
NA %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

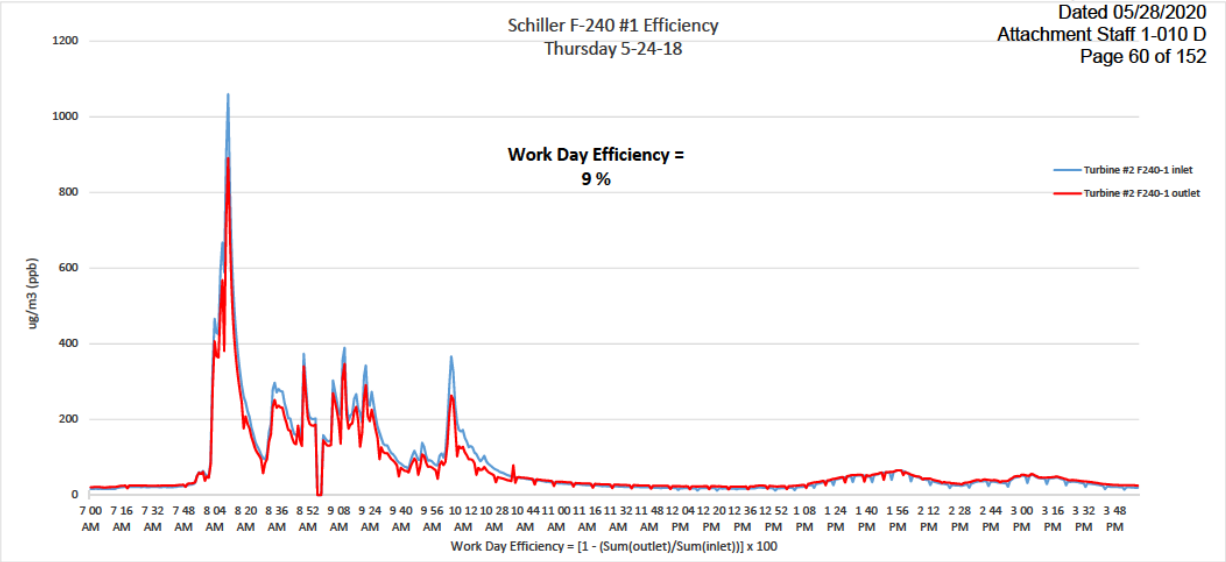

Schiller Hg Emissions
5-19-18 to 5-25-18
B-duct on
B-duct on
B-duct on
B-duct on
No Work
Friday
Hot Cut to prep
ribbon saw area
Auto Zero
Hg (Stack)
Air Flow
(Stack)
g/min
ACFM
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
70000
60000
50000
40000
30000
20000
10000
0
12 00 AM 8 24 AM 4 48 PM 1 12 AM 9 36 AM 6 00 PM 2 24 AM 10 48 AM 7 12 PM 3 36 AM 12 00 PM 8 24 PM 4 48 AM 1 12 PM 9 36 PM 6 00 AM 2 24 PM 10 48 PM 7 12 AM 3 36 PM
5/19/20185/19/20185/19/20185/20/20185/20/20185/20/20185/21/20185/21/20185/21/20185/22/20185/22/20185/22/20185/23/20185/23/20185/23/20185/24/20185/24/20185/24/20185/25/20185/25/2018
Sunday - Friday

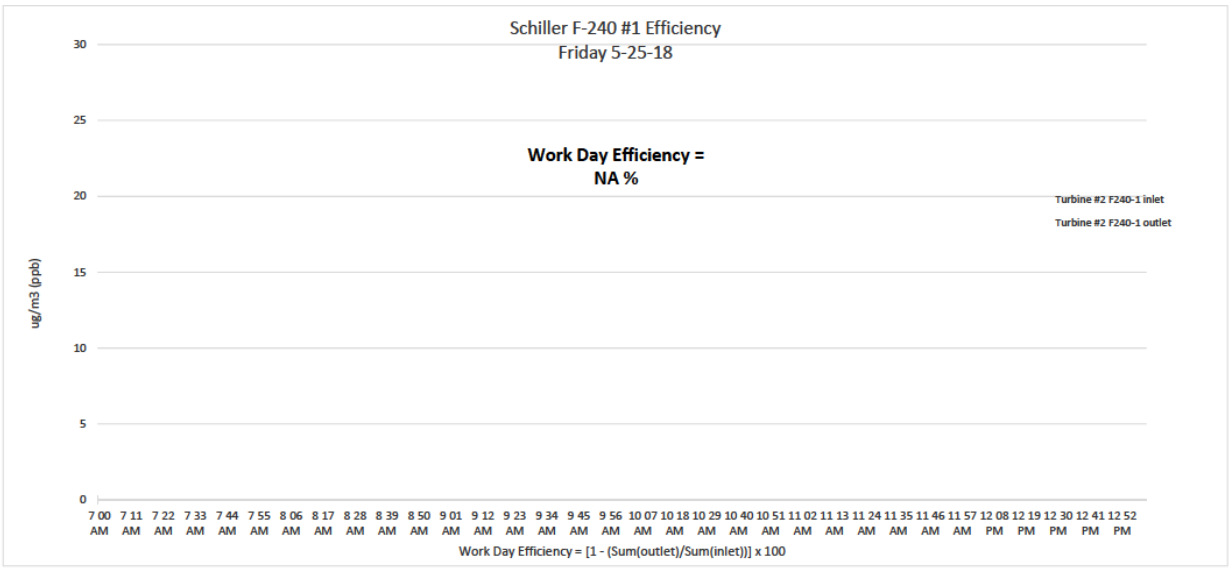

Schiller Hg Emissions
5-19-18 to 5-25-18
6536
6465
6454
6552
6460
6500
6428
Weekly total Hg Emission =
591.22 g or 1.30 % of allowable
2018 Total Hg Emission =
5,084 g
g/day
Total Hg
(Stack)
400
350
300
250
200
150
100
50
0
5/19/2018
5/20/2018
5/21/2018
5/22/2018
5/23/2018
5/24/2018
5/25/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

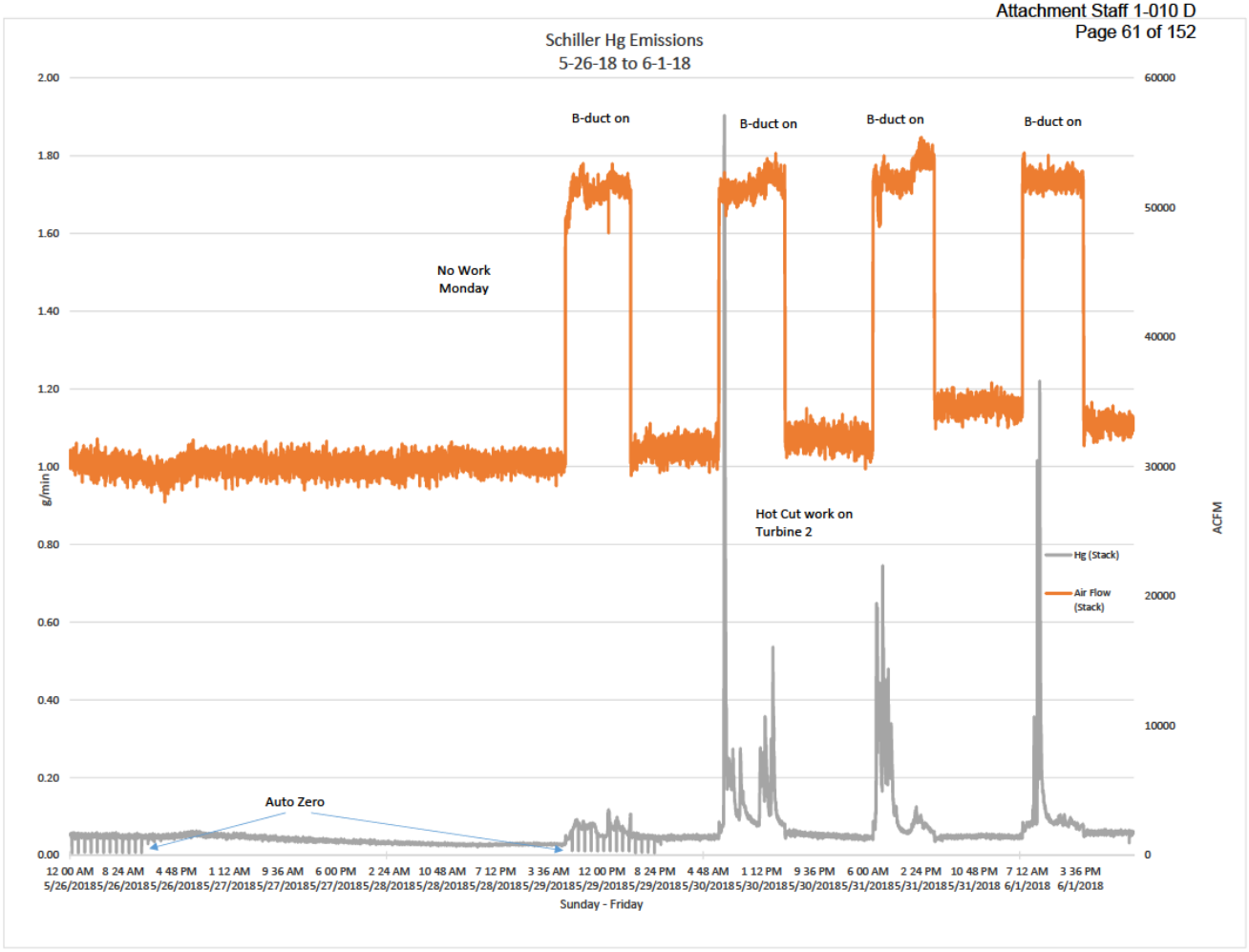

Schiller F-240 #1 Efficiency
Monday 5-21-18
Work Day Efficiency =
22 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

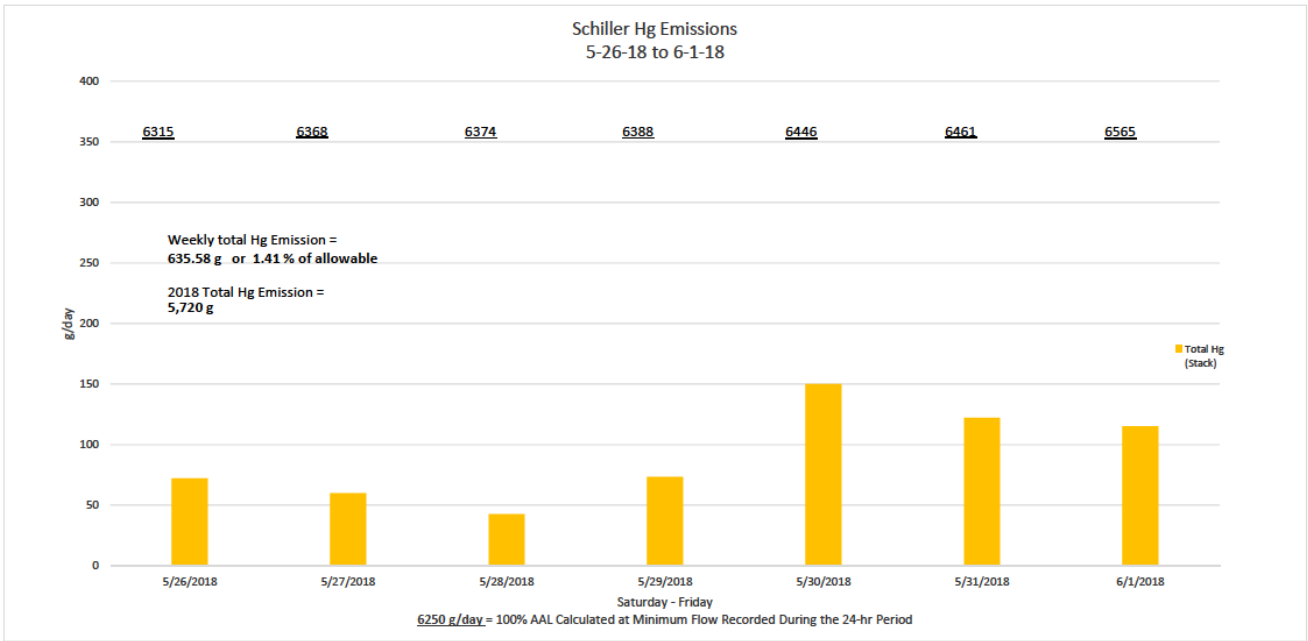

Schiller F-240 #1 Efficiency
Tuesday 5-22-18
Work Day Efficiency =
24 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

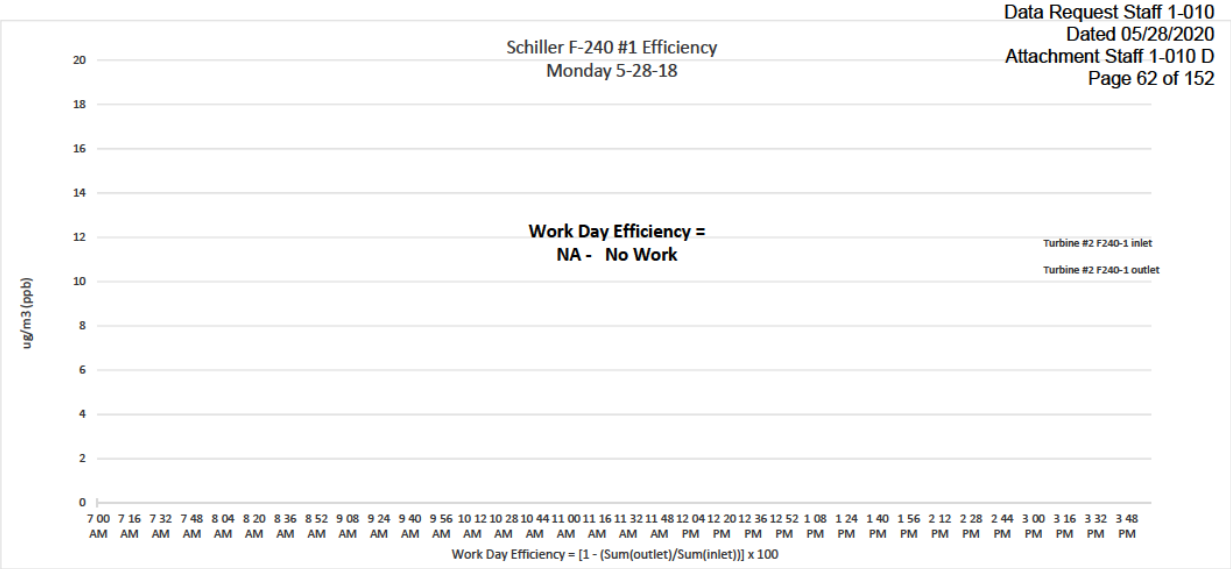

Schiller F-240 #1 Efficiency
Tuesday 5-23-18
Work Day Efficiency =
8 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

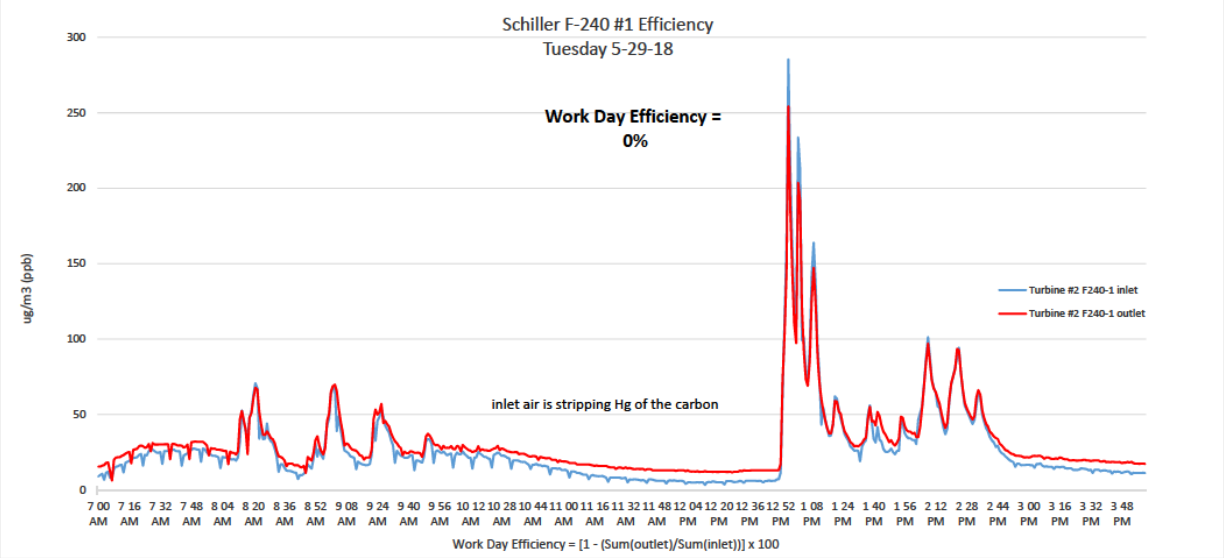

Schiller F-240 #1 Efficiency
Thursday 5-24-18
Work Day Efficiency =
9 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
1200
1000
800
600
400
200
0
7 00 AM
7 16 AM
7 32 AM
7 48 AM
8 04 AM
8 20 AM
8 36 AM
8 52 AM
9 08 AM
9 24 AM
9 40 AM
9 56 AM
10 12 AM
10 28 AM
10 44 AM
11 00 AM
11 16 AM
11 32 AM
11 48 AM
12 04 PM
12 20 PM
12 36 PM
12 52 PM
1 08 PM
1 24 PM
1 40 PM
1 56 PM
2 12 PM
2 28 PM
2 44 PM
3 00 PM
3 16 PM
3 32 PM
3 48 PM
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

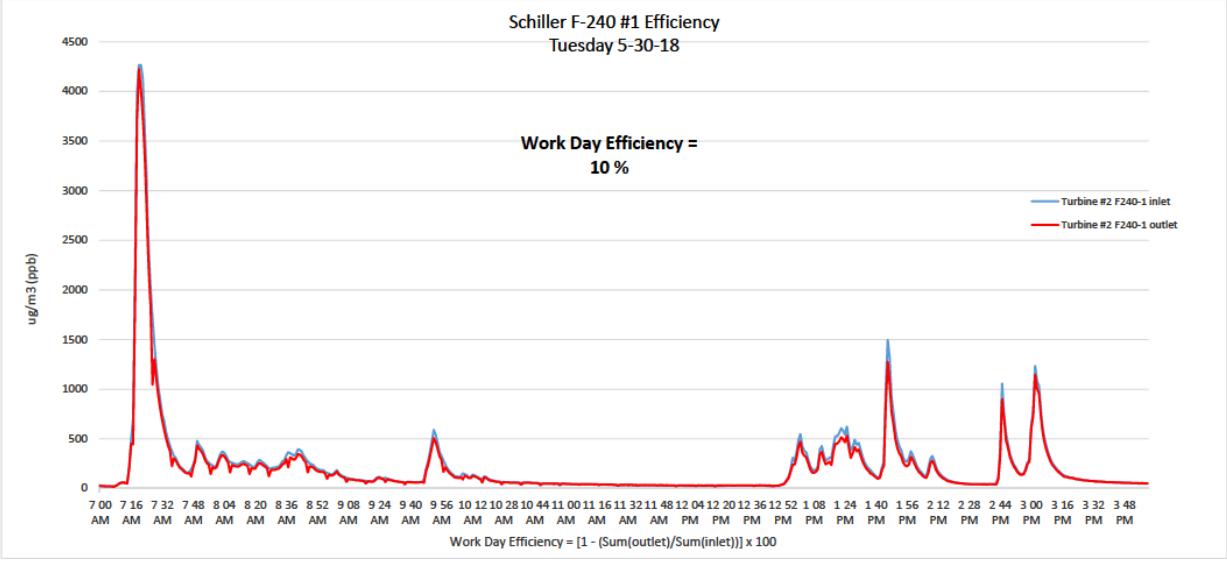

Schiller F-240 #1 Efficiency
Friday 5-25-18
Work Day Efficiency =
NA %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
30
25
20
15
10
5
0
7 00 AM
7 11 AM
7 22 AM
7 33 AM
7 44 AM
7 55 AM
8 06 AM
8 17 AM
8 28 AM
8 39 AM
8 50 AM
9 01 AM
9 12 AM
9 23 AM
9 34 AM
9 45 AM
9 56 AM
10 07 AM
10 18 AM
10 29 AM
10 40 AM
10 51 AM
11 02 AM
11 13 AM
11 24 AM
11 35 AM
11 46 AM
11 57 AM
12 08 PM
12 19 PM
12 30 PM
12 41 PM
12 52 PM
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

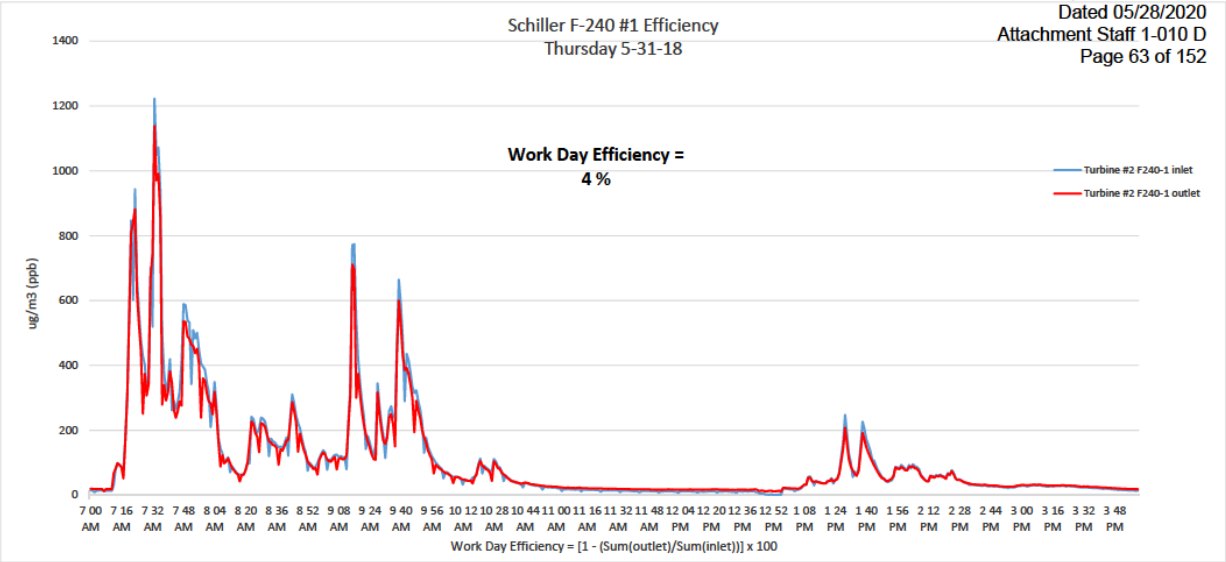

Schiller Hg Emissions
5-26-18 to 6-1-18
B-duct on
B-duct on
B-duct on
B-duct on
No Work
Monday
Hot Cut work on
Turbine 2
Auto Zero
g/min
ACFM
Hg (Stack)
Air Flow
(Stack)
Sunday - Friday

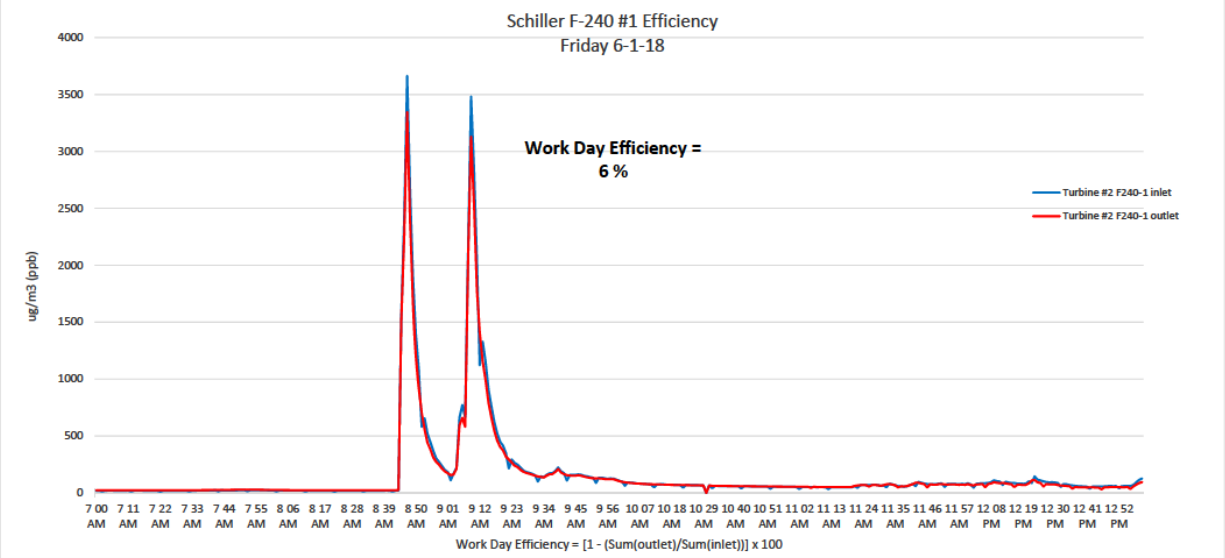

Schiller Hg Emissions
5-26-18 to 6-1-18
6315
6368
6374
6388
6446
6461
6565
Weekly total Hg Emission =
635.58 g or 1.41 % of allowable
2018 Total Hg Emission =
5,720 g
g/day
Total Hg
(Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

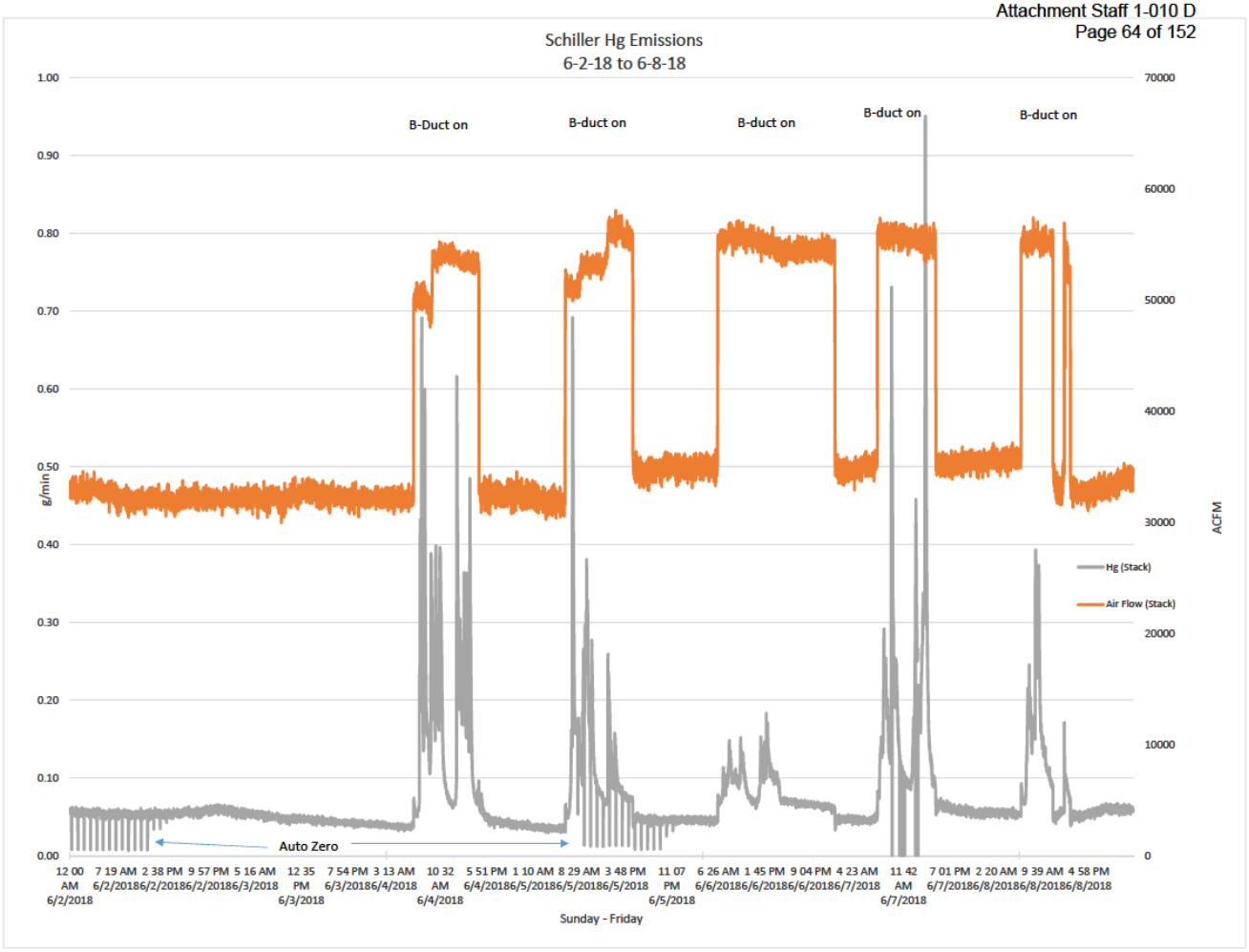

Schiller F-240 #1 Efficiency
Monday 5-28-18
Work Day Efficiency =
NA - No Work
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

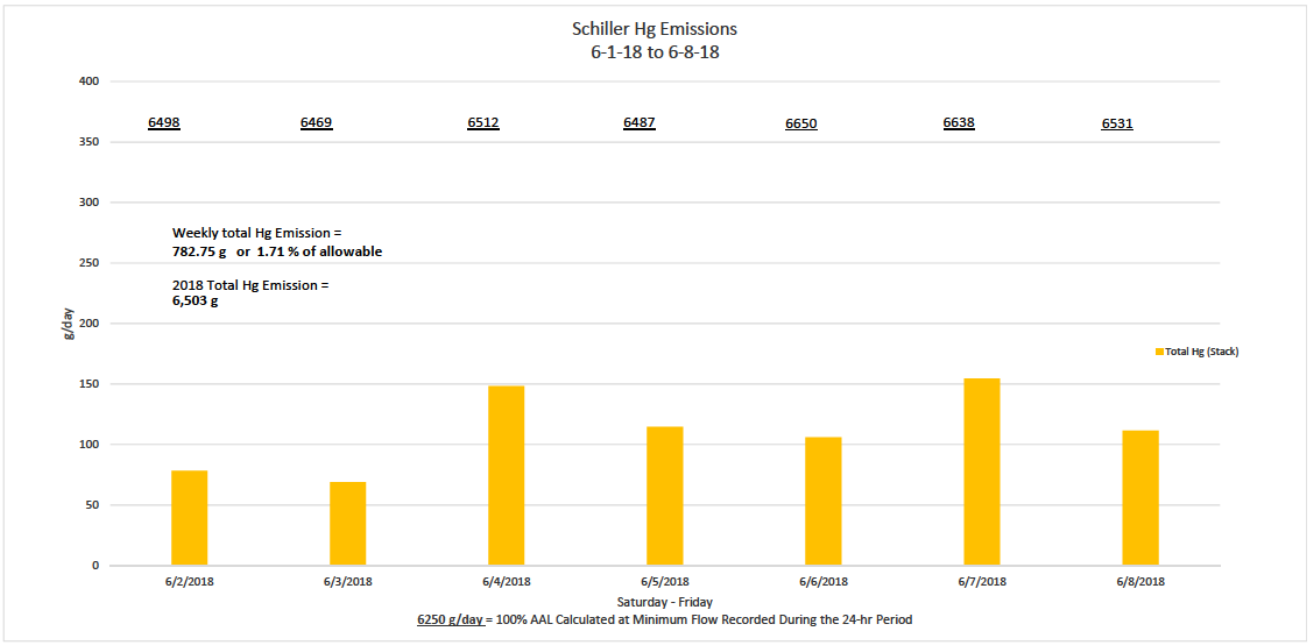

Schiller F-240 #1 Efficiency
Tuesday 5-29-18
Work Day Efficiency =
0%
inlet air is stripping Hg of the carbon
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

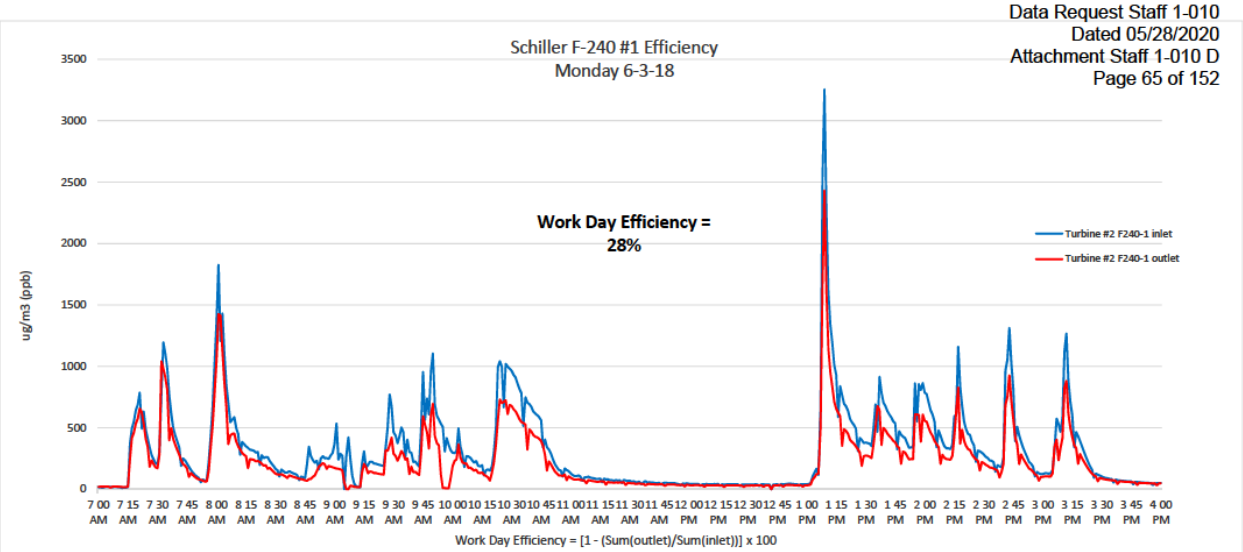

Schiller F-240 #1 Efficiency
Tuesday 5-30-18
Work Day Efficiency =
10 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

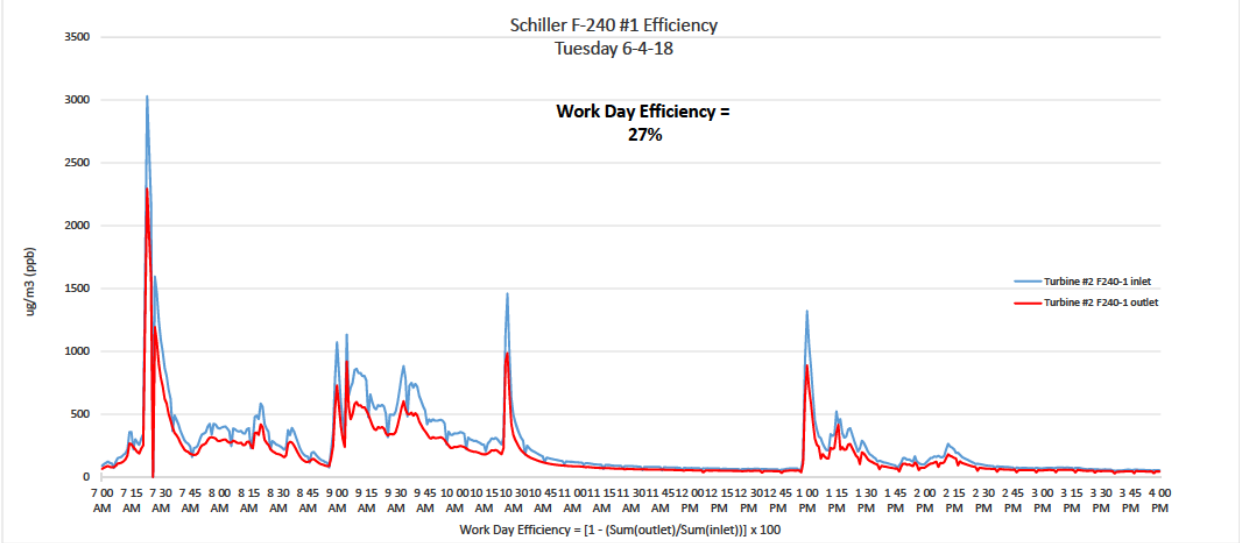

Schiller F-240 #1 Efficiency
Thursday 5-31-18
Work Day Efficiency =
4 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

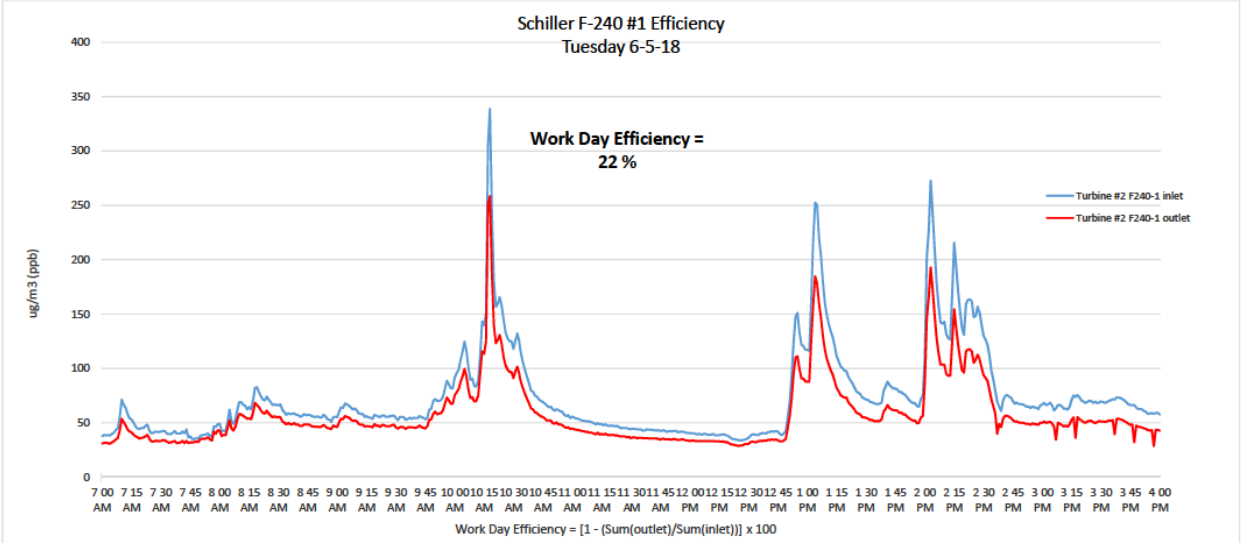

Schiller F-240 #1 Efficiency
Friday 6-1-18
Work Day Efficiency =
6 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

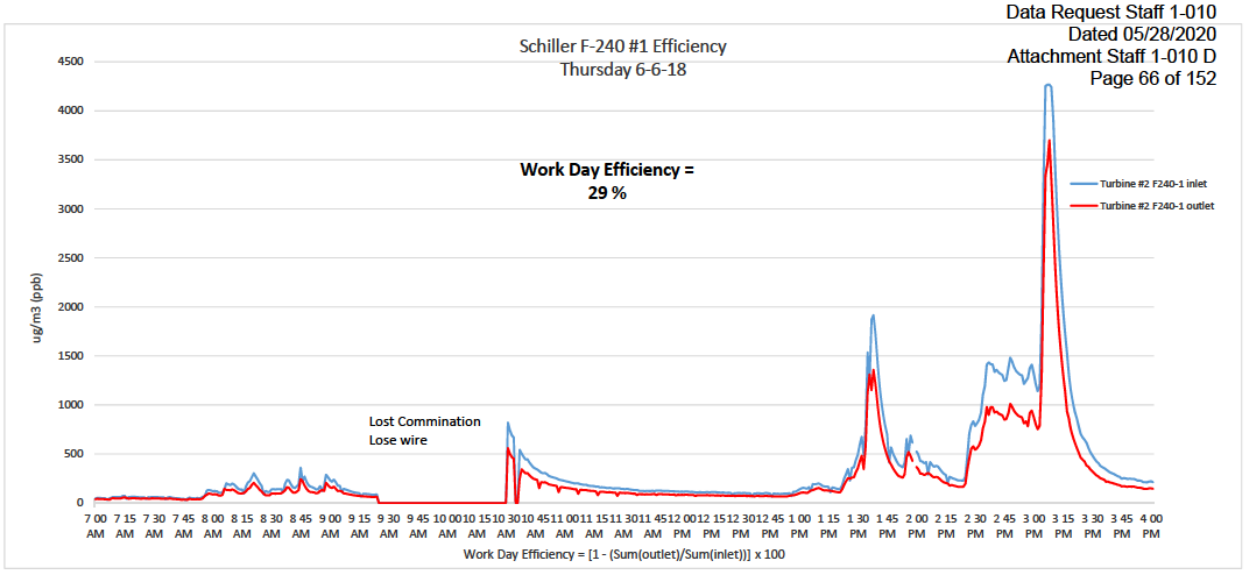

Schiller Hg Emissions
6-2-18 to 6-8-18
B-Duct on
B-duct on
B-duct on
B-duct on
B-duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Auto Zero
Sunday - Friday

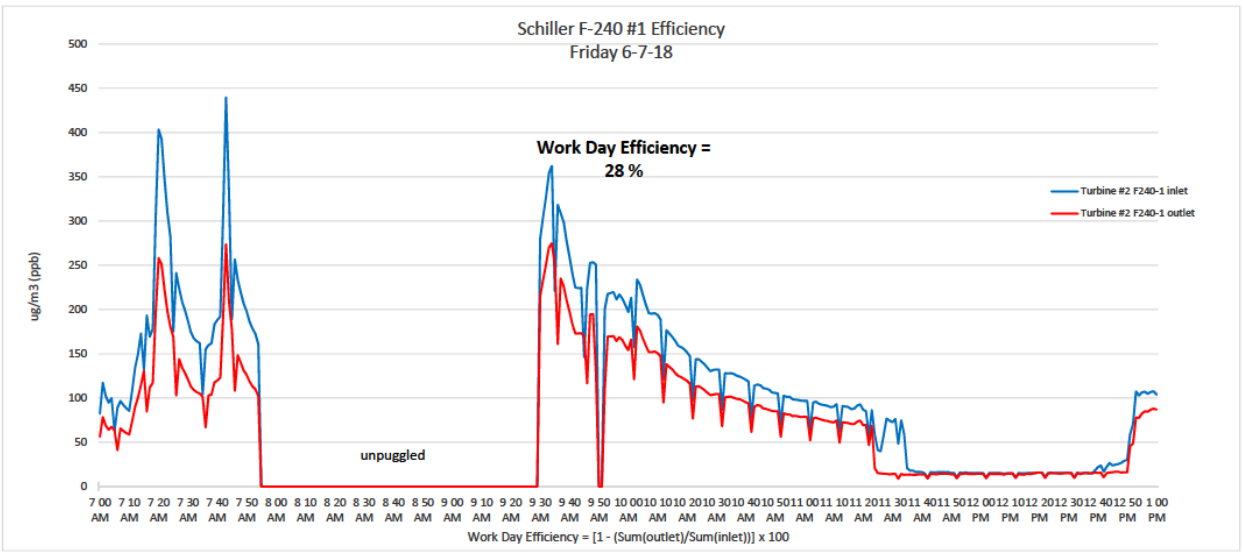

Schiller Hg Emissions
6-1-18 to 6-8-18
6498
6469
6512
6487
6650
6638
6531
Weekly total Hg Emission =
782.75 g or 1.71 % of allowable
2018 Total Hg Emission =
6,503 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

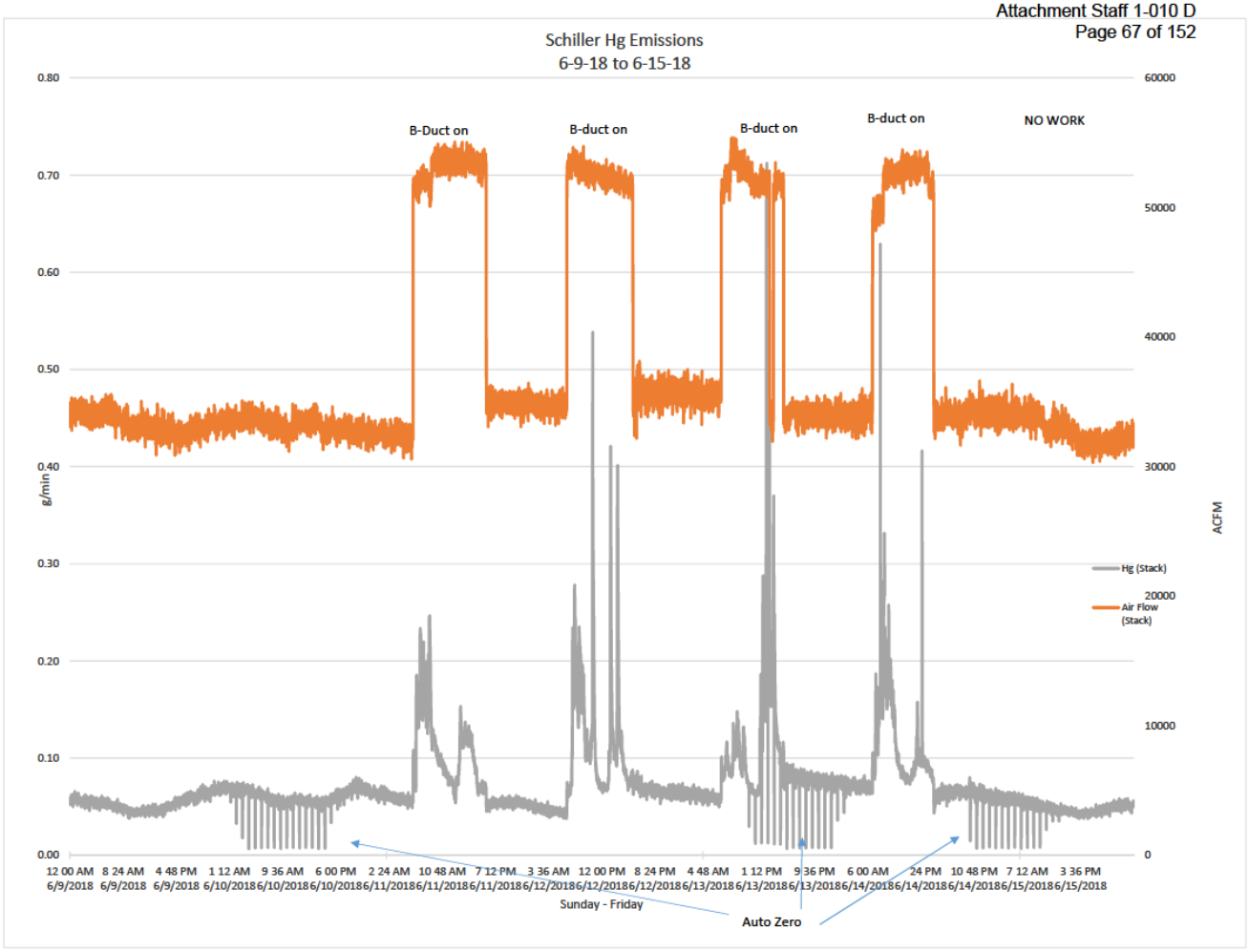

Schiller F-240 #1 Efficiency
Monday 6-3-18
Work Day Efficiency =
28%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

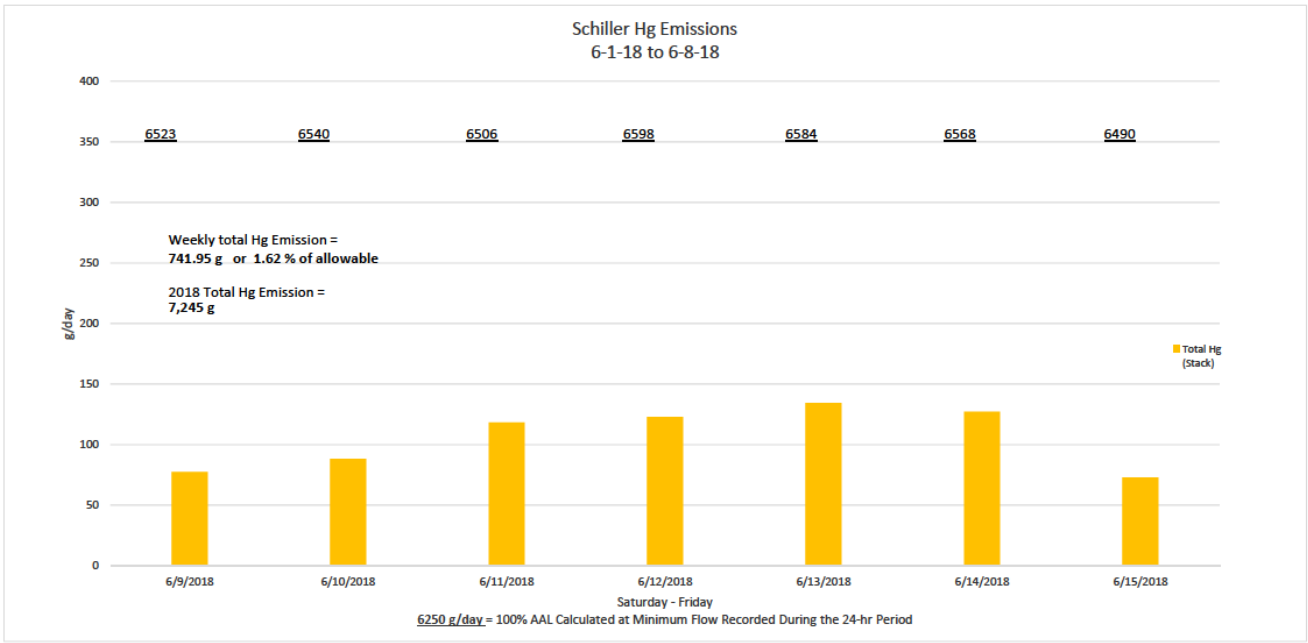

Schiller F-240 #1 Efficiency
Tuesday 6-4-18
Work Day Efficiency =
27%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

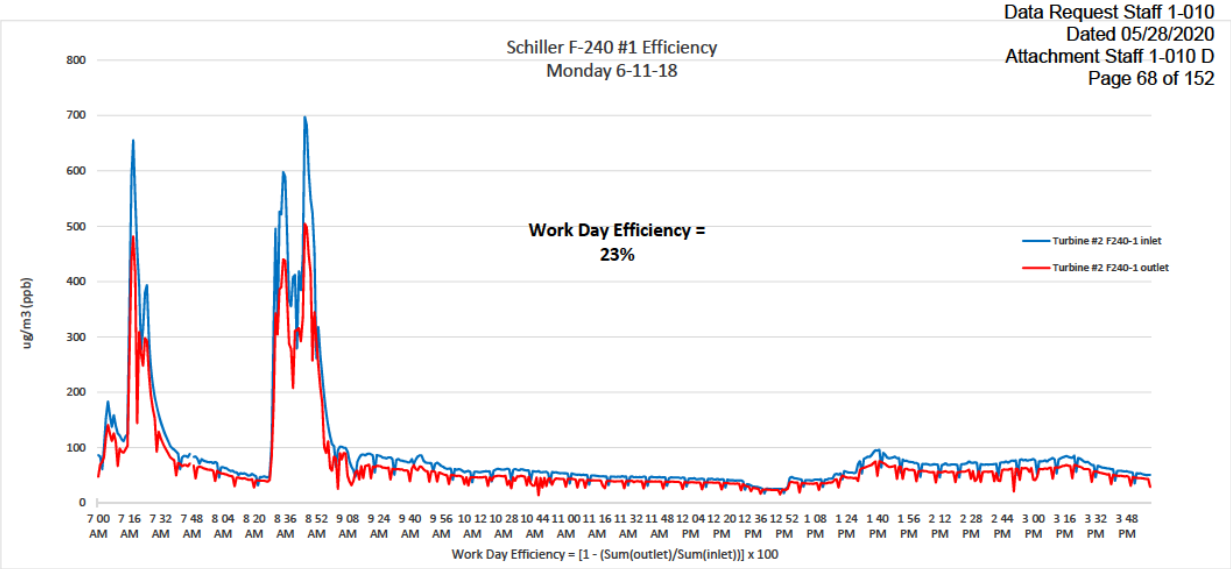

Schiller F-240 #1 Efficiency
Tuesday 6-5-18
Work Day Efficiency =
22 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

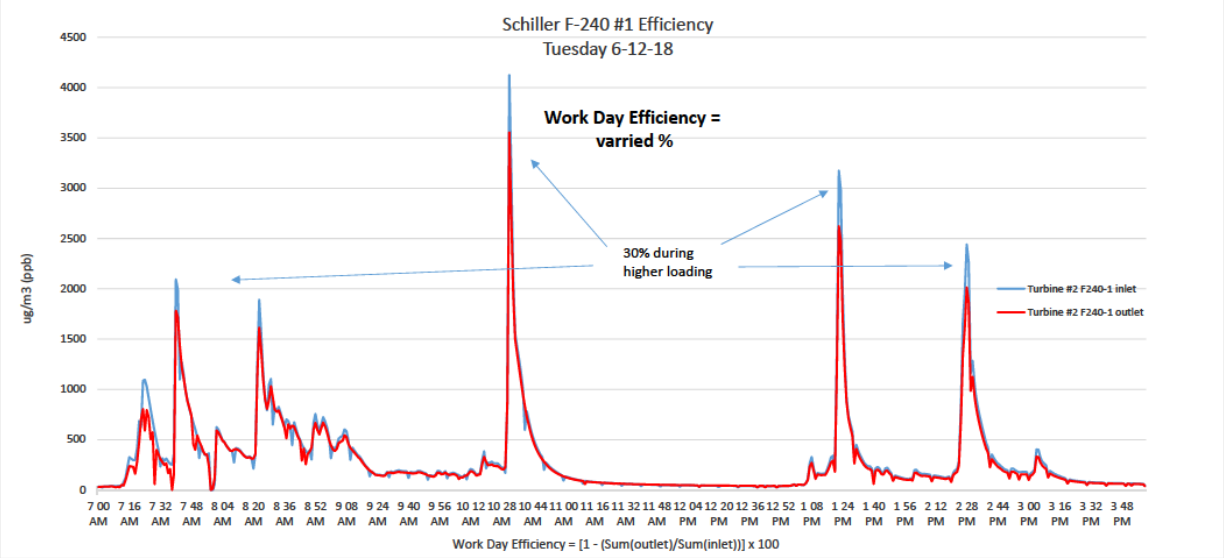

Schiller F-240 #1 Efficiency
Thursday 6-6-18
Work Day Efficiency =
29 %
Lost Commination
Lose wire
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

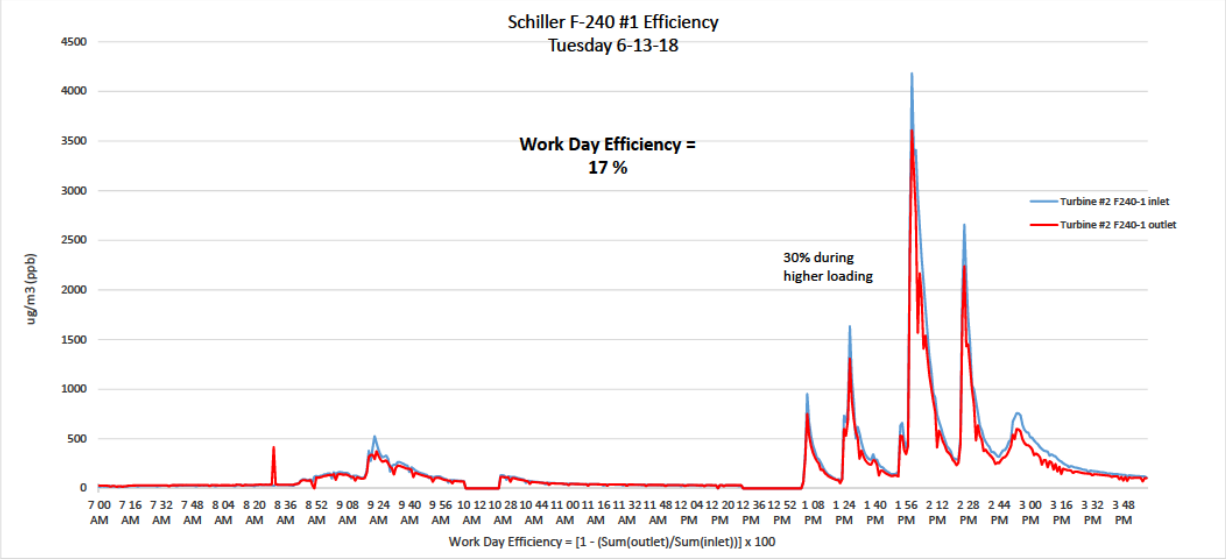

Schiller F-240 #1 Efficiency
Friday 6-7-18
Work Day Efficiency =
28 %
unpuggled
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

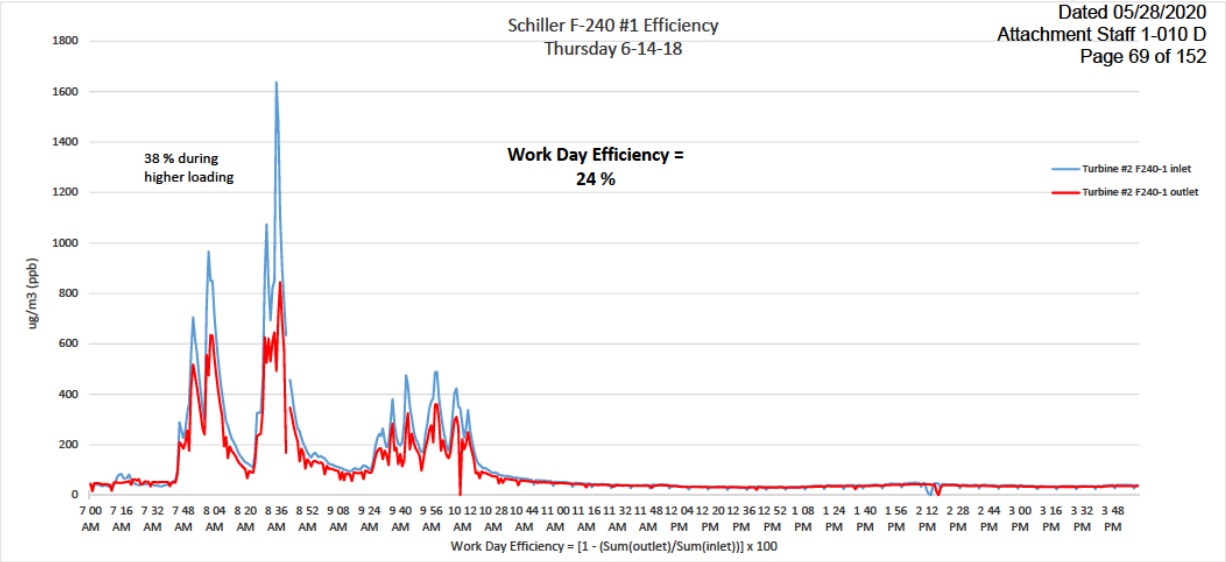

Schiller Hg Emissions
6-9-18 to 6-15-18
B-Duct on
B-duct on
B-duct on
B-duct on
NO WORK
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday
Auto Zero

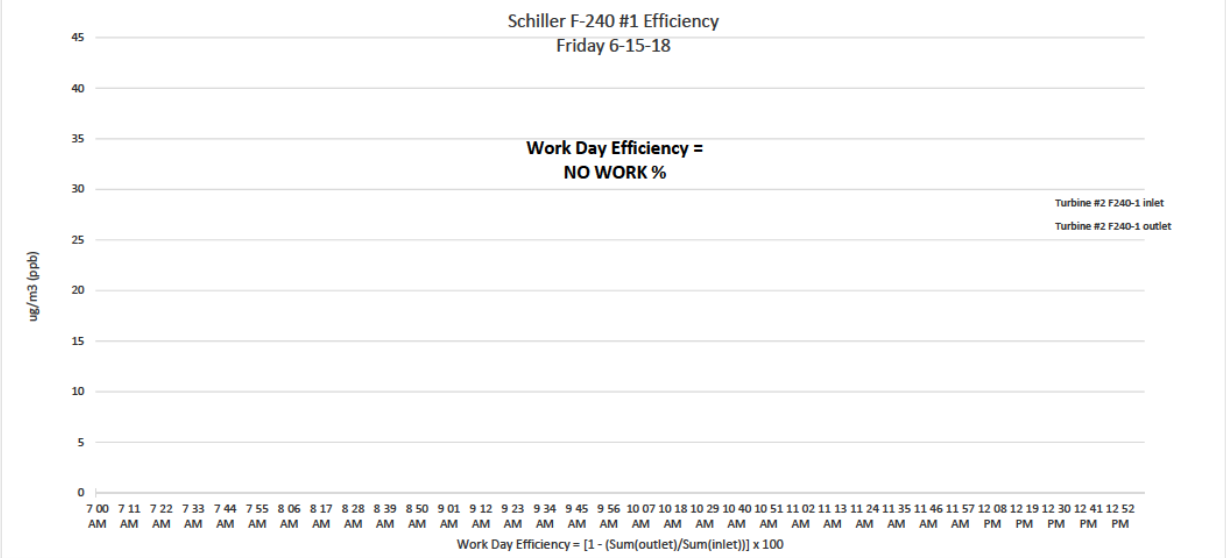

Schiller Hg Emissions
6-1-18 to 6-8-18
6523
6540
6506
6598
6584
6568
6490
Weekly total Hg Emission =
741.95 g or 1.62 % of allowable
2018 Total Hg Emission =
7,245 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

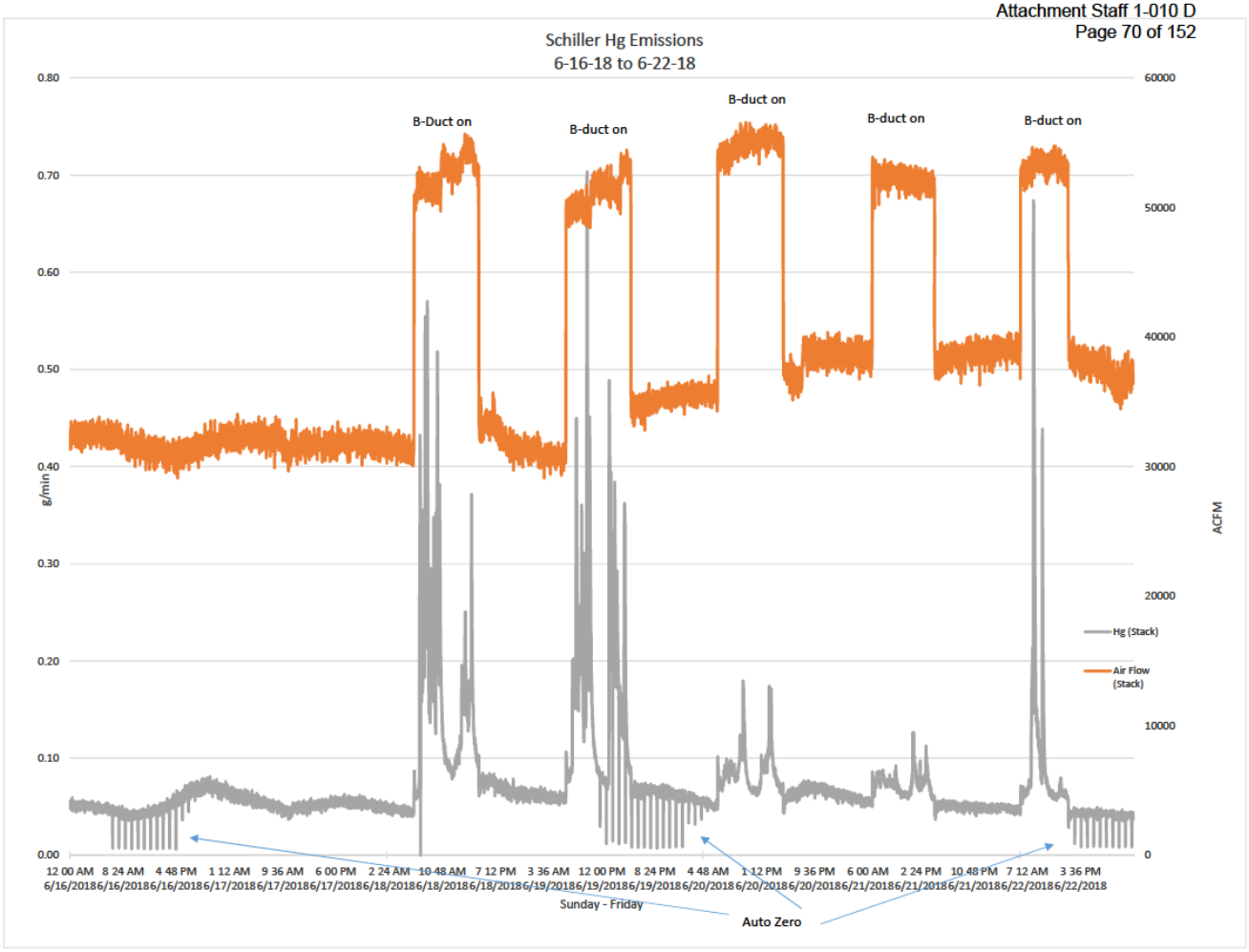

Schiller F-240 #1 Efficiency
Monday 6-11-18
Work Day Efficiency =
23%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

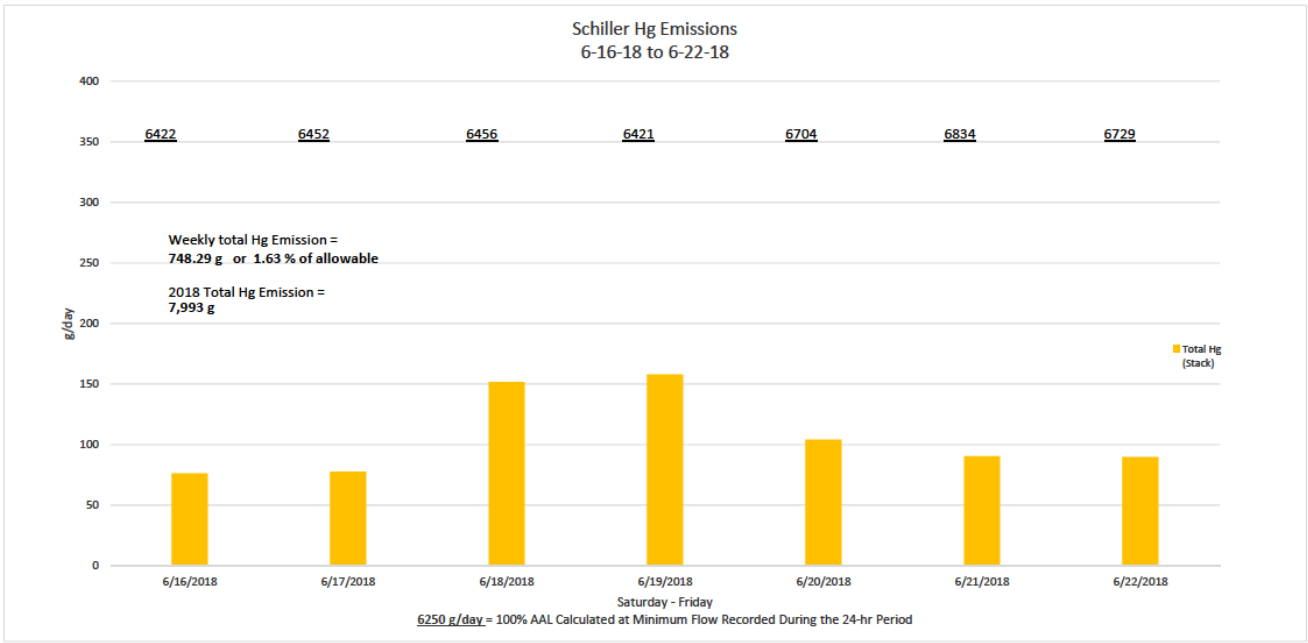

Schiller F-240 #1 Efficiency
Tuesday 6-12-18
Work Day Efficiency =
varried %
30% during
higher loading
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

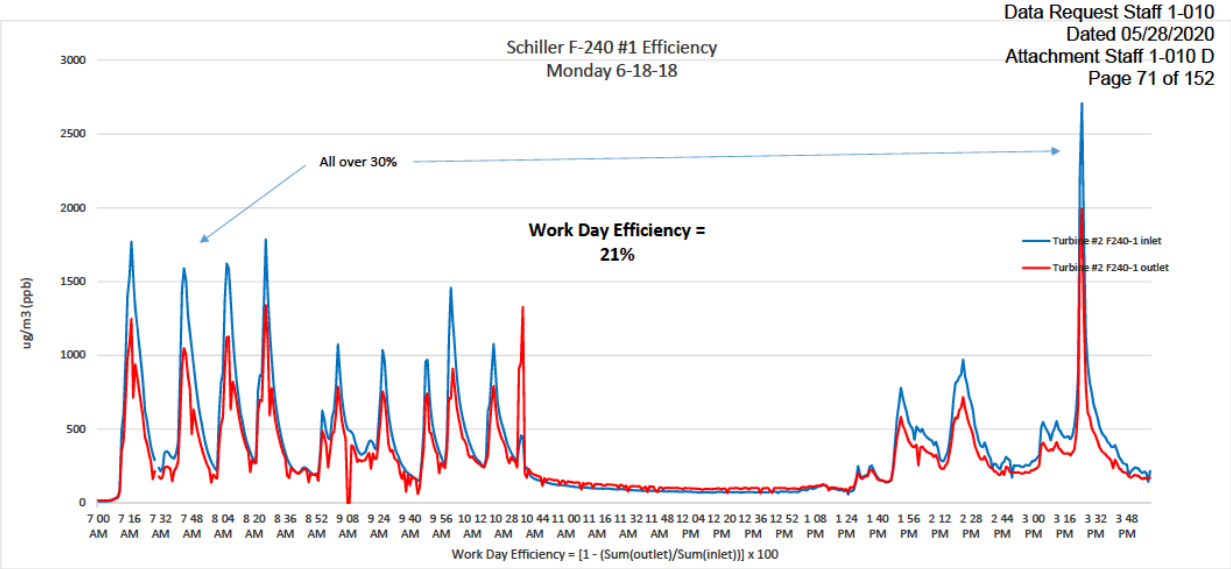

Schiller F-240 #1 Efficiency
Tuesday 6-13-18
Work Day Efficiency =
17 %
30% during
higher loading
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

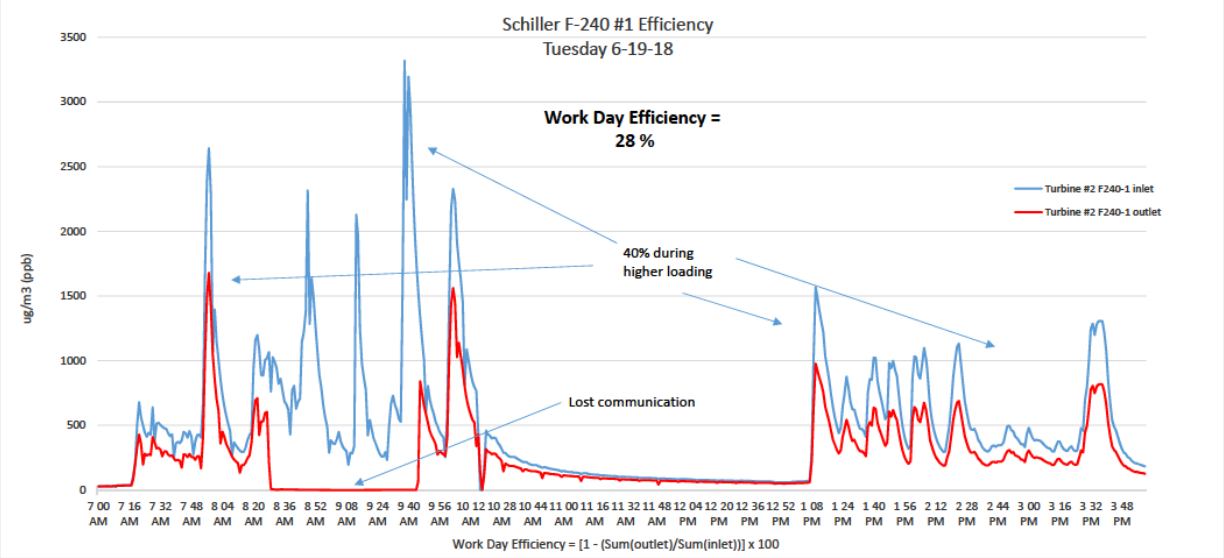

Schiller F-240 #1 Efficiency
Thursday 6-14-18
38 % during
higher loading
Work Day Efficiency =
24 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

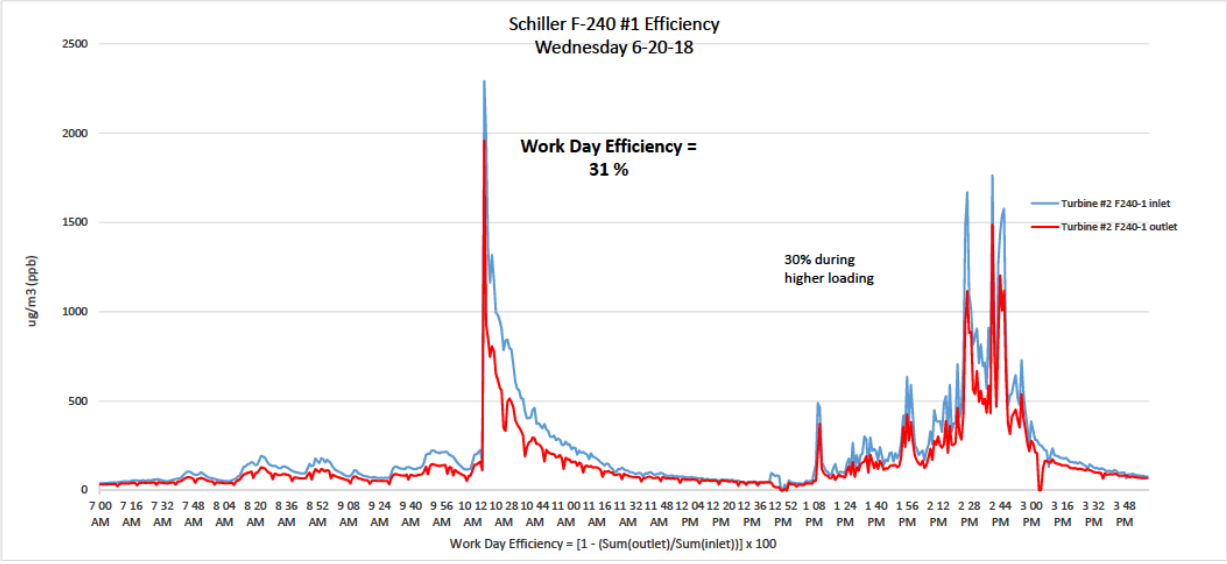

Schiller F-240 #1 Efficiency
Friday 6-15-18
Work Day Efficiency =
NO WORK %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

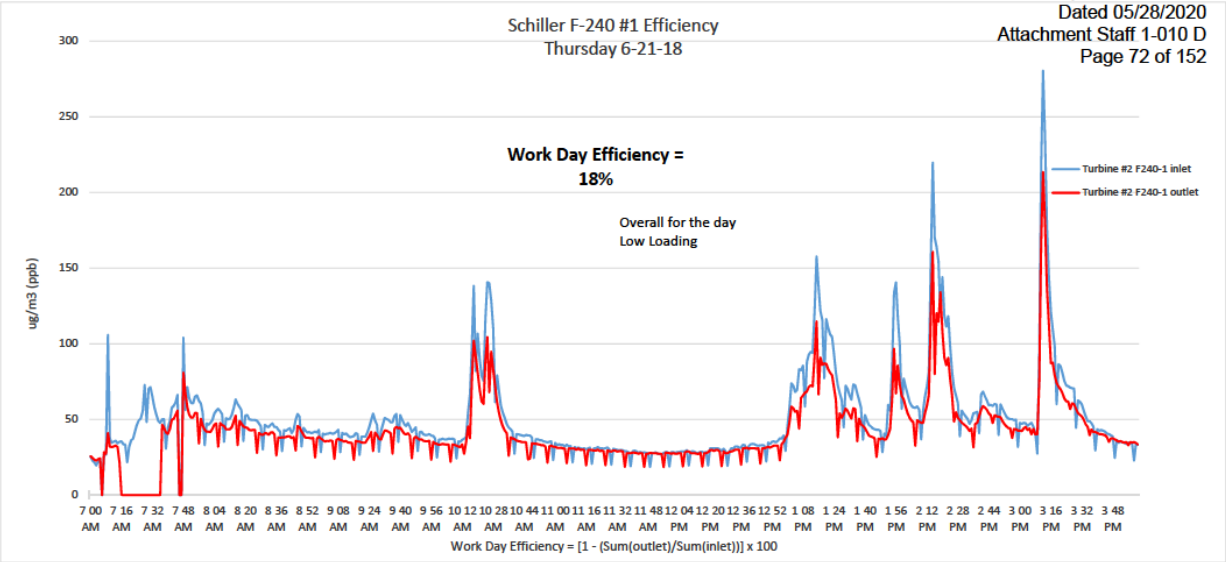

Schiller Hg Emissions
6-16-18 to 6-22-18
B-Duct on
B-duct on
B-duct on
B-duct on
B-duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday
Auto Zero

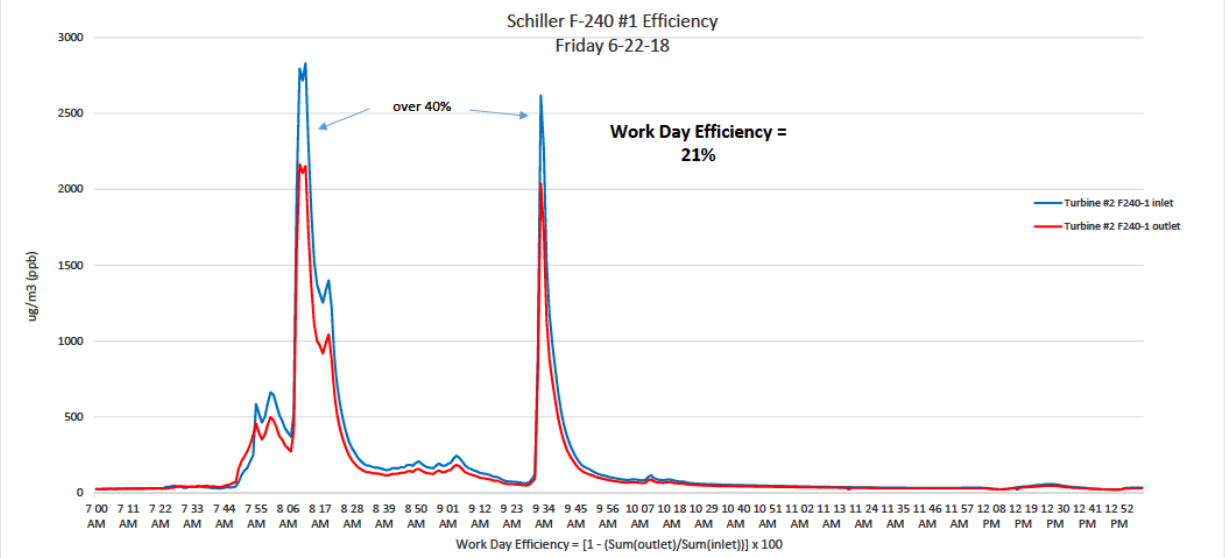

Schiller Hg Emissions
6-16-18 to 6-22-18
6422
6452
6456
6421
6704
6834
6729
Weekly total Hg Emission =
748.29 g or 1.63 % of allowable
2018 Total Hg Emission =
7,993 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

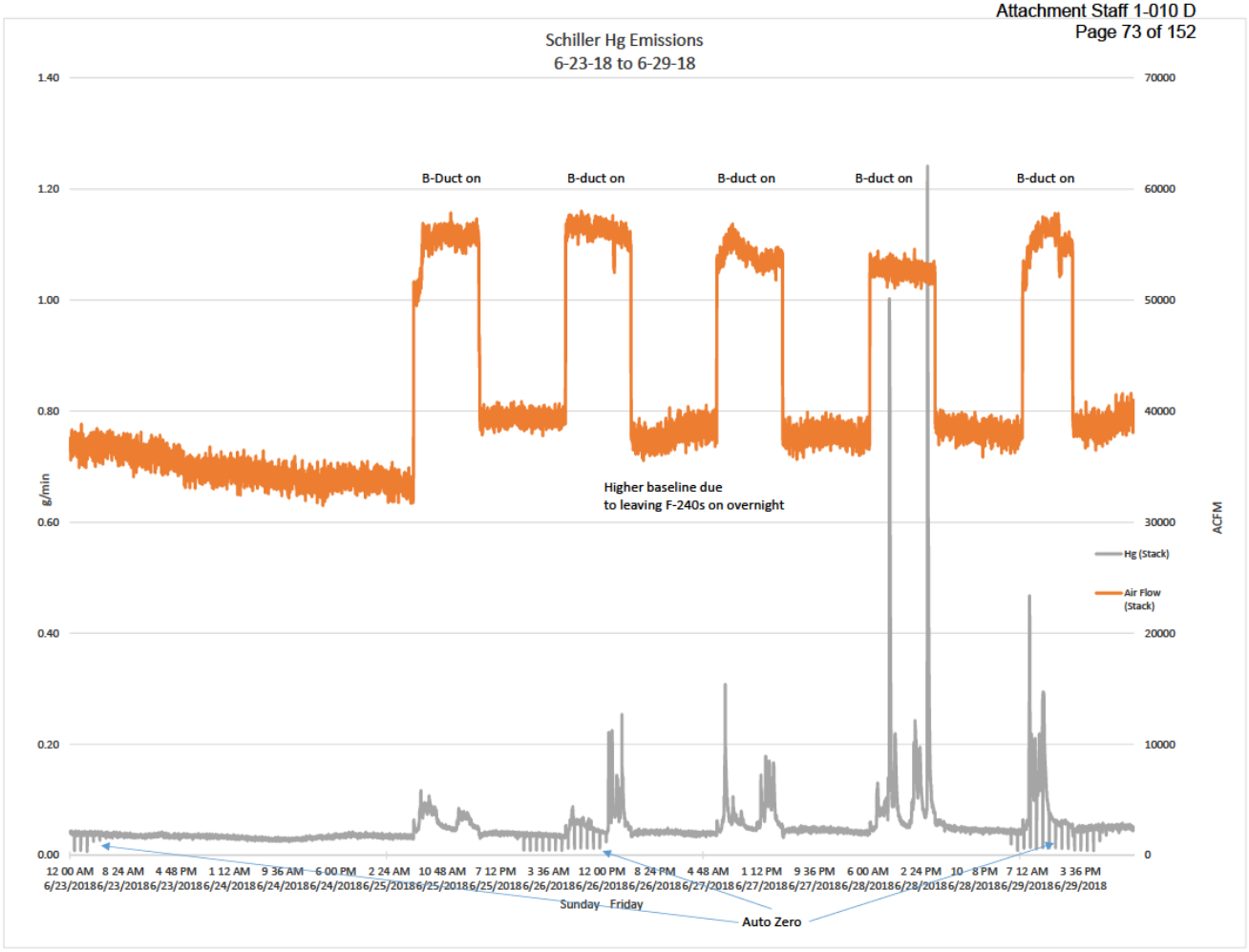

Schiller F-240 #1 Efficiency
Monday 6-18-18
All over 30%
Work Day Efficiency =
21%
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

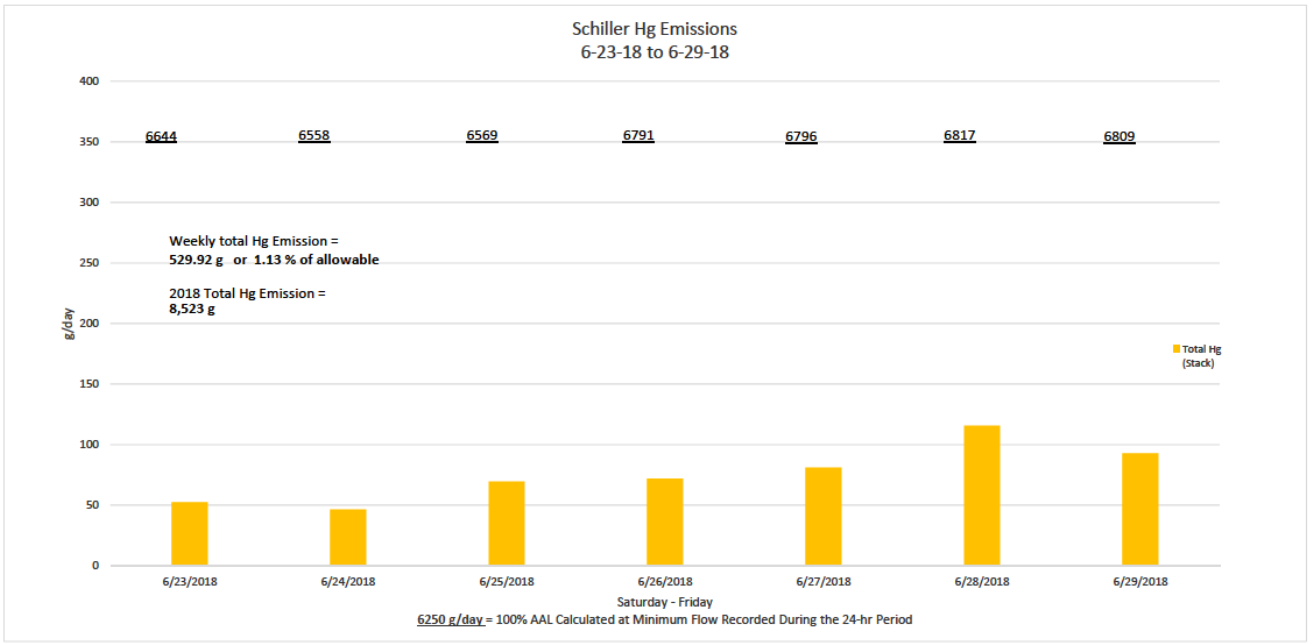

Schiller F-240 #1 Efficiency
Tuesday 6-19-18
Work Day Efficiency =
28 %
40% during
higher loading
Lost communication
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

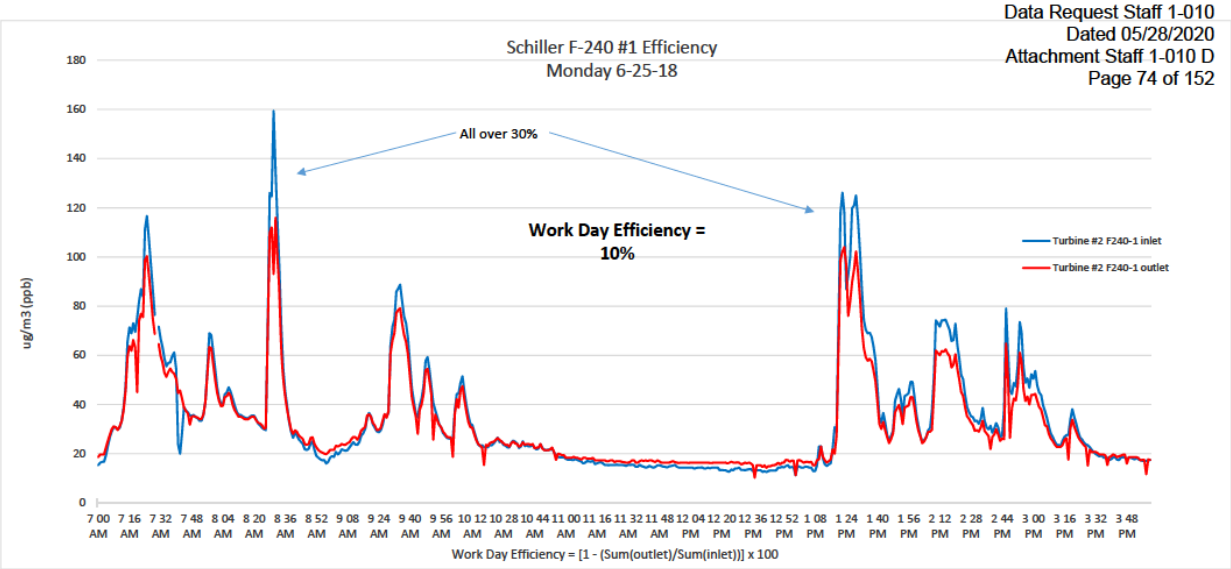

Schiller F-240 #1 Efficiency
Wednesday 6-20-18
Work Day Efficiency =
31 %
30% during
higher loading
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

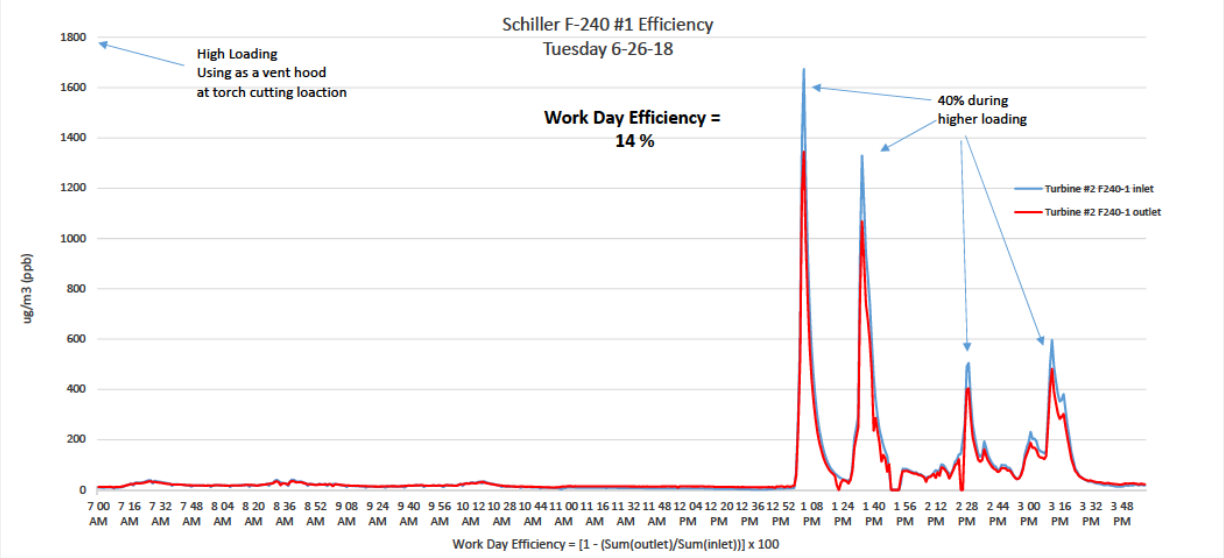

Schiller F-240 #1 Efficiency
Thursday 6-21-18
Work Day Efficiency =
18%
Overall for the day
Low Loading
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

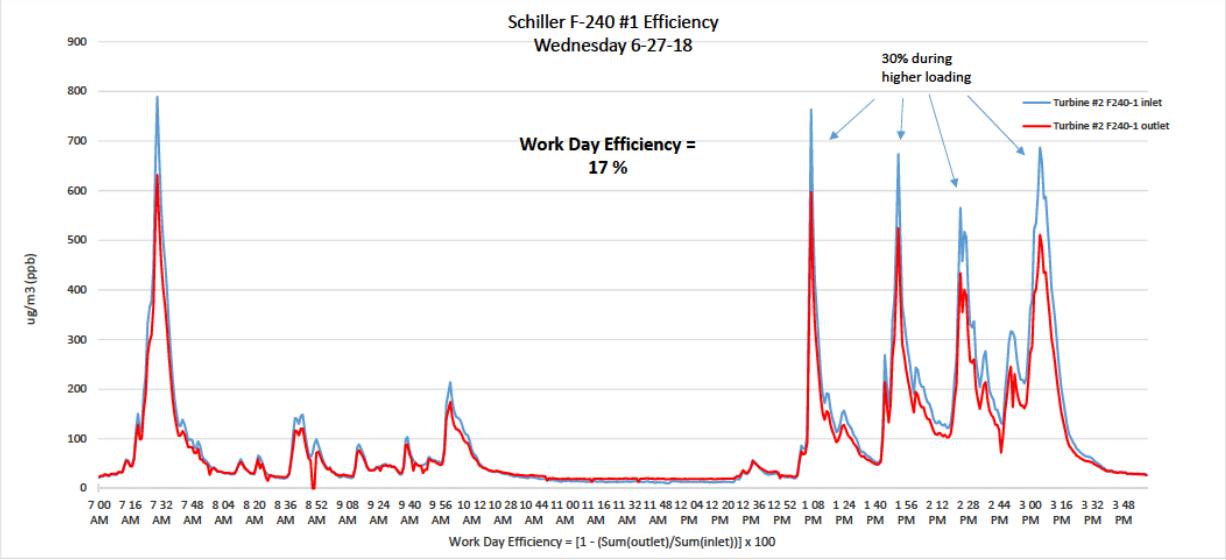

Schiller F-240 #1 Efficiency
Friday 6-22-18
over 40%
Work Day Efficiency =
21%
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

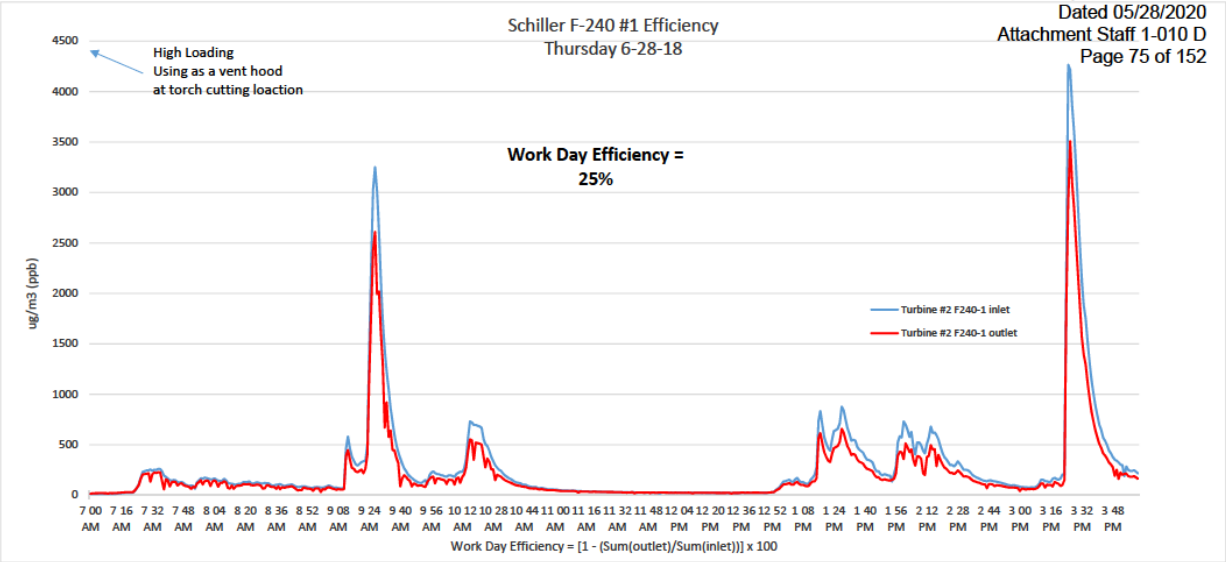

Schiller Hg Emissions
6-23-18 to 6-29-18
B-Duct on
B-duct on
B-duct on
B-duct on
B-duct on
Higher baseline due
to leaving F-240s on overnight
g/min
ACFM
Hg (Stack)
Air Flow
(Stack)
Sunday
Friday
Auto Zero

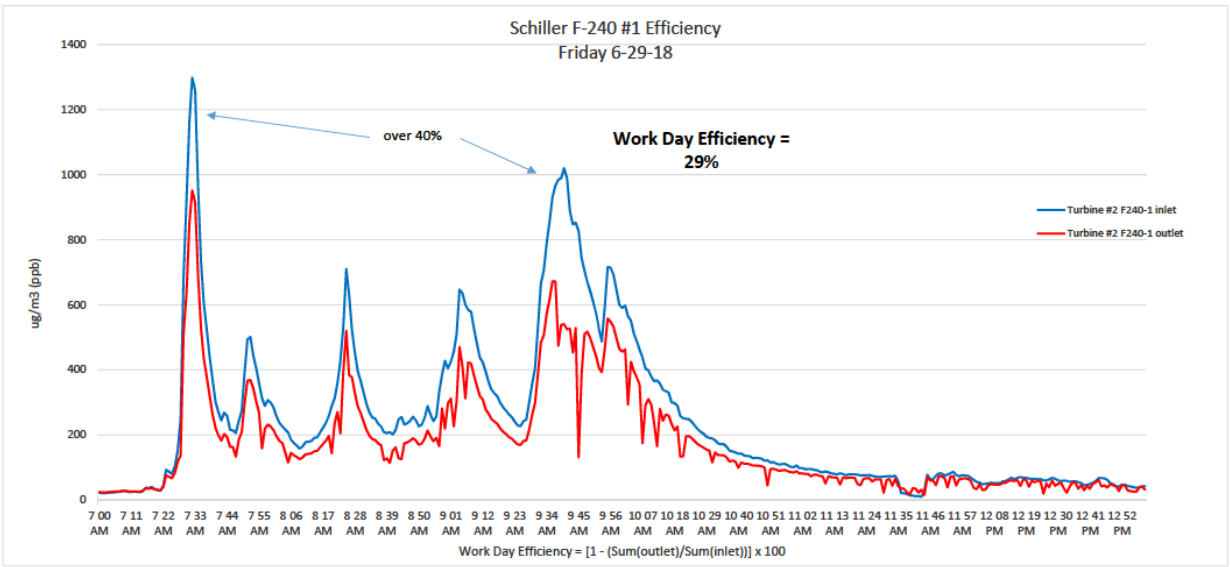

Schiller Hg Emissions
6-23-18 to 6-29-18
6644
6558
6569
6791
6796
6817
6809
Weekly total Hg Emission =
529.92 g or 1.13 % of allowable
2018 Total Hg Emission =
8,523 g
g/day
Total Hg
(Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

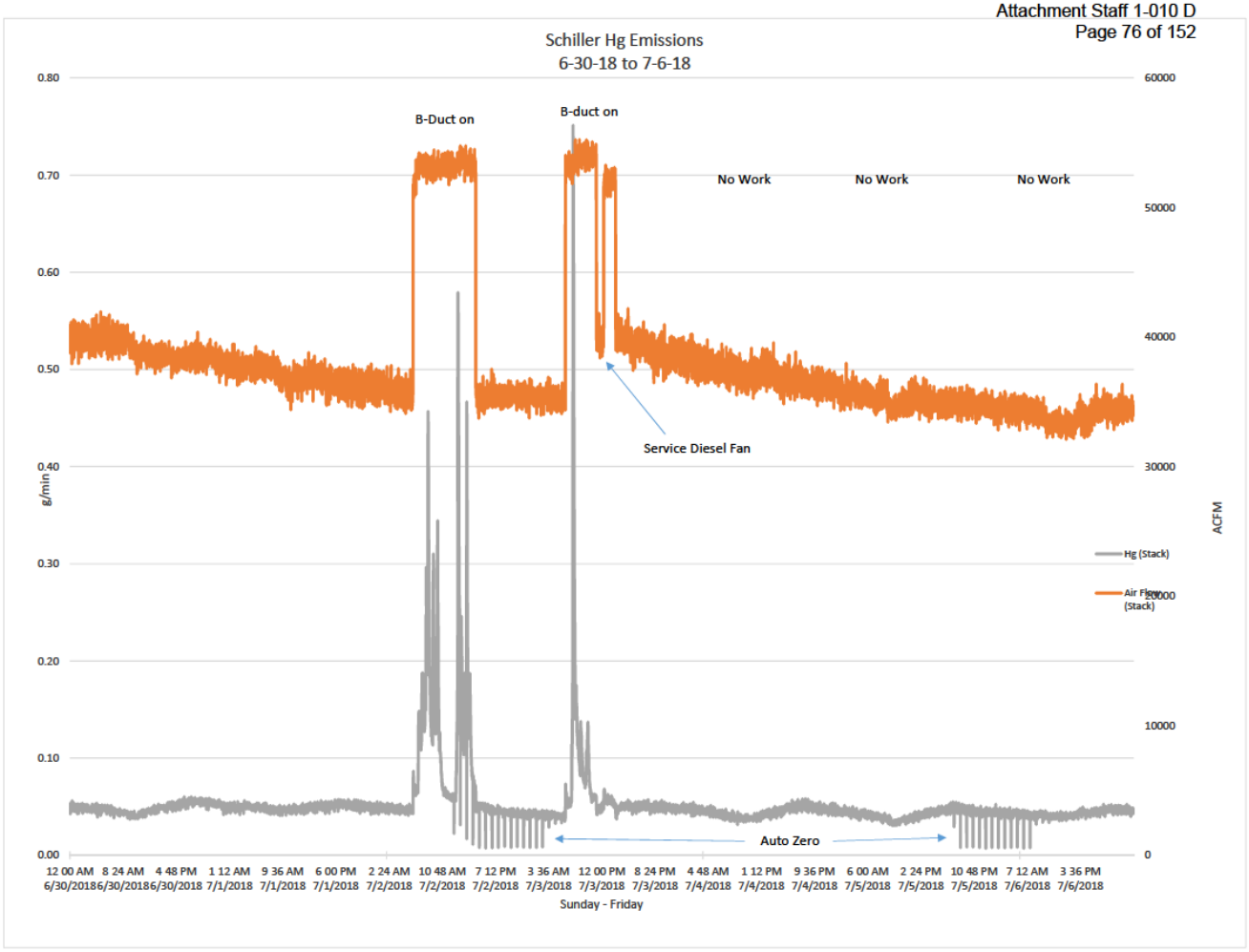

Schiller F-240 #1 Efficiency
Monday 6-25-18
All over 30%
Work Day Efficiency =
10%
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

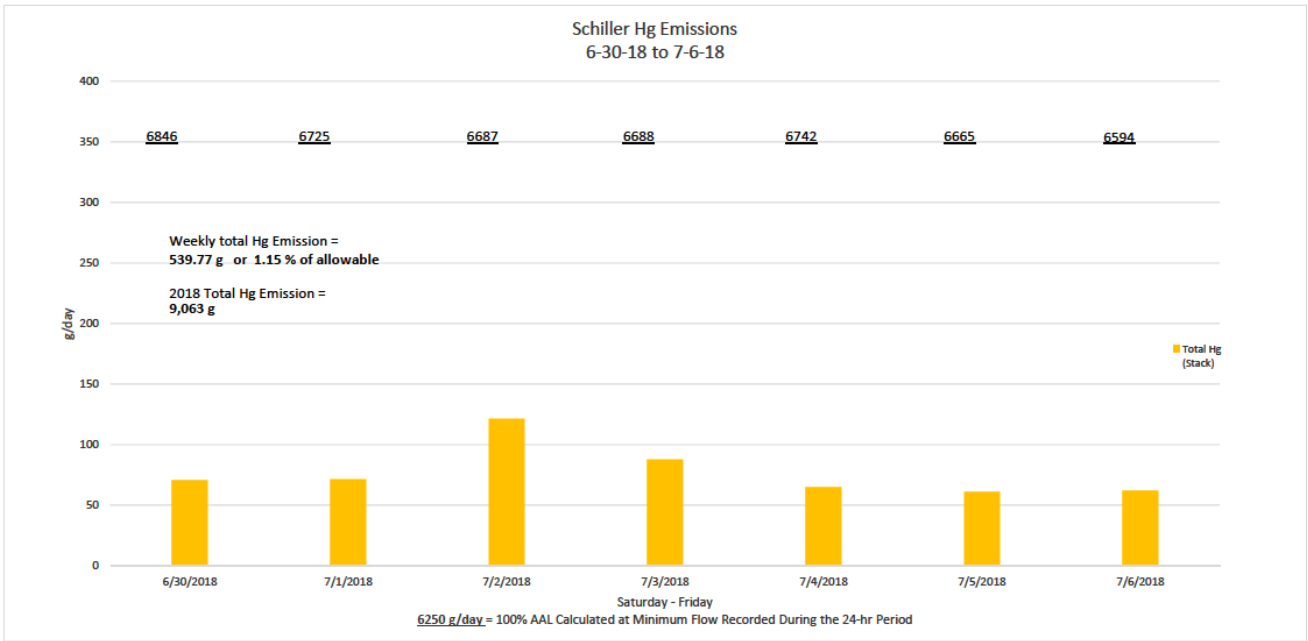

Schiller F-240 #1 Efficiency
Tuesday 6-26-18
High Loading
Using as a vent hood
at torch cutting loaction
Work Day Efficiency =
14 %
40% during
higher loading
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

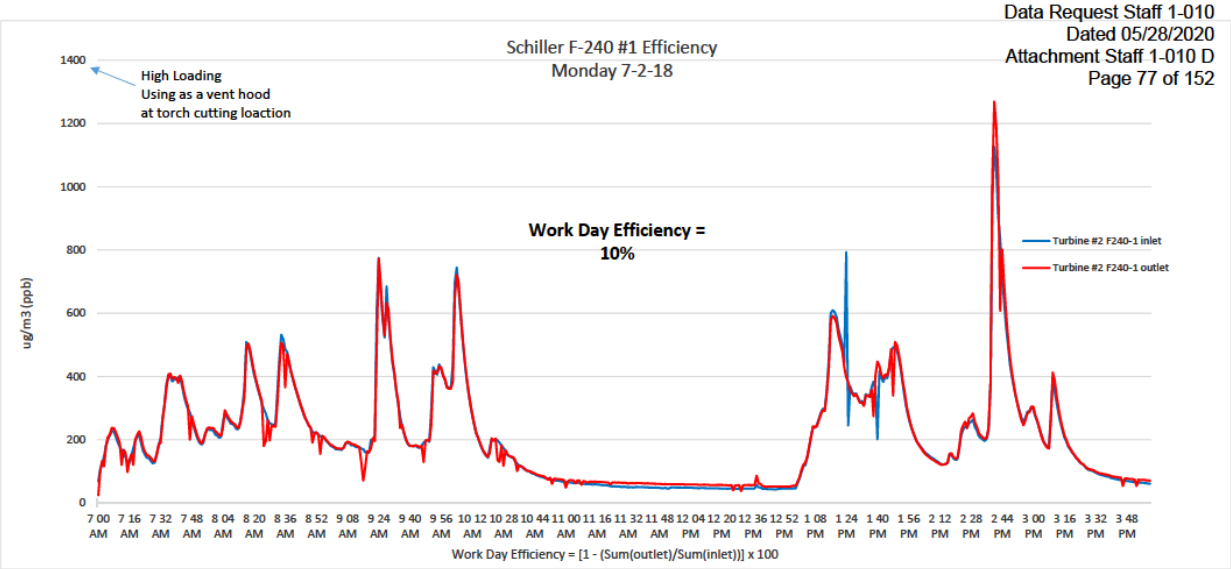

Schiller F-240 #1 Efficiency
Wednesday 6-27-18
30% during
higher loading
Work Day Efficiency =
17 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

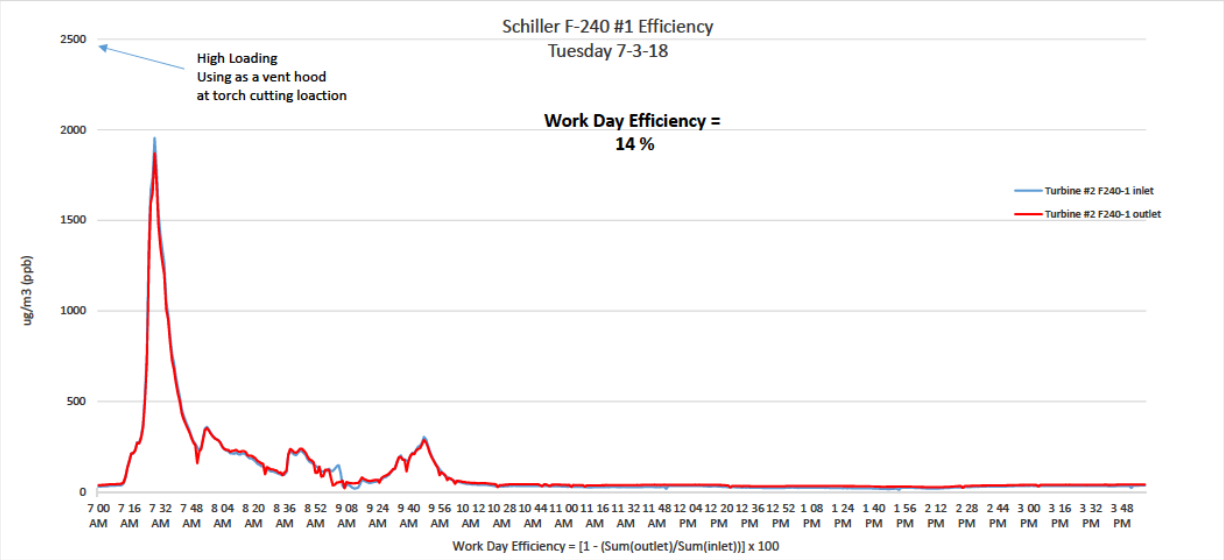

Schiller F-240 #1 Efficiency
Thursday 6-28-18
High Loading
Using as a vent hood
at torch cutting loaction
Work Day Efficiency =
25%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

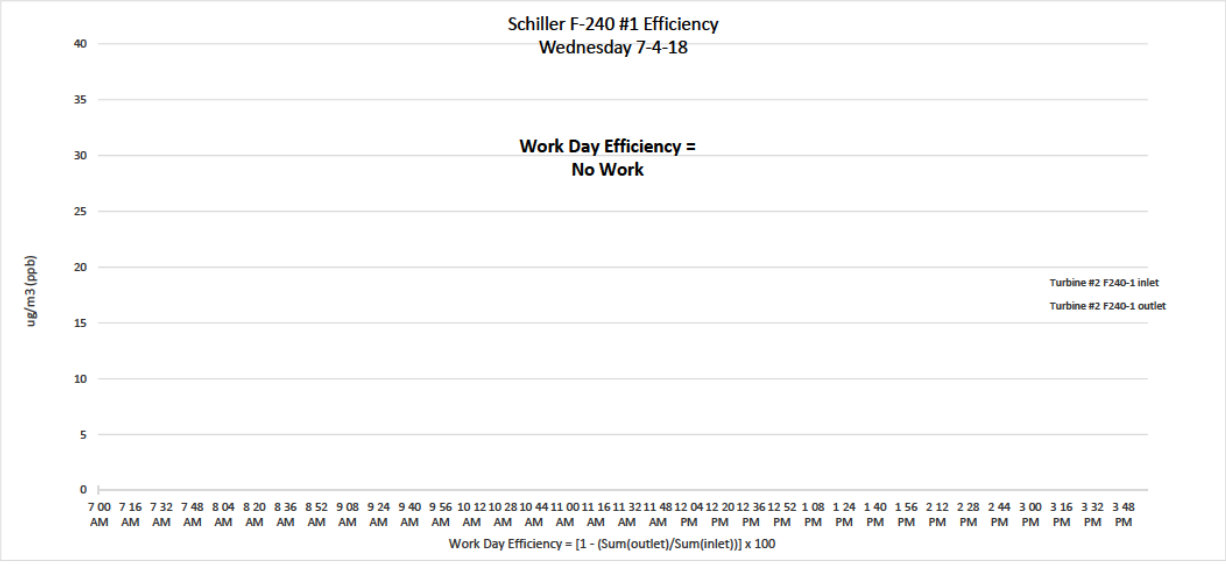

Schiller F-240 #1 Efficiency
Friday 6-29-18
over 40%
Work Day Efficiency =
29%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

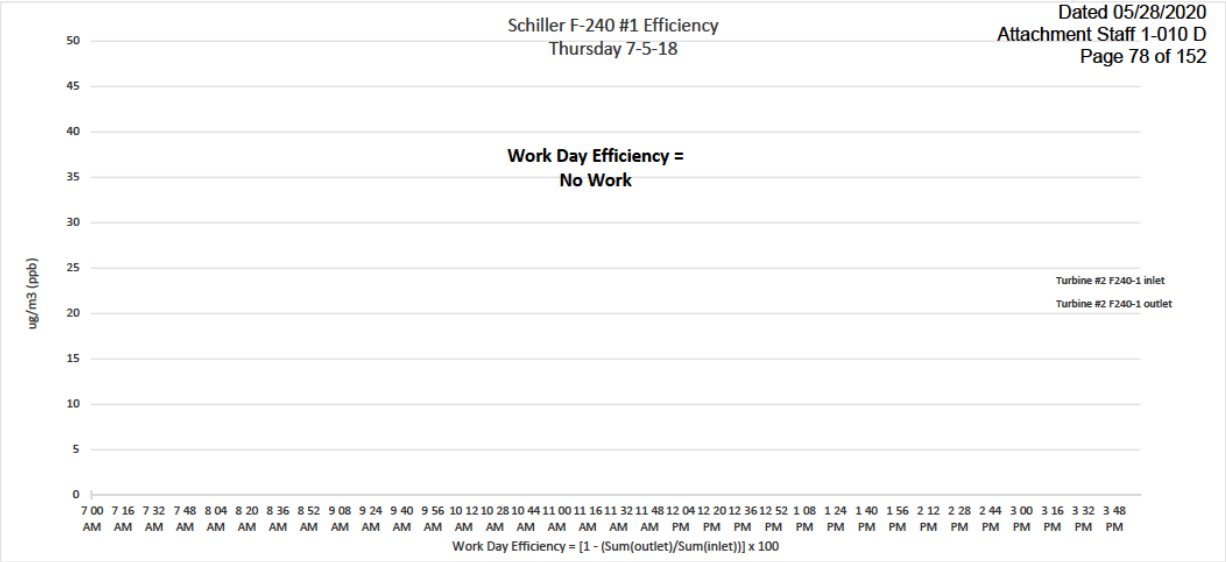

Schiller Hg Emissions
6-30-18 to 7-6-18
B-Duct on
B-duct on
No Work
No Work
No Work
Service Diesel Fan
Auto Zero
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

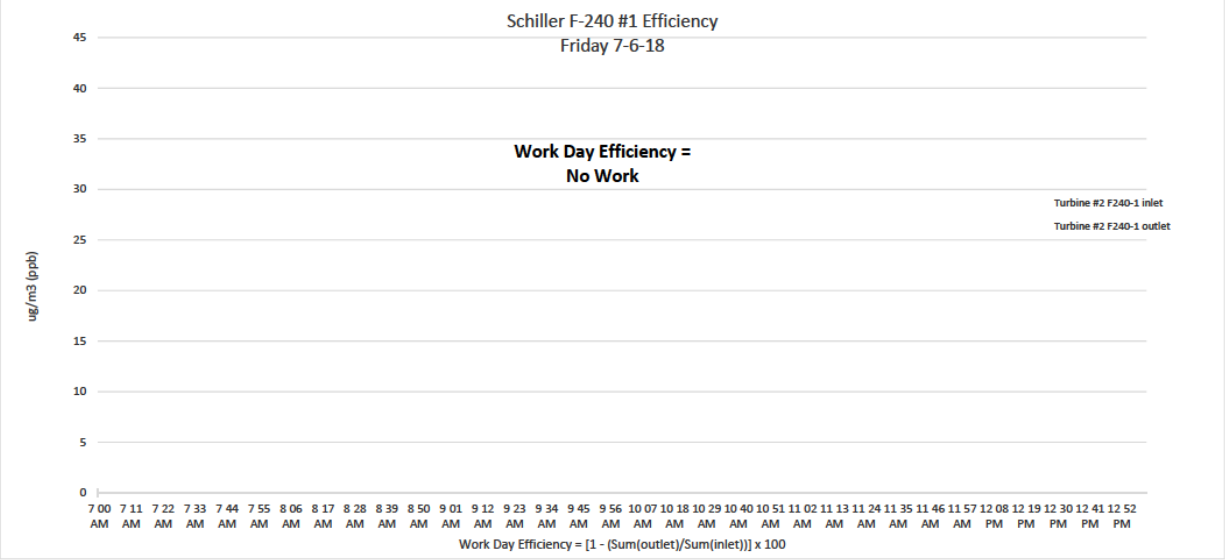

Schiller Hg Emissions
6-30-18 to 7-6-18
6846
6725
6687
6688
6742
6665
6594
Weekly total Hg Emission =
539.77 g or 1.15 % of allowable
2018 Total Hg Emission =
9,063 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

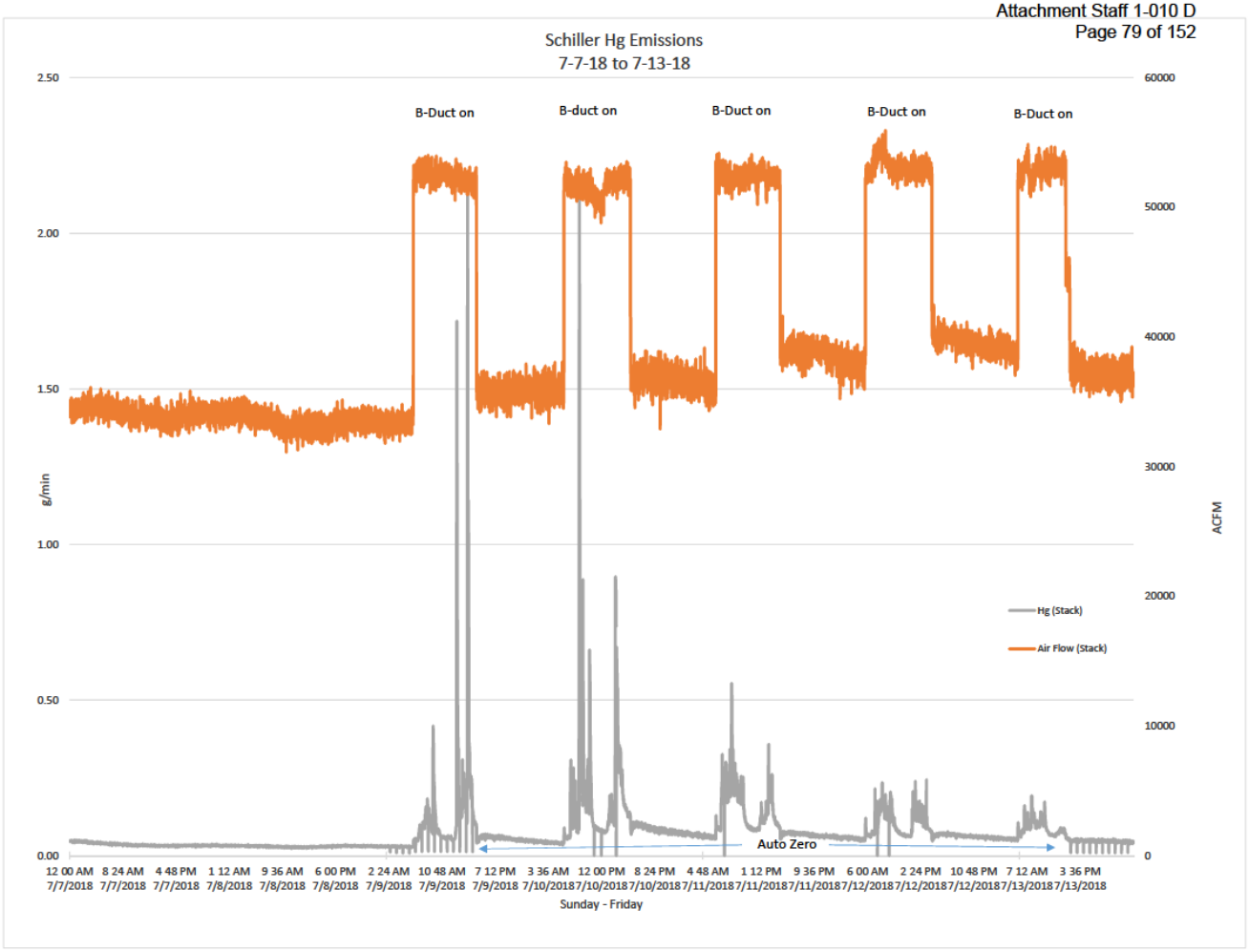

Schiller F-240 #1 Efficiency
Monday 7-2-18
High Loading
Using as a vent hood
at torch cutting loaction
Work Day Efficiency =
10%
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

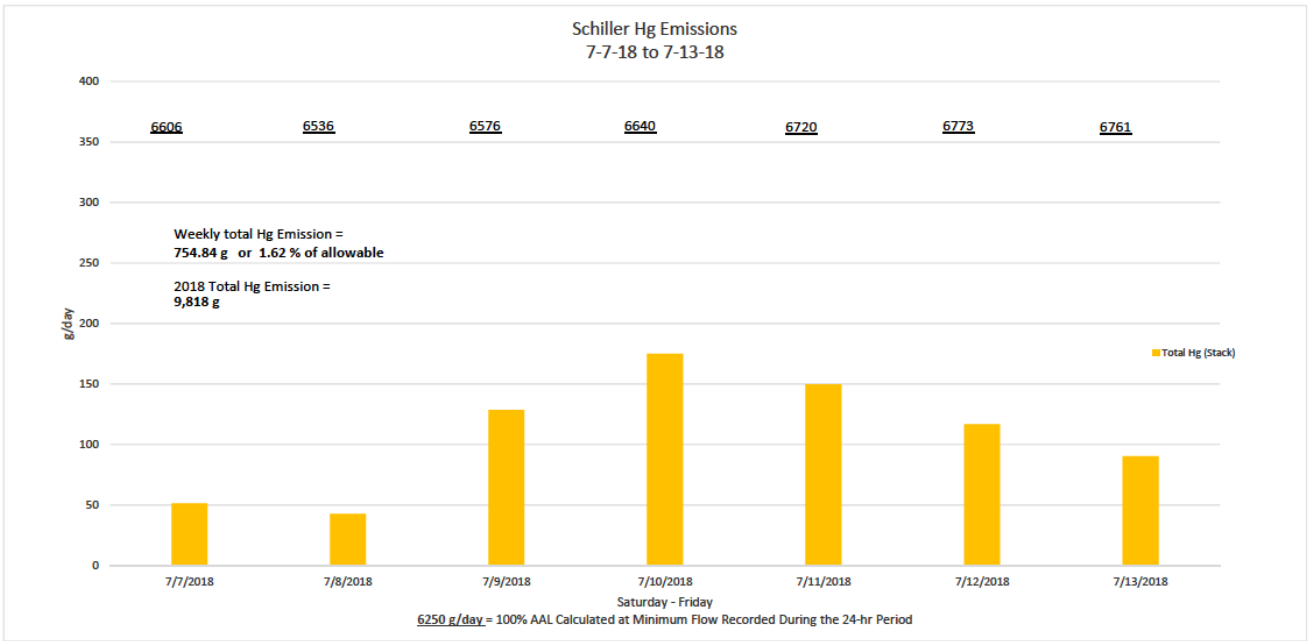

Schiller F-240 #1 Efficiency
Tuesday 7-3-18
High Loading
Using as a vent hood
at torch cutting loaction
Work Day Efficiency =
14 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

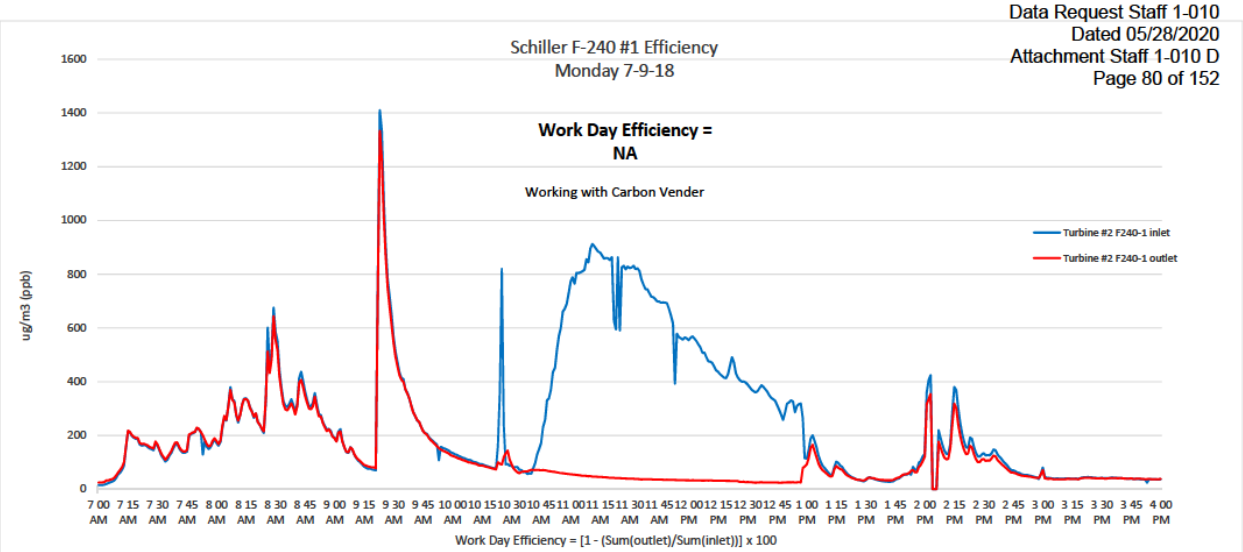

Schiller F-240 #1 Efficiency
Wednesday 7-4-18
Work Day Efficiency =
No Work
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

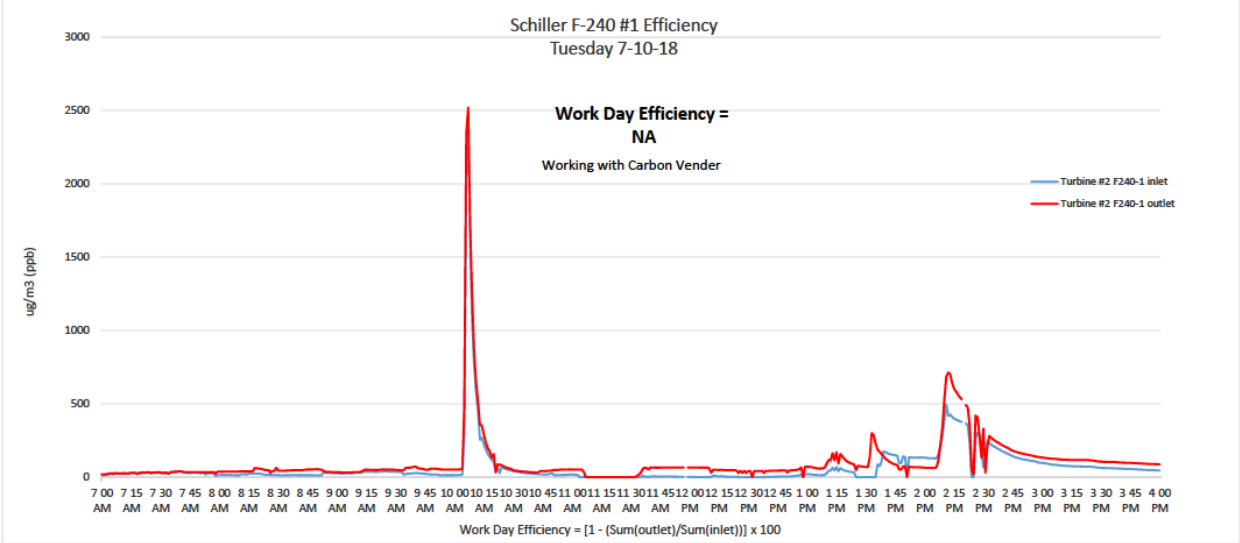

Schiller F-240 #1 Efficiency
Thursday 7-5-18
Work Day Efficiency =
No Work
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

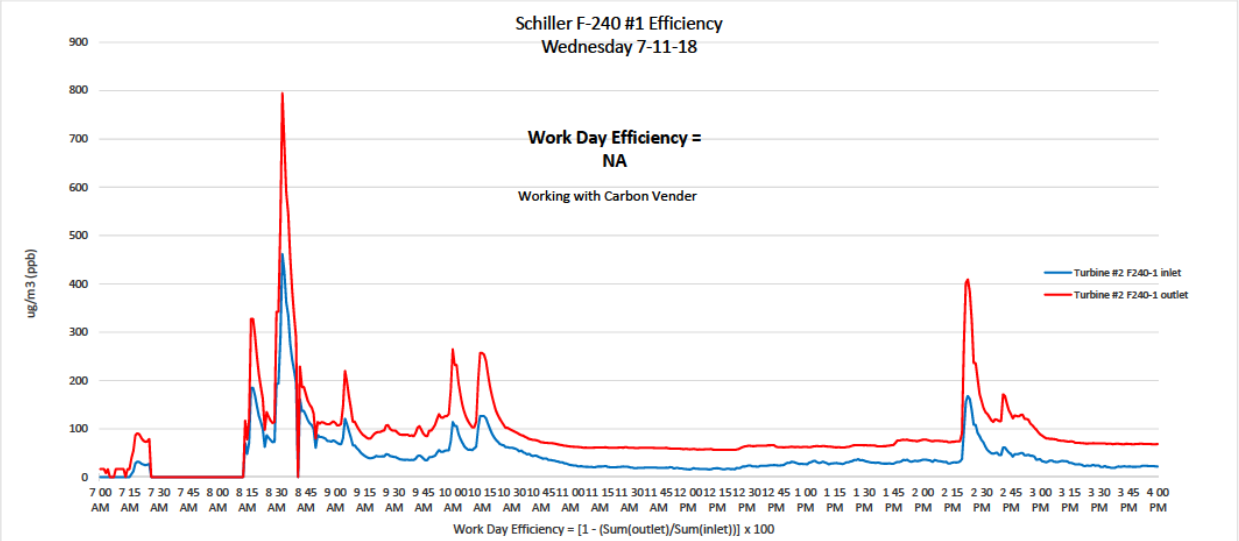

Schiller F-240 #1 Efficiency
Friday 7-6-18
Work Day Efficiency =
No Work
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

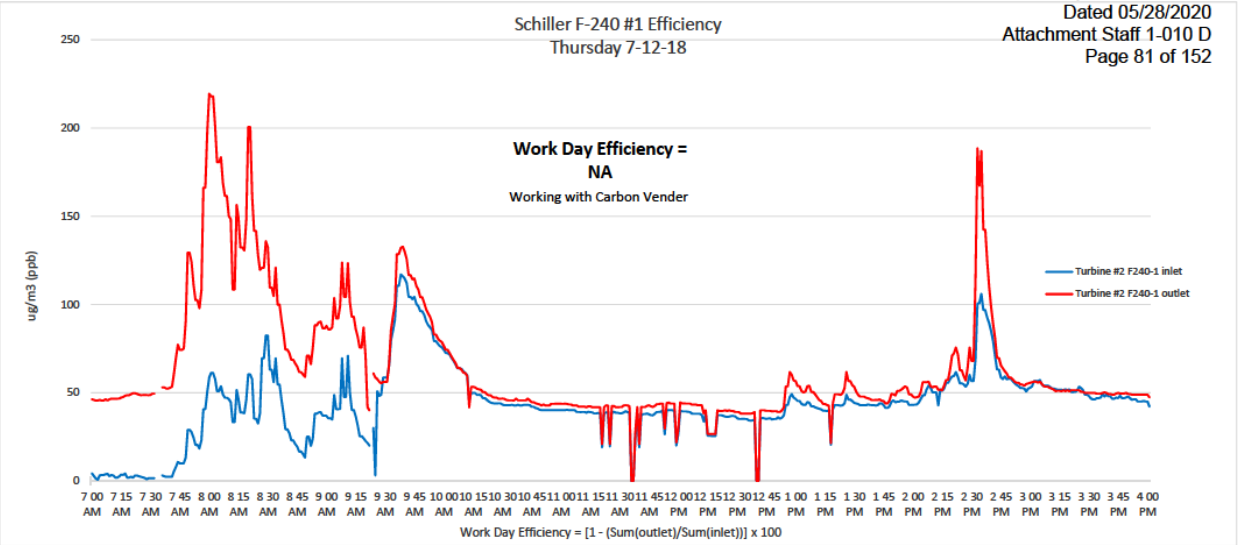

Schiller Hg Emissions
7-7-18 to 7-13-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Auto Zero
Sunday - Friday

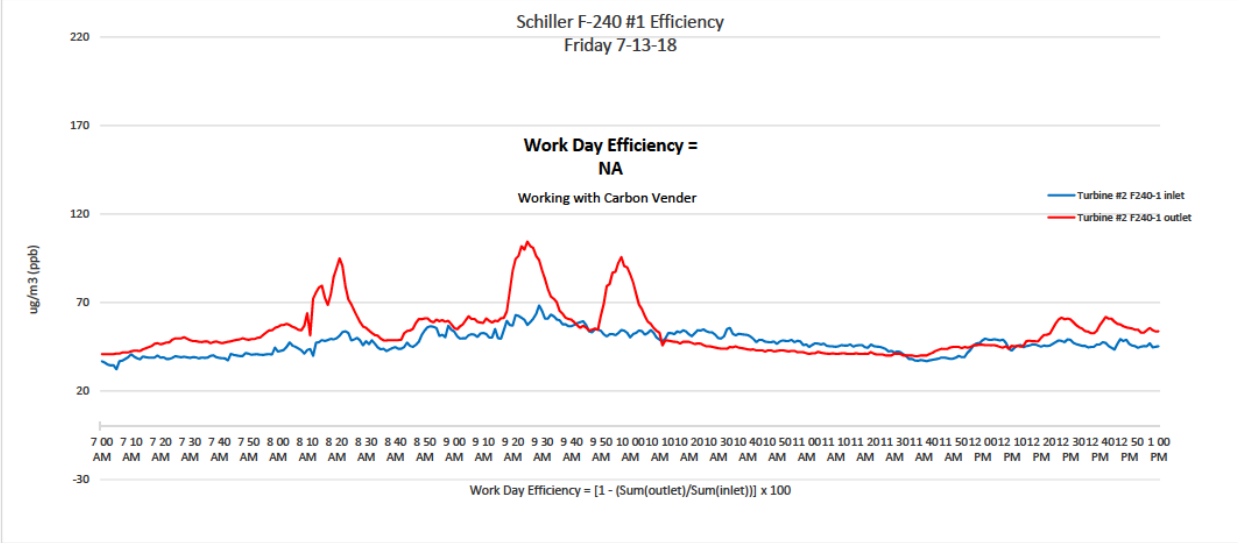

Schiller Hg Emissions
7-7-18 to 7-13-18
6606
6536
6576
6640
6720
6773
6761
Weekly total Hg Emission =
754.84 g or 1.62 % of allowable
2018 Total Hg Emission =
9,818 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

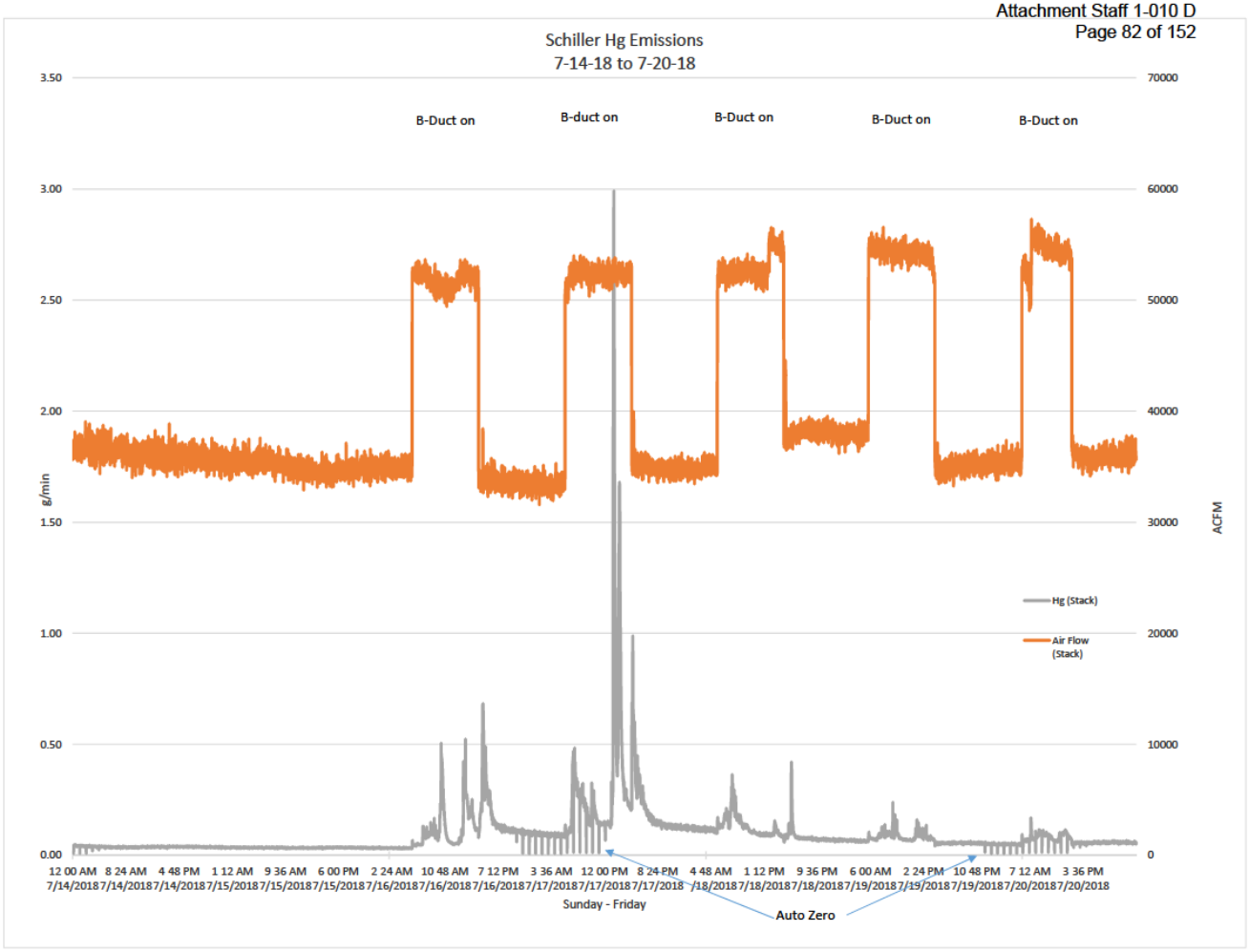

Schiller F-240 #1 Efficiency
Monday 7-9-18
Work Day Efficiency =
NA
Working with Carbon Vender
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

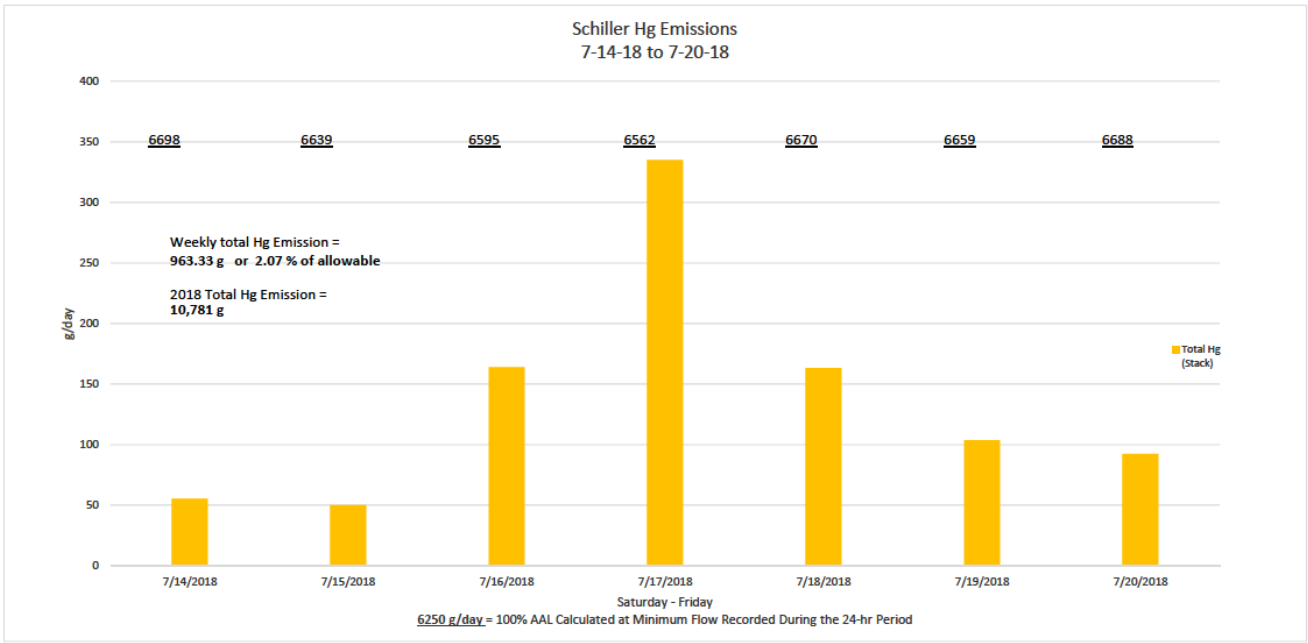

Schiller F-240 #1 Efficiency
Tuesday 7-10-18
Work Day Efficiency =
NA
Working with Carbon Vender
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

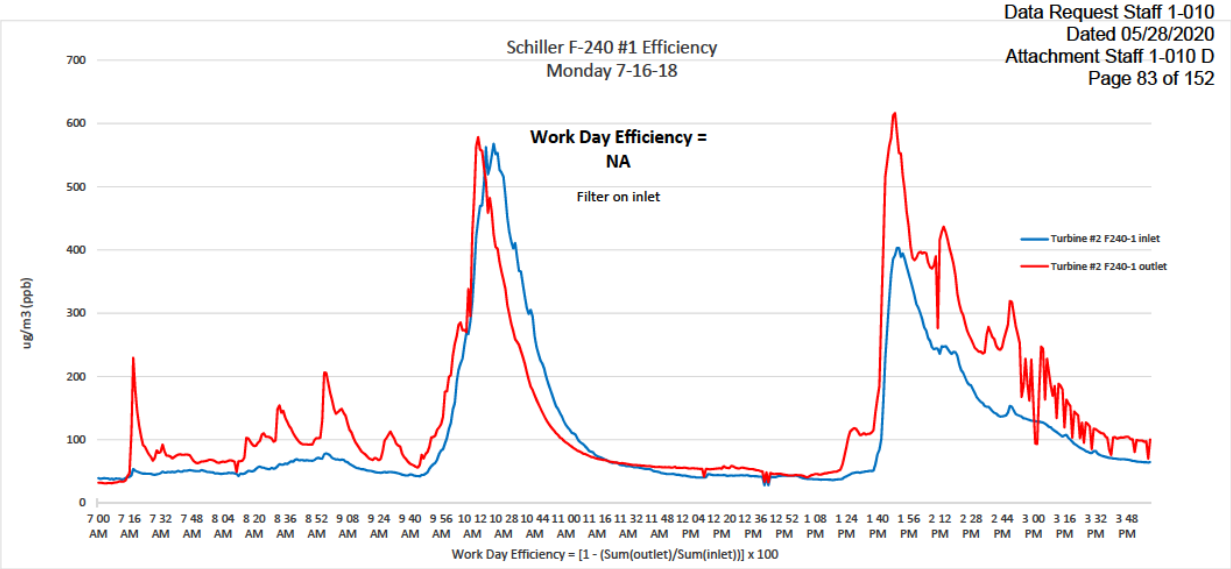

Schiller F-240 #1 Efficiency
Wednesday 7-11-18
Work Day Efficiency =
NA
Working with Carbon Vender
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

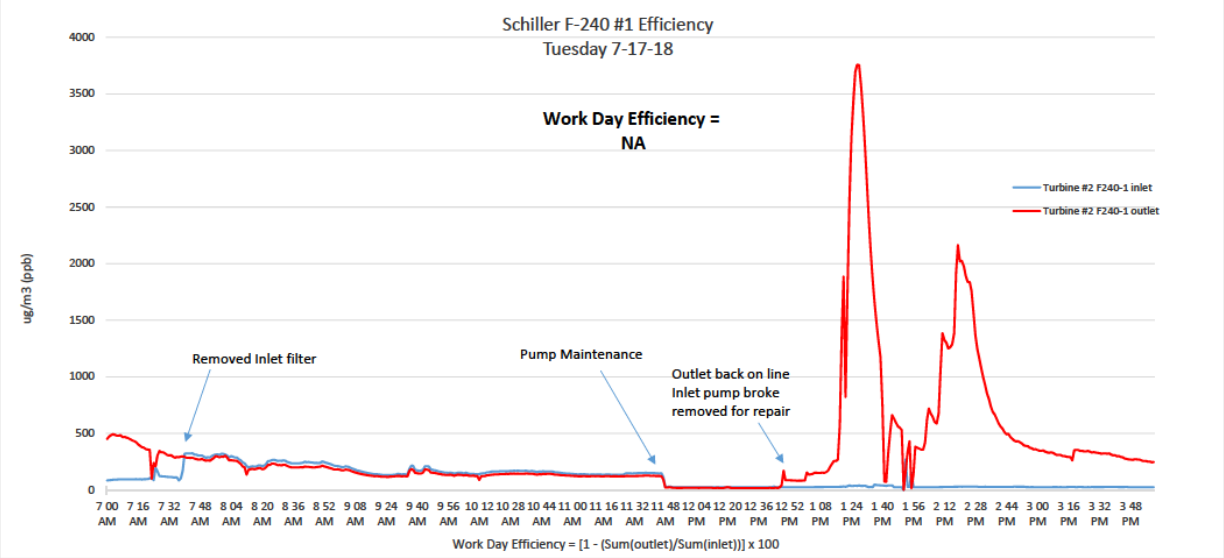

Schiller F-240 #1 Efficiency
Thursday 7-12-18
Work Day Efficiency =
NA
Working with Carbon Vender
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

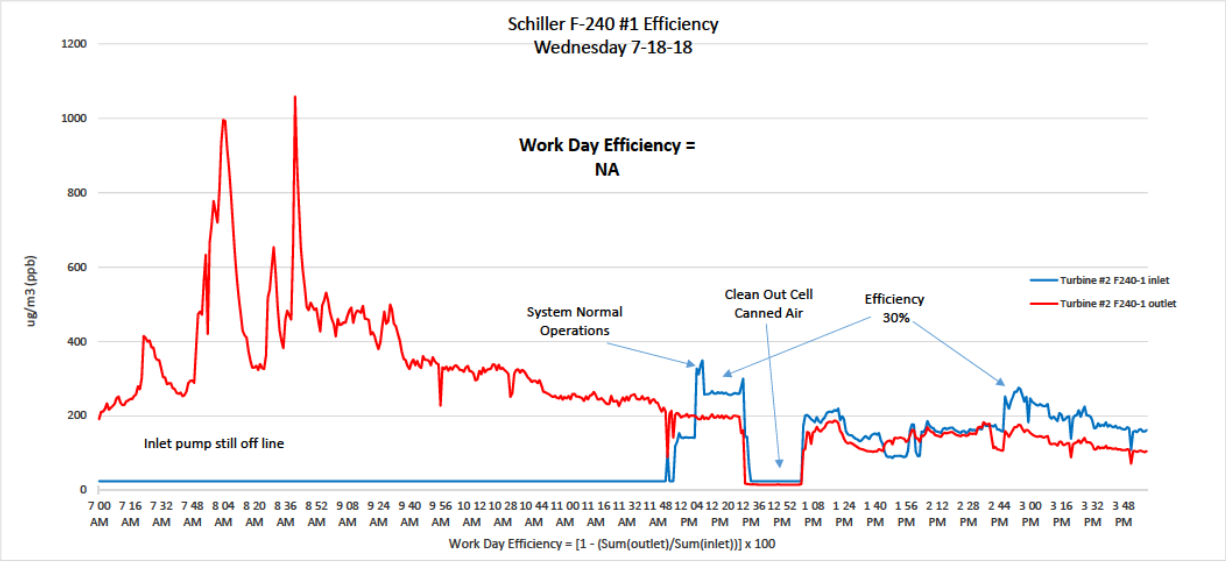

Schiller F-240 #1 Efficiency
Friday 7-13-18
Work Day Efficiency =
NA
Working with Carbon Vender
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

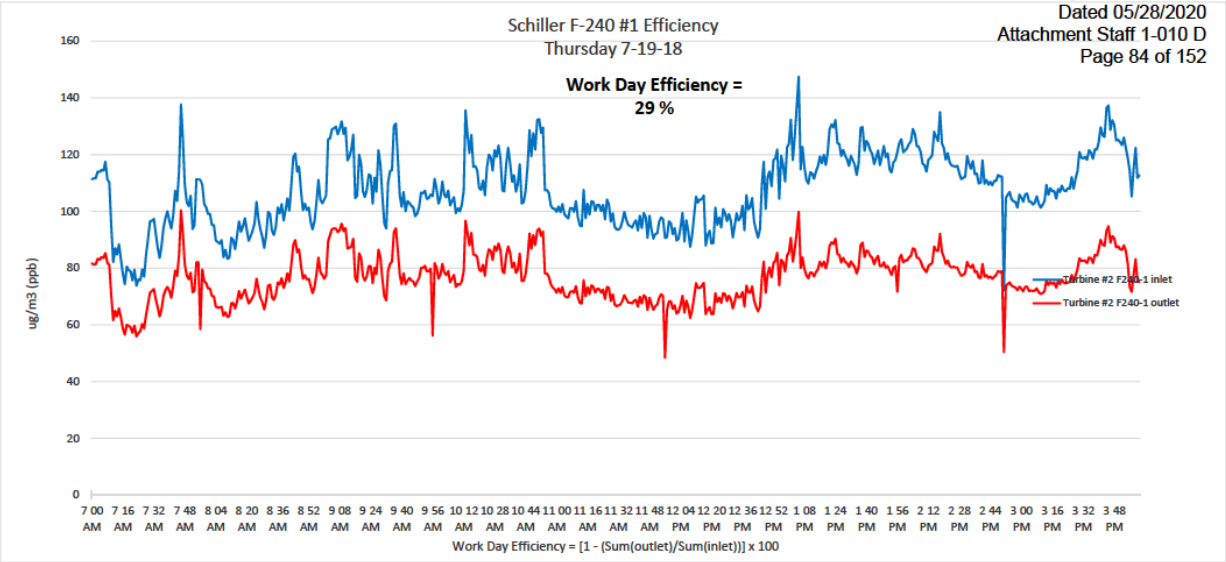

Schiller Hg Emissions
7-14-18 to 7-20-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday
Auto Zero

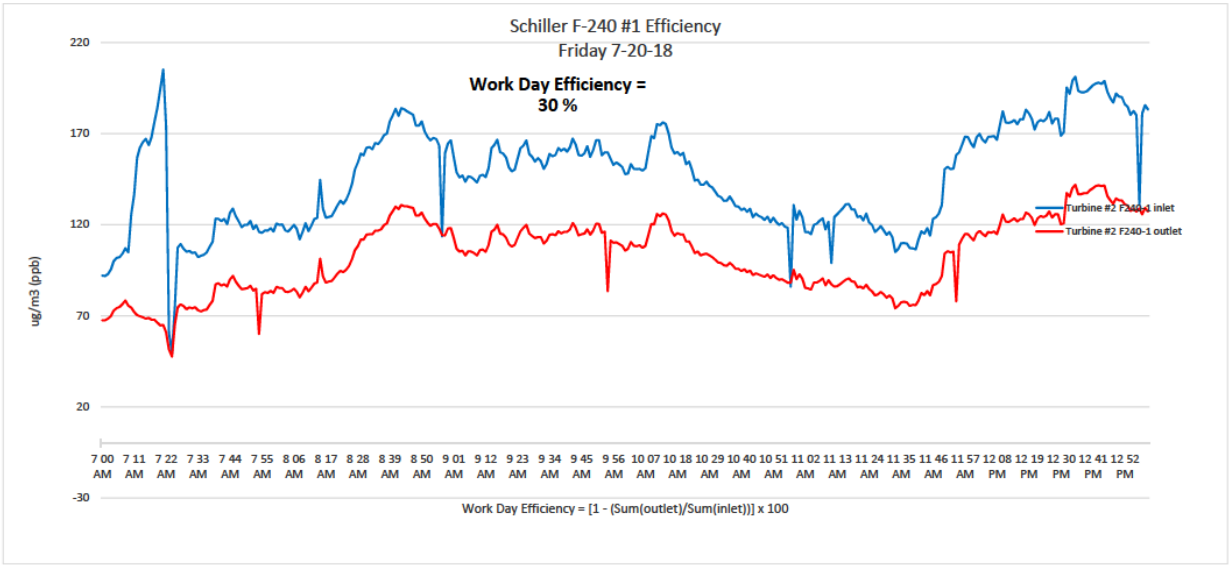

Schiller Hg Emissions
7-14-18 to 7-20-18
6698
6639
6595
6562
6670
6659
6688
Weekly total Hg Emission =
963.33 g or 2.07 % of allowable
2018 Total Hg Emission =
10,781 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

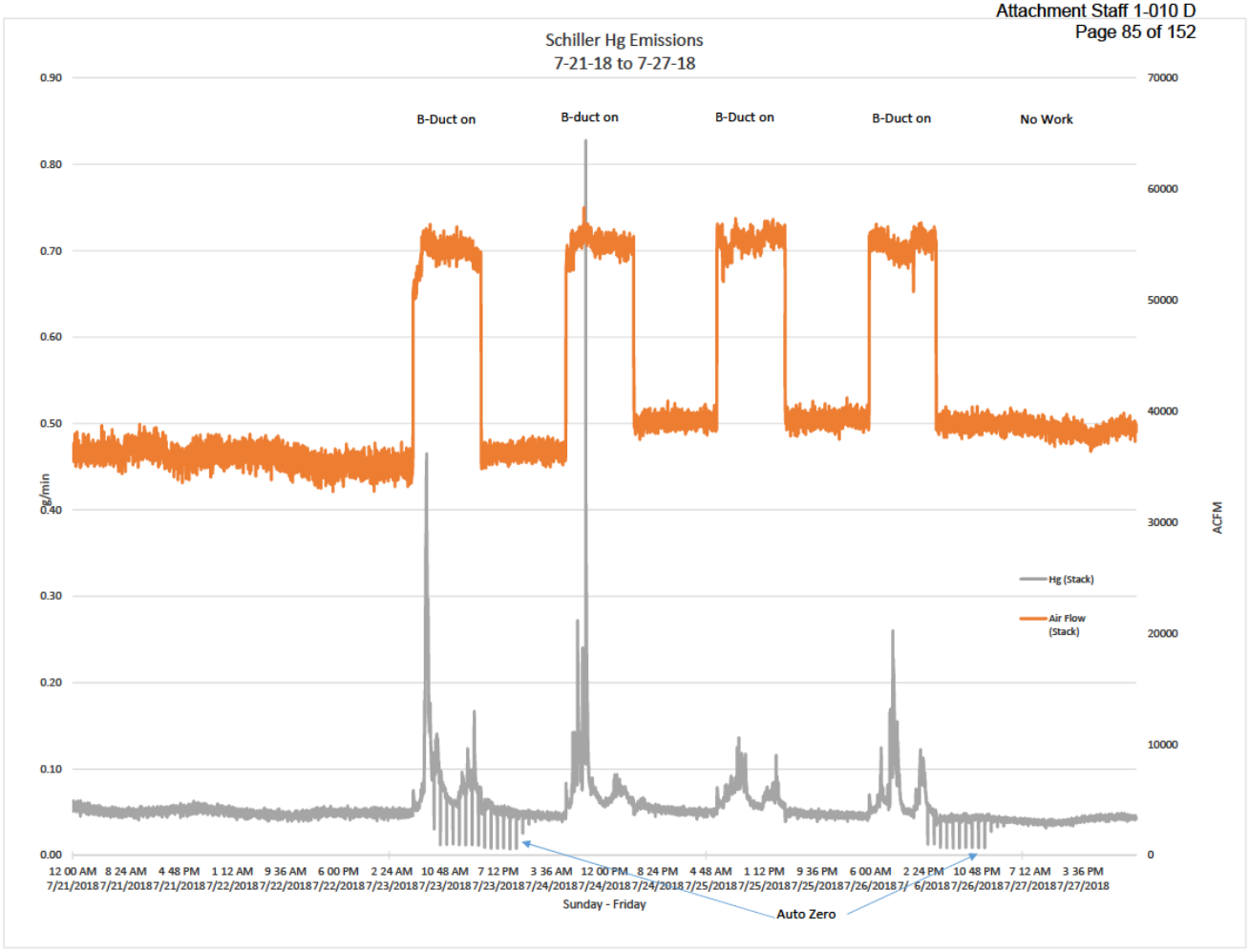

Schiller F-240 #1 Efficiency
Monday 7-16-18
Work Day Efficiency =
NA
Filter on inlet
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

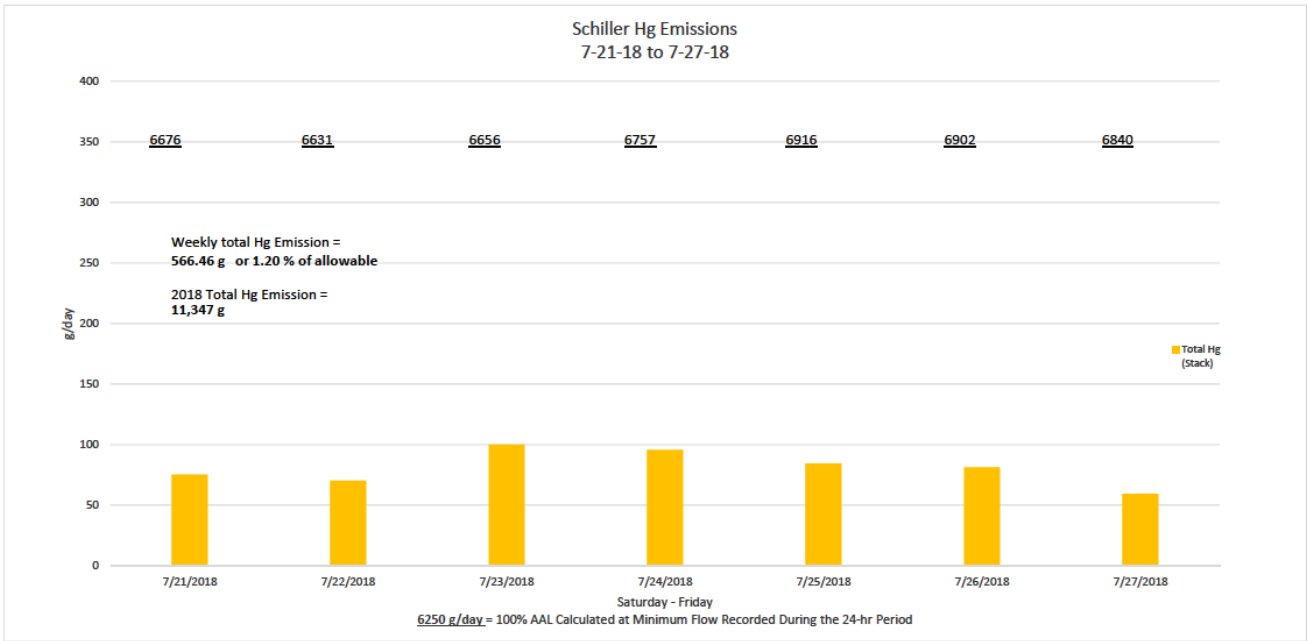

Schiller F-240 #1 Efficiency
Tuesday 7-17-18
Work Day Efficiency =
NA
Removed Inlet filter
Pump Maintenance
Outlet back on line
Inlet pump broke
removed for repair
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

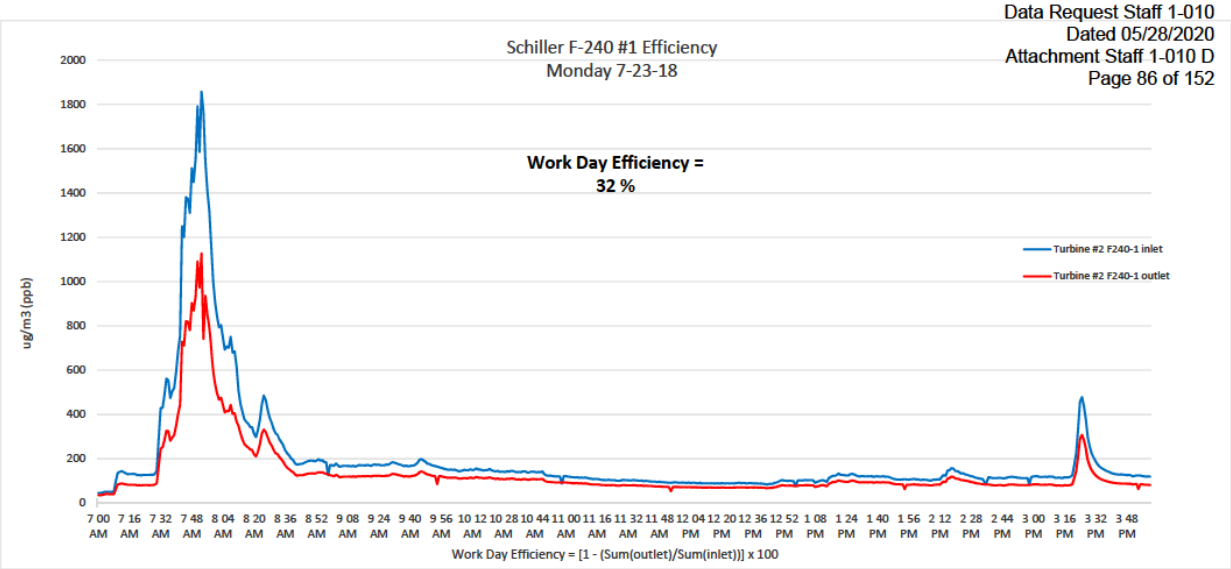

Schiller F-240 #1 Efficiency
Wednesday 7-18-18
Work Day Efficiency =
NA
System Normal
Operations
Clean Out Cell
Canned Air
Efficiency
30%
Inlet pump still off line
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

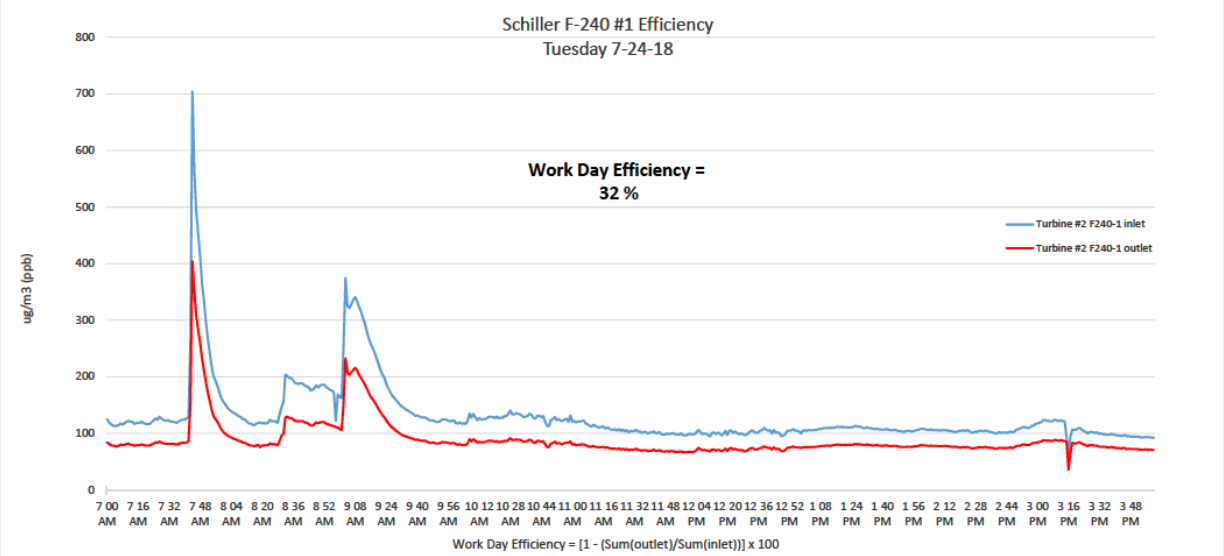

Schiller F-240 #1 Efficiency
Thursday 7-19-18
Work Day Efficiency =
29 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

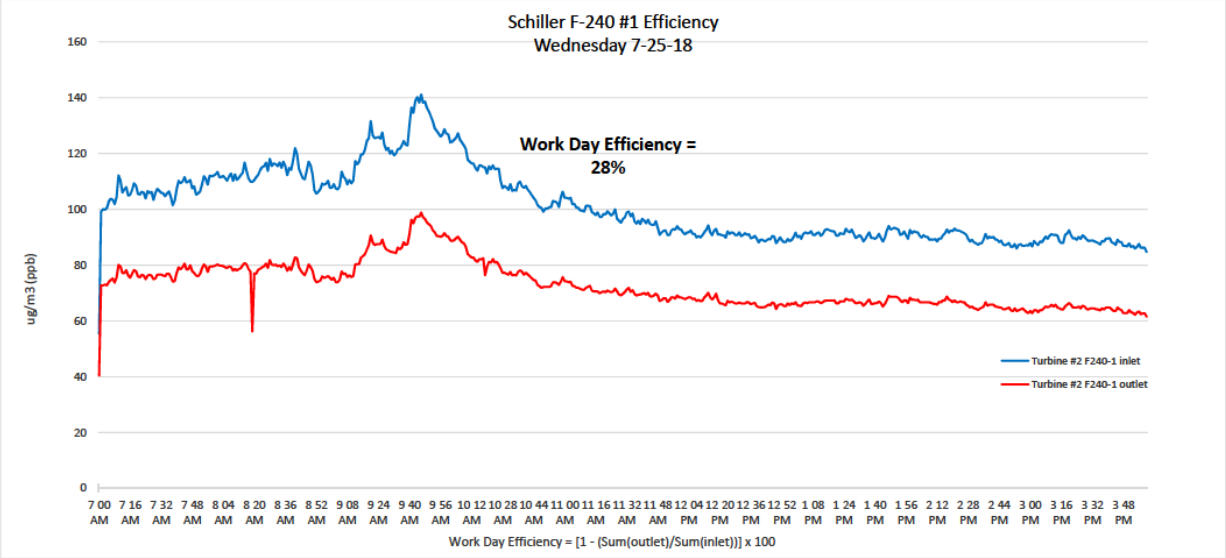

Schiller F-240 #1 Efficiency
Friday 7-20-18
Work Day Efficiency =
30 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

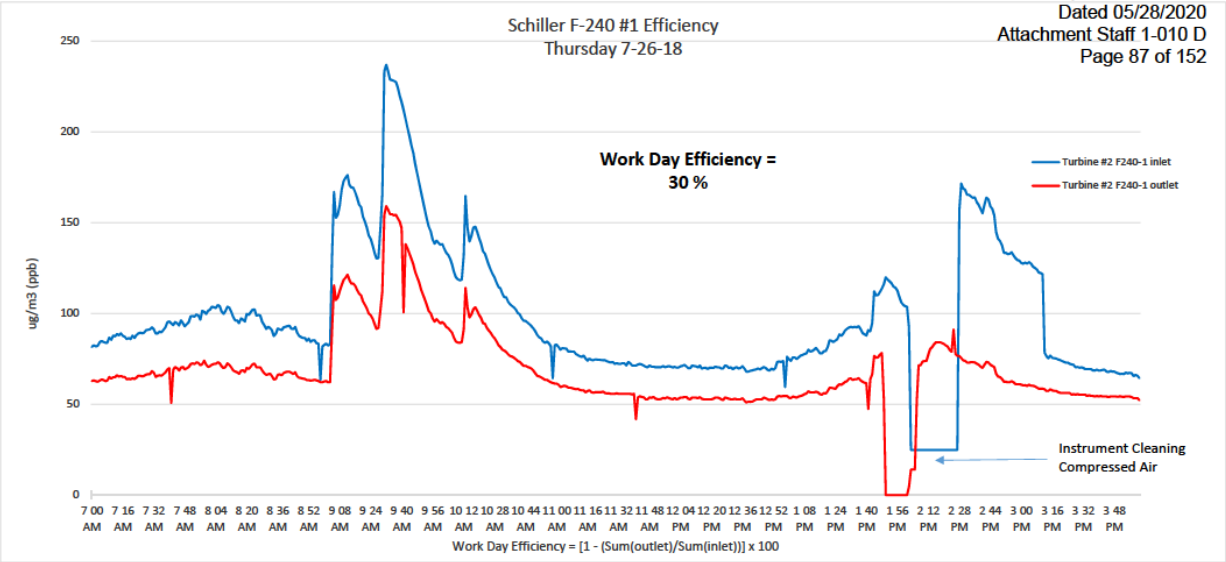

Schiller Hg Emissions
7-21-18 to 7-27-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
No Work
ug/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday
Auto Zero

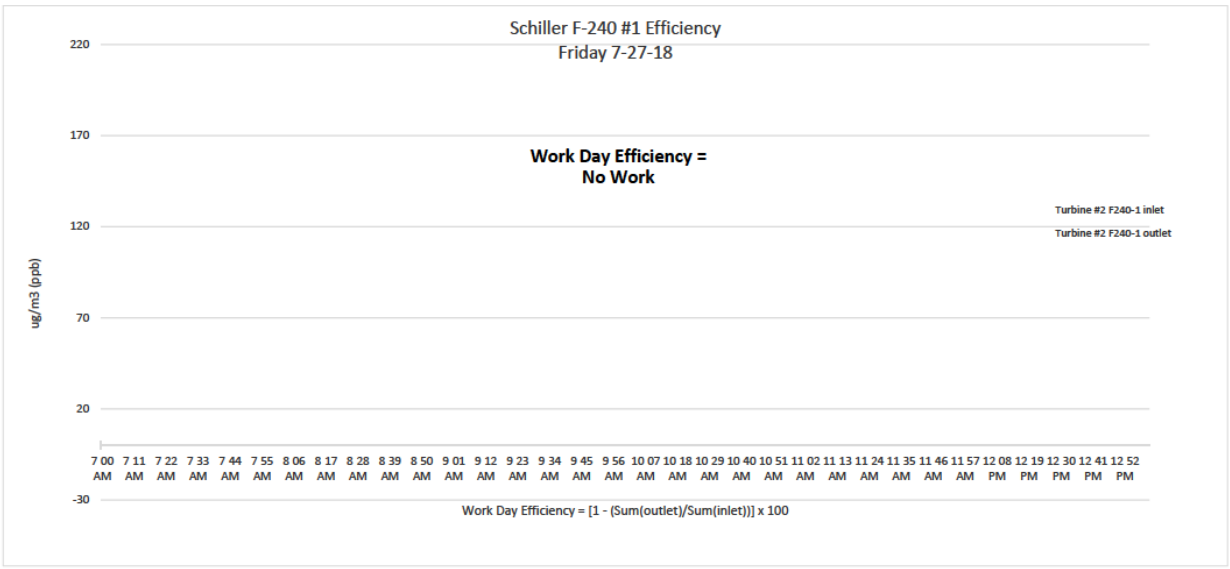

Schiller Hg Emissions
7-21-18 to 7-27-18
6676
6631
6656
6757
6916
6902
6840
Weekly total Hg Emission =
566.46 g or 1.20 % of allowable
2018 Total Hg Emission =
11,347 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

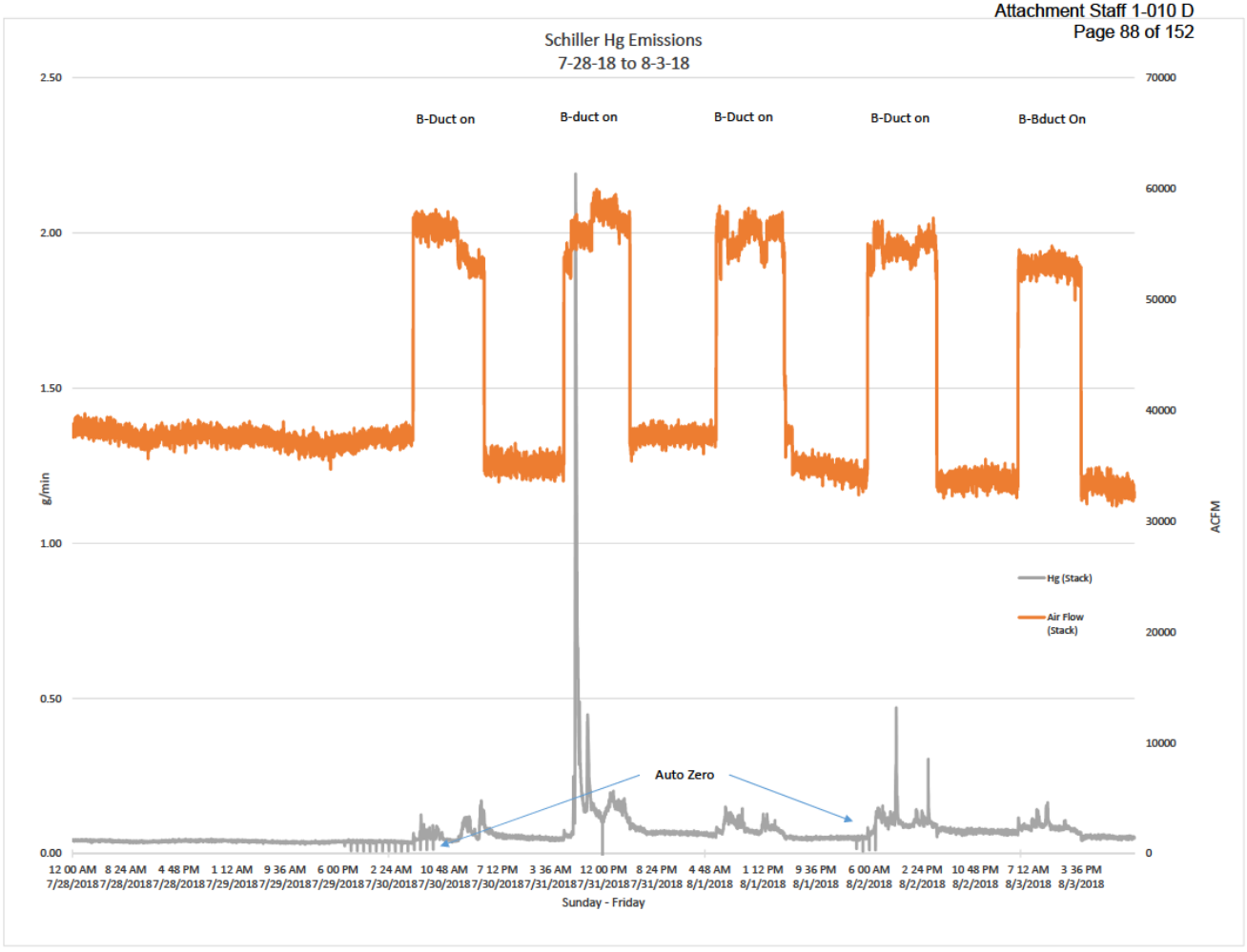

Schiller F-240 #1 Efficiency
Monday 7-23-18
Work Day Efficiency =
32 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

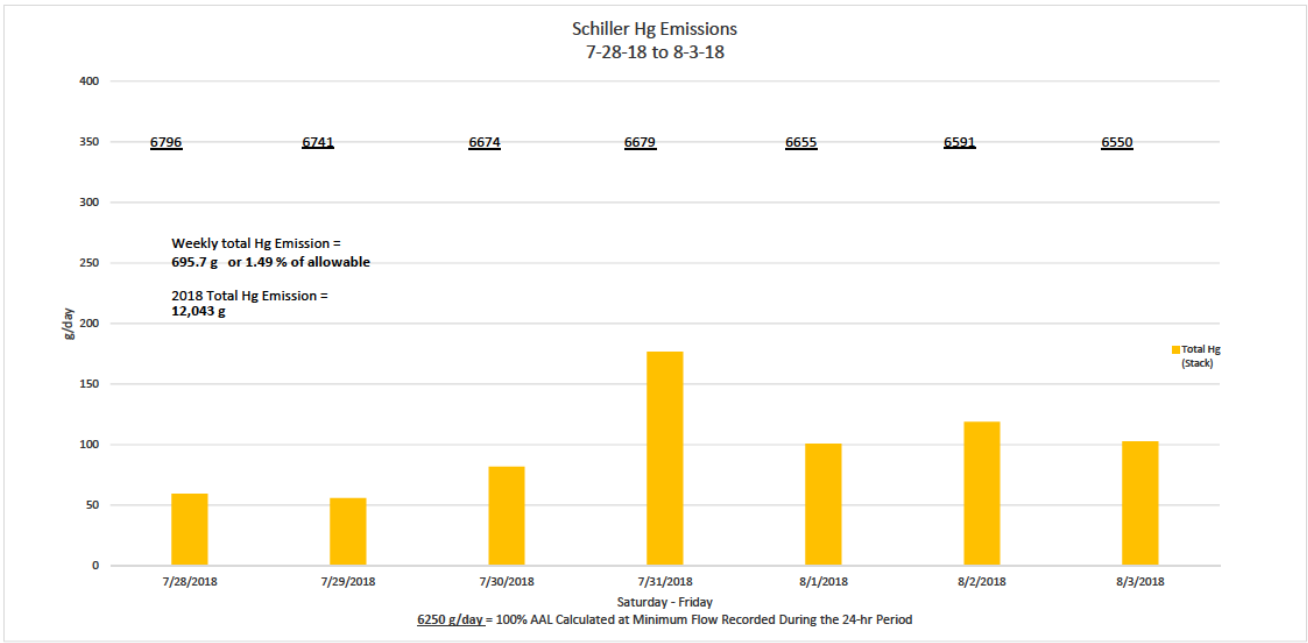

Schiller F-240 #1 Efficiency
Tuesday 7-24-18
Work Day Efficiency =
32 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

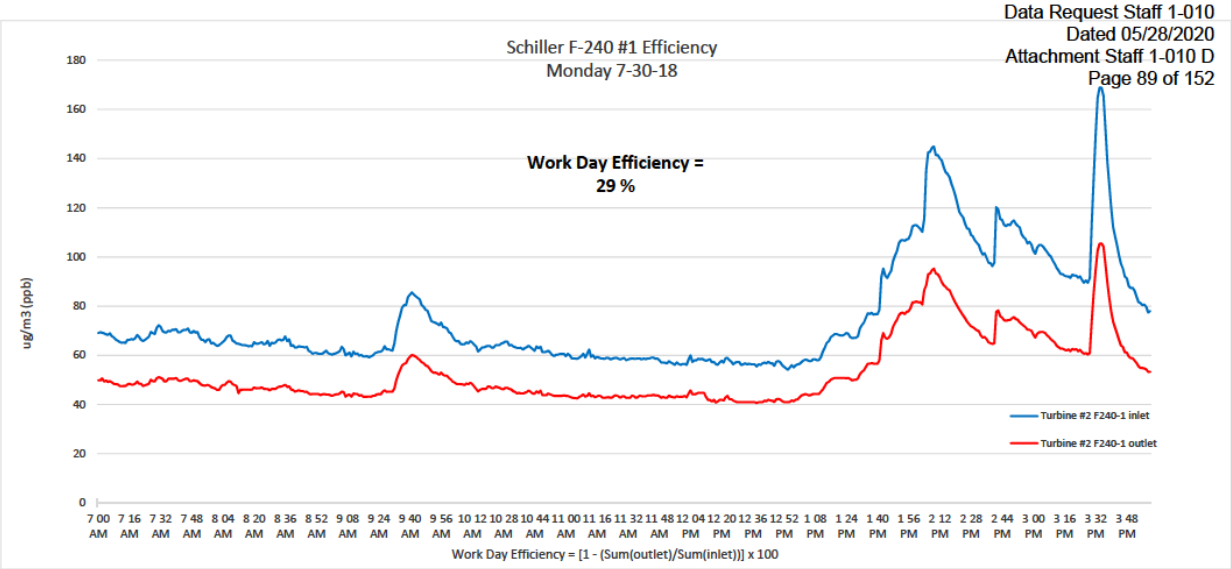

Schiller F-240 #1 Efficiency
Wednesday 7-25-18
Work Day Efficiency =
28%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

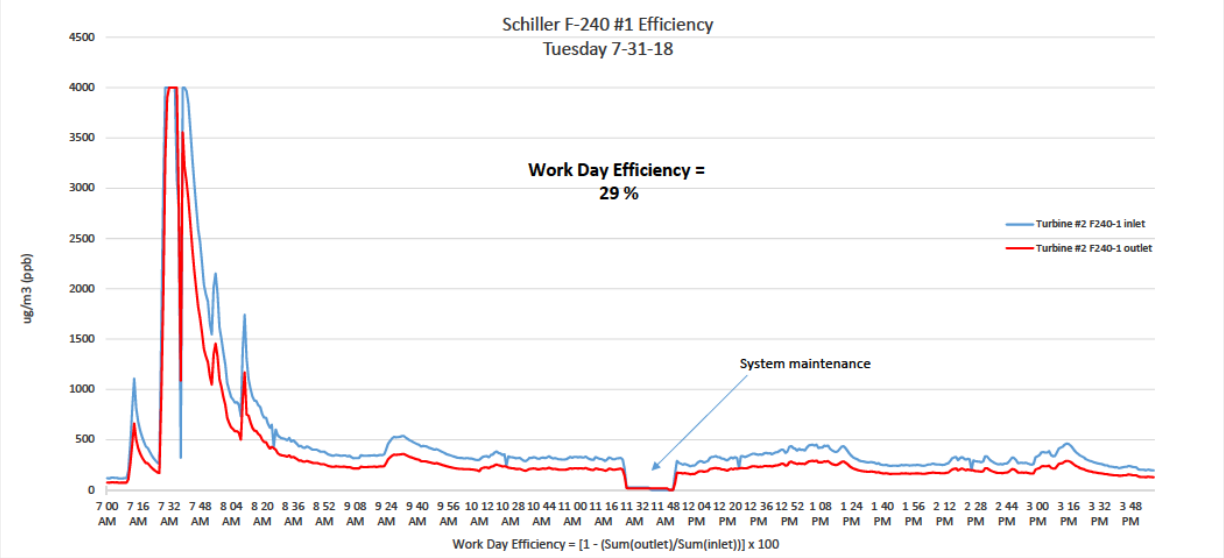

Schiller F-240 #1 Efficiency
Thursday 7-26-18
Work Day Efficiency =
30 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Instrument Cleaning
Compressed Air
ug/m3 (ppb)
250
200
150
100
50
0
7 00 AM
7 16 AM
7 32 AM
7 48 AM
8 04 AM
8 20 AM
8 36 AM
8 52 AM
9 08 AM
9 24 AM
9 40 AM
9 56 AM
10 12 AM
10 28 AM
10 44 AM
11 00 AM
11 16 AM
11 32 AM
11 48 AM
12 04 PM
12 20 PM
12 36 PM
12 52 PM
1 08 PM
1 24 PM
1 40 PM
1 56 PM
2 12 PM
2 28 PM
2 44 PM
3 00 PM
3 16 PM
3 32 PM
3 48 PM
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

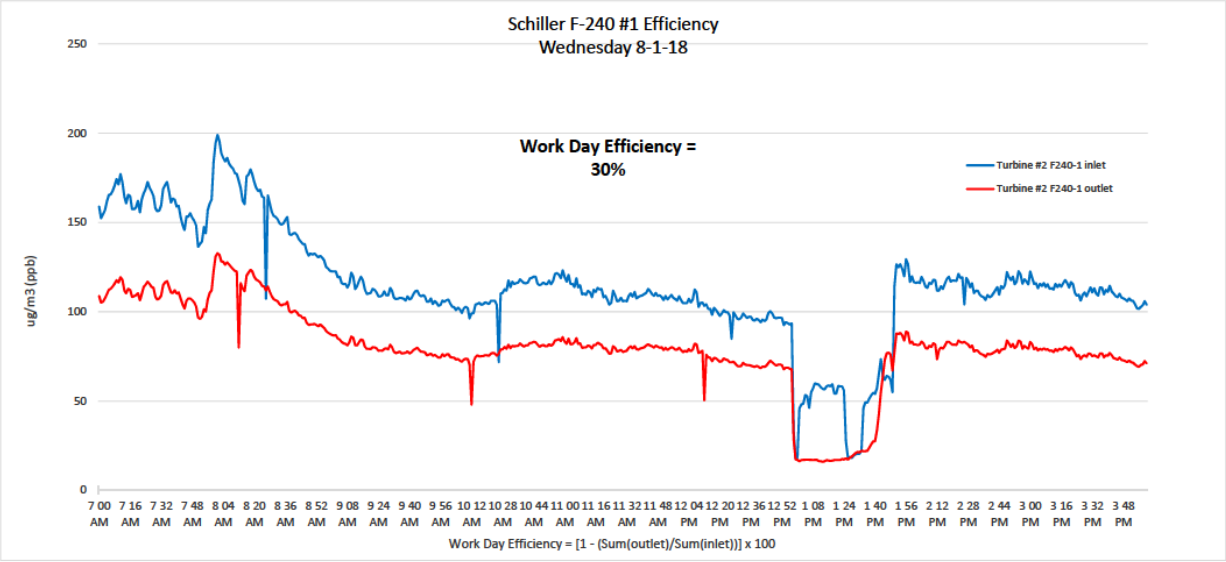

Schiller F-240 #1 Efficiency
Friday 7-27-18
Work Day Efficiency =
No Work
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
220
170
120
70
20
-30
7 00 AM
7 11 AM
7 22 AM
7 33 AM
7 44 AM
7 55 AM
8 06 AM
8 17 AM
8 28 AM
8 39 AM
8 50 AM
9 01 AM
9 12 AM
9 23 AM
9 34 AM
9 45 AM
9 56 AM
10 07 AM
10 18 AM
10 29 AM
10 40 AM
10 51 AM
11 02 AM
11 13 AM
11 24 AM
11 35 AM
11 46 AM
11 57 AM
12 08 PM
12 19 PM
12 30 PM
12 41 PM
12 52 PM
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

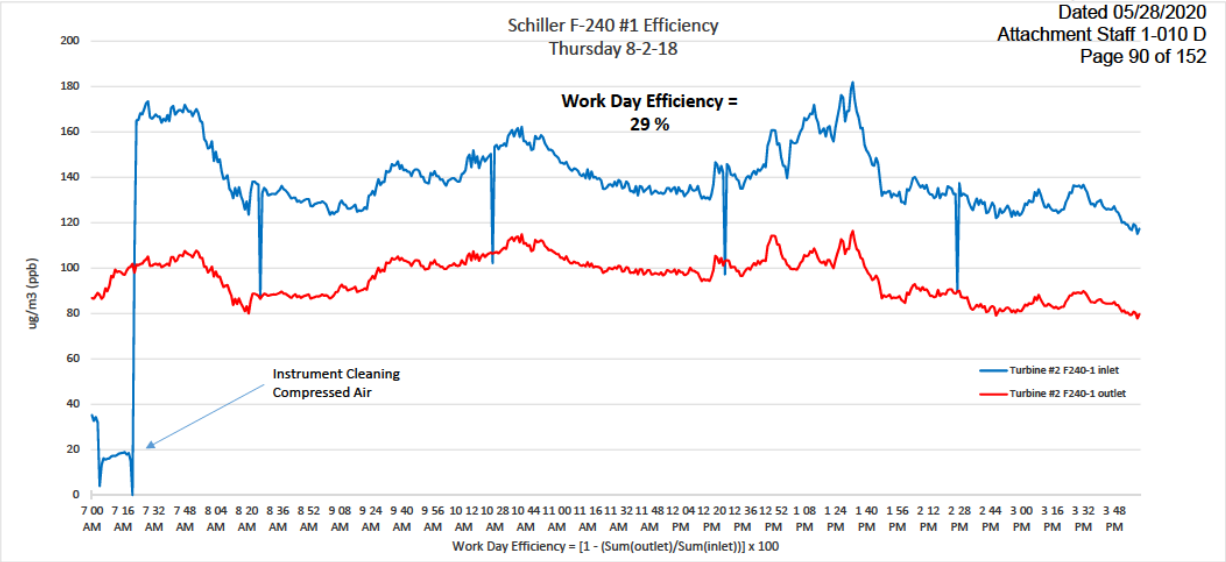

Schiller Hg Emissions
7-28-18 to 8-3-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Bduct On
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Auto Zero
Sunday - Friday

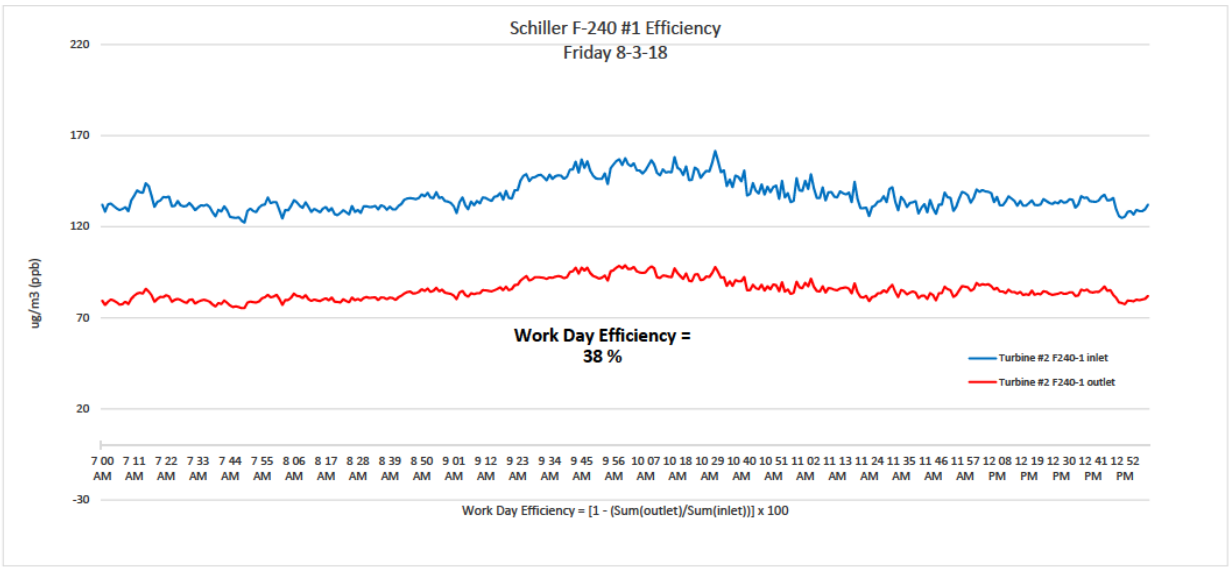

Schiller Hg Emissions
7-28-18 to 8-3-18
6796
6741
6674
6679
6655
6591
6550
Weekly total Hg Emission =
695.7 g or 1.49 % of allowable
2018 Total Hg Emission =
12,043 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

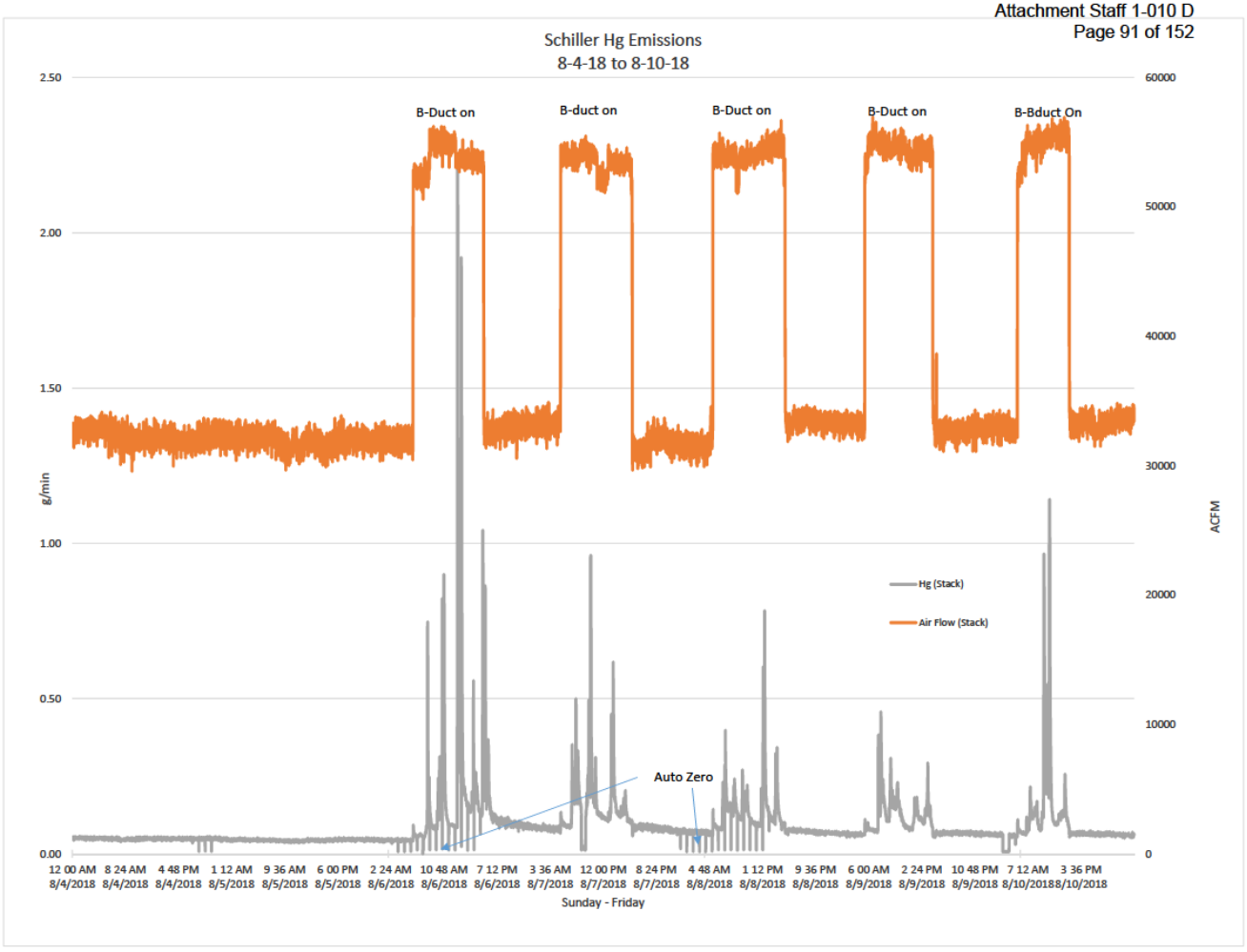

Schiller F-240 #1 Efficiency
Monday 7-30-18
Work Day Efficiency =
29 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

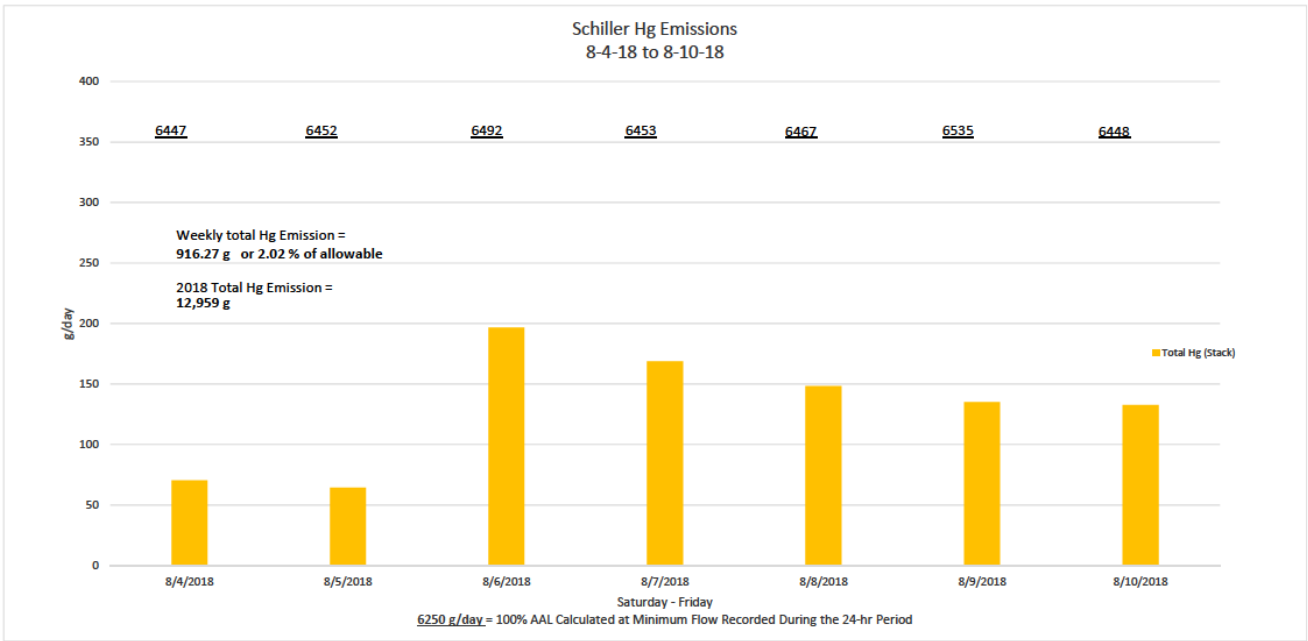

Schiller F-240 #1 Efficiency
Tuesday 7-31-18
Work Day Efficiency =
29 %
System maintenance
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

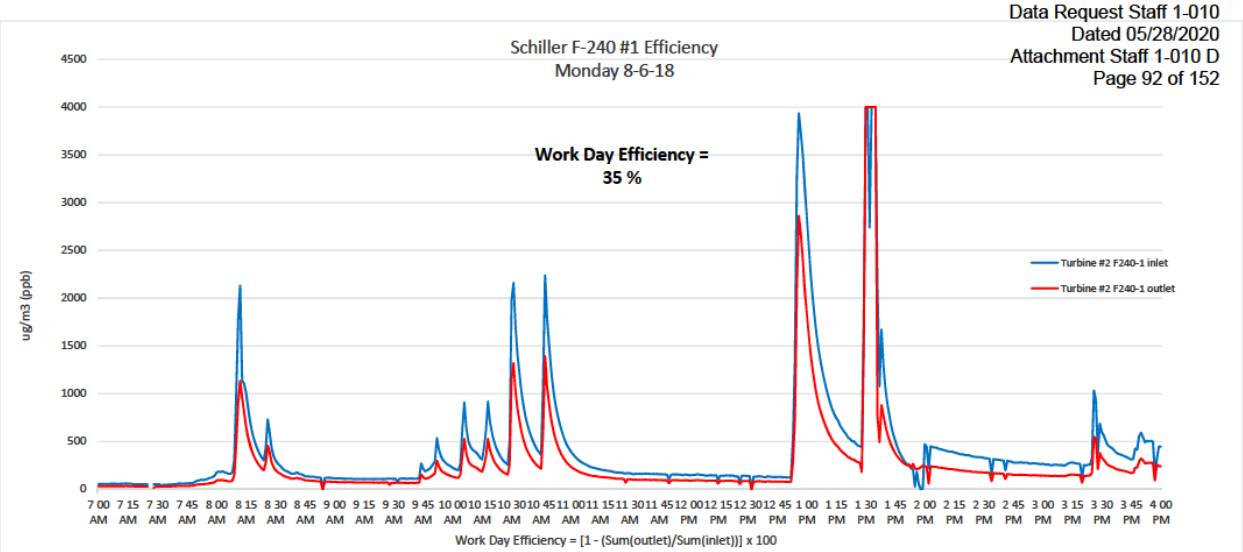

Schiller F-240 #1 Efficiency
Wednesday 8-1-18
Work Day Efficiency =
30%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

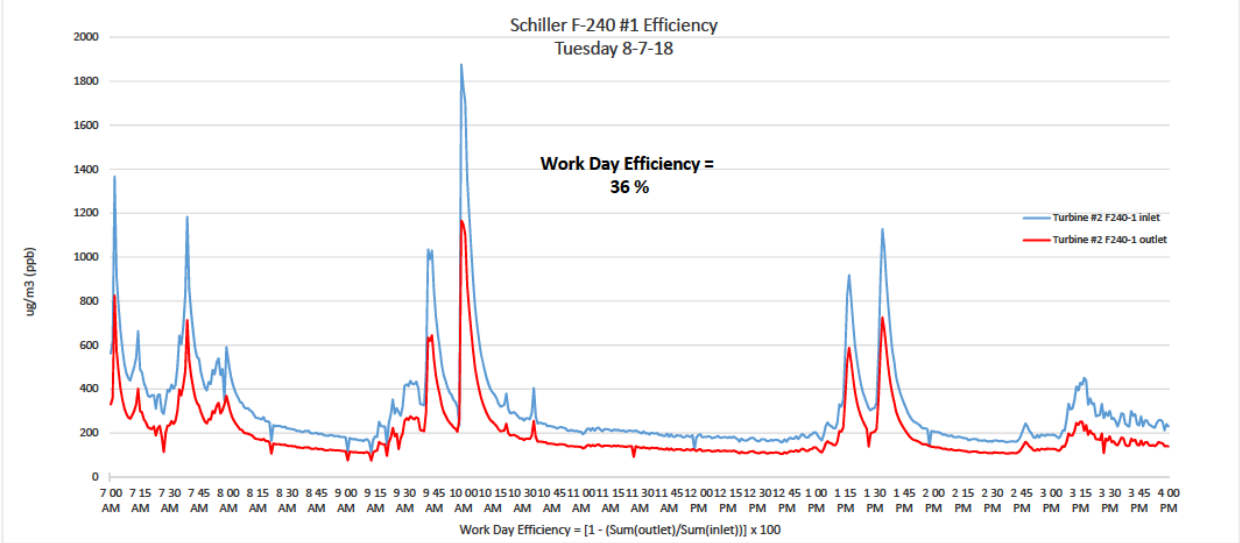

Schiller F-240 #1 Efficiency
Thursday 8-2-18
Work Day Efficiency =
29 %
Instrument Cleaning
Compressed Air
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

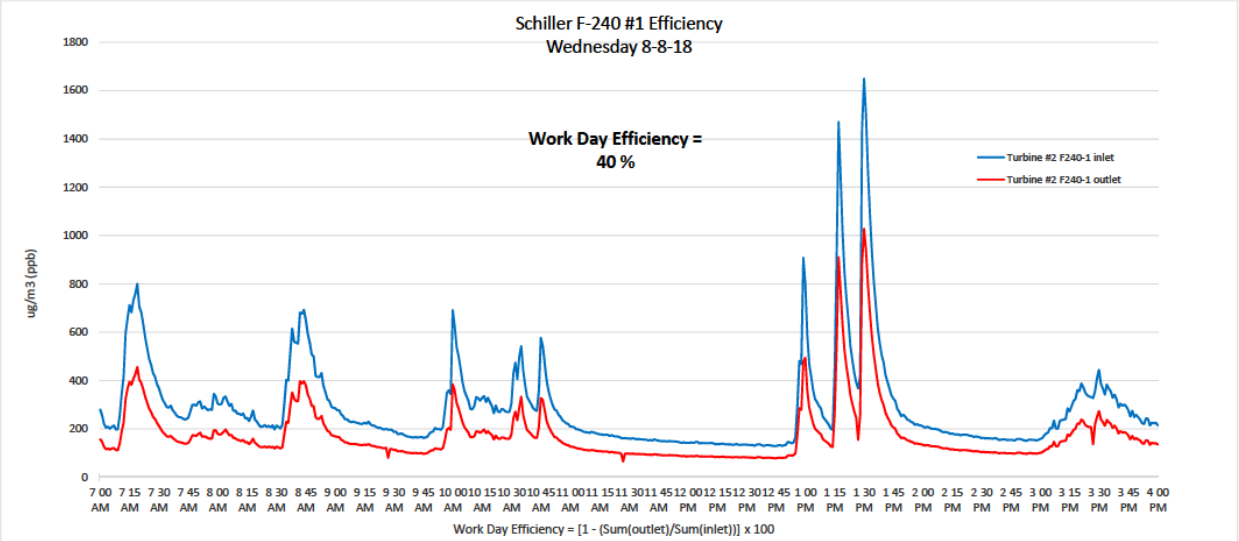

Schiller F-240 #1 Efficiency
Friday 8-3-18
Work Day Efficiency =
38 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

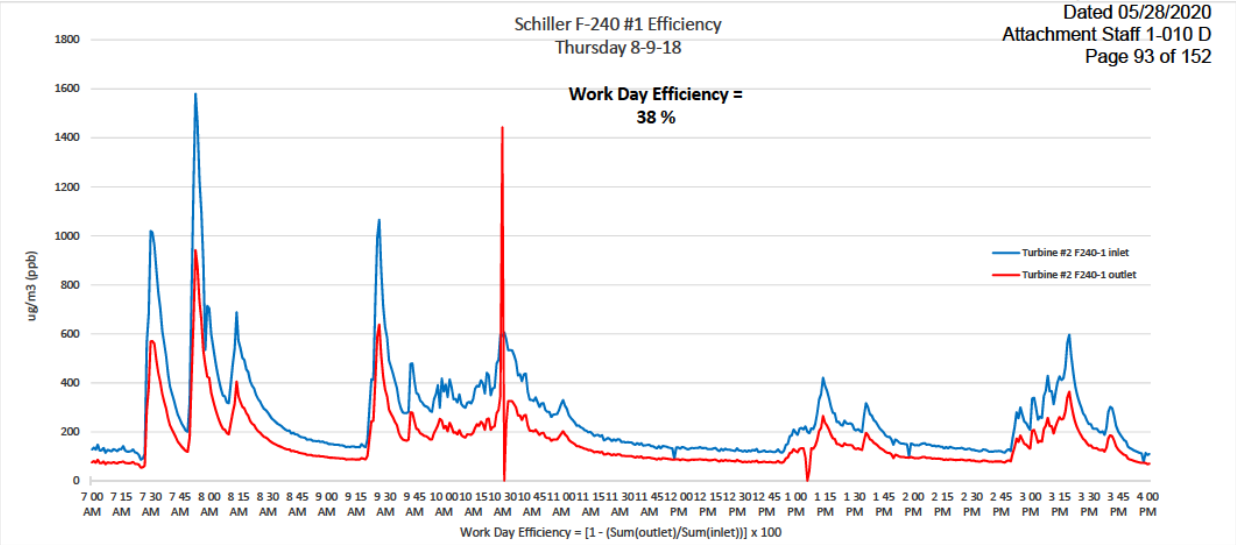

Schiller Hg Emissions
8-4-18 to 8-10-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Bduct On
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Auto Zero
Sunday - Friday

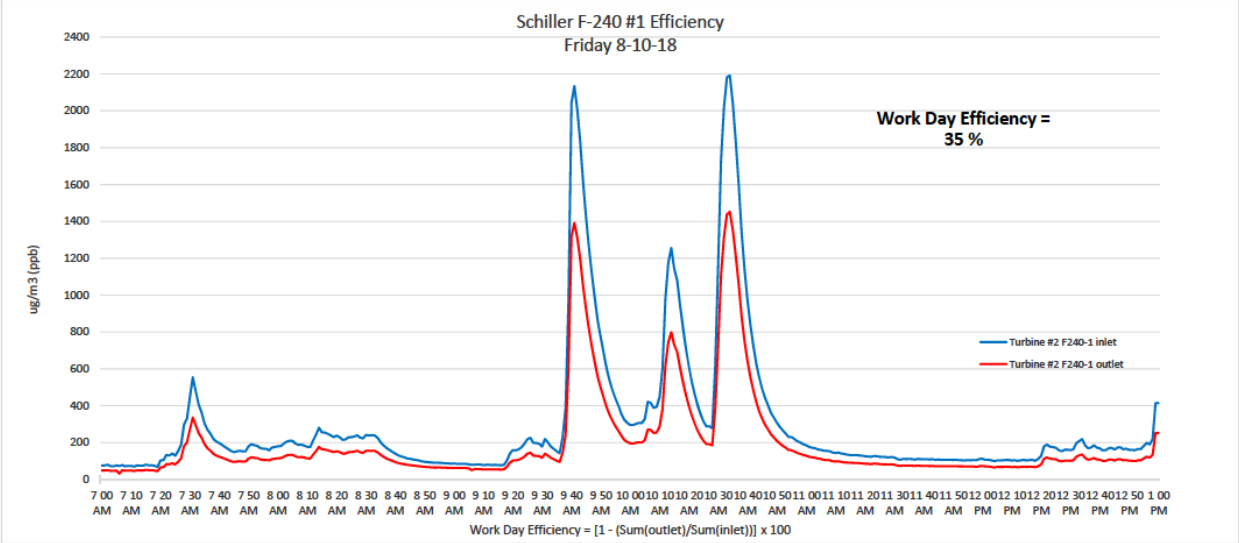

Schiller Hg Emissions
8-4-18 to 8-10-18
6447
6452
6492
6453
6467
6535
6448
Weekly total Hg Emission =
916.27 g or 2.02 % of allowable
2018 Total Hg Emission =
12,959 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller F-240 #1 Efficiency
Monday 8-6-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

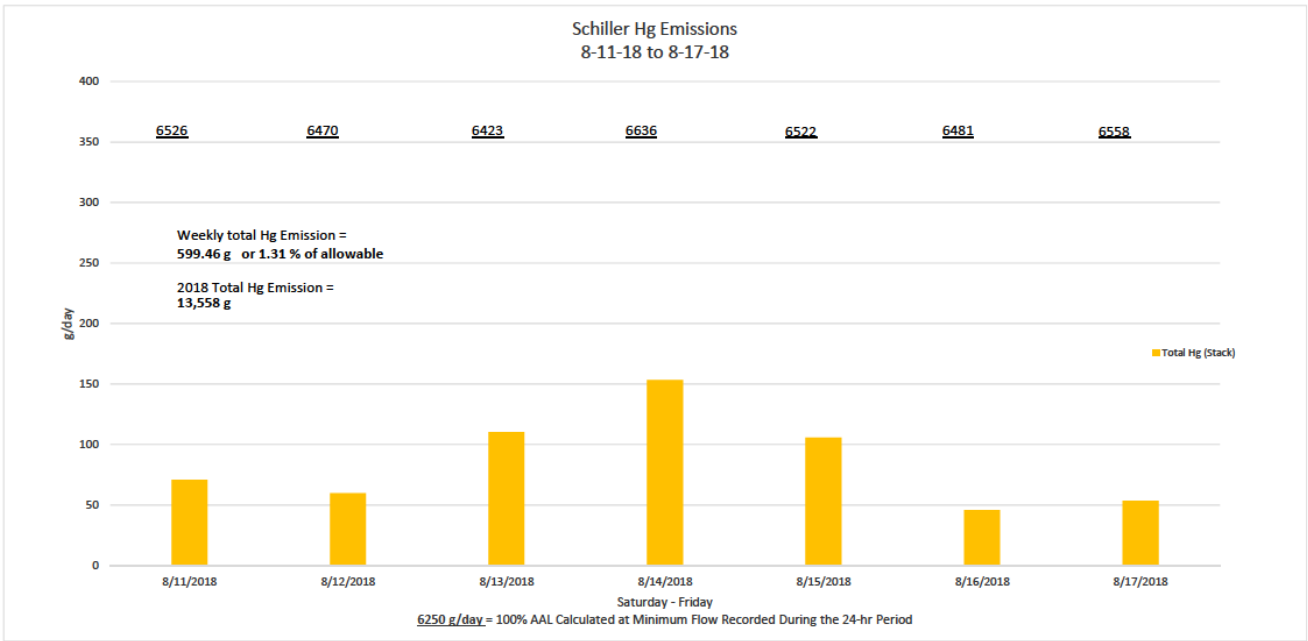

Schiller F-240 #1 Efficiency
Tuesday 8-7-18
Work Day Efficiency =
36 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

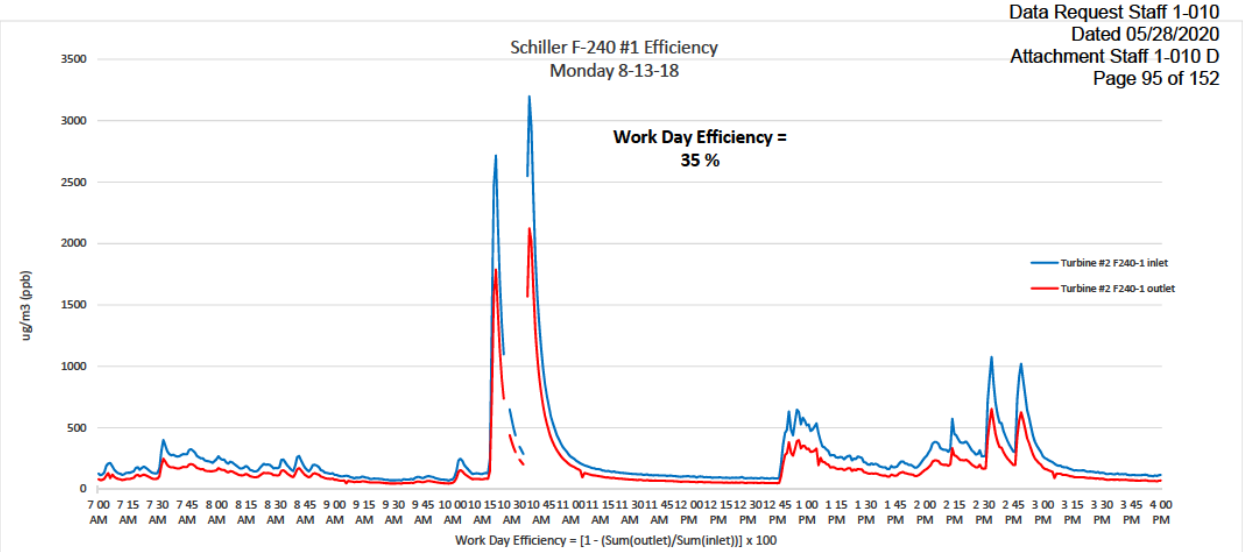

Schiller F-240 #1 Efficiency
Wednesday 8-8-18
Work Day Efficiency =
40 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

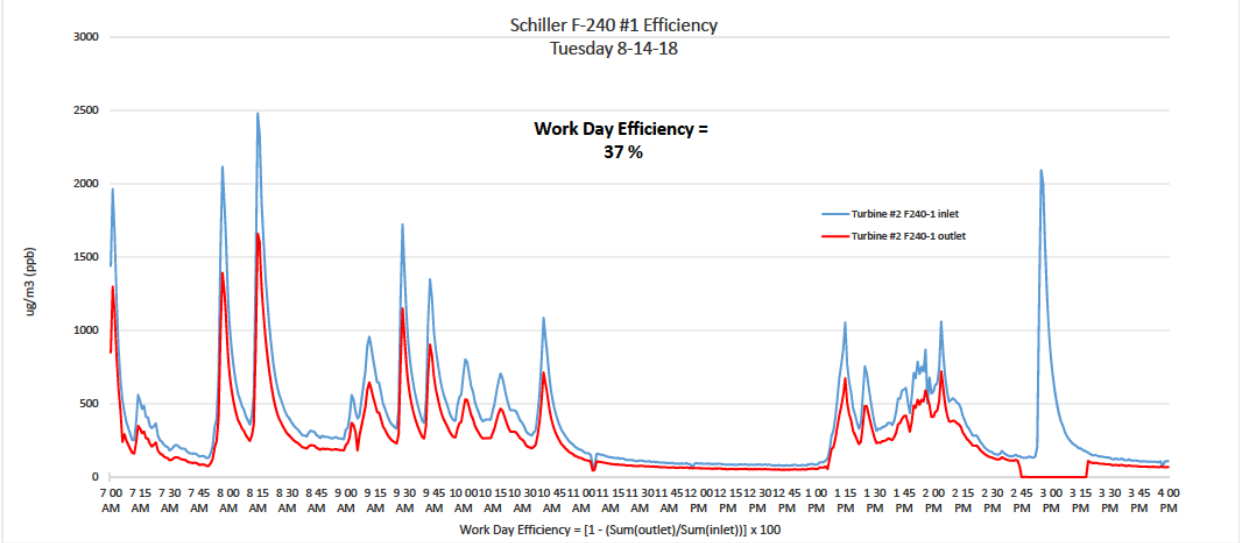

Schiller F-240 #1 Efficiency
Thursday 8-9-18
Work Day Efficiency =
38 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

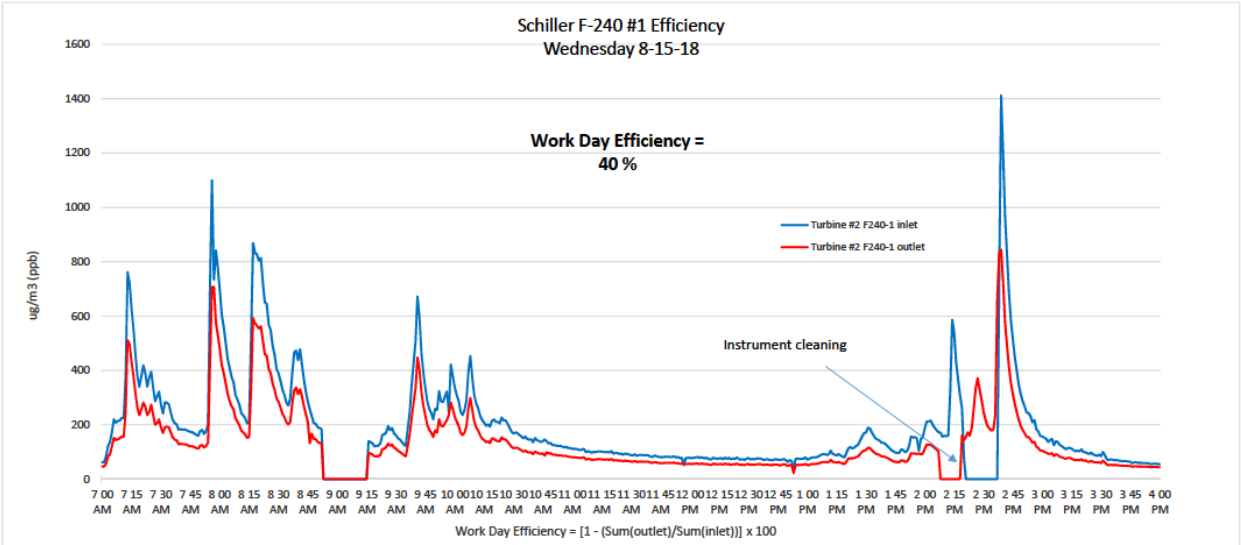

Schiller F-240 #1 Efficiency
Friday 8-10-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

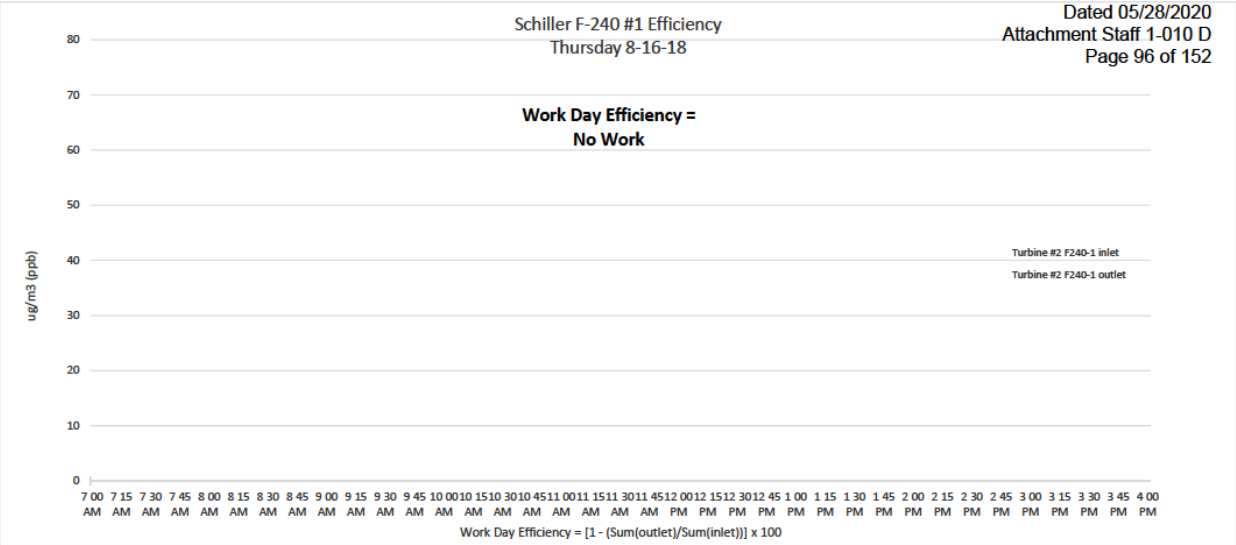

Schiller Hg Emissions
8-11-18 to 8-17-18
B-Duct on
B-duct on
B-Duct on
No Work
No Work
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Auto Zero
Sunday - Friday

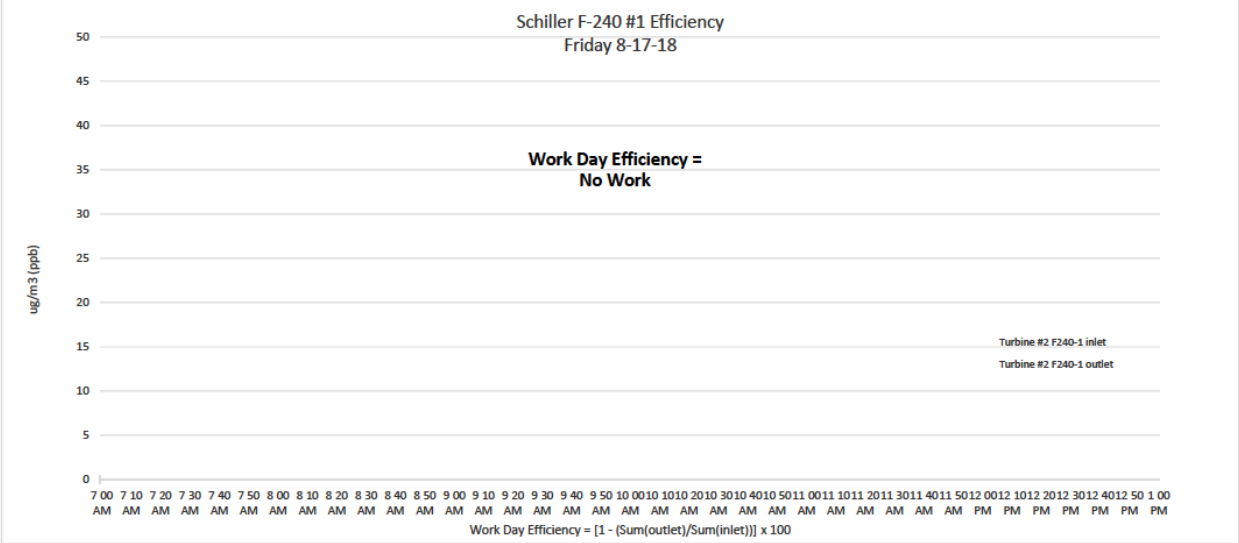

Schiller Hg Emissions
8-11-18 to 8-17-18
6526
6470
6423
6636
6522
6481
6558
Weekly total Hg Emission =
599.46 g or 1.31 % of allowable
2018 Total Hg Emission =
13,558 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

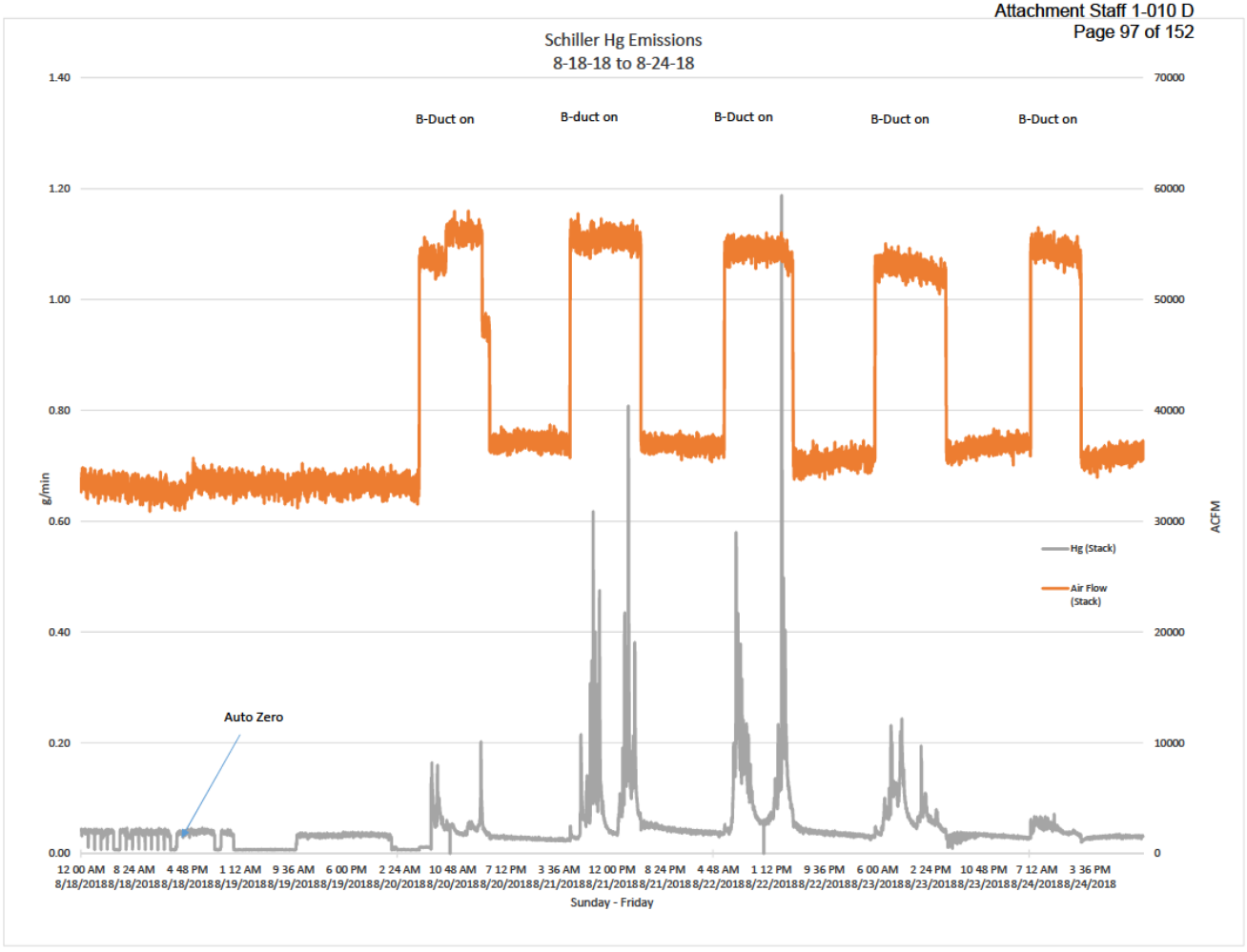

Schiller F-240 #1 Efficiency
Monday 8-13-18
Work Day Efficiency =
35 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

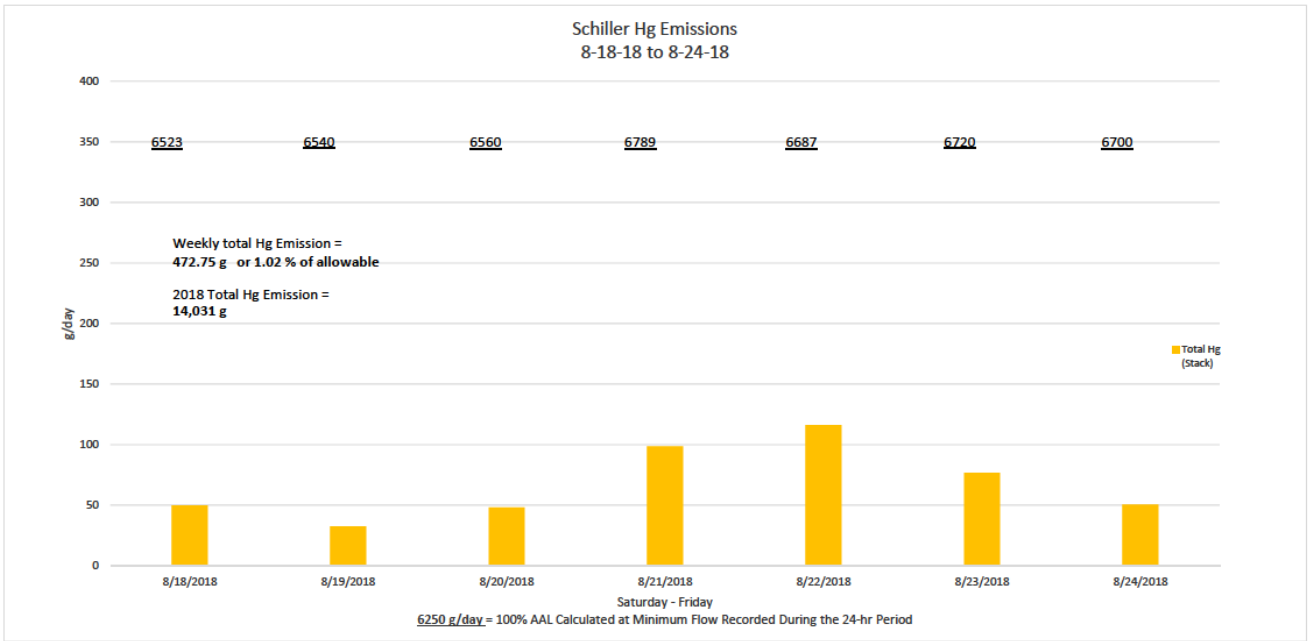

Schiller F-240 #1 Efficiency
Tuesday 8-14-18
Work Day Efficiency =
37 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

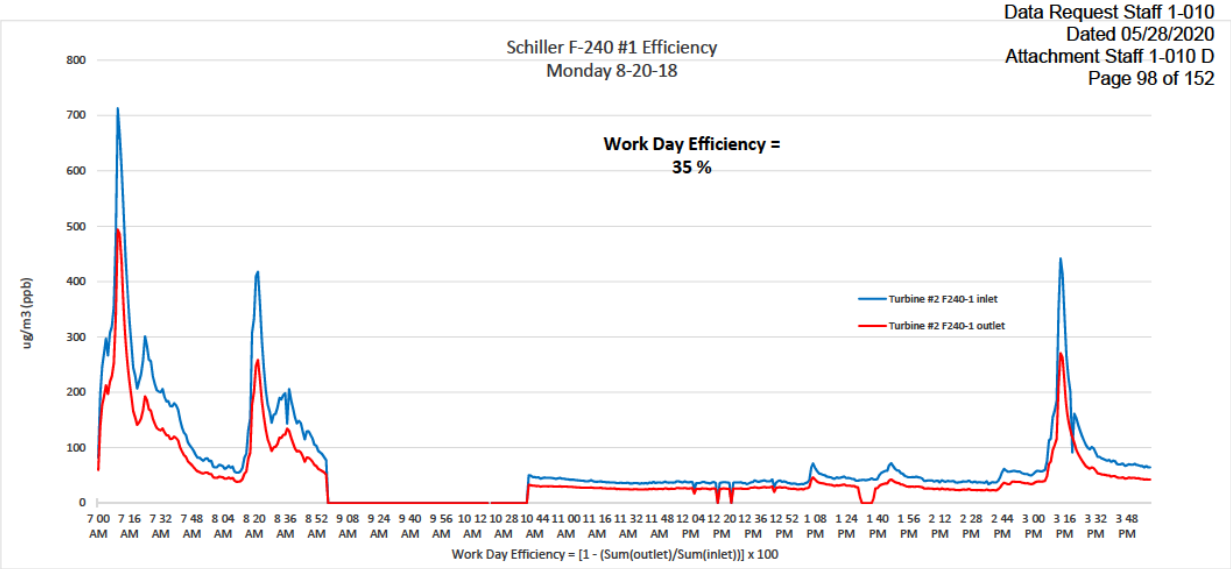

Schiller F-240 #1 Efficiency
Wednesday 8-15-18
Work Day Efficiency =
40 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Instrument cleaning
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

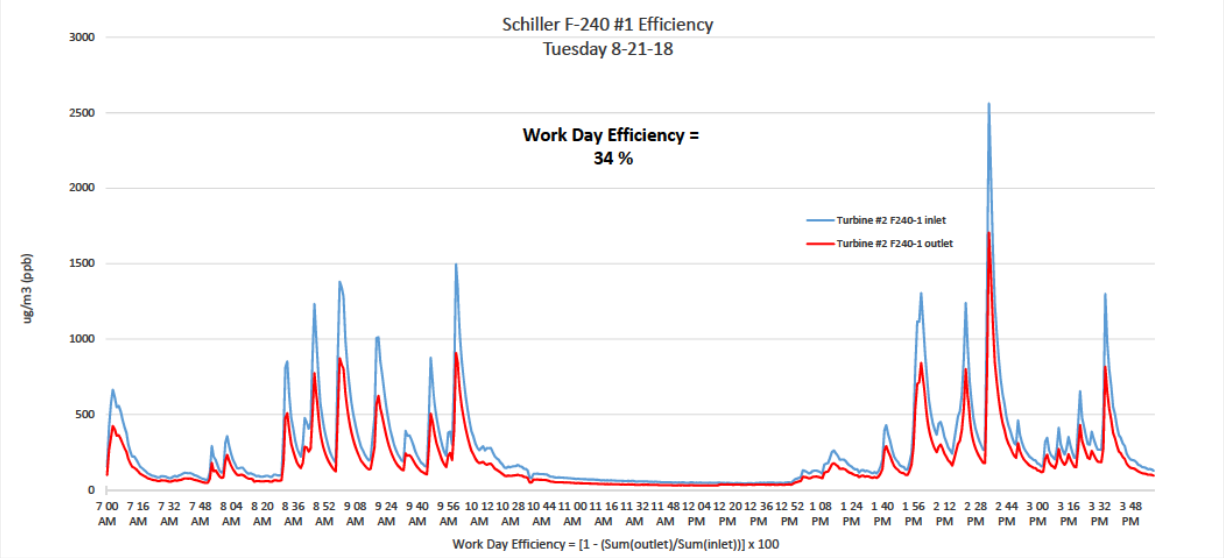

Schiller F-240 #1 Efficiency
Thursday 8-16-18
Work Day Efficiency =
No Work
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

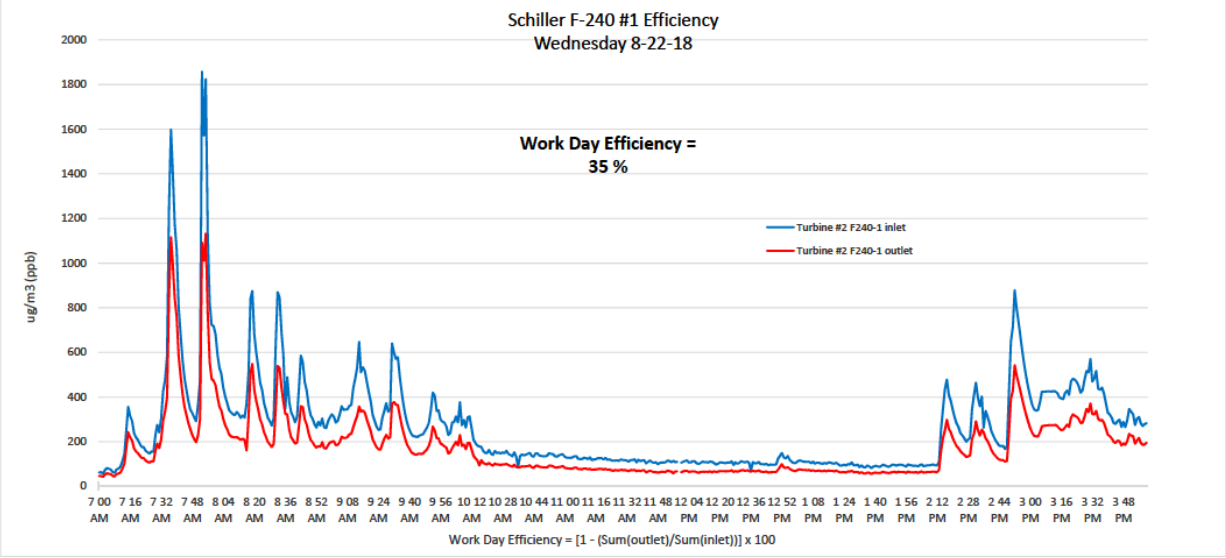

Schiller F-240 #1 Efficiency
Friday 8-17-18
Work Day Efficiency =
No Work
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

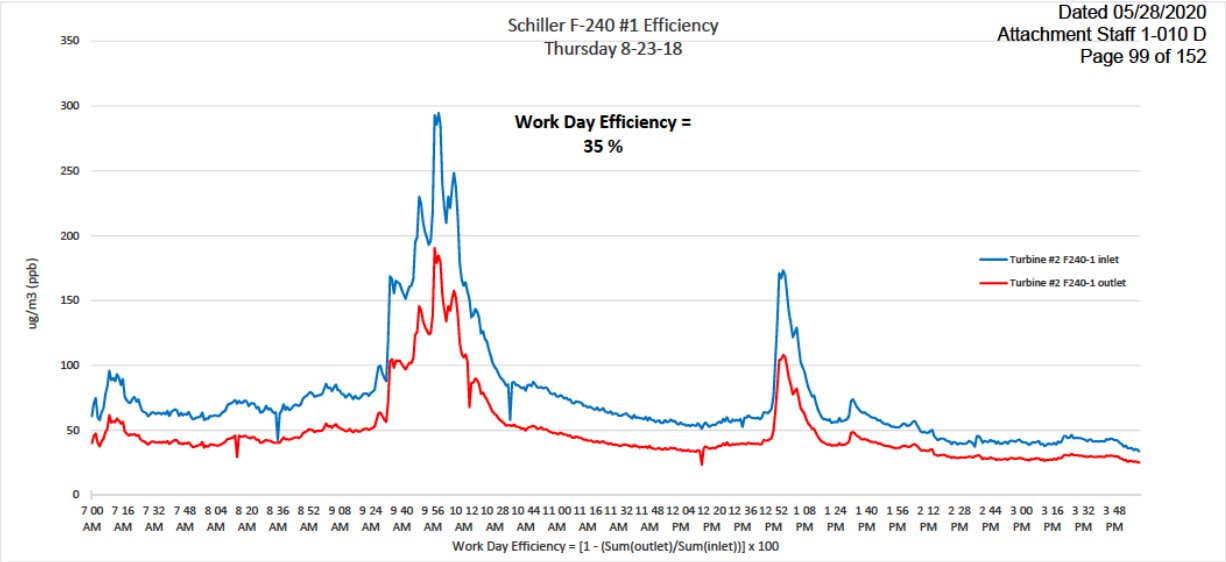

Schiller Hg Emissions
8-18-18 to 8-24-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Auto Zero
Sunday - Friday

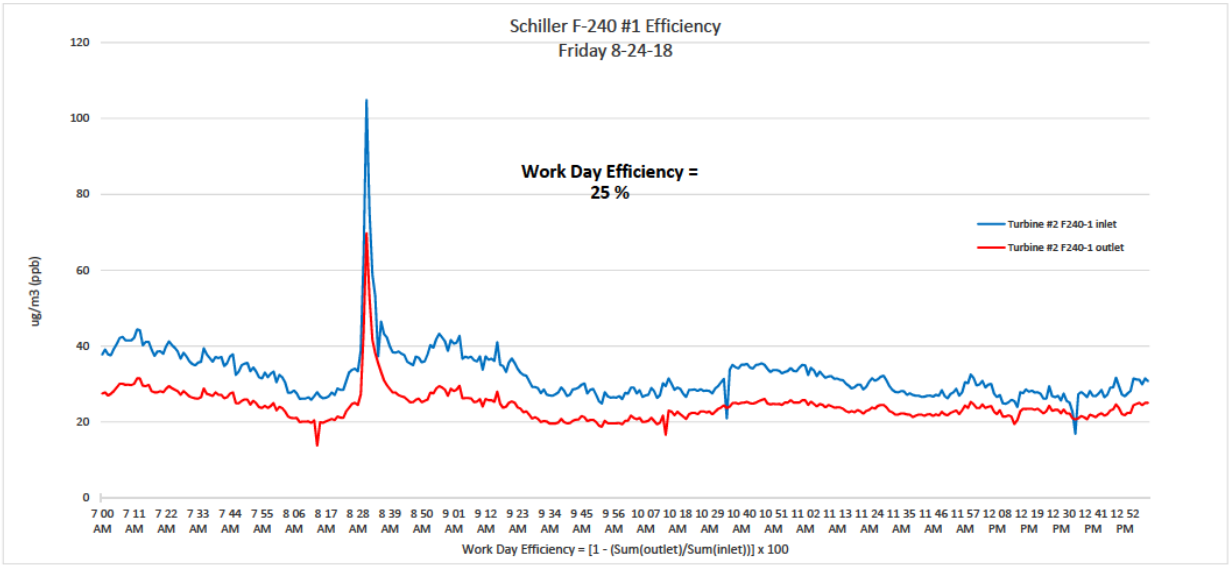

Schiller Hg Emissions
8-18-18 to 8-24-18
6523
6540
6560
6789
6687
6720
6700
Weekly total Hg Emission =
472.75 g or 1.02 % of allowable
2018 Total Hg Emission =
14,031 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

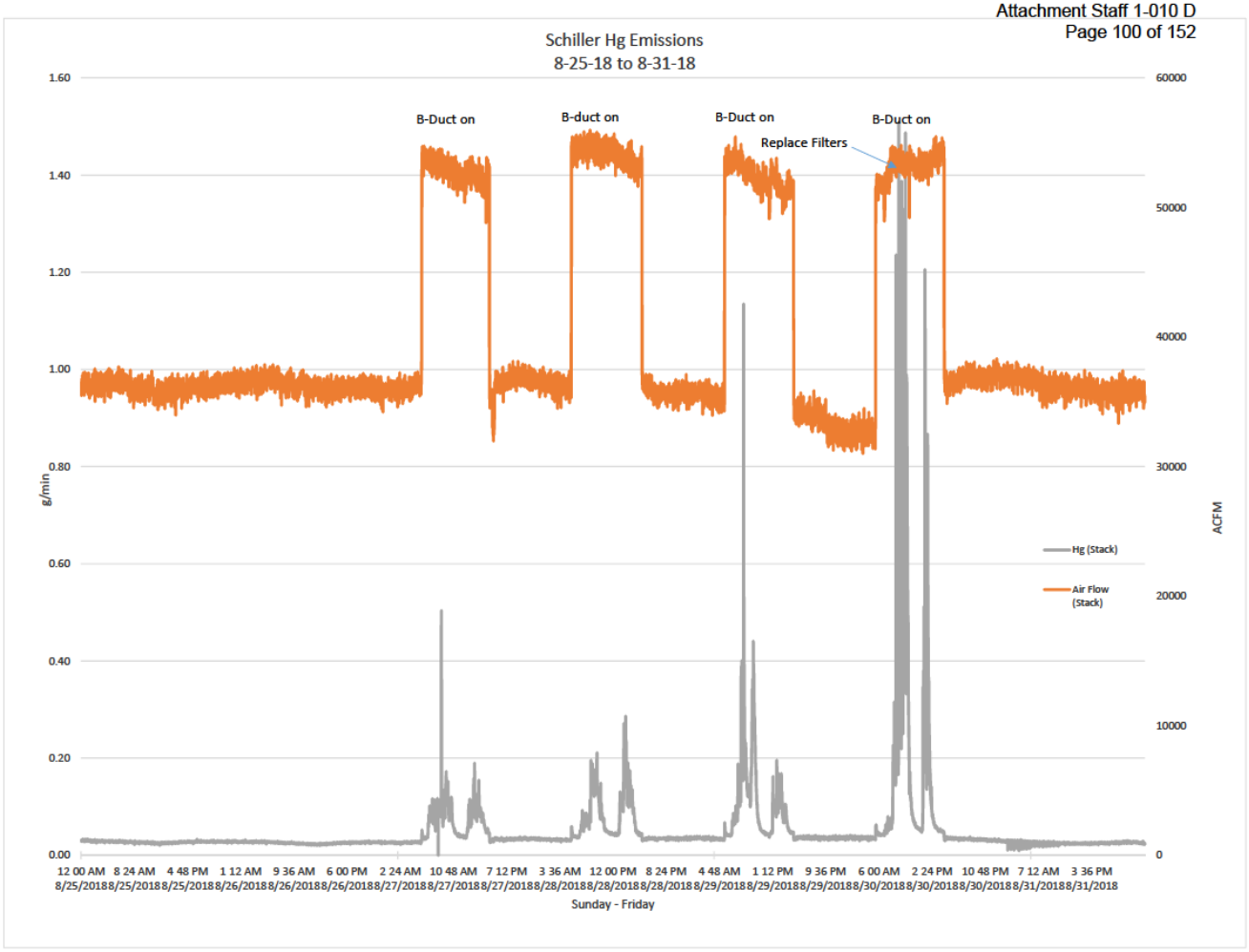

Schiller F-240 #1 Efficiency
Monday 8-20-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

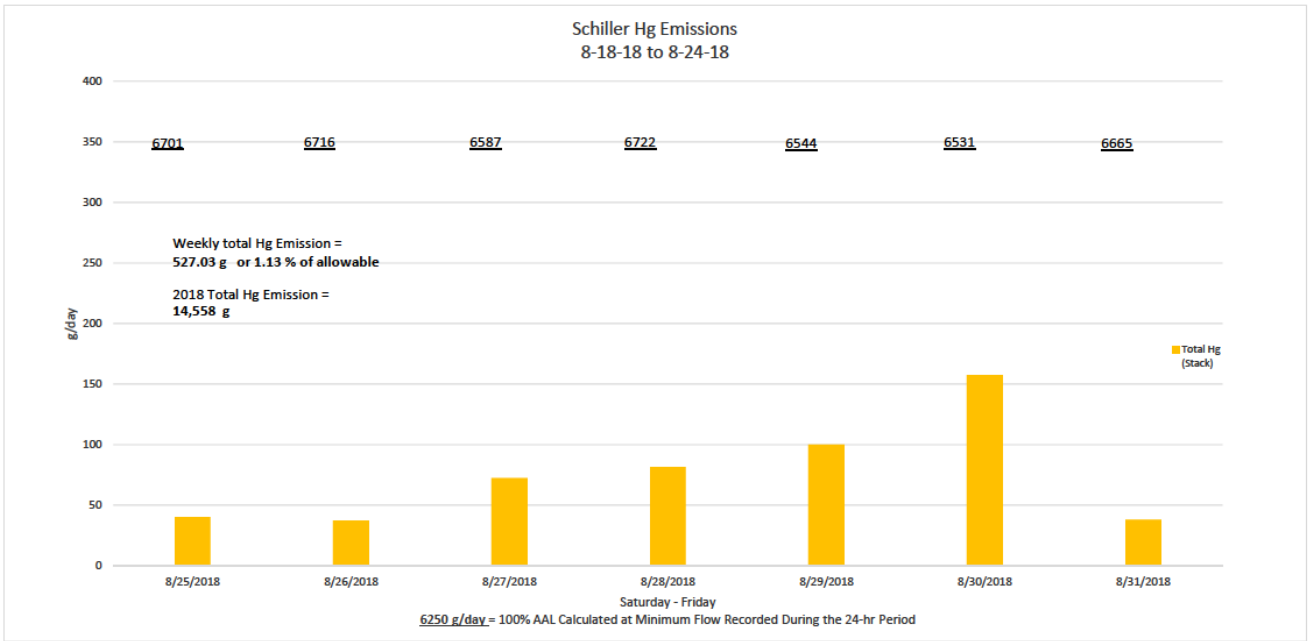

Schiller F-240 #1 Efficiency
Tuesday 8-21-18
Work Day Efficiency =
34 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

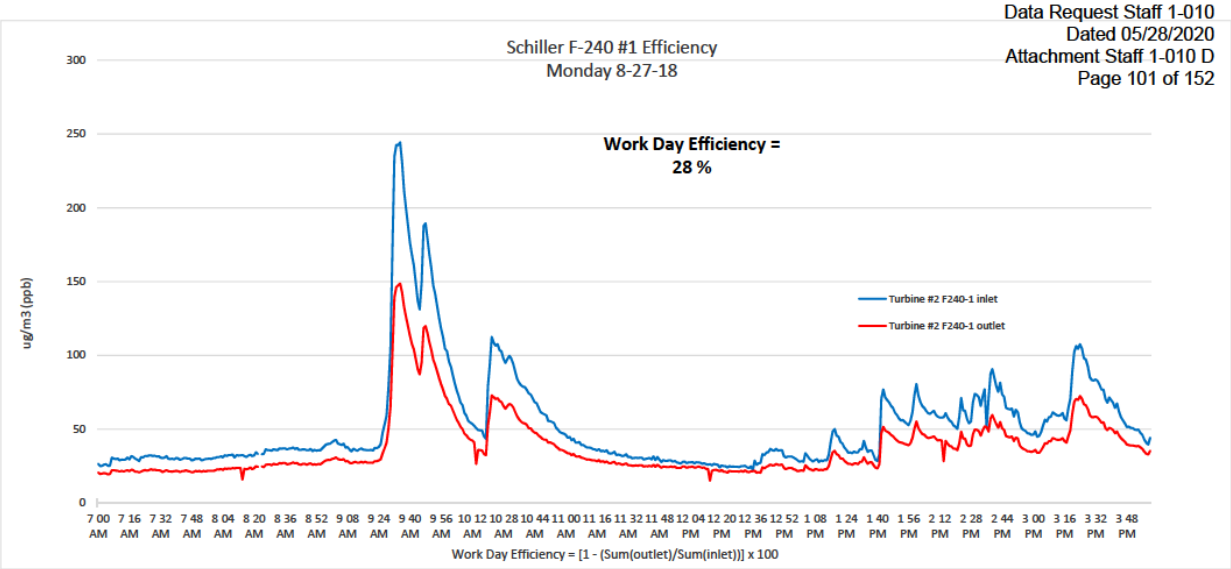

Schiller F-240 #1 Efficiency
Wednesday 8-22-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

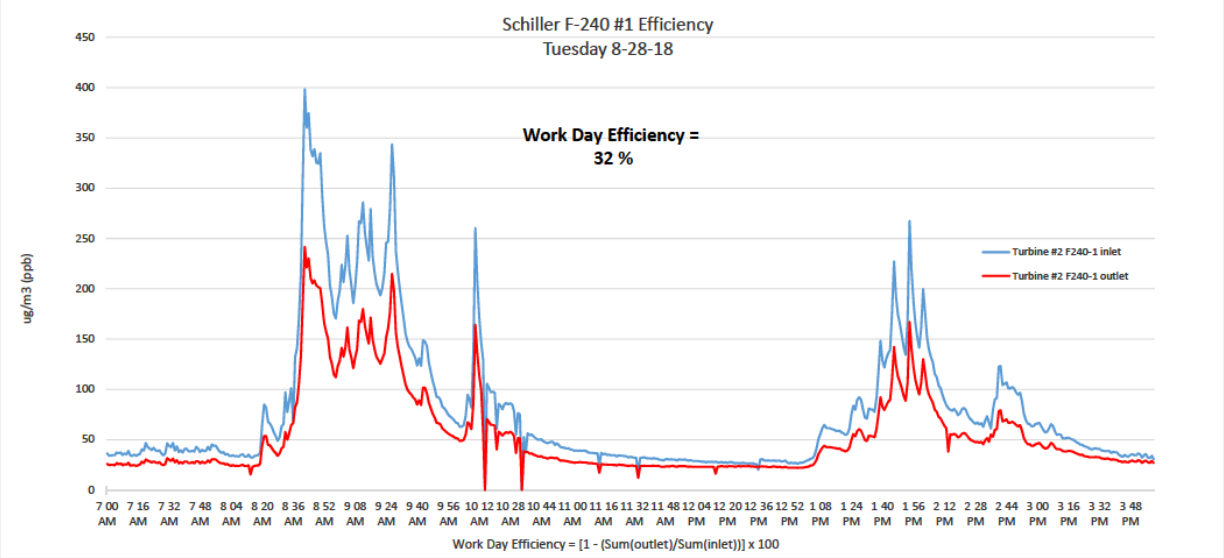

Schiller F-240 #1 Efficiency
Thursday 8-23-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

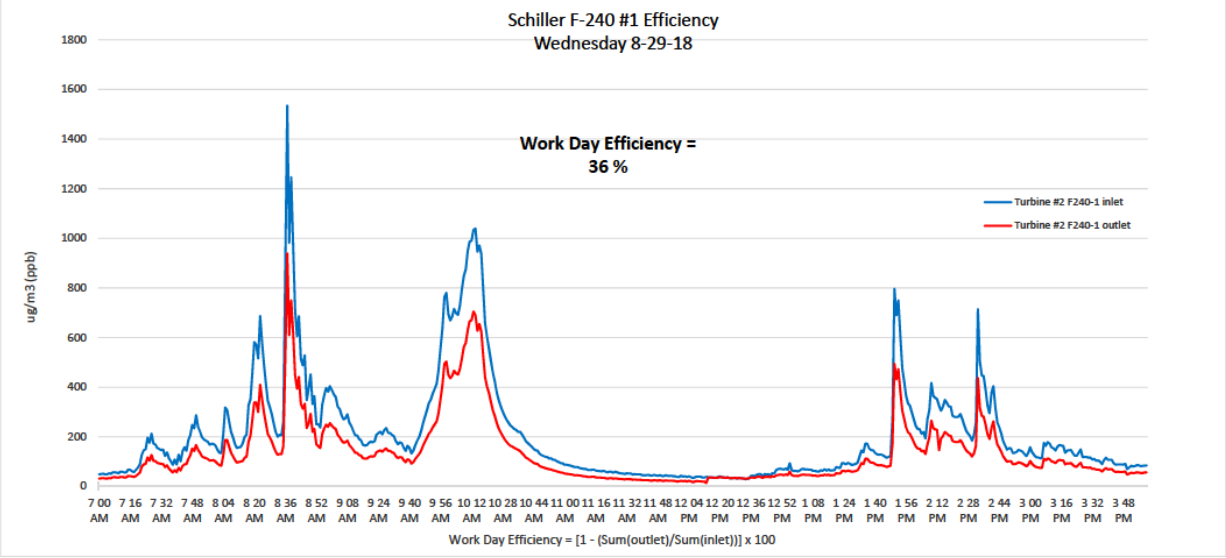

Schiller F-240 #1 Efficiency
Friday 8-24-18
Work Day Efficiency =
25 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

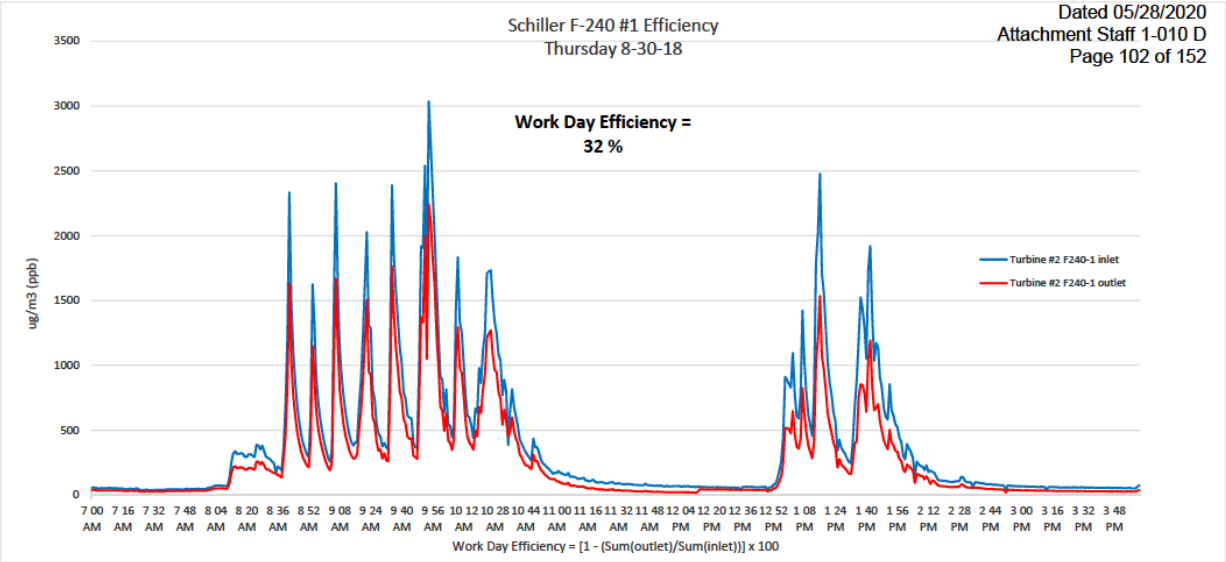

Schiller Hg Emissions
8-25-18 to 8-31-18
B-Duct on
B-duct on
B-Duct on
Replace Filters
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

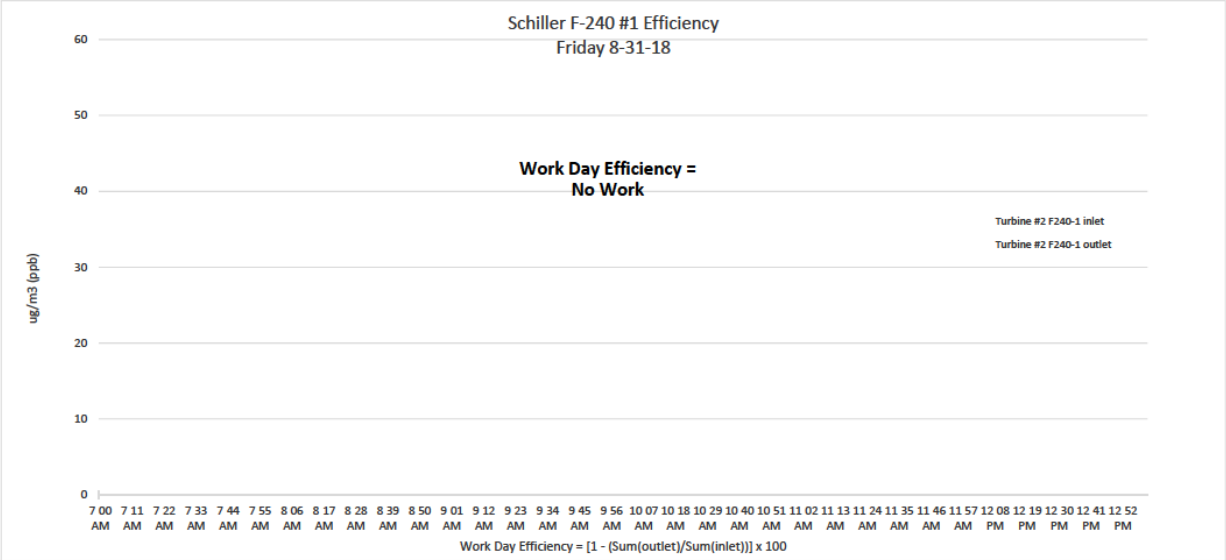

Schiller Hg Emissions
8-18-18 to 8-24-18
6701
6716
6587
6722
6544
6531
6665
Weekly total Hg Emission =
527.03 g or 1.13 % of allowable
2018 Total Hg Emission =
14,558 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

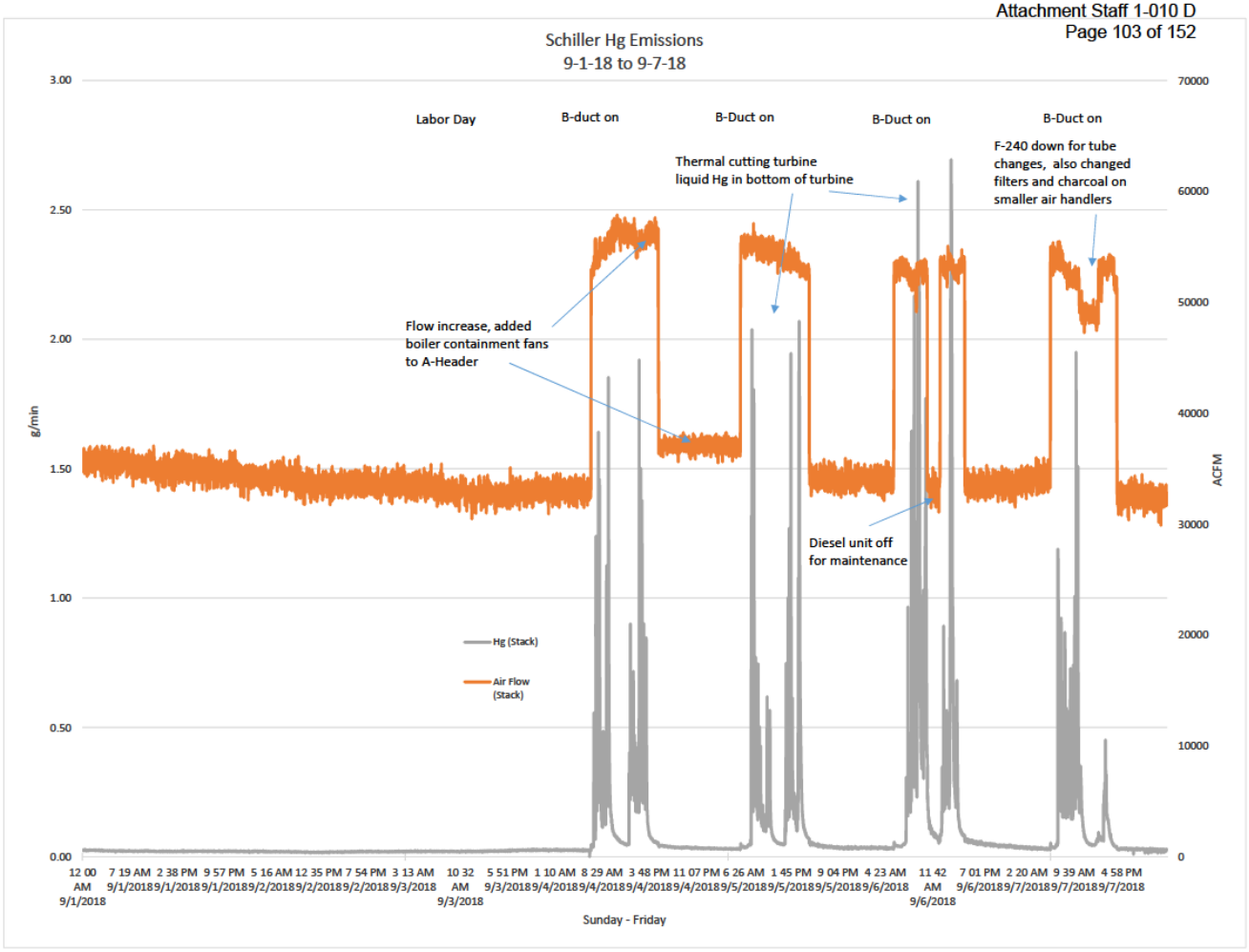

Schiller F-240 #1 Efficiency
Monday 8-27-18
Work Day Efficiency =
28 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

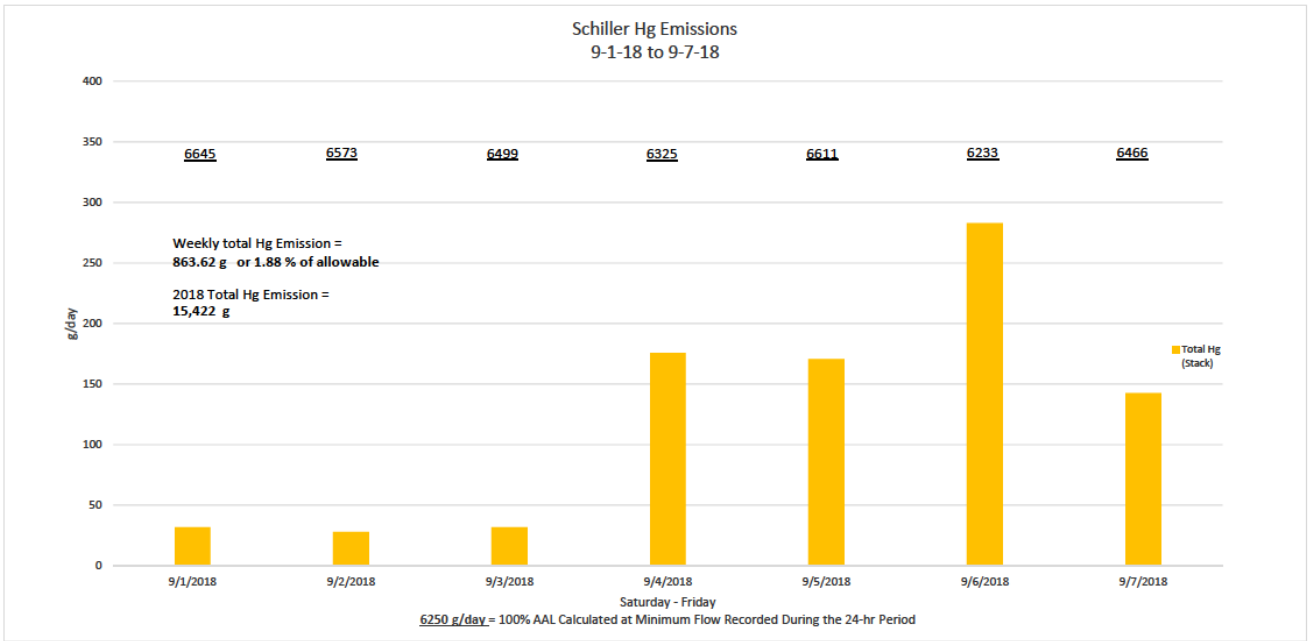

Schiller F-240 #1 Efficiency
Tuesday 8-28-18
Work Day Efficiency =
32 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

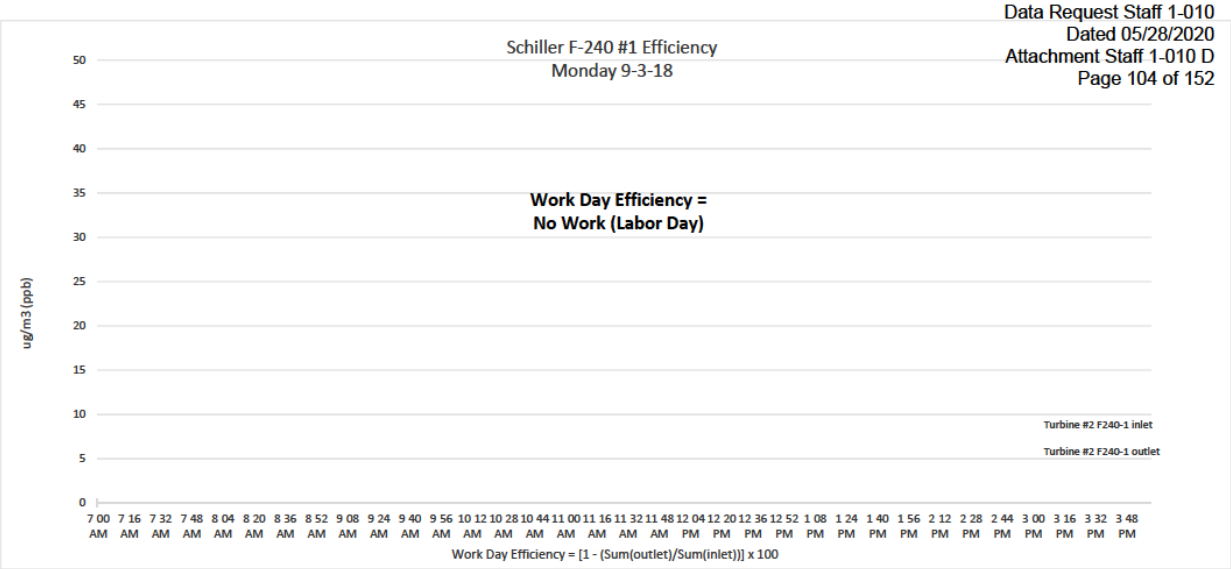

Schiller F-240 #1 Efficiency
Wednesday 8-29-18
Work Day Efficiency =
36 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

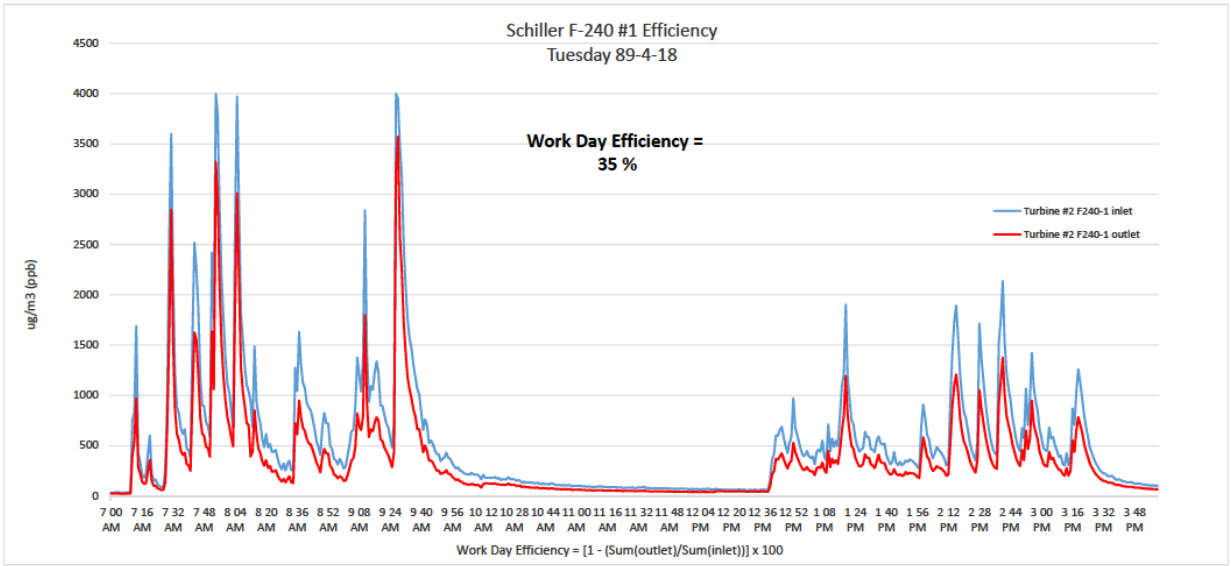

Schiller F-240 #1 Efficiency
Thursday 8-30-18
Work Day Efficiency =
32 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

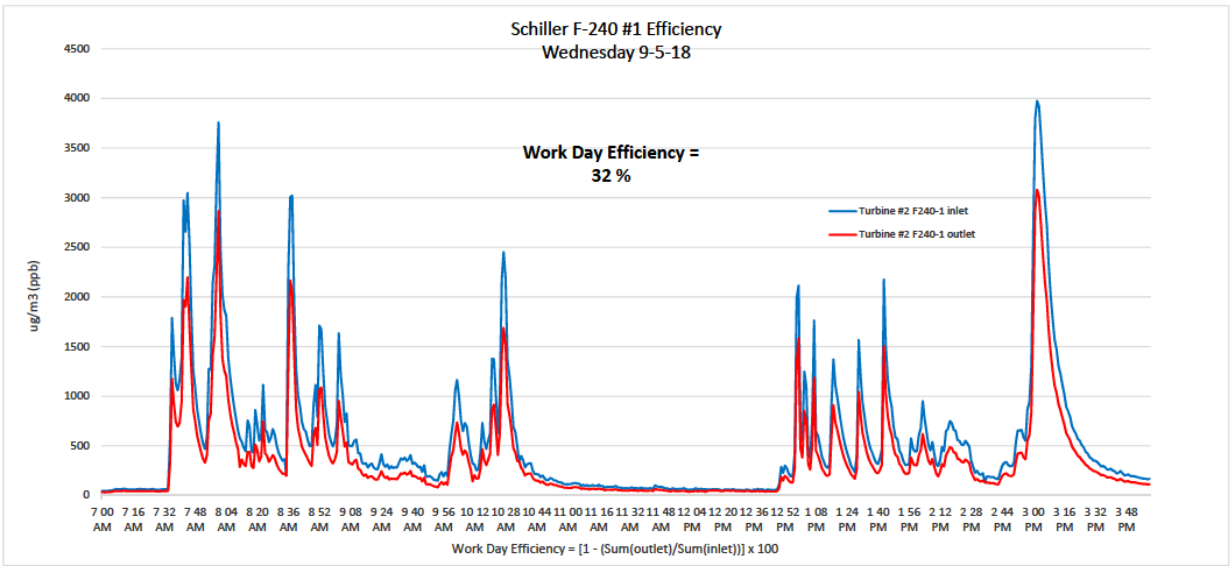

Schiller F-240 #1 Efficiency
Friday 8-31-18
Work Day Efficiency =
No Work
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

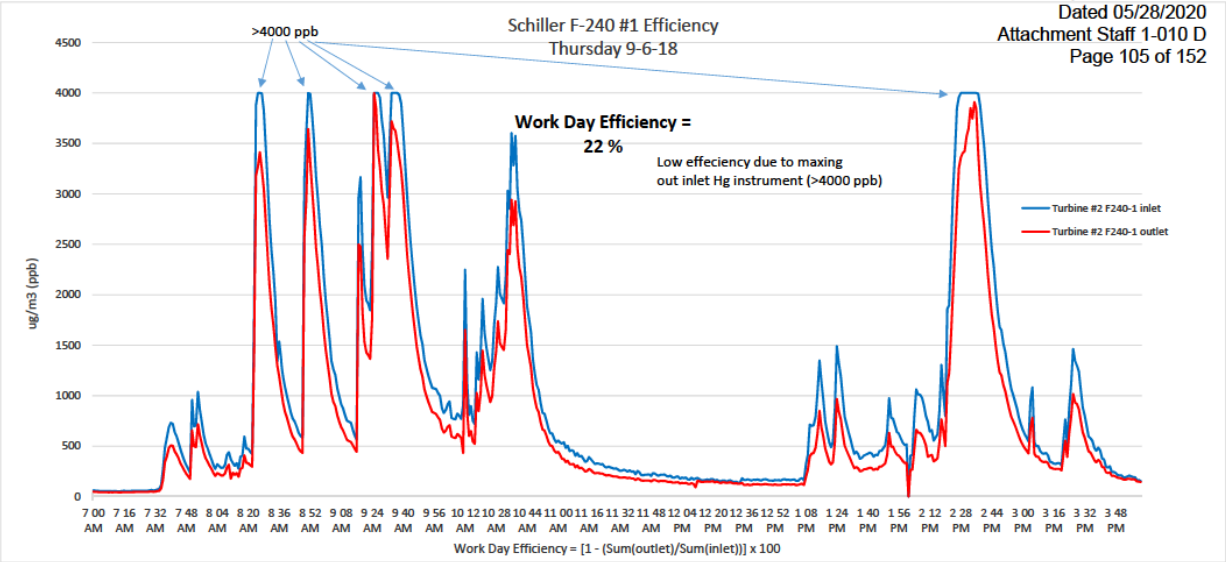

Schiller Hg Emissions
9-1-18 to 9-7-18
Labor Day
B-duct on
B-Duct on
B-Duct on
B-Duct on
Thermal cutting turbine liquid Hg in bottom of turbine
F-240 down for tube changes, also changed filters and charcoal on smaller air handlers
Flow increase, added boiler containment fans to A-Header
Diesel unit off for maintenance
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
Sunday - Friday

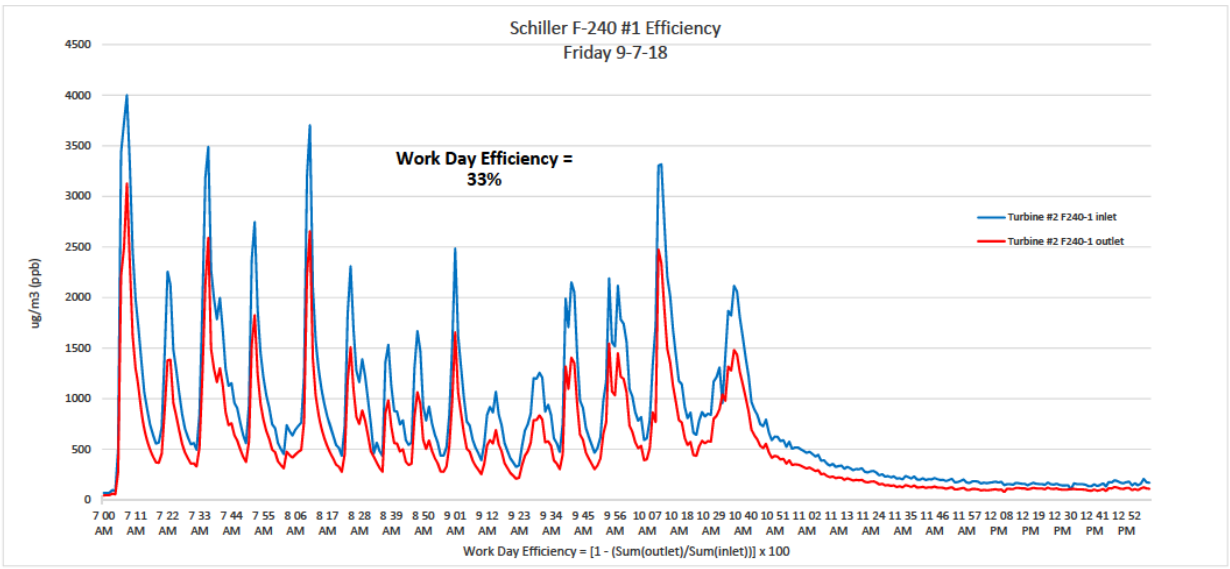

Schiller Hg Emissions
9-1-18 to 9-7-18
6645
6573
6499
6325
6611
6233
6466
Weekly total Hg Emission =
863.62 g or 1.88 % of allowable
2018 Total Hg Emission =
15,422 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

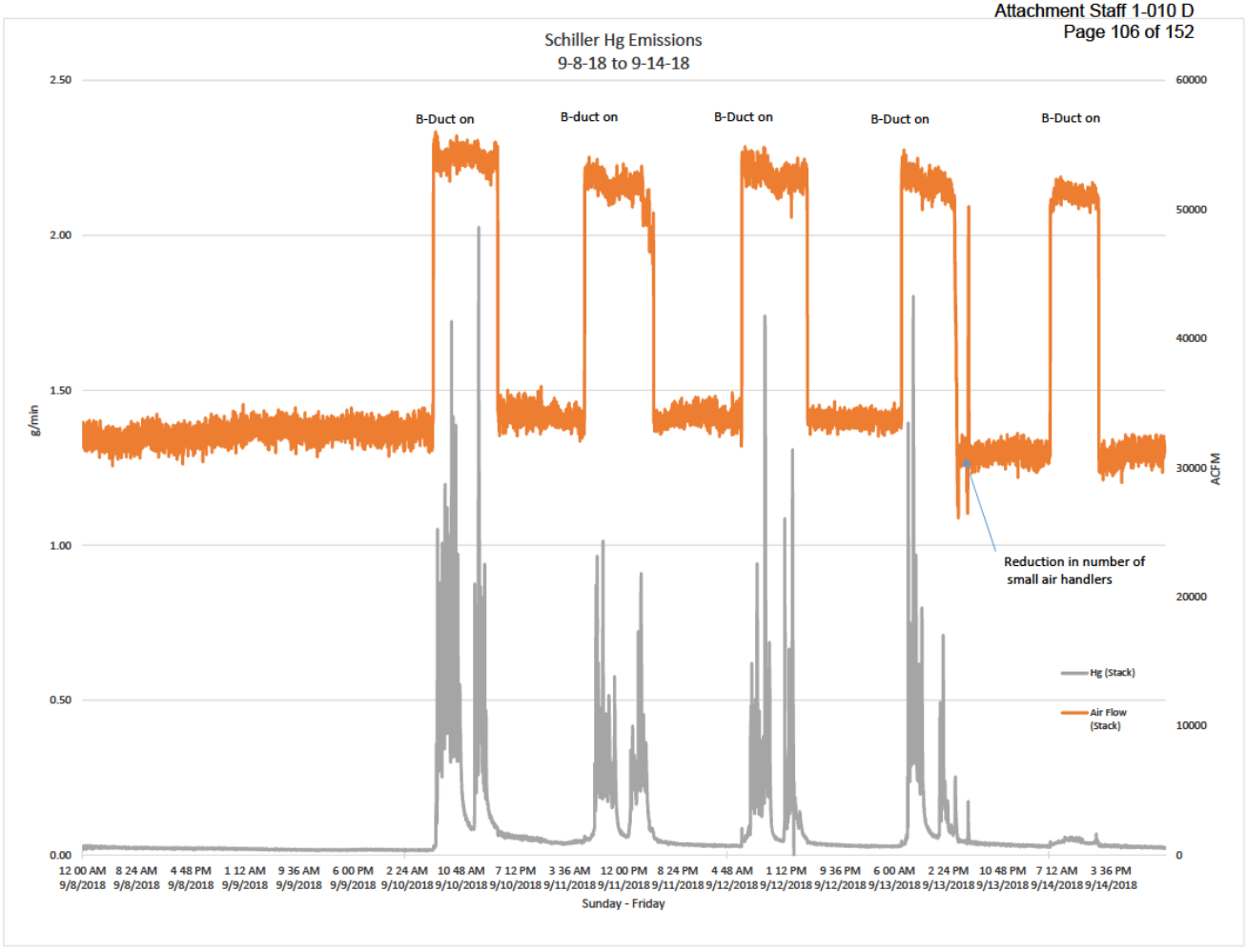

Schiller F-240 #1 Efficiency
Monday 9-3-18
Work Day Efficiency =
No Work (Labor Day)
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

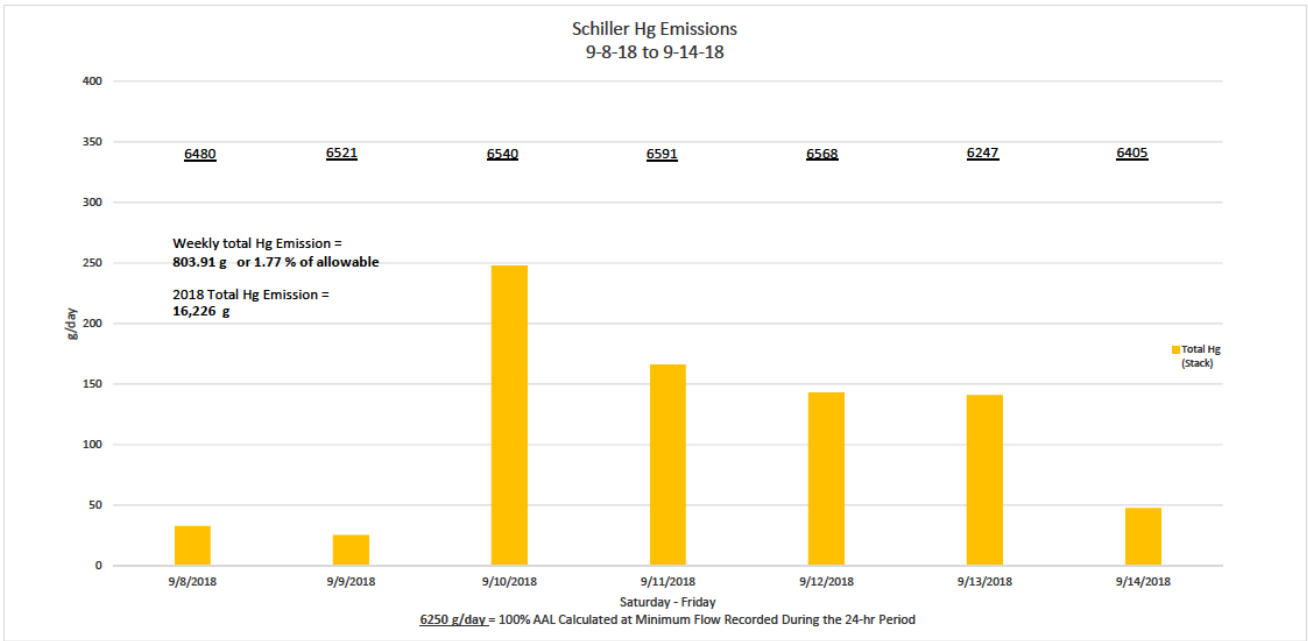

Schiller F-240 #1 Efficiency
Tuesday 89-4-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

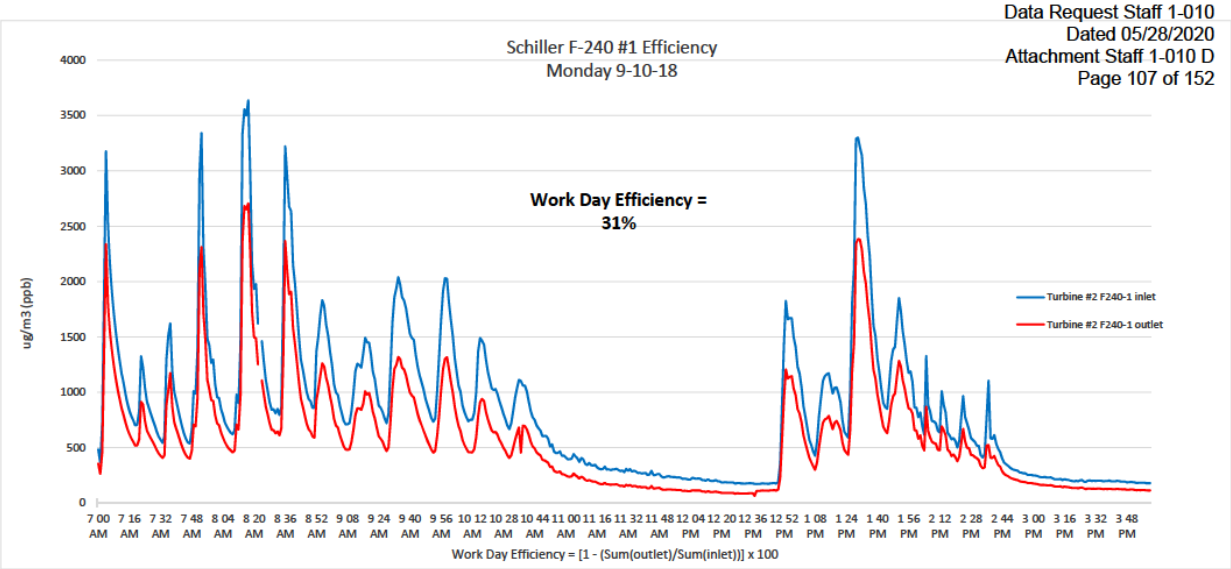

Schiller F-240 #1 Efficiency
Wednesday 9-5-18
Work Day Efficiency =
32 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

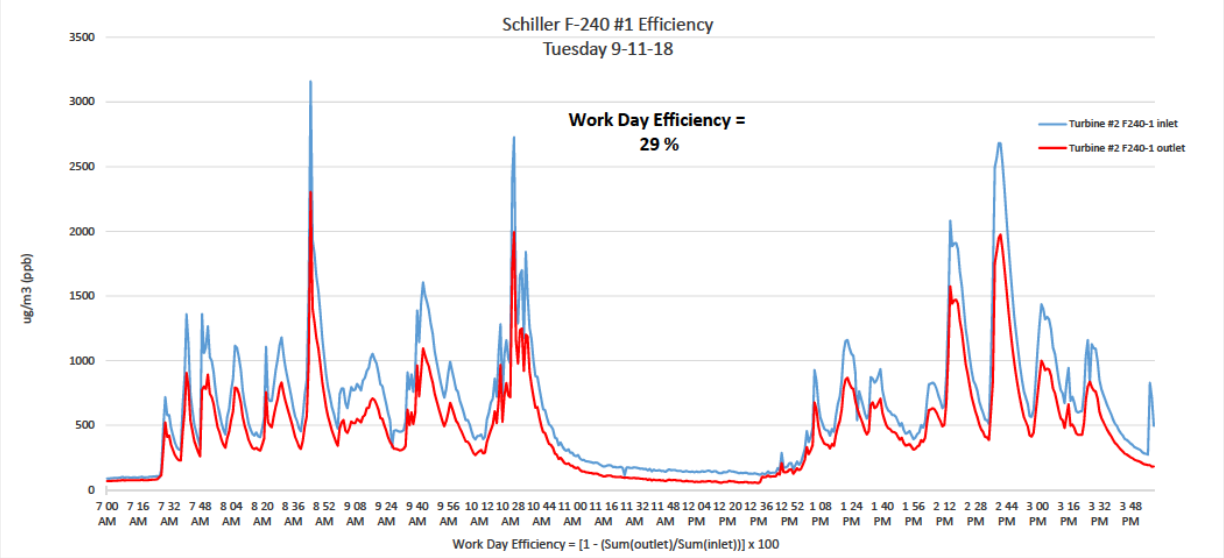

Schiller F-240 #1 Efficiency
Thursday 9-6-18
>4000 ppb
Work Day Efficiency =
22 %
Low effeciency due to maxing
out inlet Hg instrument (>4000 ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

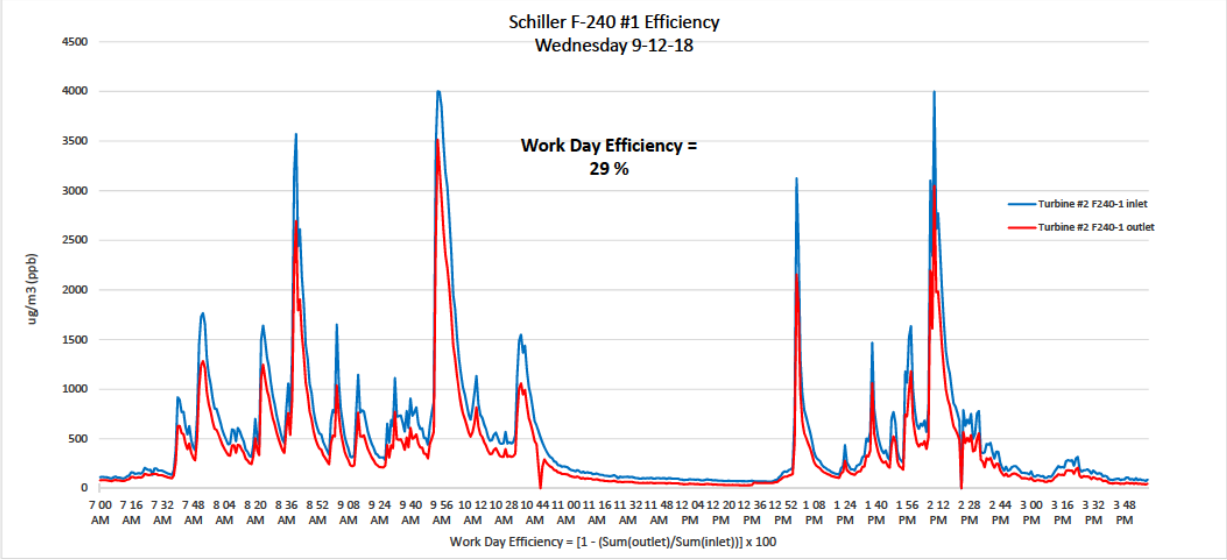

Schiller F-240 #1 Efficiency
Friday 9-7-18
Work Day Efficiency =
33%
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

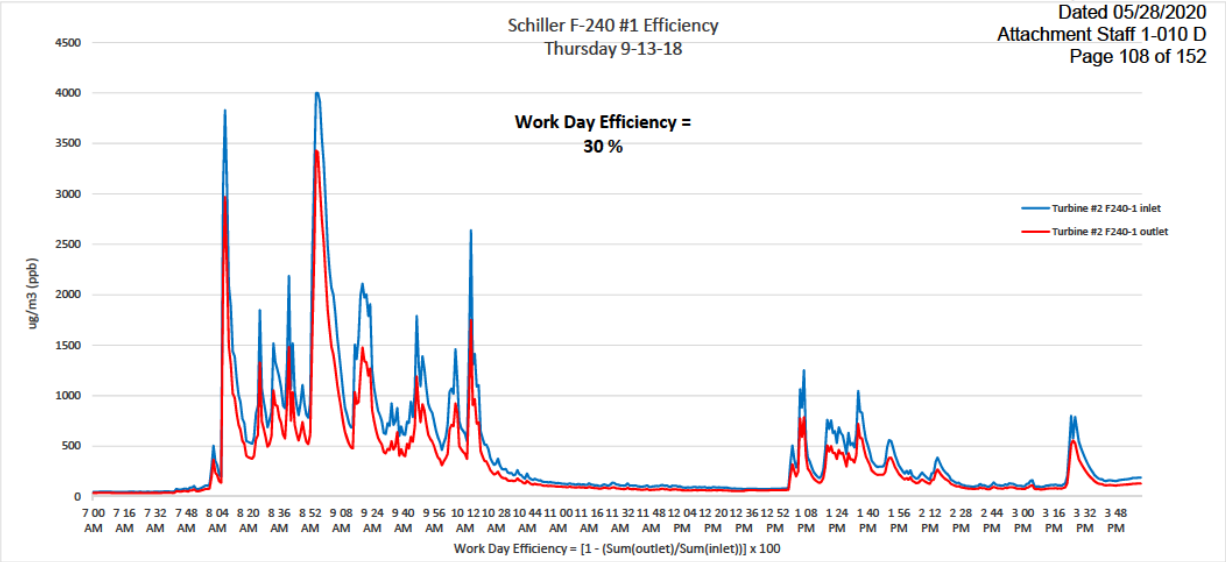

Schiller Hg Emissions
9-8-18 to 9-14-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
Reduction in number of small air handlers
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
Sunday - Friday

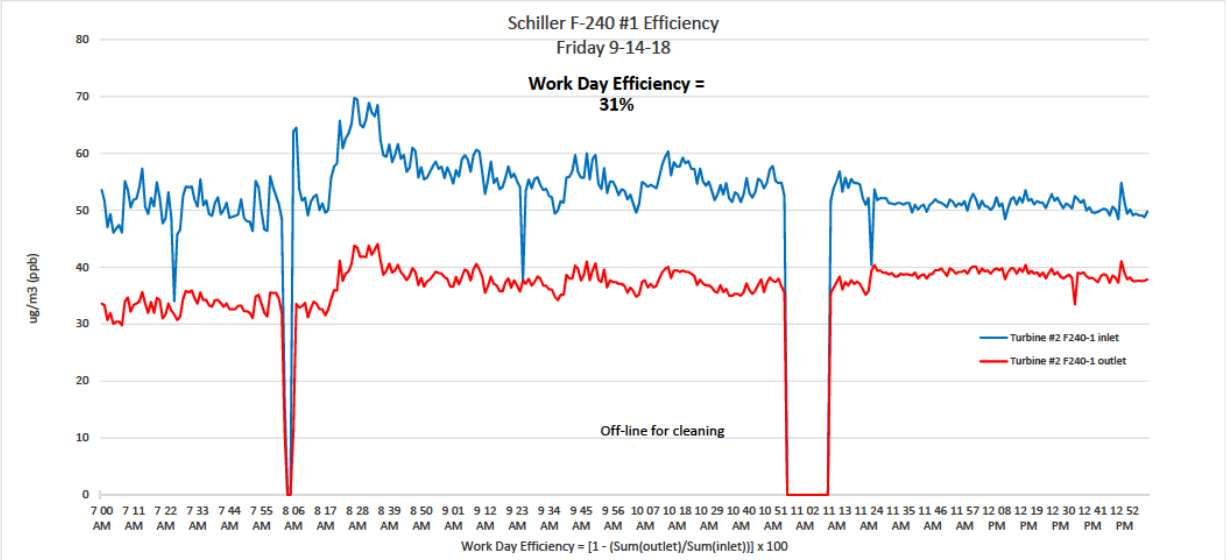

Schiller Hg Emissions
9-8-18 to 9-14-18
6480
6521
6540
6591
6568
6247
6405
Weekly total Hg Emission =
803.91 g or 1.77 % of allowable
2018 Total Hg Emission =
16,226 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

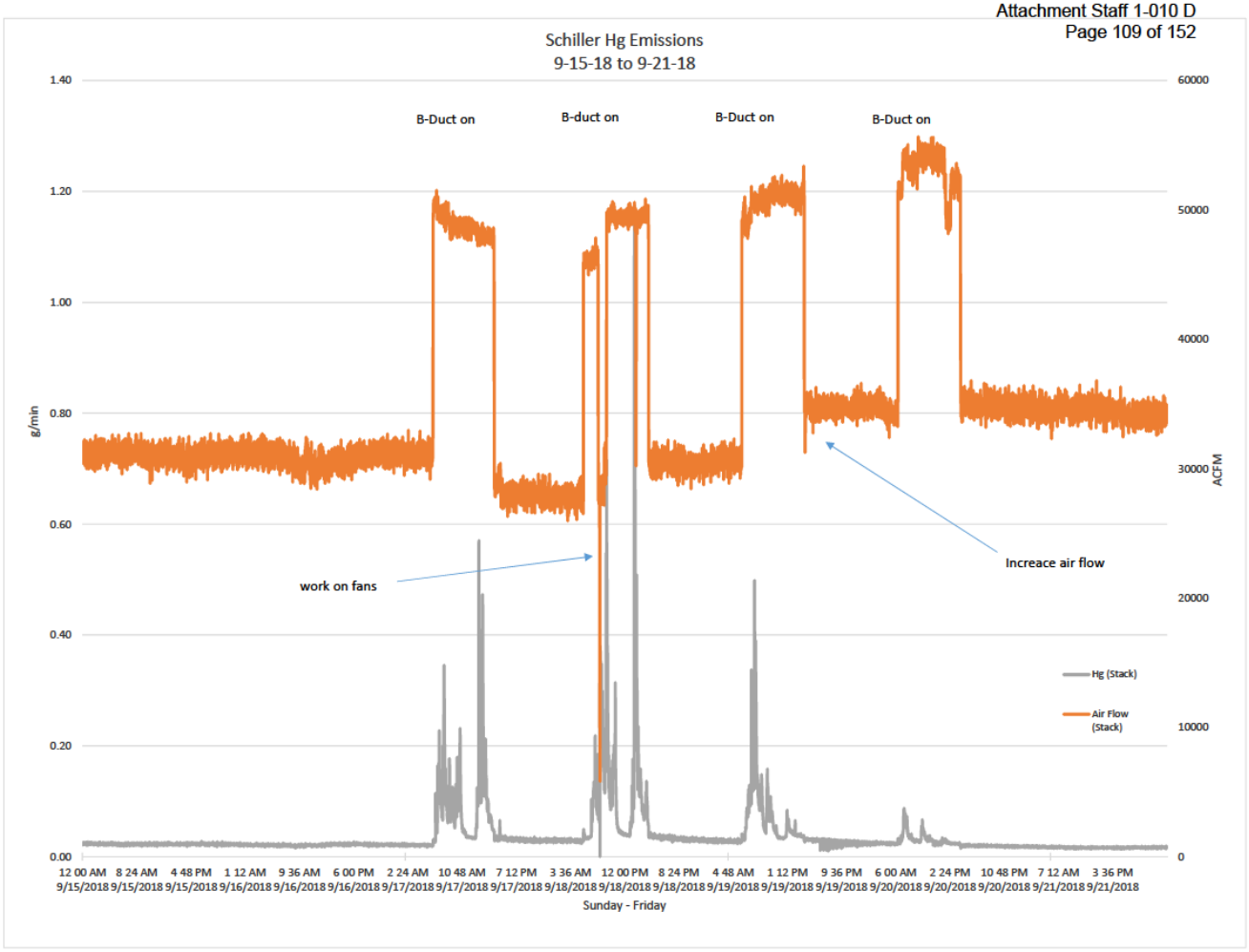

Schiller F-240 #1 Efficiency
Monday 9-10-18
Work Day Efficiency = 31%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

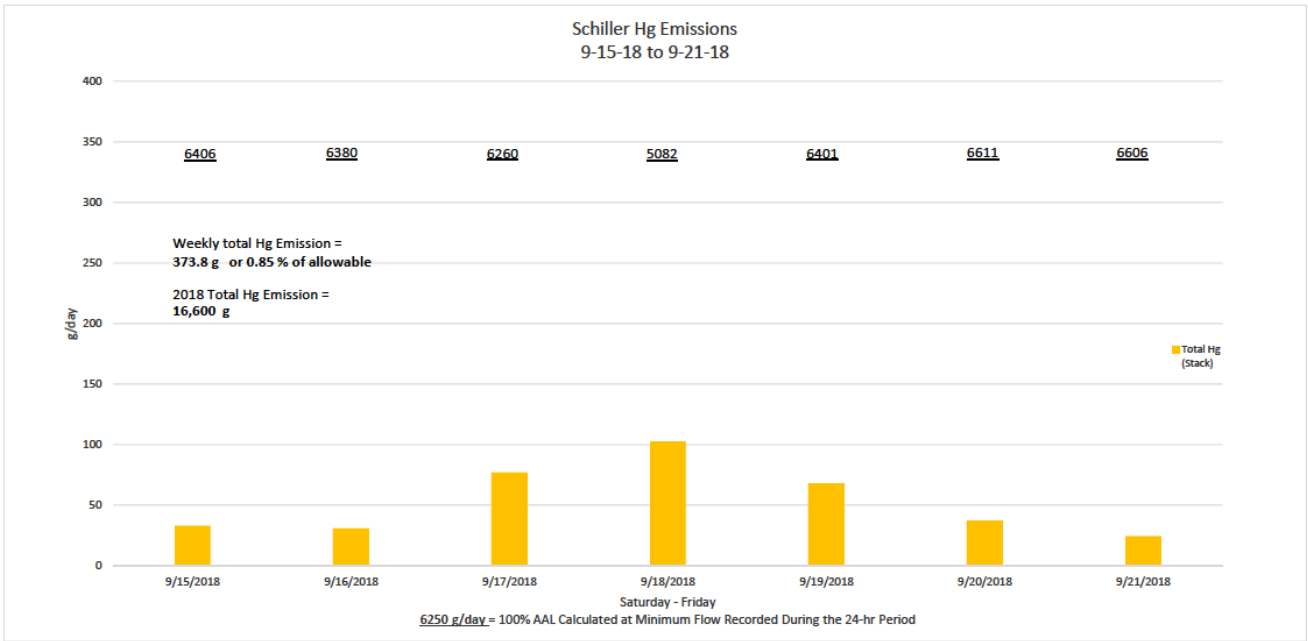

Schiller F-240 #1 Efficiency
Tuesday 9-11-18
Work Day Efficiency = 29 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

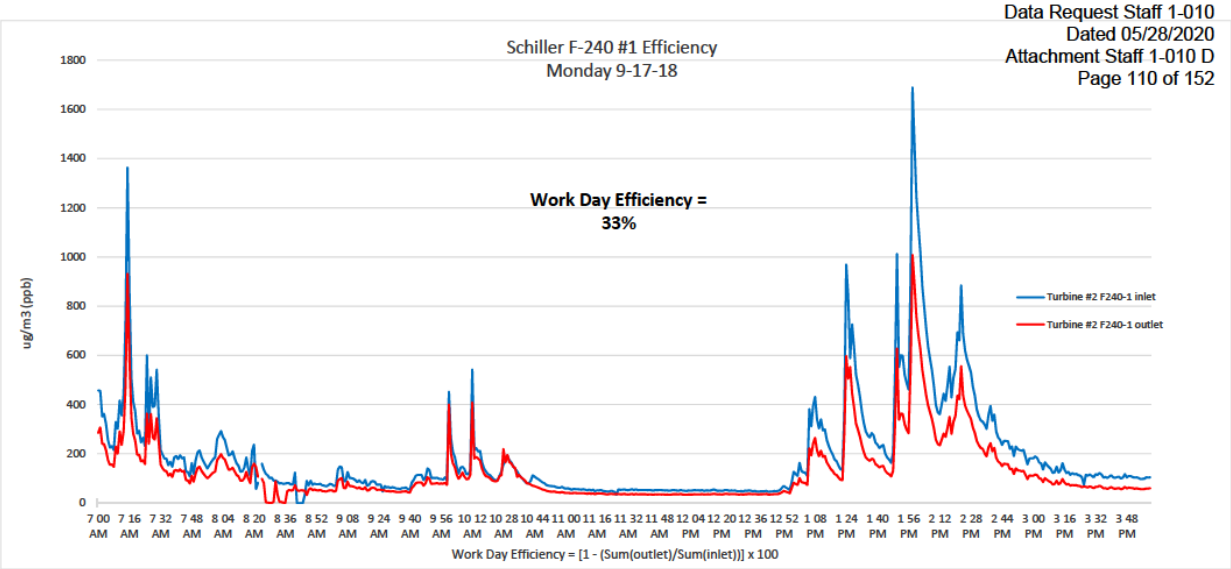

Schiller F-240 #1 Efficiency
Wednesday 9-12-18
Work Day Efficiency = 29 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

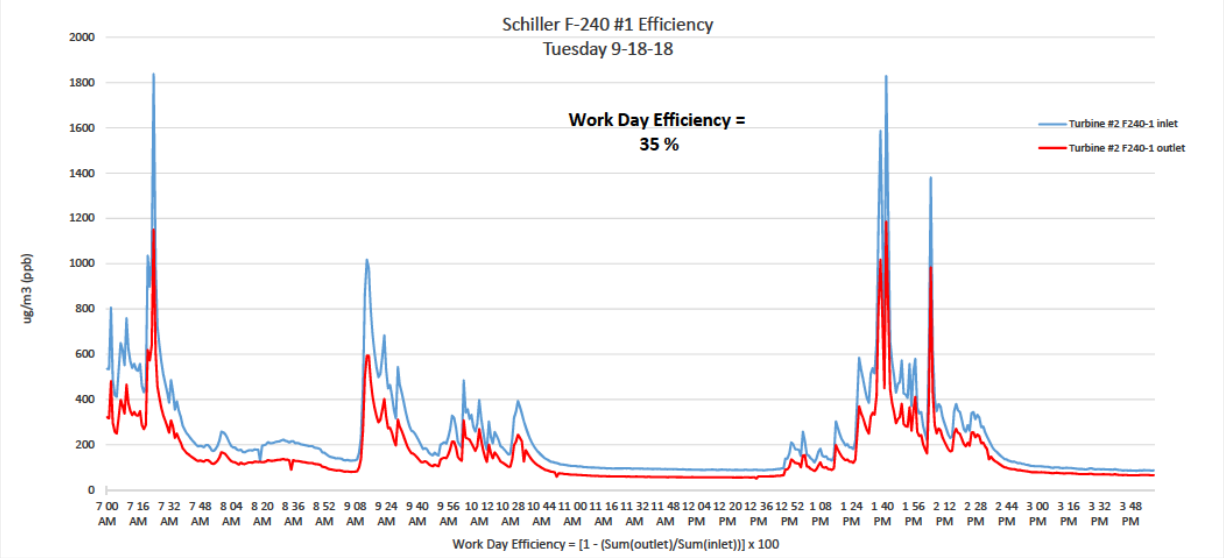

Schiller F-240 #1 Efficiency
Thursday 9-13-18
Work Day Efficiency =
30 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

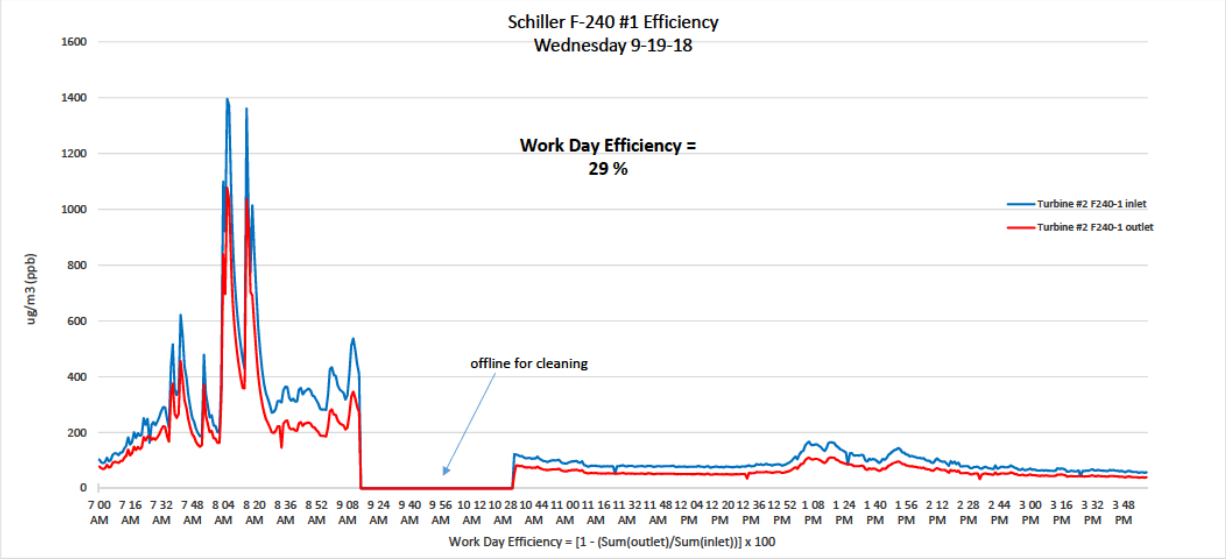

Schiller F-240 #1 Efficiency
Friday 9-14-18
Work Day Efficiency =
31%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Off-line for cleaning
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

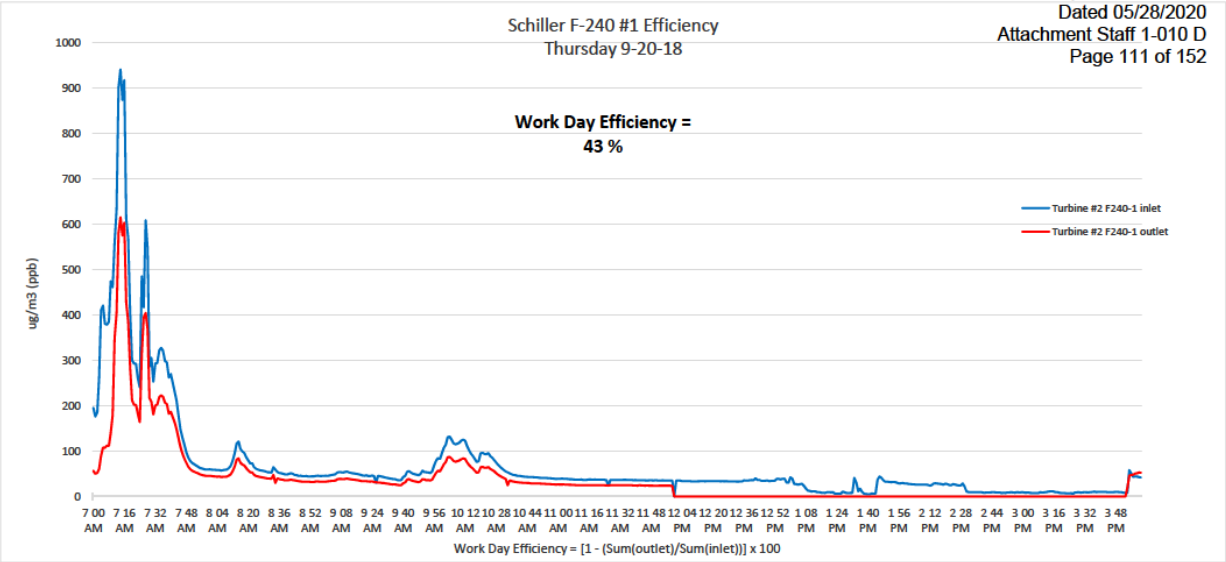

Schiller Hg Emissions
9-15-18 to 9-21-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
work on fans
Increace air flow
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

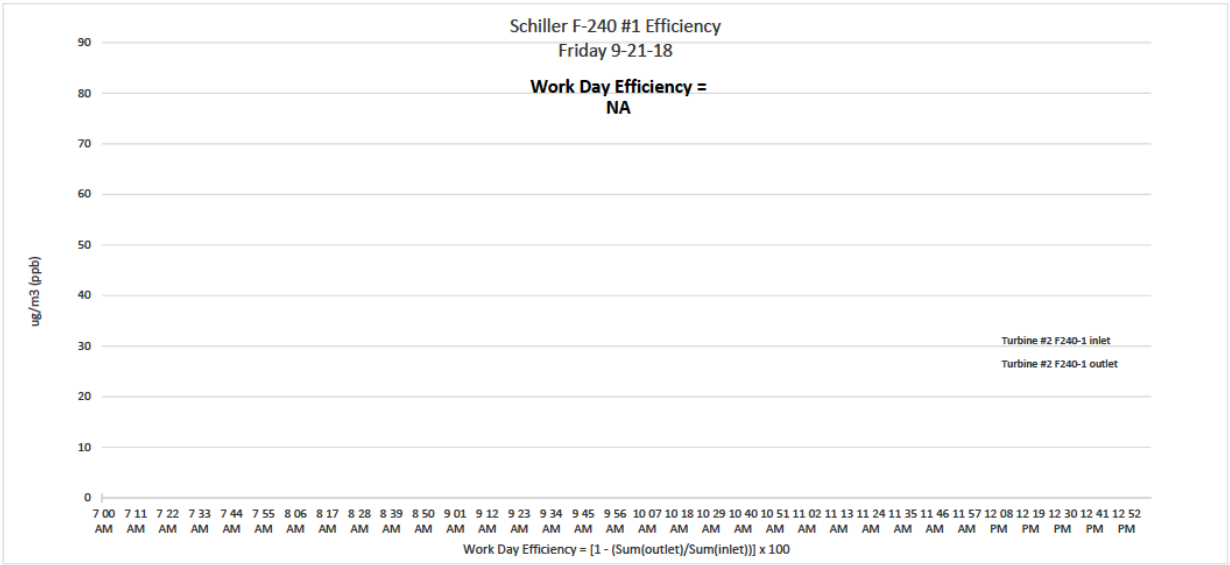

Schiller Hg Emissions
9-15-18 to 9-21-18
6406
6380
6260
5082
6401
6611
6606
Weekly total Hg Emission =
373.8 g or 0.85 % of allowable
2018 Total Hg Emission =
16,600 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

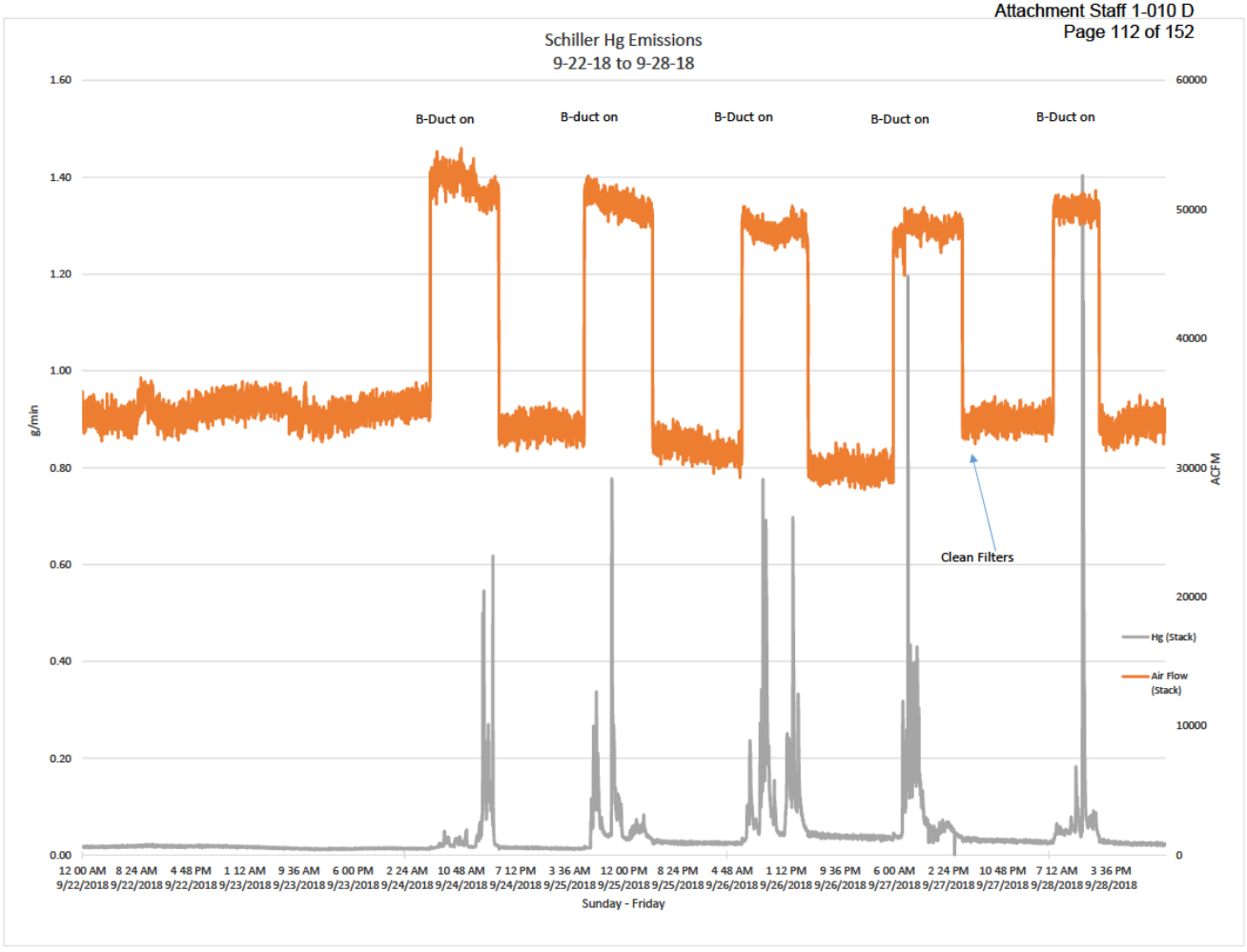

Schiller F-240 #1 Efficiency
Monday 9-17-18
Work Day Efficiency =
33%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

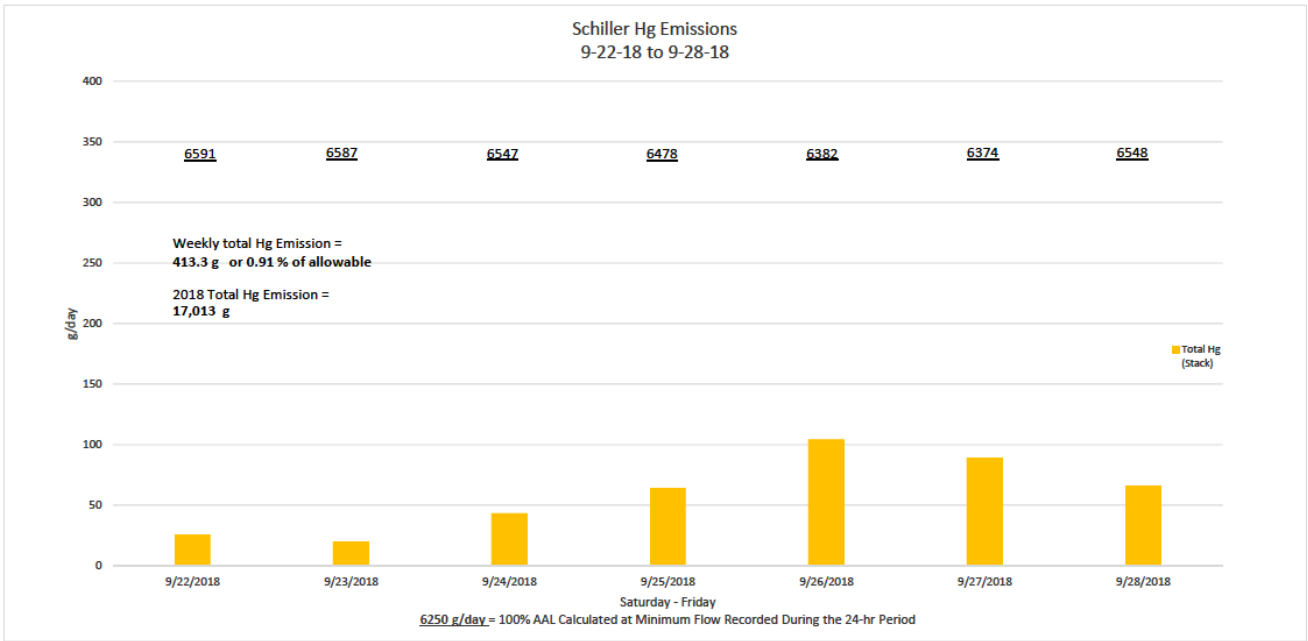

Schiller F-240 #1 Efficiency
Tuesday 9-18-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

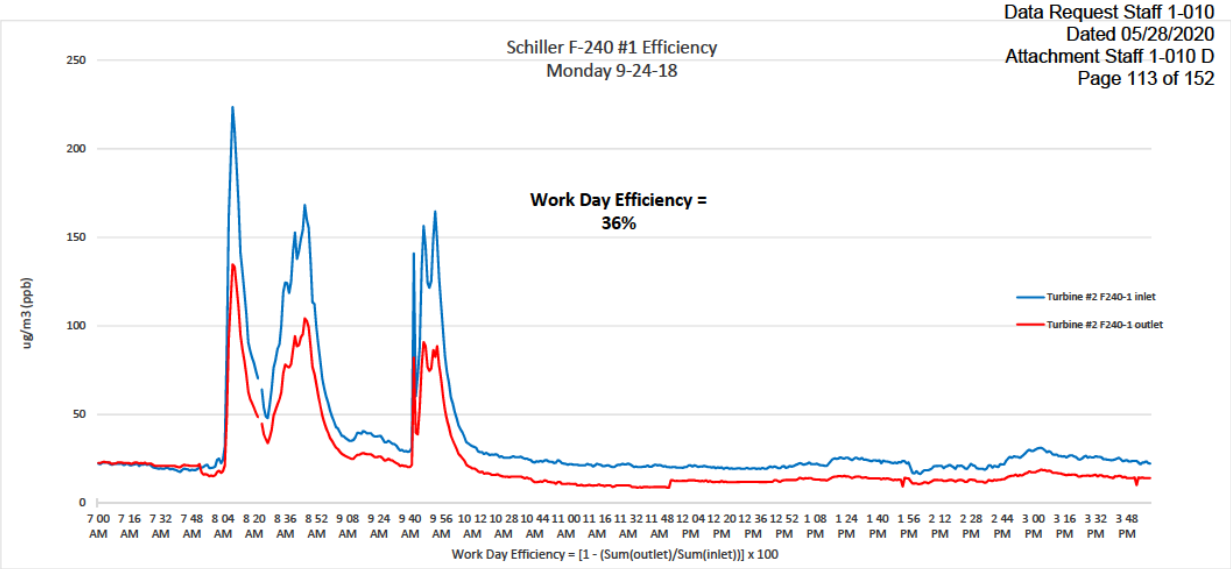

Schiller F-240 #1 Efficiency
Wednesday 9-19-18
Work Day Efficiency =
29 %
offline for cleaning
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

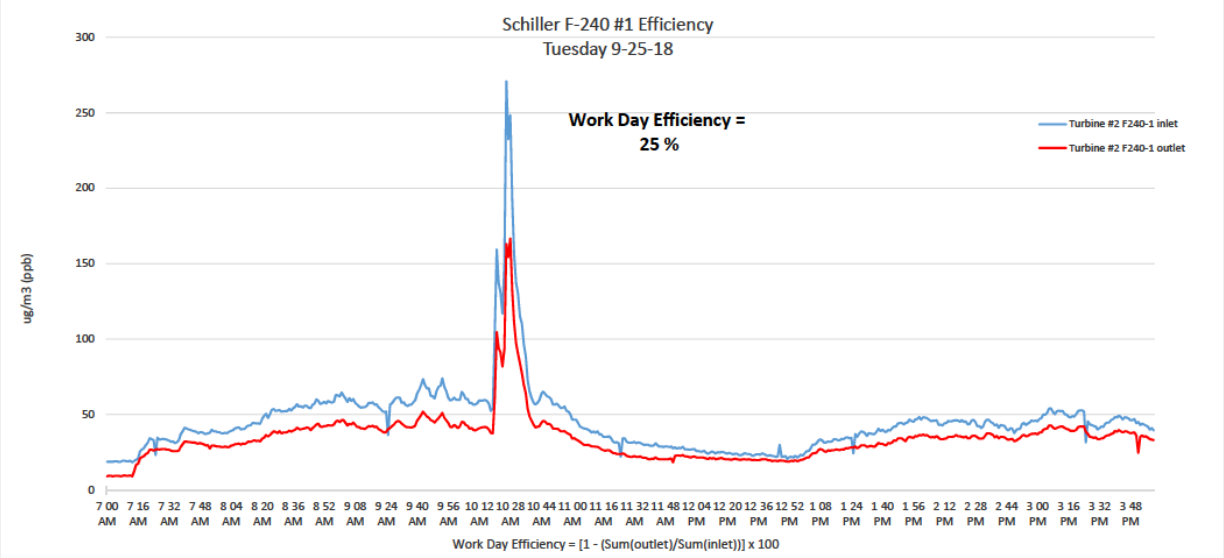

Schiller F-240 #1 Efficiency
Thursday 9-20-18
Work Day Efficiency =
43 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

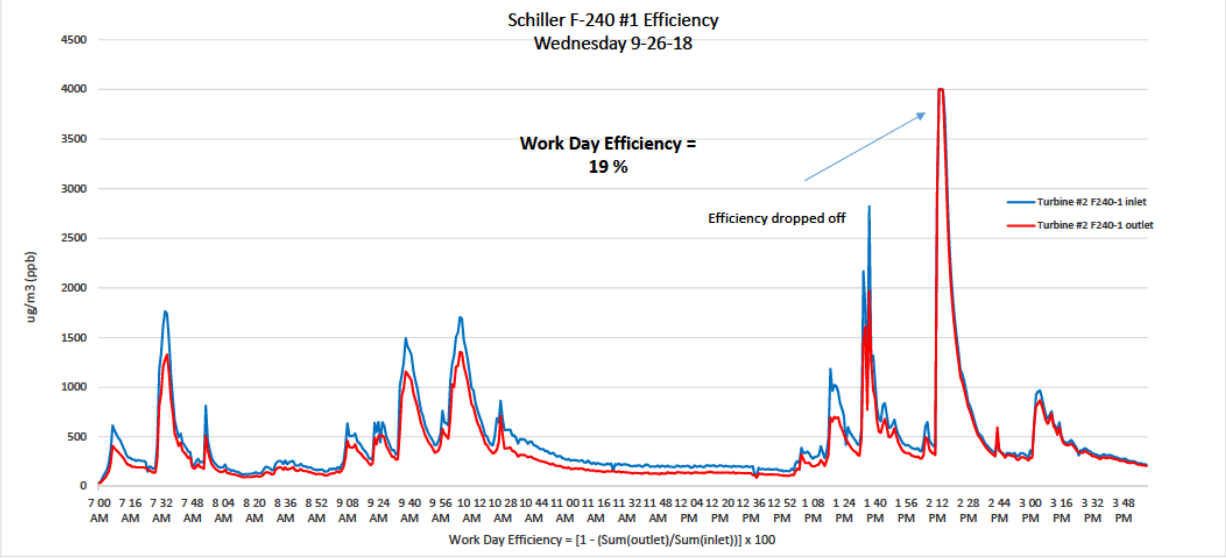

Schiller F-240 #1 Efficiency
Friday 9-21-18
Work Day Efficiency =
NA
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

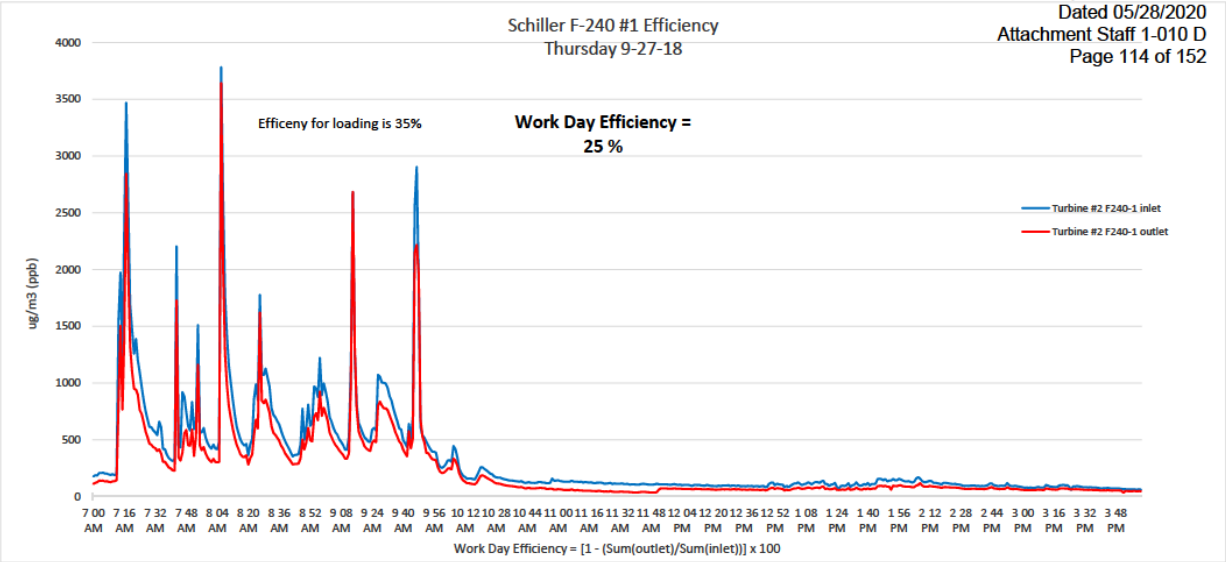

Schiller Hg Emissions
9-22-18 to 9-28-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
Clean Filters
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

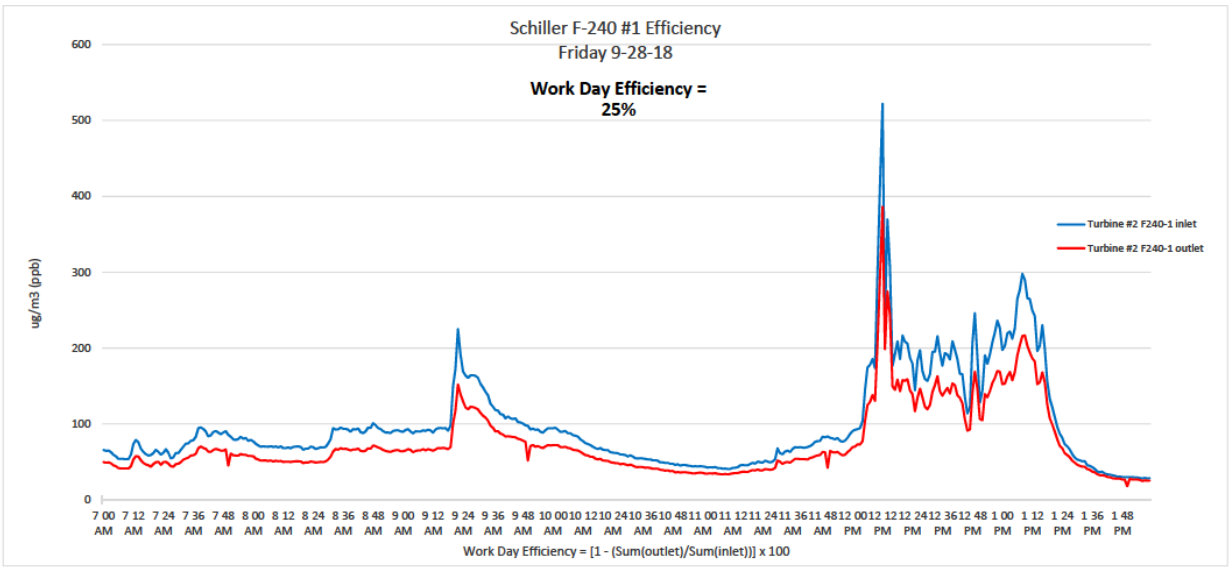

Schiller Hg Emissions
9-22-18 to 9-28-18
6591
6587
6547
6478
6382
6374
6548
Weekly total Hg Emission =
413.3 g or 0.91 % of allowable
2018 Total Hg Emission =
17,013 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller F-240 #1 Efficiency
Monday 9-24-18
Work Day Efficiency =
36%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

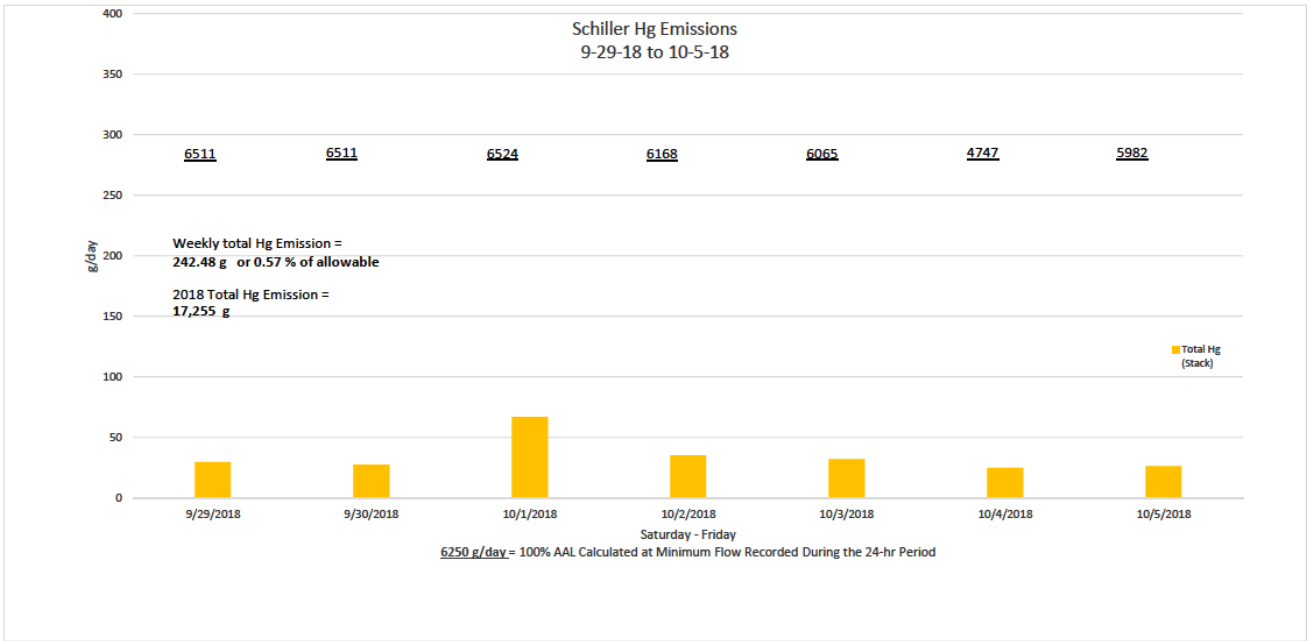

Schiller F-240 #1 Efficiency
Tuesday 9-25-18
Work Day Efficiency =
25 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

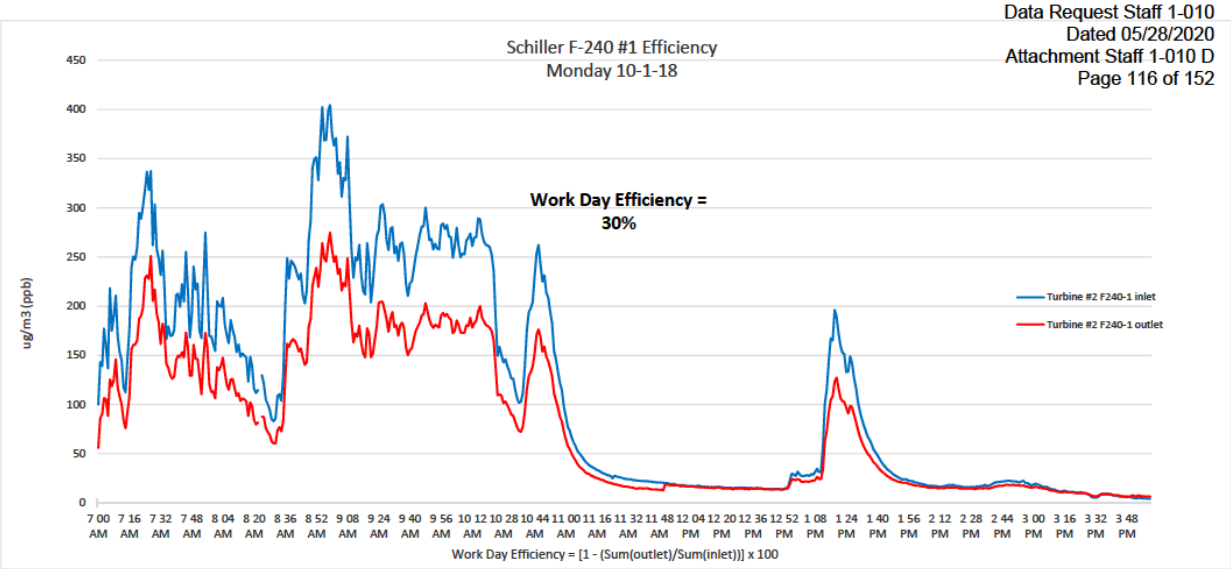

Schiller F-240 #1 Efficiency
Wednesday 9-26-18
Work Day Efficiency =
19 %
Efficiency dropped off
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

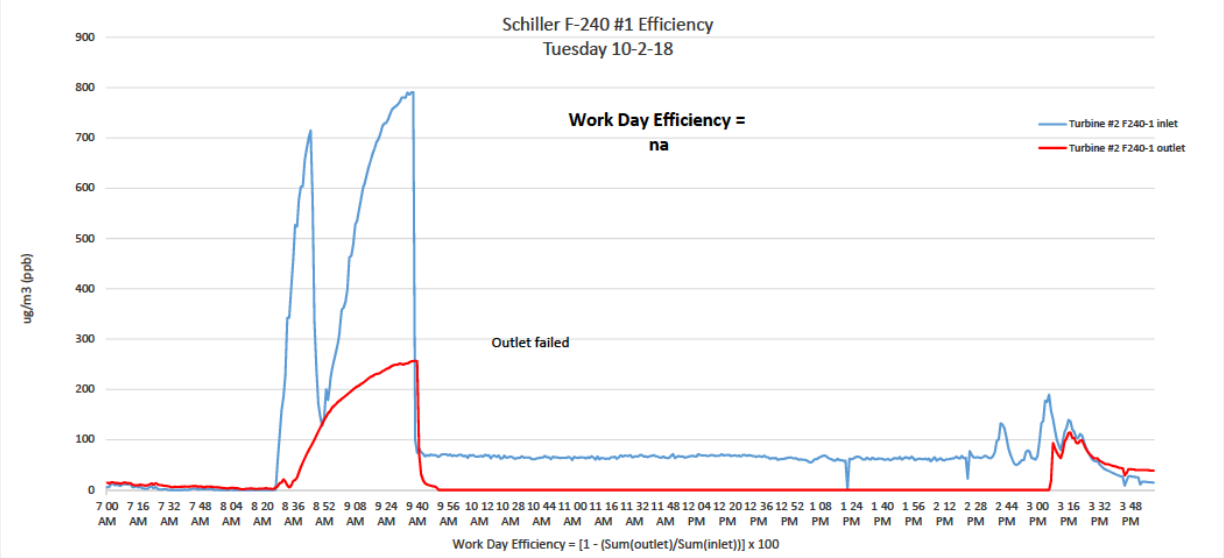

Schiller F-240 #1 Efficiency
Thursday 9-27-18
Efficeny for loading is 35%
Work Day Efficiency =
25 %
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

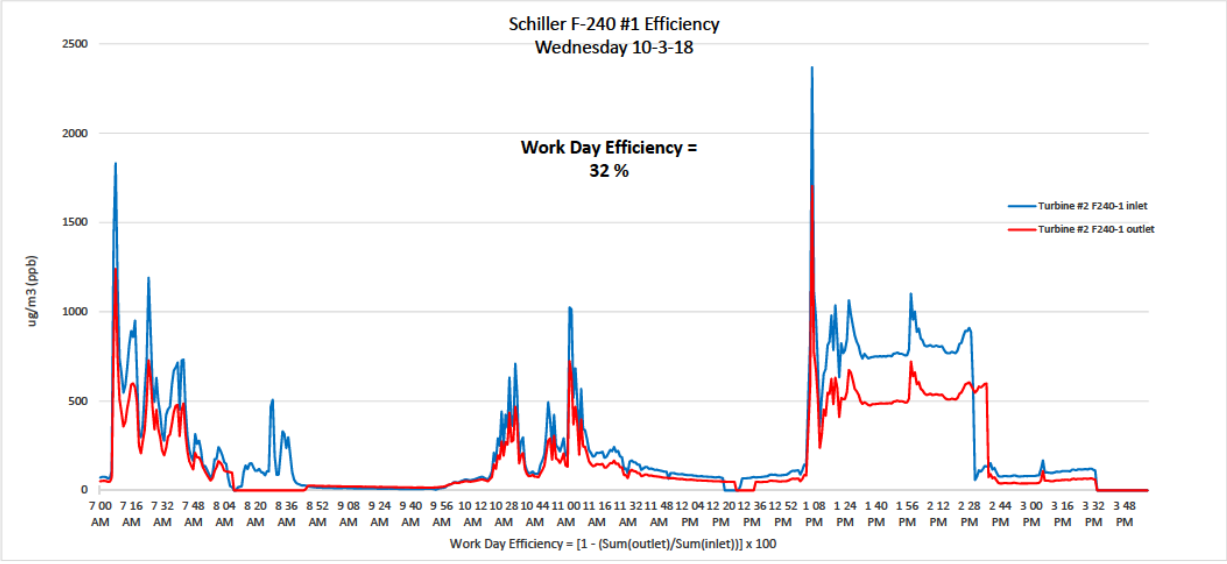

Schiller F-240 #1 Efficiency
Friday 9-28-18
Work Day Efficiency =
25%
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

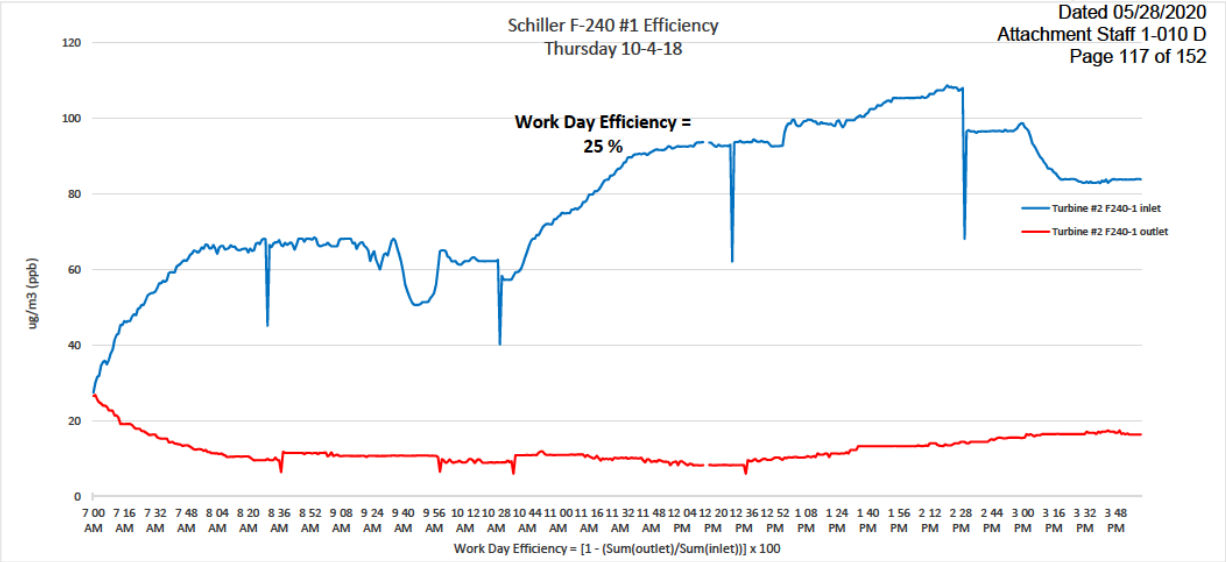

Schiller Hg Emissions
9-29-18 to 10-5-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
Removing Air Handlers
Flow dropped for 3mins
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

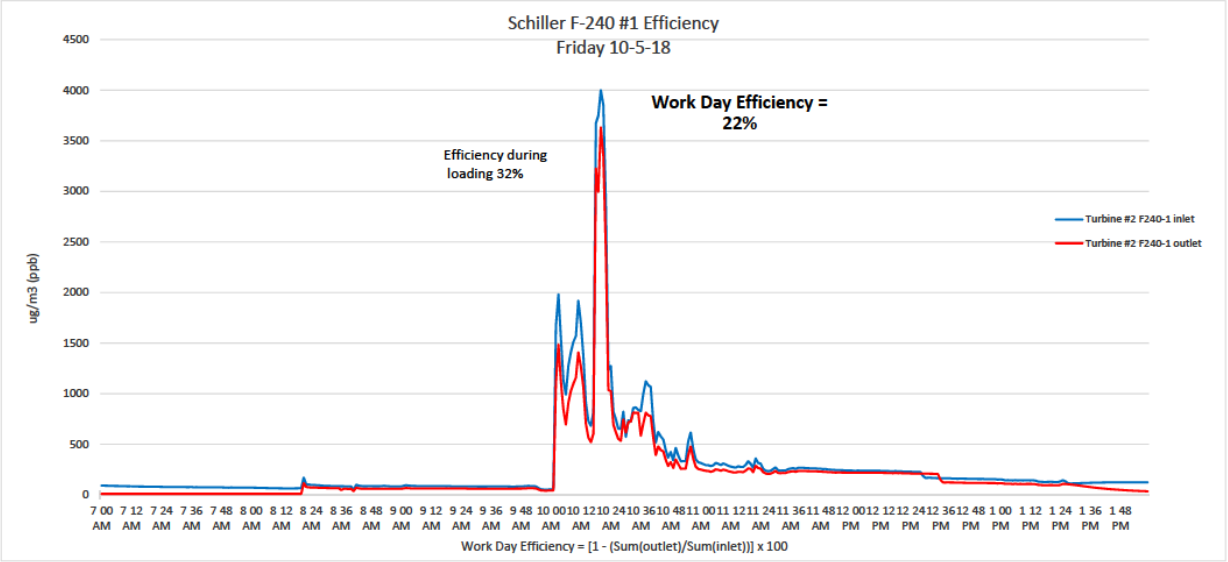

Schiller Hg Emissions
9-29-18 to 10-5-18
6511
6511
6524
6168
6065
4747
5982
Weekly total Hg Emission =
242.48 g or 0.57 % of allowable
2018 Total Hg Emission =
17,255 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

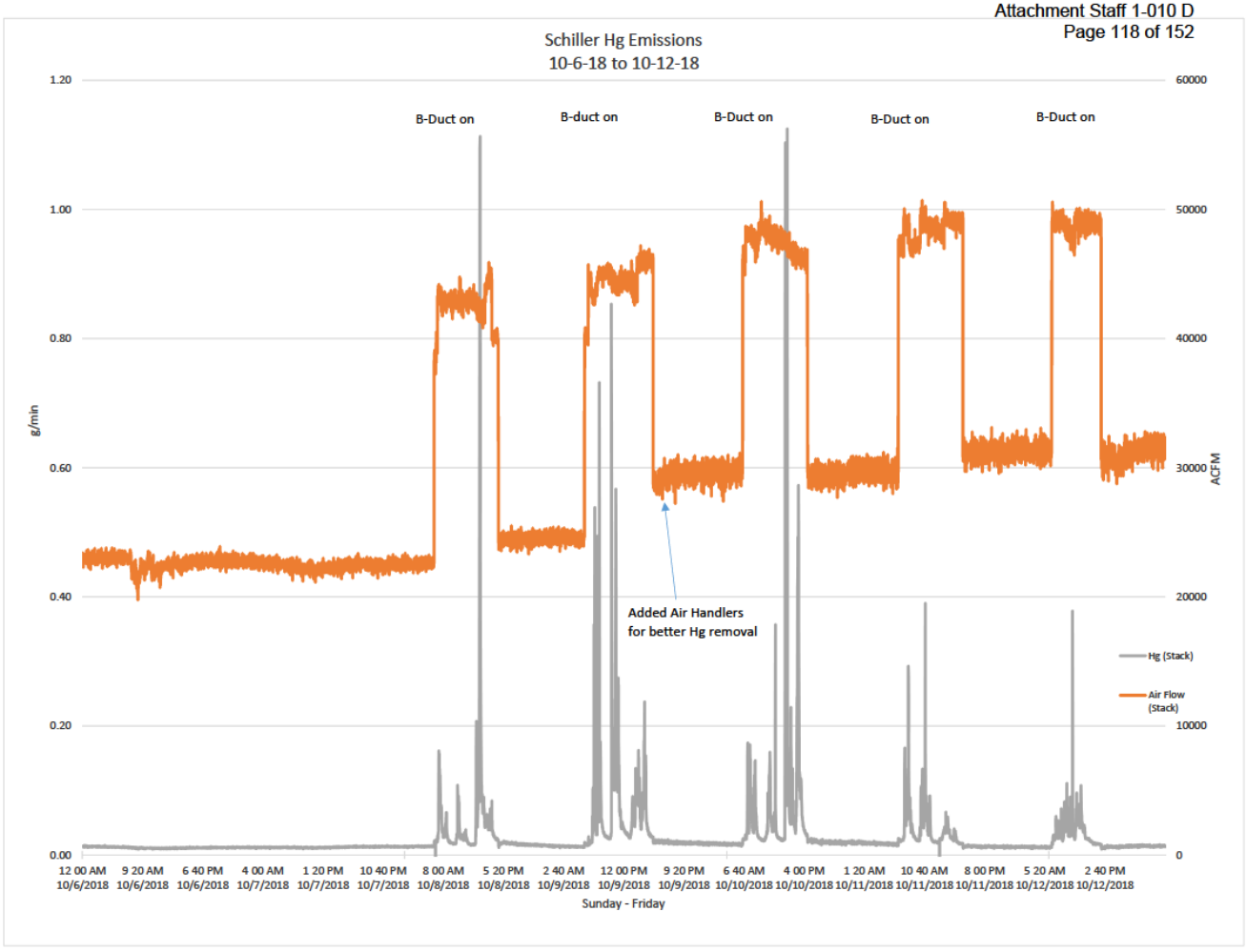

Schiller F-240 #1 Efficiency
Monday 10-1-18
Work Day Efficiency =
30%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

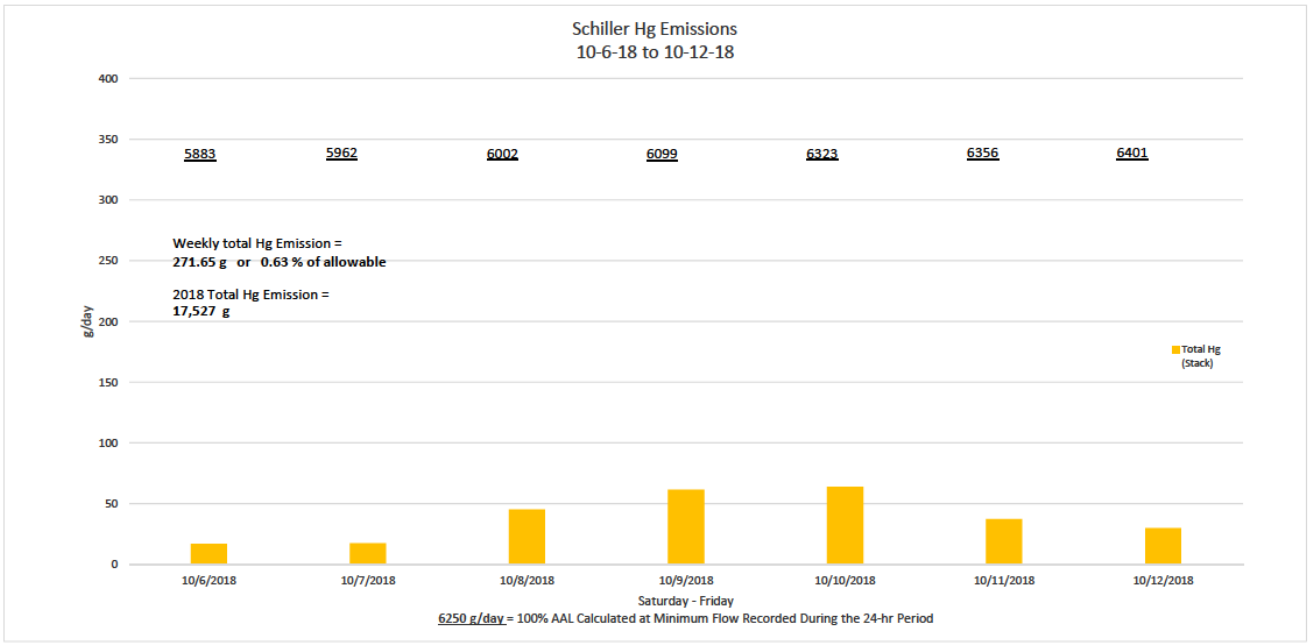

Schiller F-240 #1 Efficiency
Tuesday 10-2-18
Work Day Efficiency =
na
Outlet failed
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

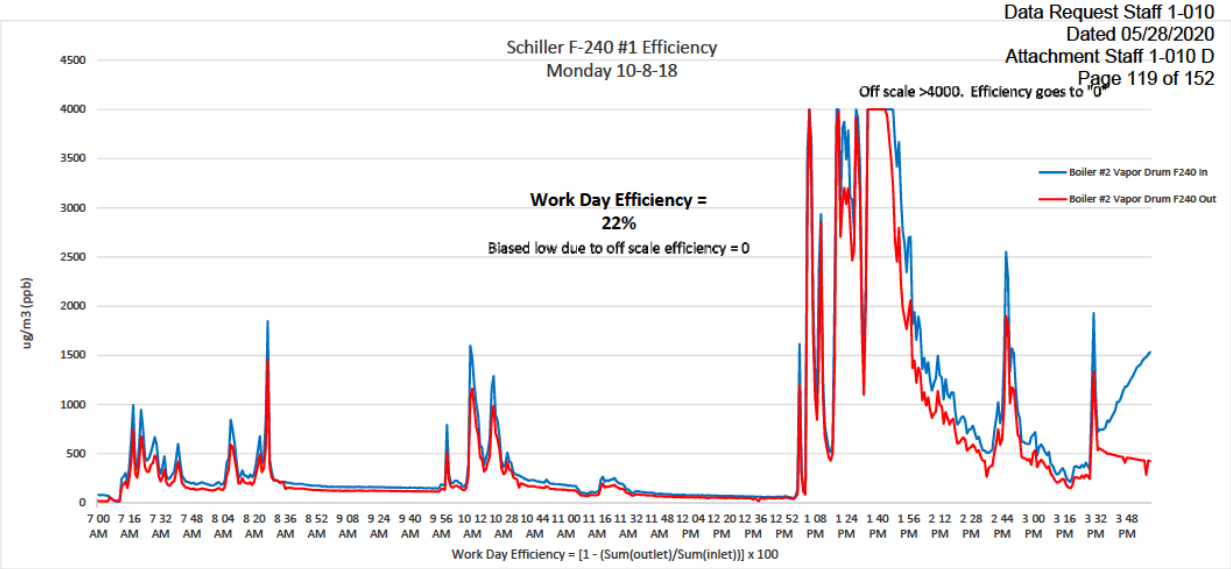

Schiller F-240 #1 Efficiency
Wednesday 10-3-18
Work Day Efficiency =
32 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

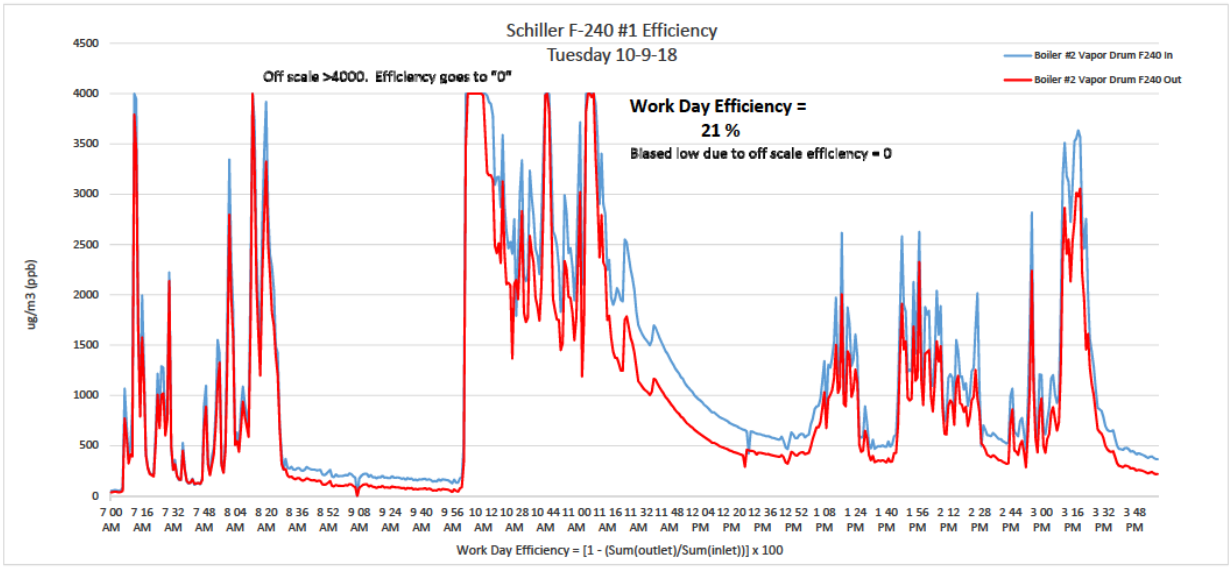

Schiller F-240 #1 Efficiency
Thursday 10-4-18
Work Day Efficiency = 25 %
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

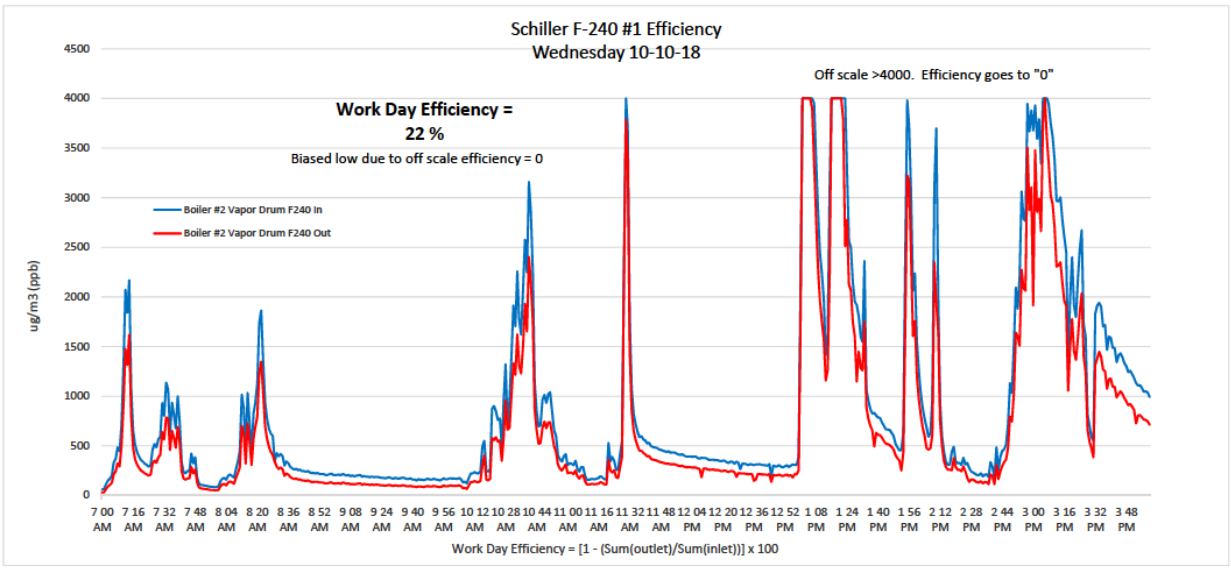

Schiller F-240 #1 Efficiency
Friday 10-5-18
Work Day Efficiency = 22%
Efficiency during loading 32%
ug/m3 (ppb)
Turbine #2 F240-1 inlet
Turbine #2 F240-1 outlet
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

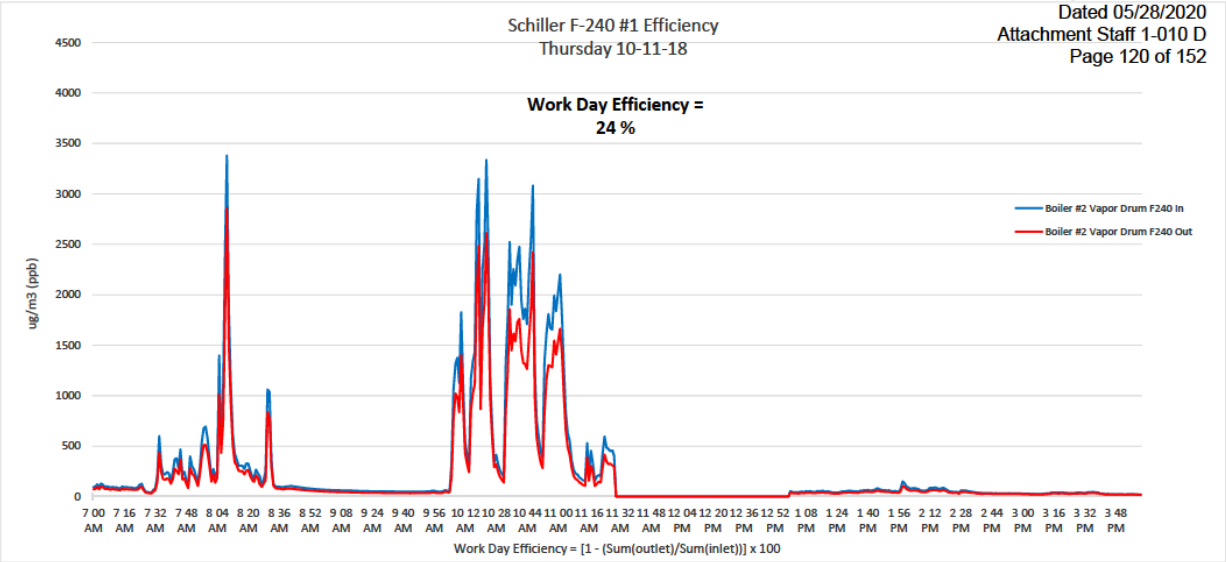

Schiller Hg Emissions
10-6-18 to 10-12-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
Added Air Handlers
for better Hg removal
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

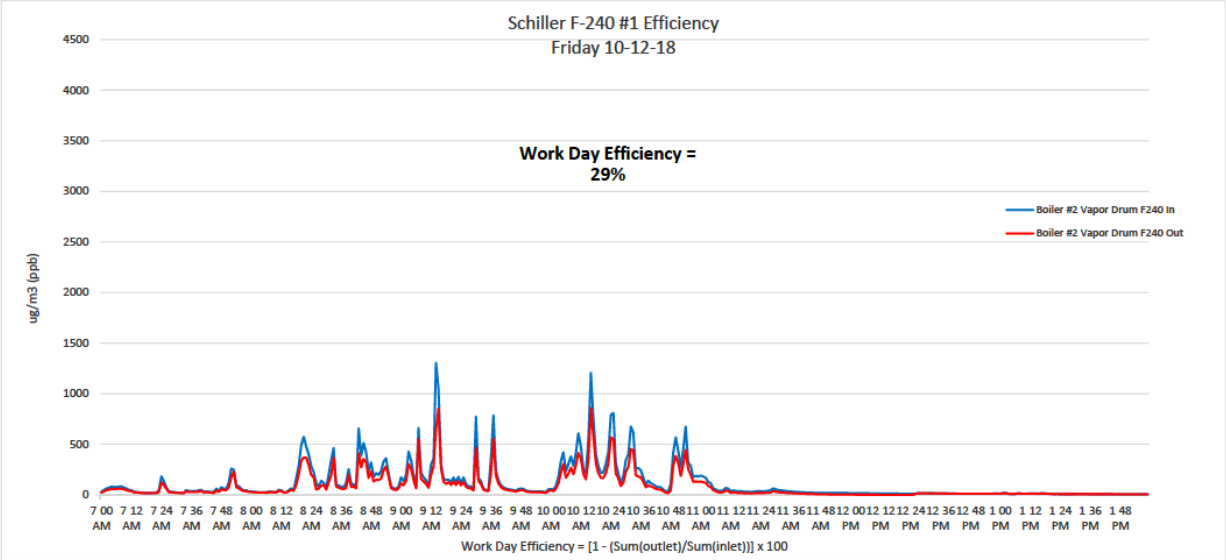

Schiller Hg Emissions
10-6-18 to 10-12-18
5883
5962
6002
6099
6323
6356
6401
Weekly total Hg Emission =
271.65 g or 0.63 % of allowable
2018 Total Hg Emission =
17,527 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller F-240 #1 Efficiency
Monday 10-8-18
Off scale >4000. Efficiency goes to "0"
Work Day Efficiency =
22%
Biased low due to off scale efficiency = 0
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

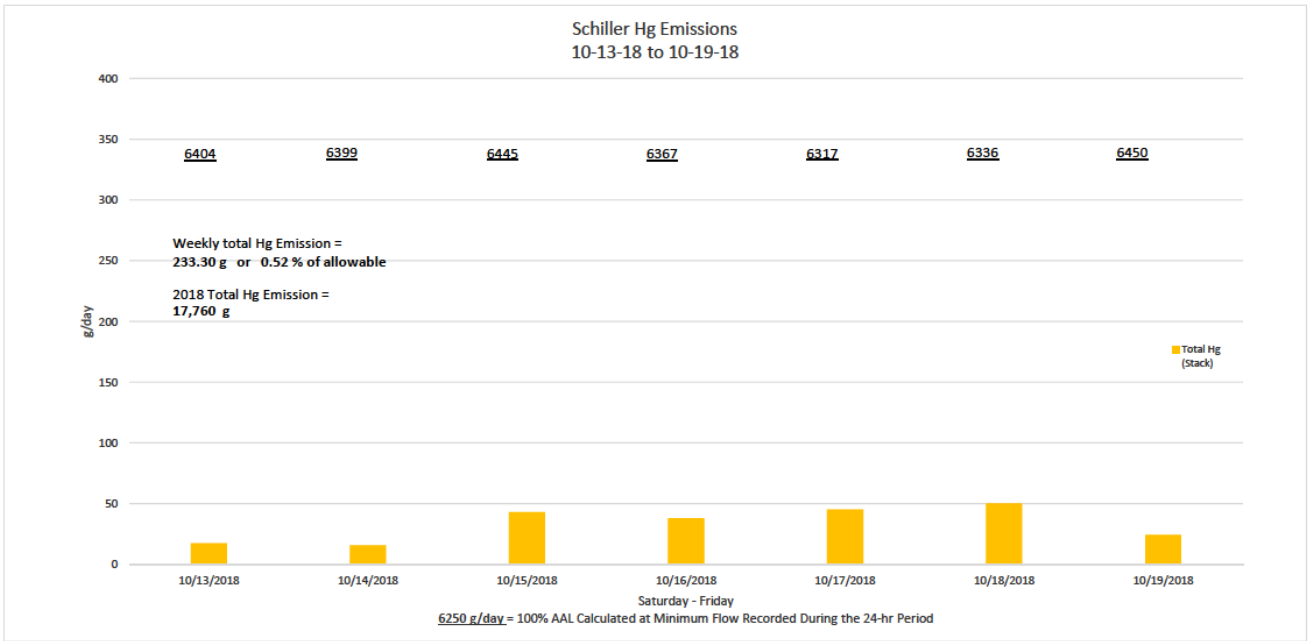

Schiller F-240 #1 Efficiency
Tuesday 10-9-18
Off scale >4000. Efficiency goes to "0"
Work Day Efficiency =
21 %
Biased low due to off scale efficiency = 0
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

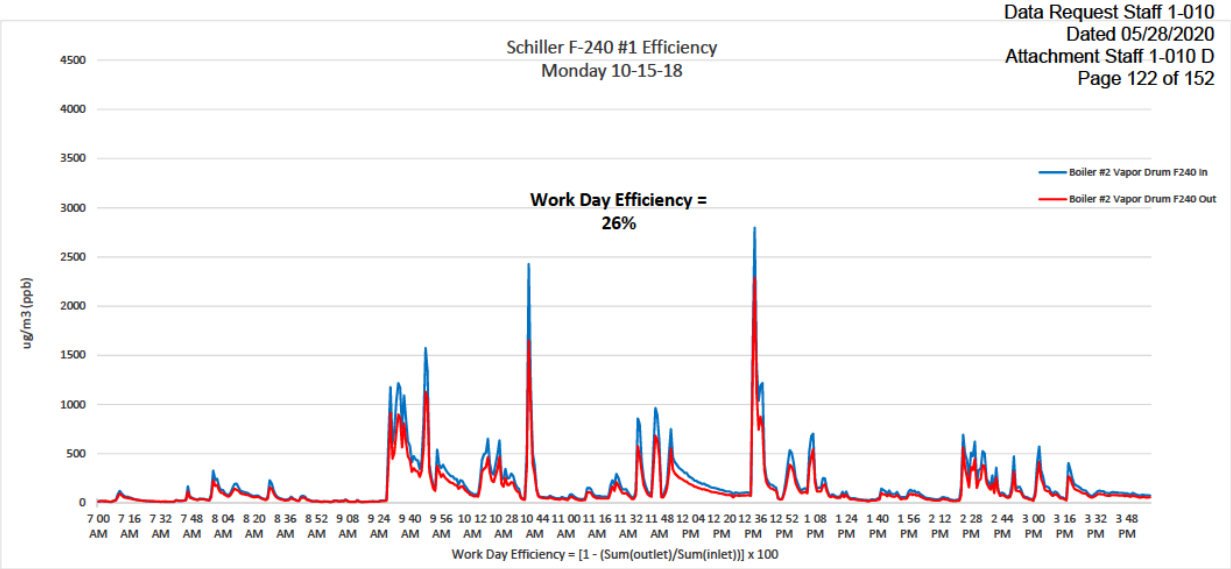

Schiller F-240 #1 Efficiency
Wednesday 10-10-18
Off scale >4000. Efficiency goes to "0"
Work Day Efficiency =
22 %
Biased low due to off scale efficiency = 0
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

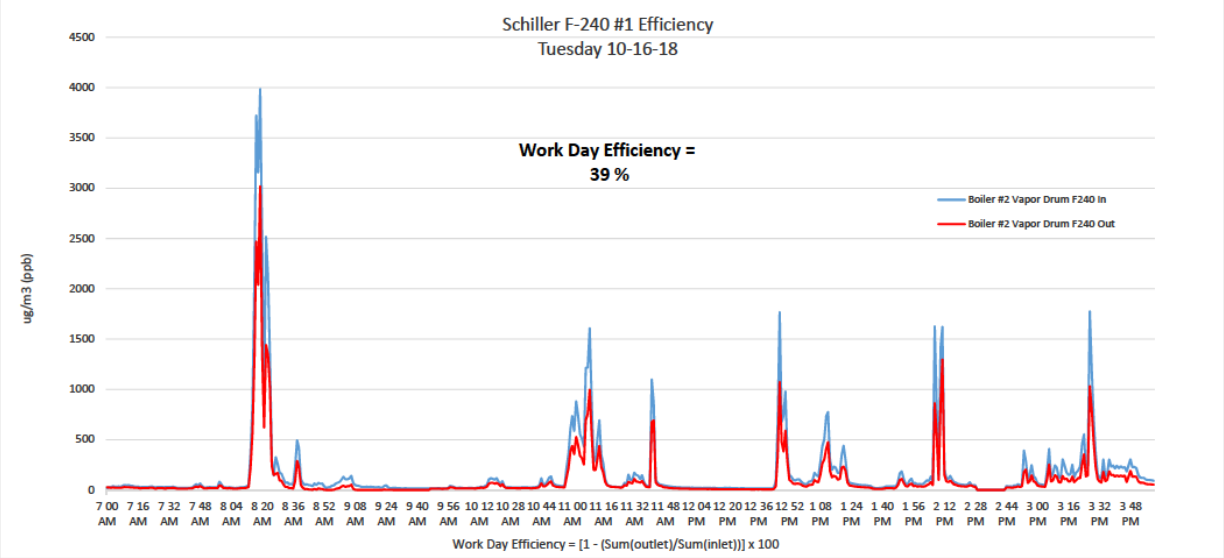

Schiller F-240 #1 Efficiency
Thursday 10-11-18
Work Day Efficiency =
24 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

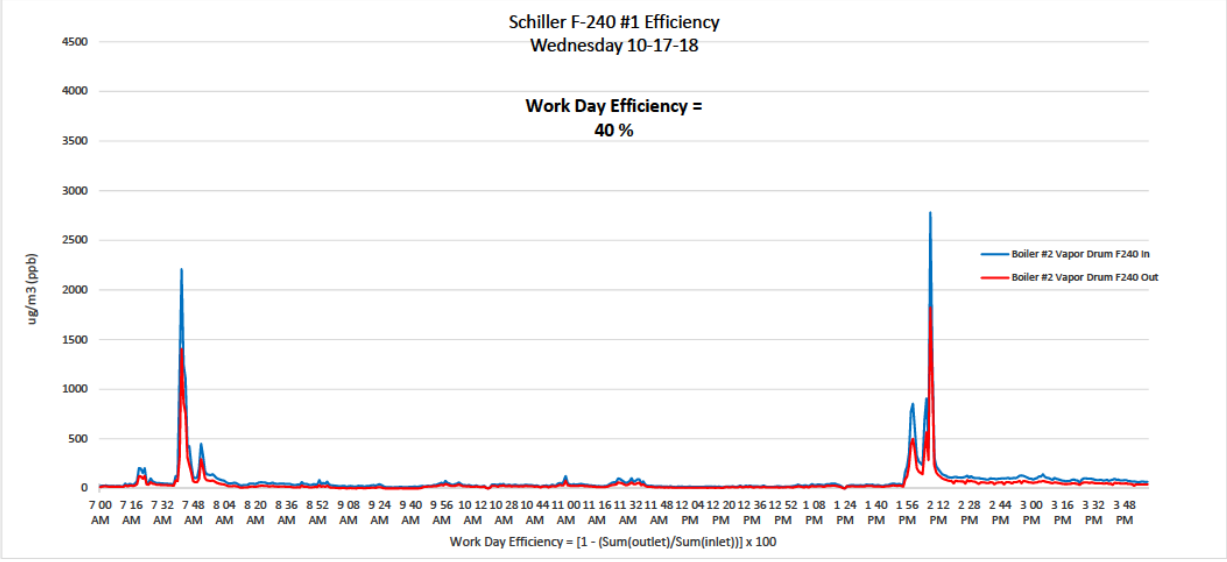

Schiller F-240 #1 Efficiency
Friday 10-12-18
Work Day Efficiency =
29%
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

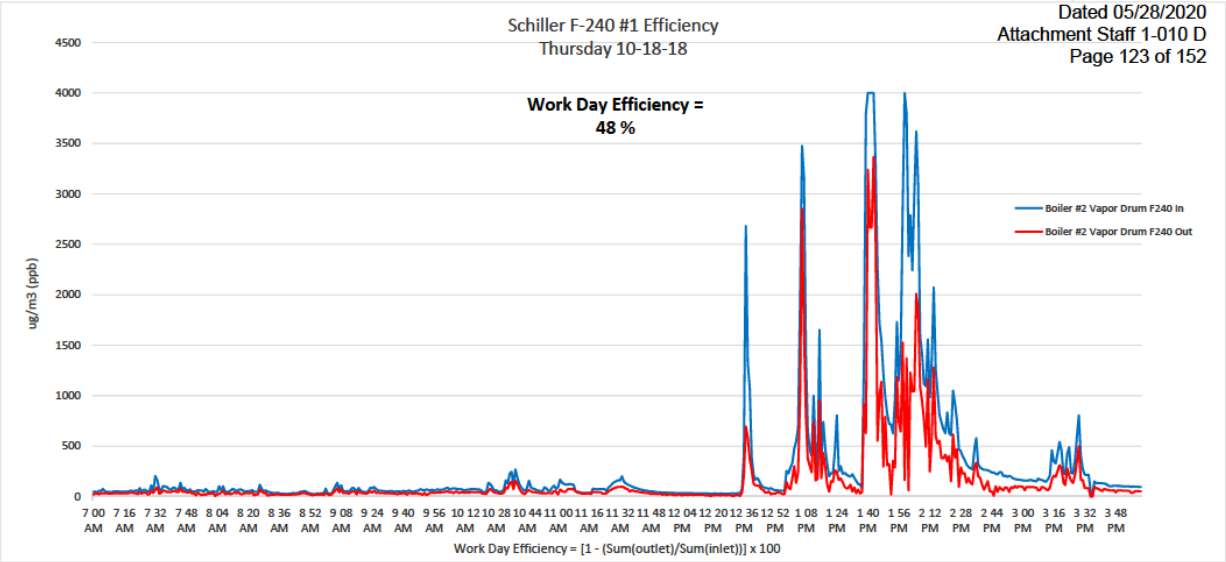

Schiller Hg Emissions
10-13-18 to 10-19-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

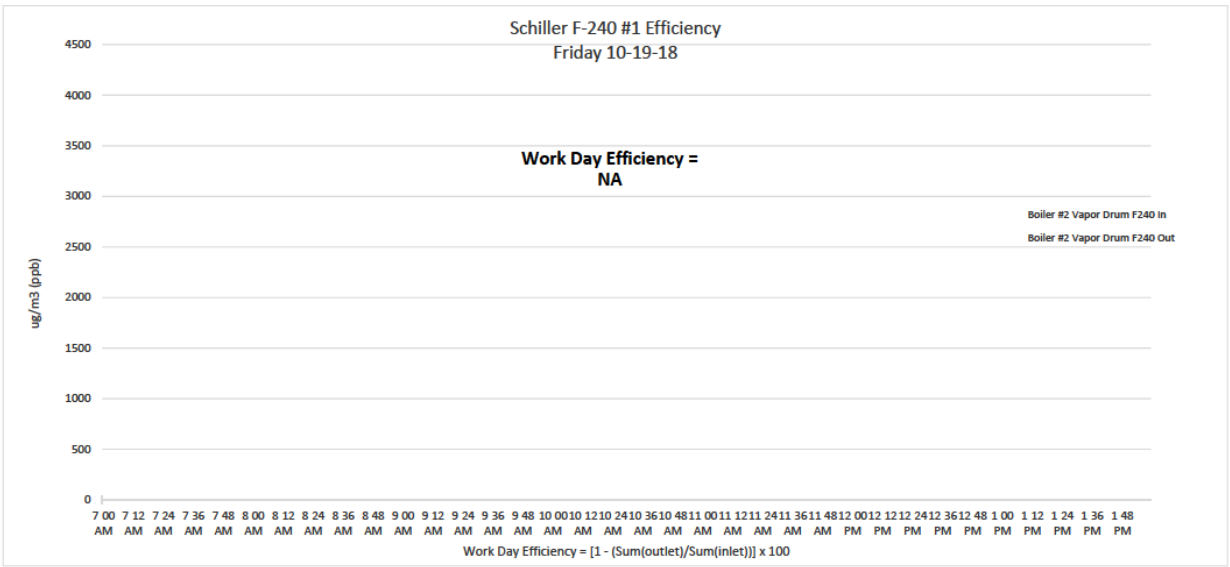

Schiller Hg Emissions
10-13-18 to 10-19-18
6404
6399
6445
6367
6317
6336
6450
Weekly total Hg Emission =
233.30 g or 0.52 % of allowable
2018 Total Hg Emission =
17,760 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller F-240 #1 Efficiency
Monday 10-15-18
Work Day Efficiency =
26%
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

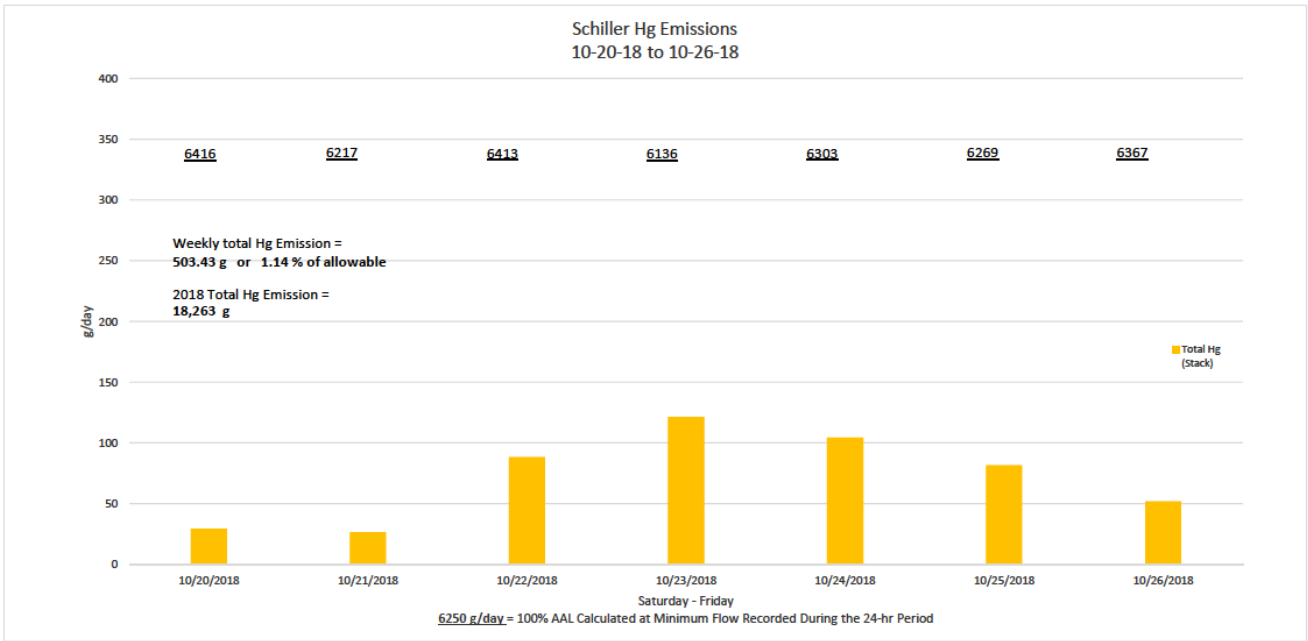

Schiller F-240 #1 Efficiency
Tuesday 10-16-18
Work Day Efficiency =
39 %
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

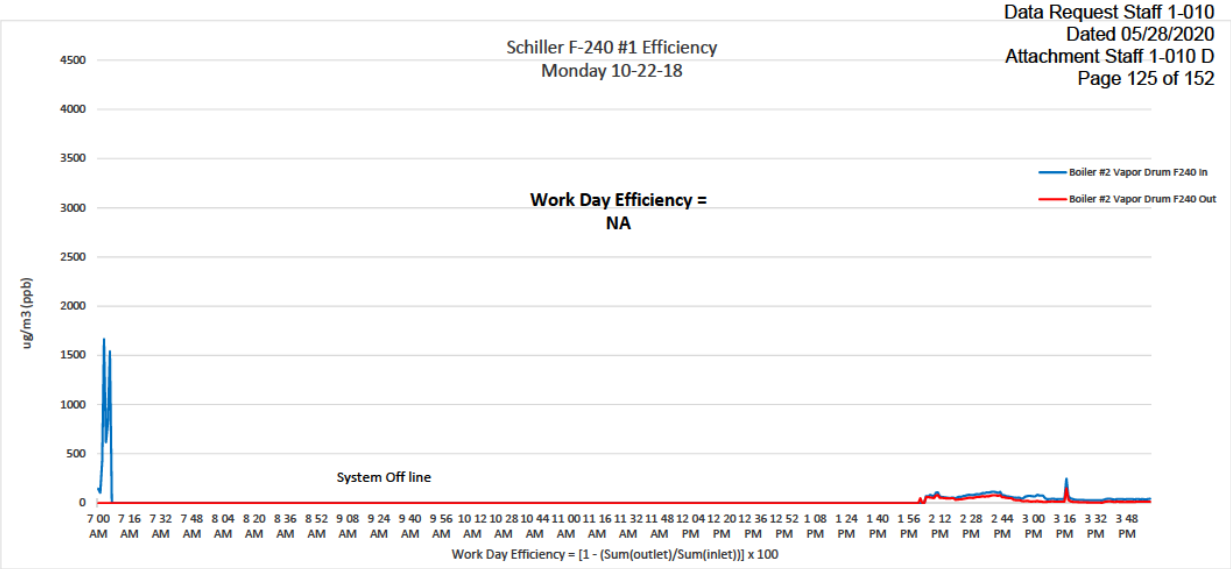

Schiller F-240 #1 Efficiency
Wednesday 10-17-18
Work Day Efficiency =
40 %
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

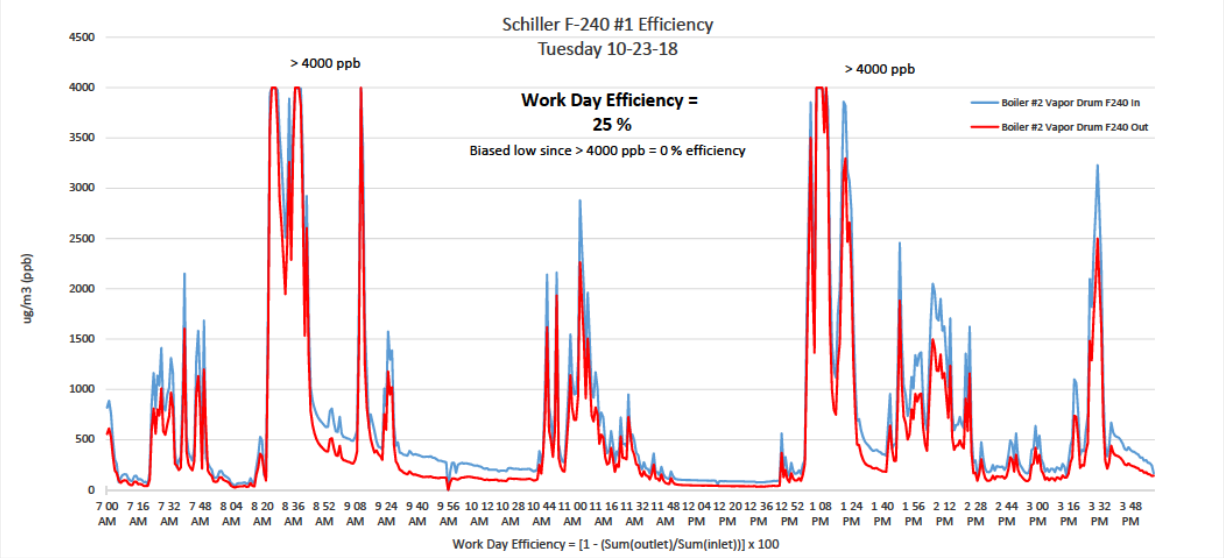

Schiller F-240 #1 Efficiency
Thursday 10-18-18
Work Day Efficiency =
48 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

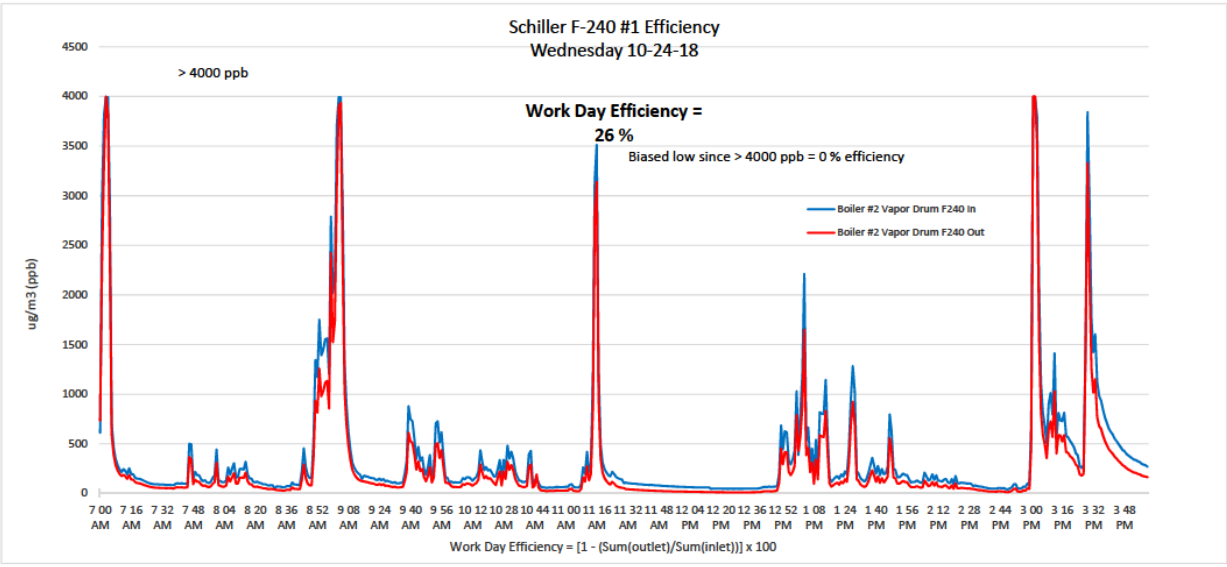

Schiller F-240 #1 Efficiency
Friday 10-19-18
Work Day Efficiency =
NA
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

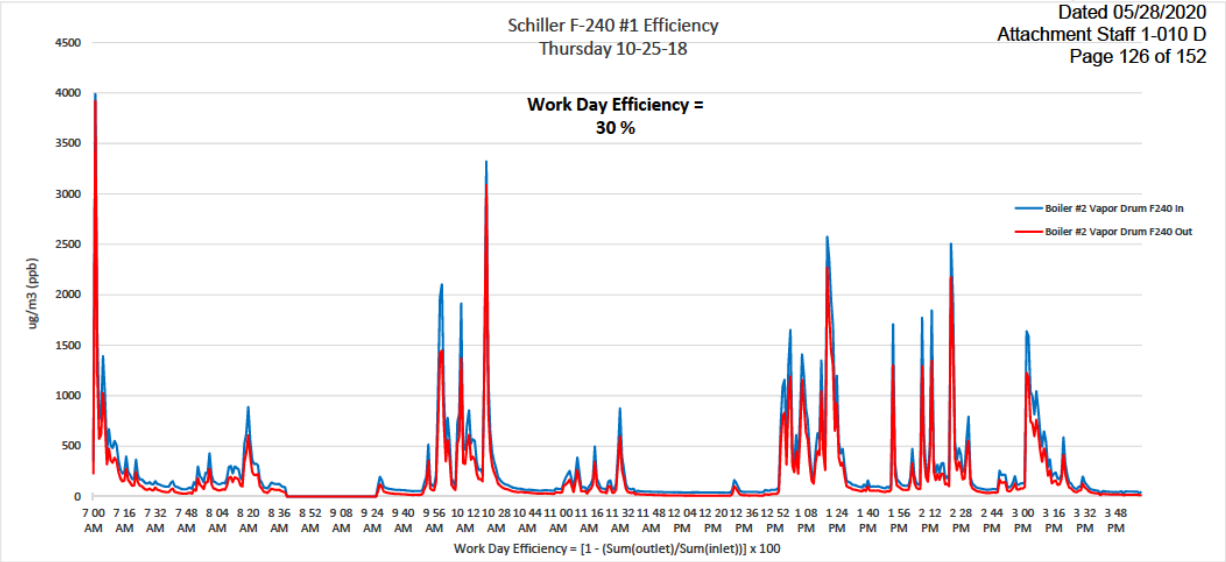

Schiller Hg Emissions
10-20-18 to 10-26-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

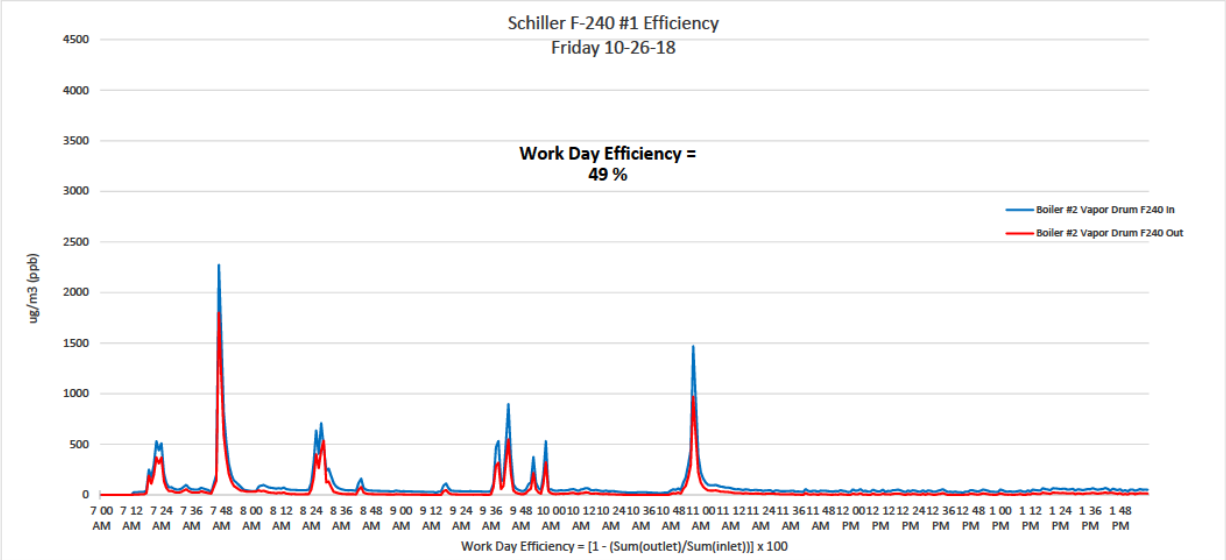

Schiller Hg Emissions
10-20-18 to 10-26-18
6416
6217
6413
6136
6303
6269
6367
Weekly total Hg Emission =
503.43 g or 1.14 % of allowable
2018 Total Hg Emission =
18,263 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

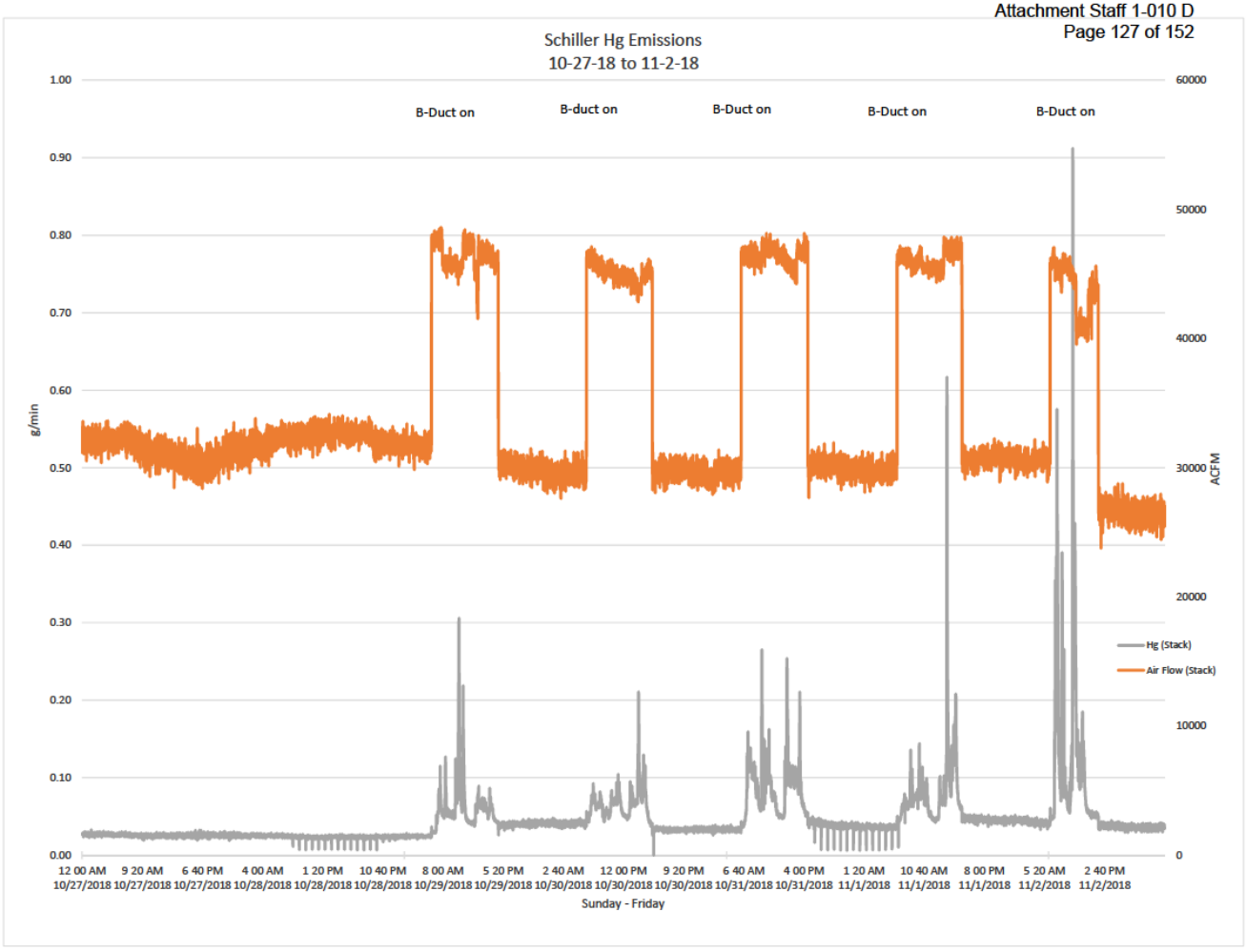

Schiller F-240 #1 Efficiency
Monday 10-22-18
Work Day Efficiency =
NA
System Off line
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

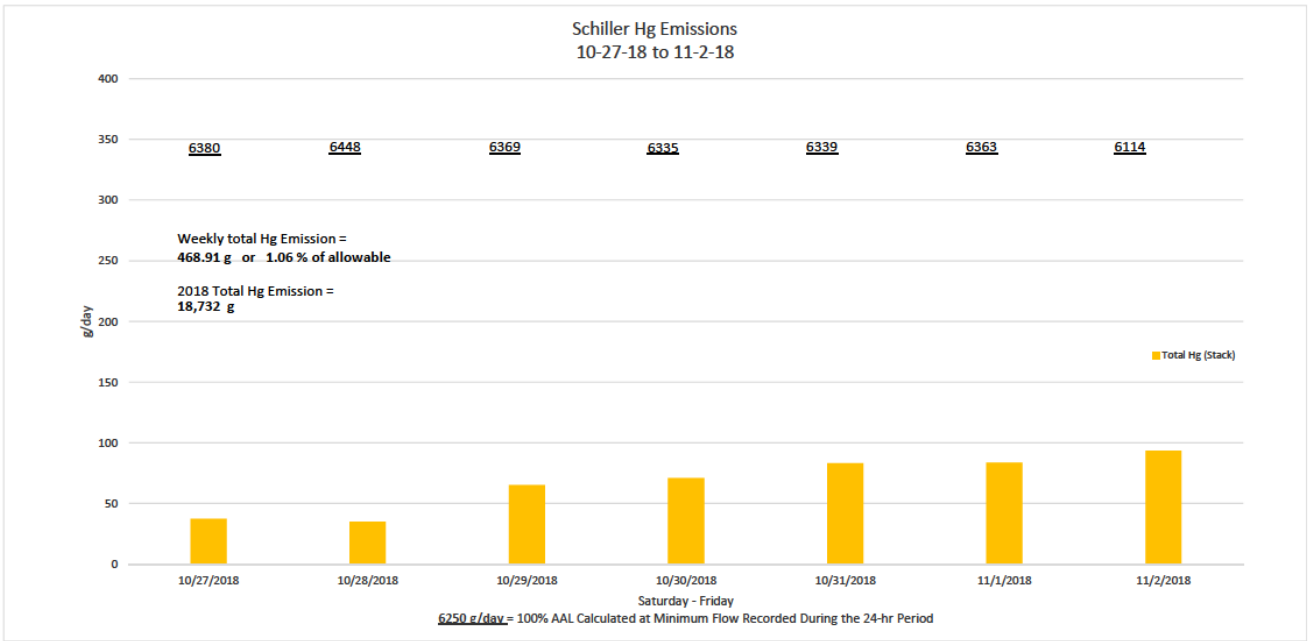

Schiller F-240 #1 Efficiency
Tuesday 10-23-18
> 4000 ppb
> 4000 ppb
Work Day Efficiency =
25 %
Biased low since > 4000 ppb = 0 % efficiency
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

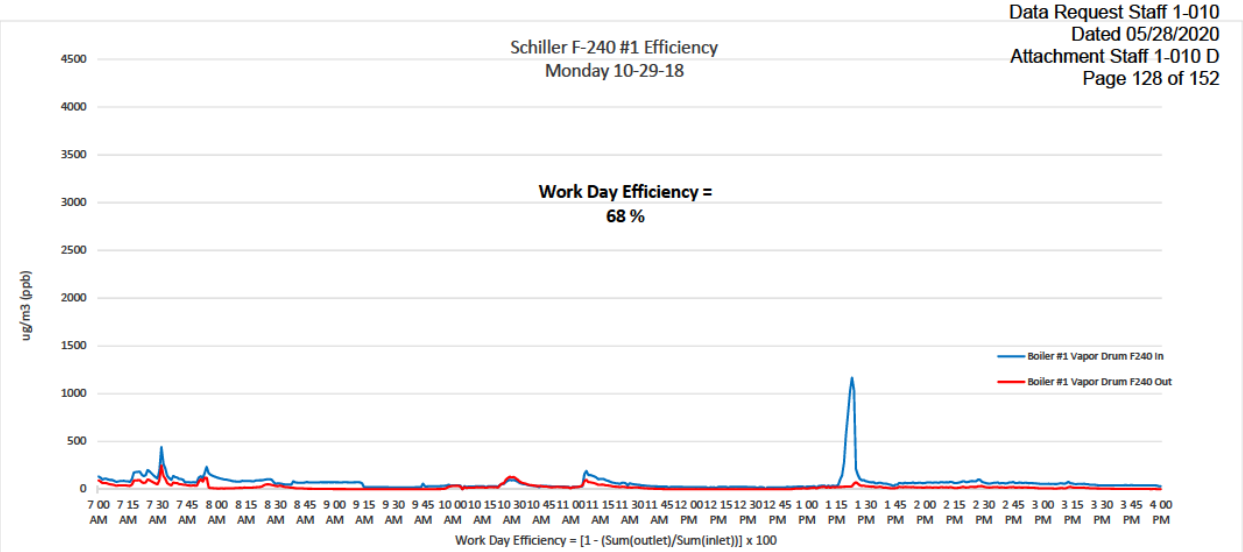

Schiller F-240 #1 Efficiency
Wednesday 10-24-18
> 4000 ppb
Work Day Efficiency =
26 %
Biased low since > 4000 ppb = 0 % efficiency
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

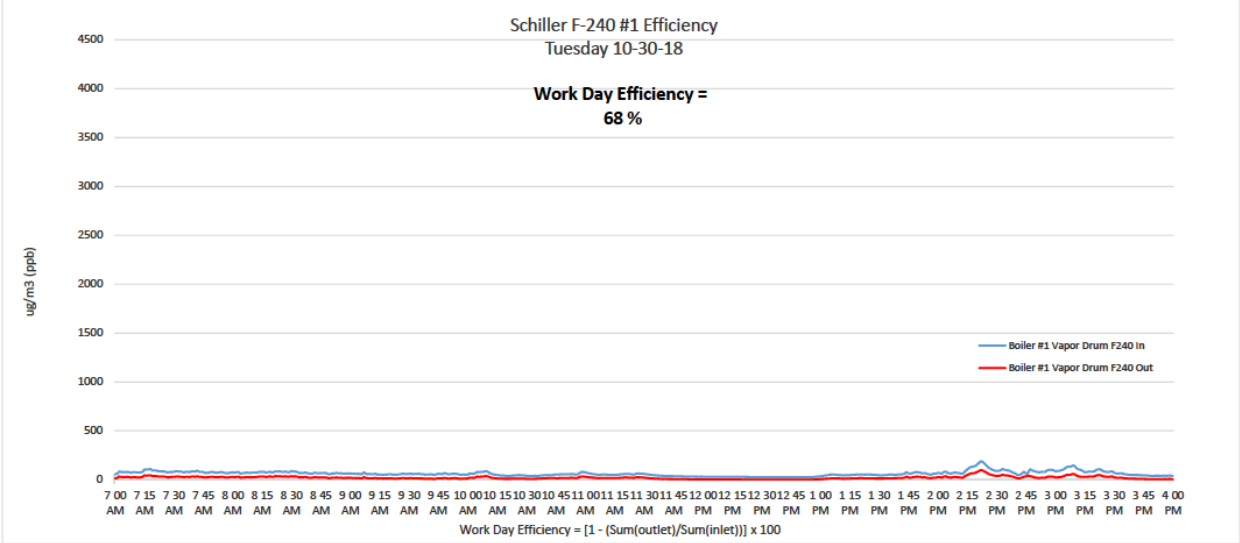

Schiller F-240 #1 Efficiency
Thursday 10-25-18
Work Day Efficiency =
30 %
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

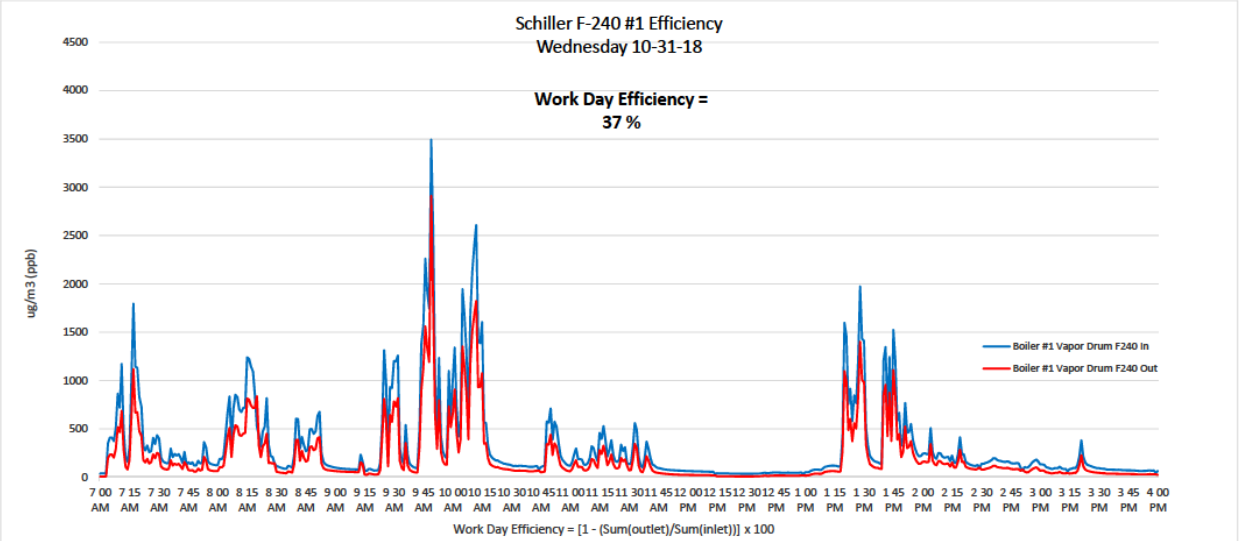

Schiller F-240 #1 Efficiency
Friday 10-26-18
Work Day Efficiency =
49 %
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
ug/m3 (ppb)
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

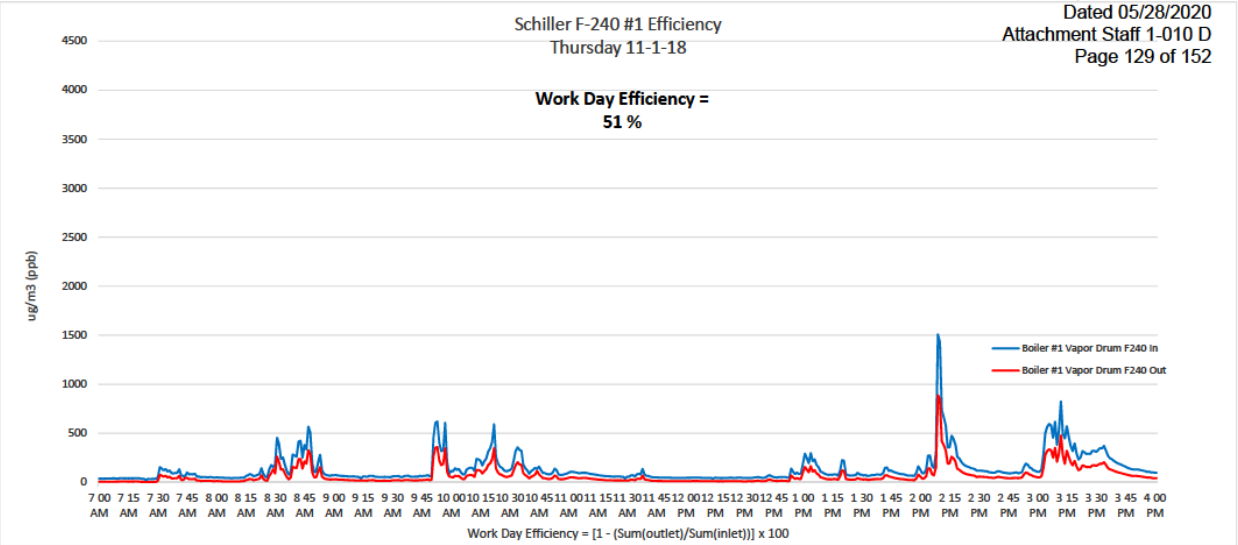

Schiller Hg Emissions
10-27-18 to 11-2-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

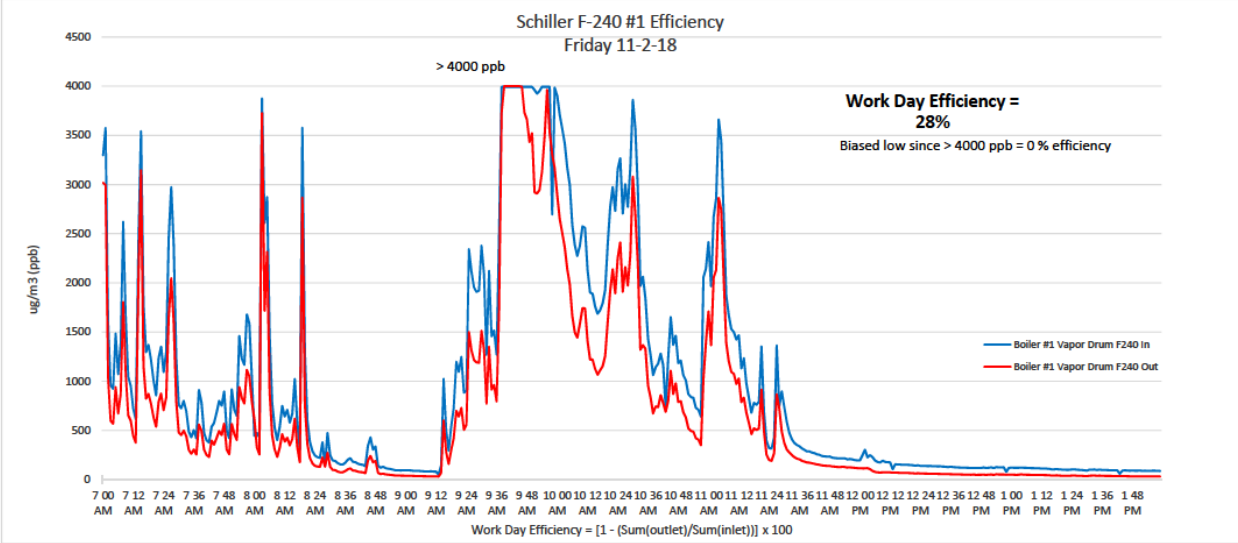

Schiller Hg Emissions
10-27-18 to 11-2-18
6380
6448
6369
6335
6339
6363
6114
Weekly total Hg Emission =
468.91 g or 1.06 % of allowable
2018 Total Hg Emission =
18,732 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

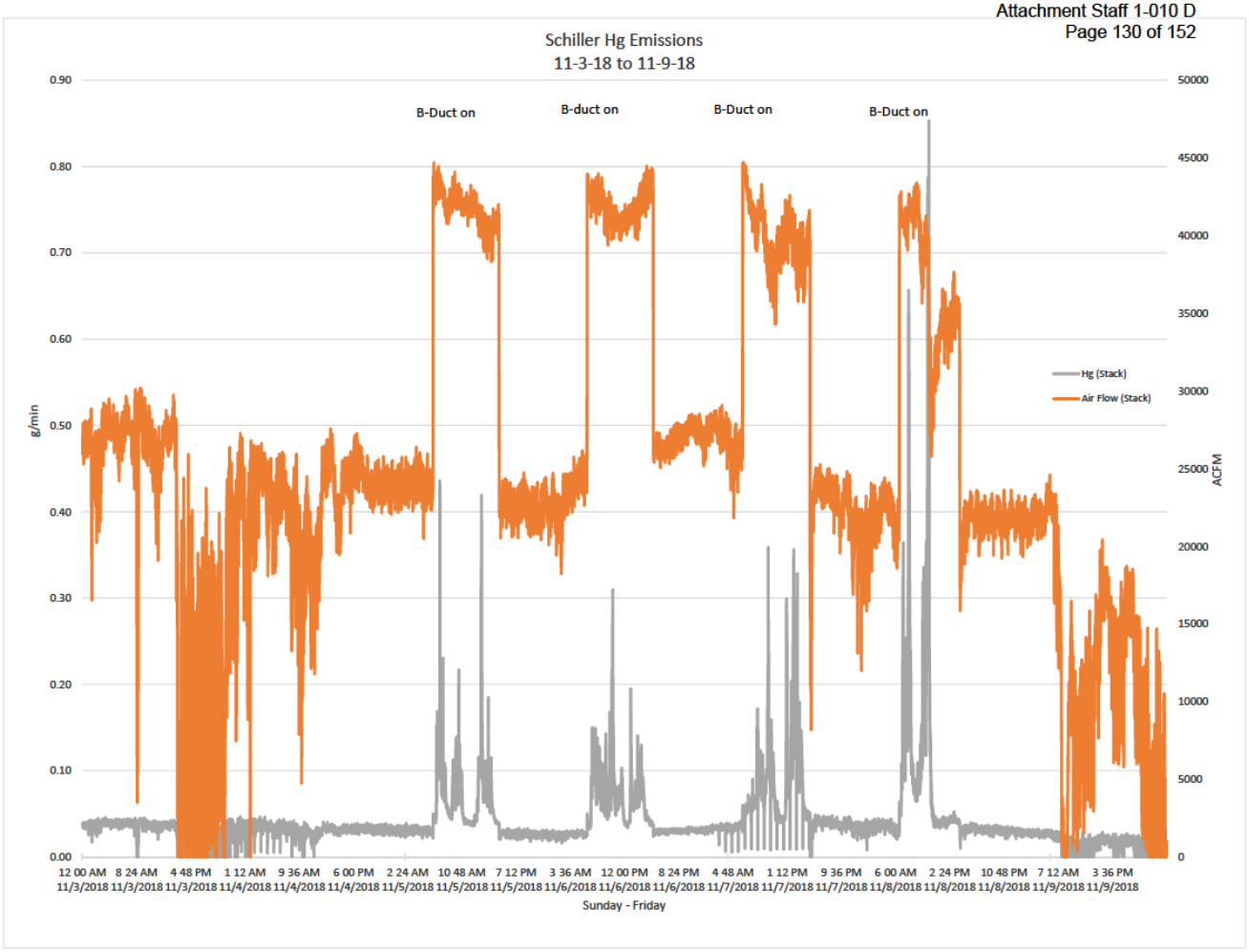

Schiller F-240 #1 Efficiency
Monday 10-29-18
Work Day Efficiency =
68 %
ug/m3 (ppb)
Boiler #1 Vapor Drum F240 In
Boiler #1 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

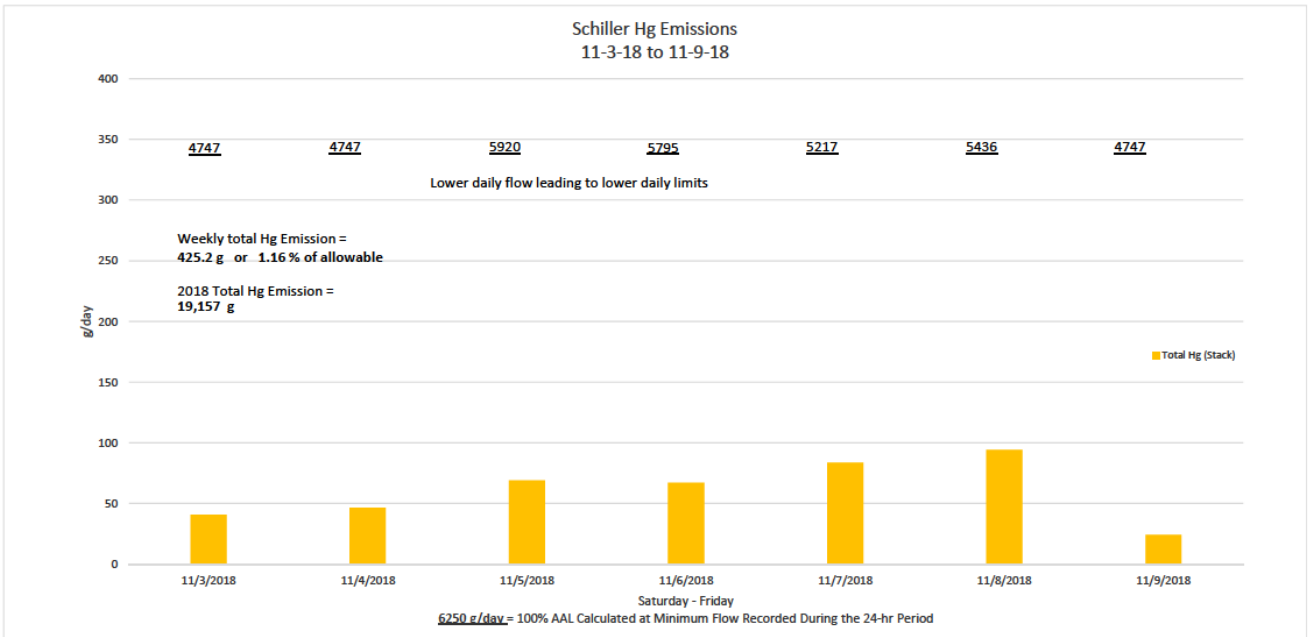

Schiller F-240 #1 Efficiency
Tuesday 10-30-18
Work Day Efficiency =
68 %
ug/m3 (ppb)
Boiler #1 Vapor Drum F240 In
Boiler #1 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

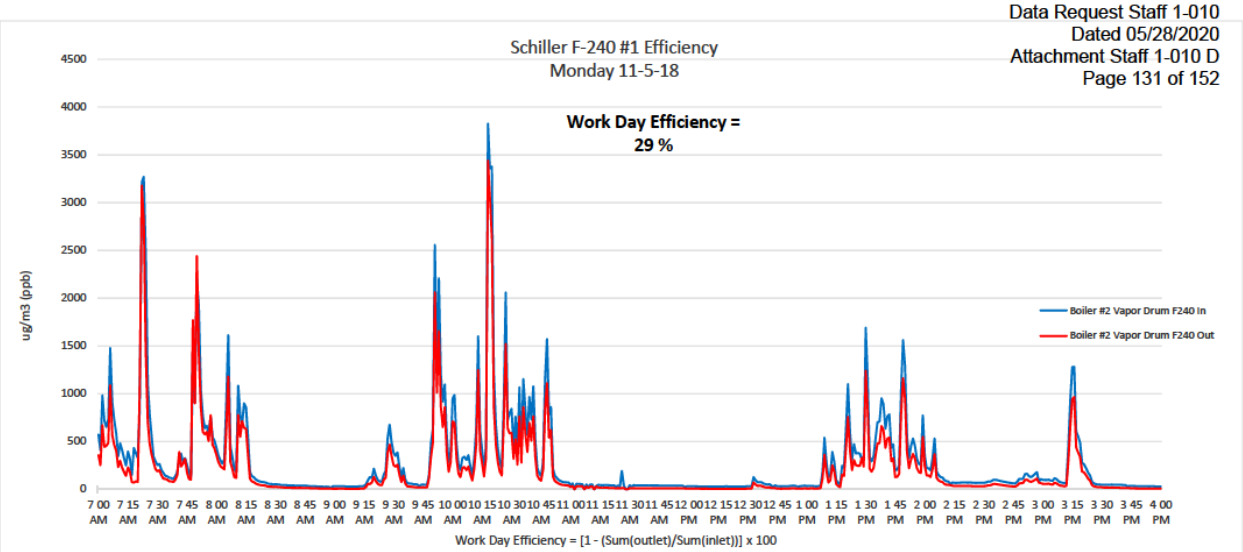

Schiller F-240 #1 Efficiency
Wednesday 10-31-18
Work Day Efficiency =
37 %
ug/m3 (ppb)
Boiler #1 Vapor Drum F240 In
Boiler #1 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

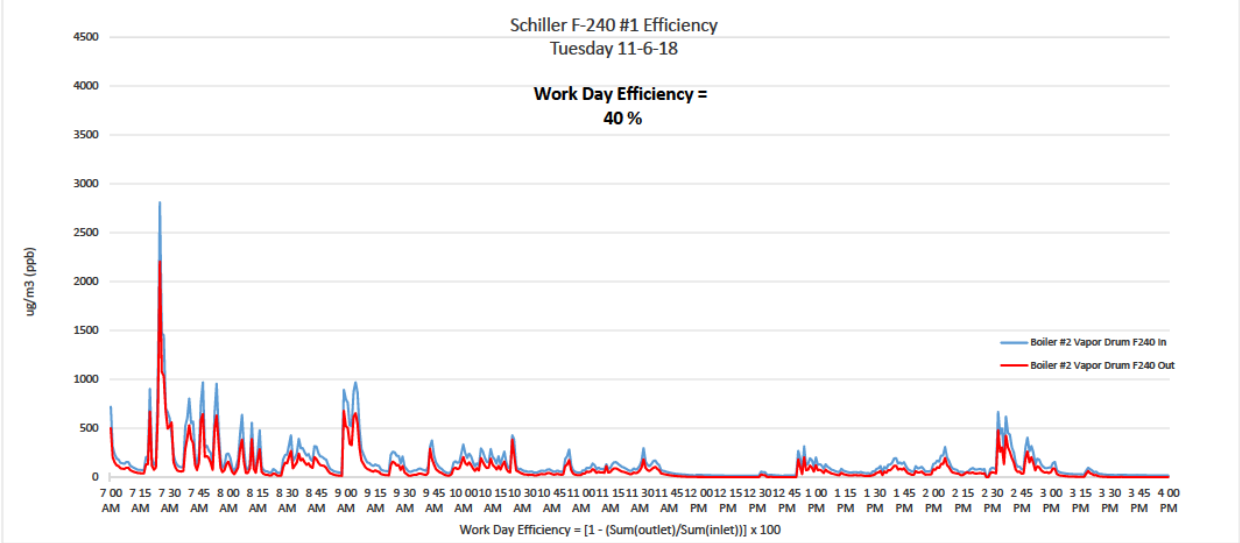

Schiller F-240 #1 Efficiency
Thursday 11-1-18
Work Day Efficiency =
51 %
ug/m3 (ppb)
Boiler #1 Vapor Drum F240 In
Boiler #1 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

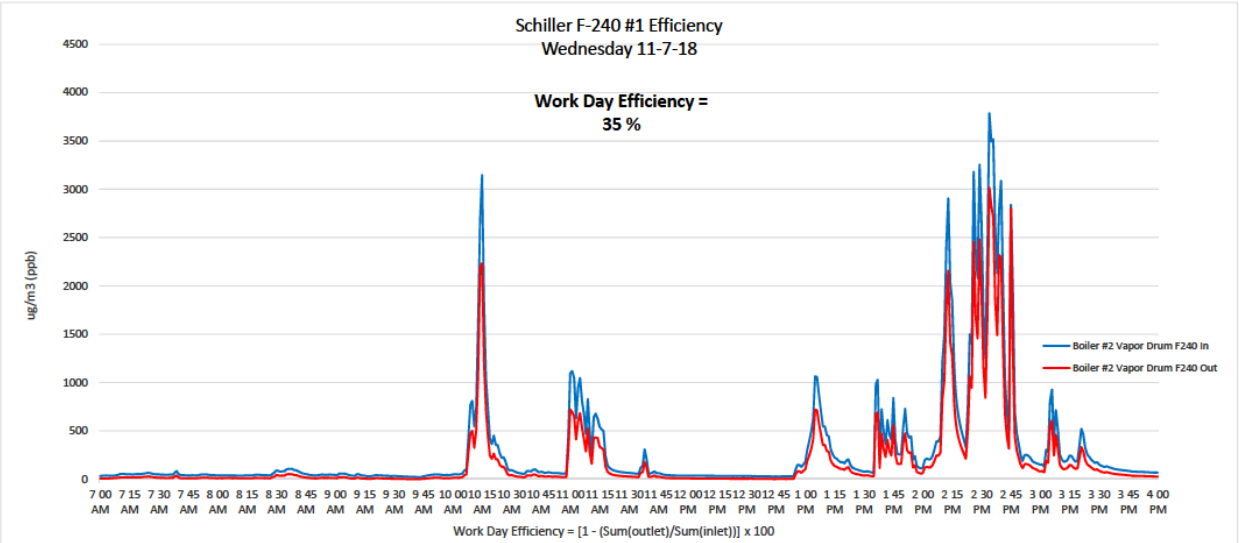

Schiller F-240 #1 Efficiency
Friday 11-2-18
> 4000 ppb
Work Day Efficiency =
28%
Biased low since > 4000 ppb = 0 % efficiency
ug/m3 (ppb)
Boiler #1 Vapor Drum F240 In
Boiler #1 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

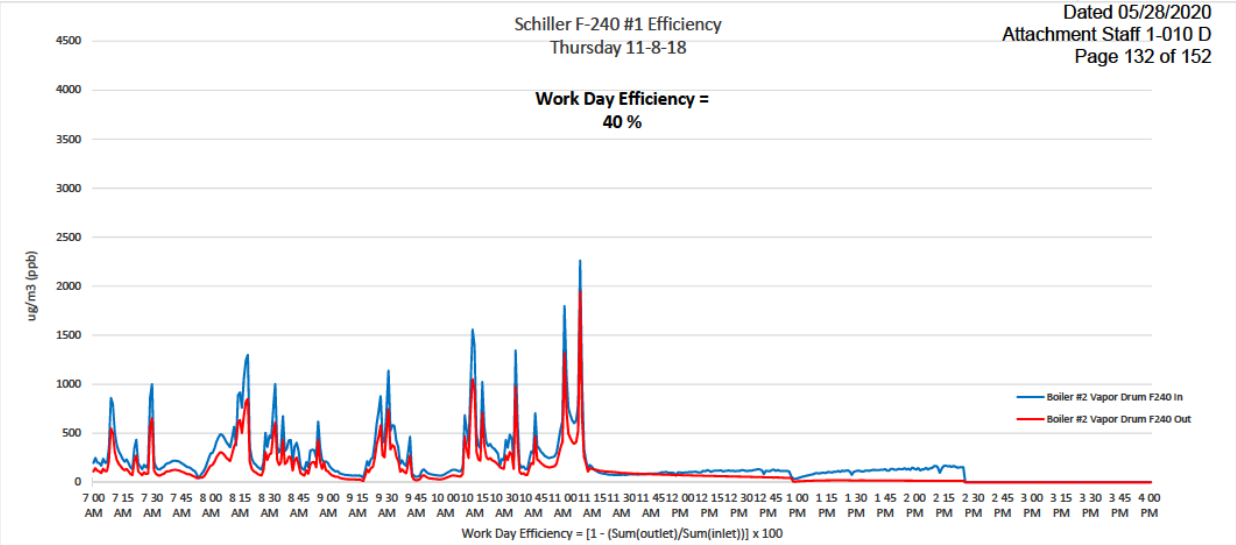

Schiller Hg Emissions
11-3-18 to 11-9-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

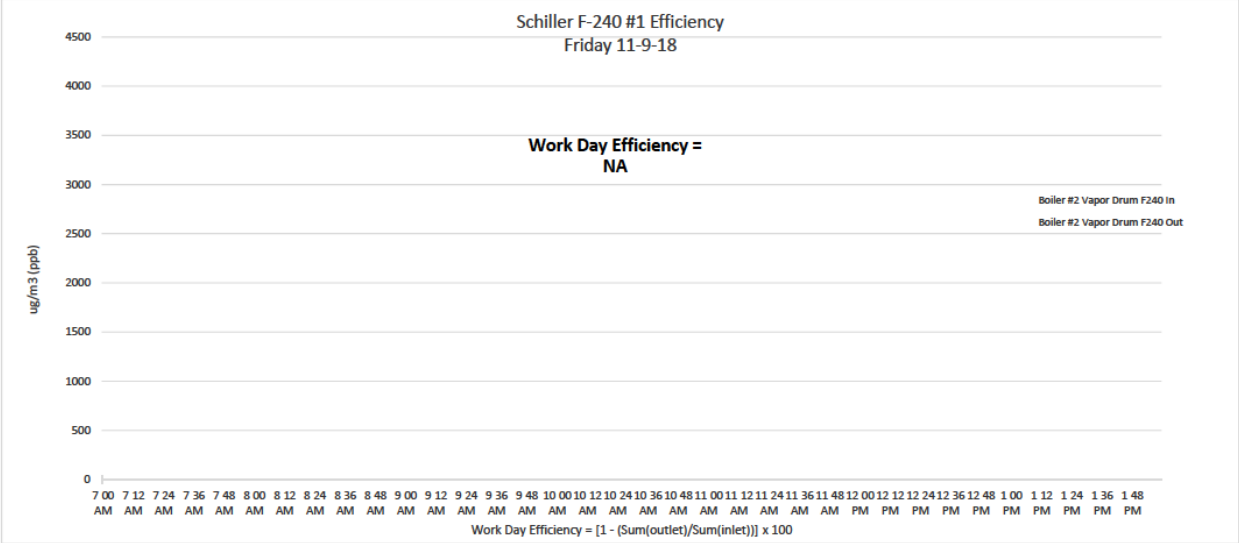

Schiller Hg Emissions
11-3-18 to 11-9-18
4747
4747
5920
5795
5217
5436
4747
Lower daily flow leading to lower daily limits
Weekly total Hg Emission =
425.2 g or 1.16 % of allowable
2018 Total Hg Emission =
19,157 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

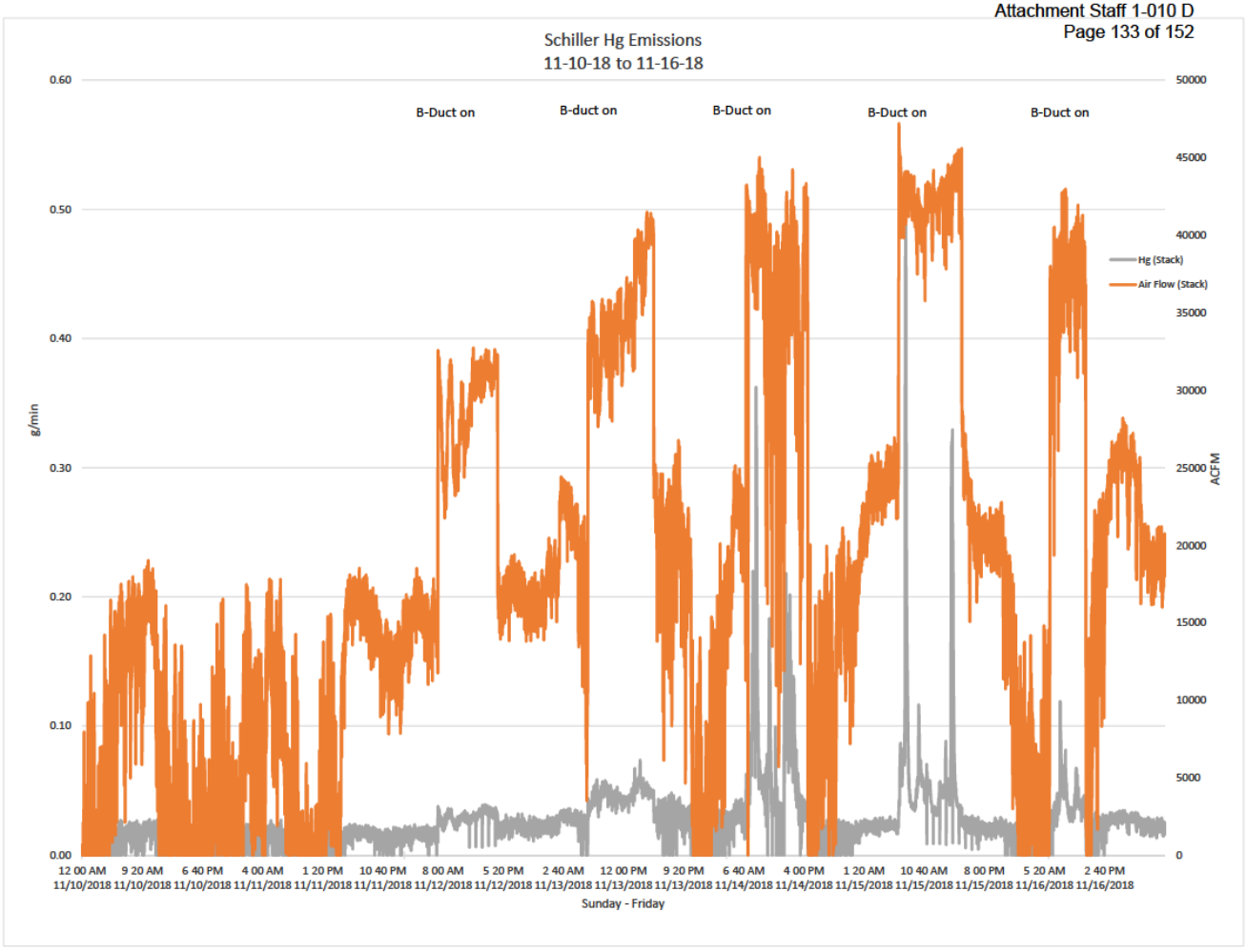

Schiller F-240 #1 Efficiency
Monday 11-5-18
Work Day Efficiency =
29 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

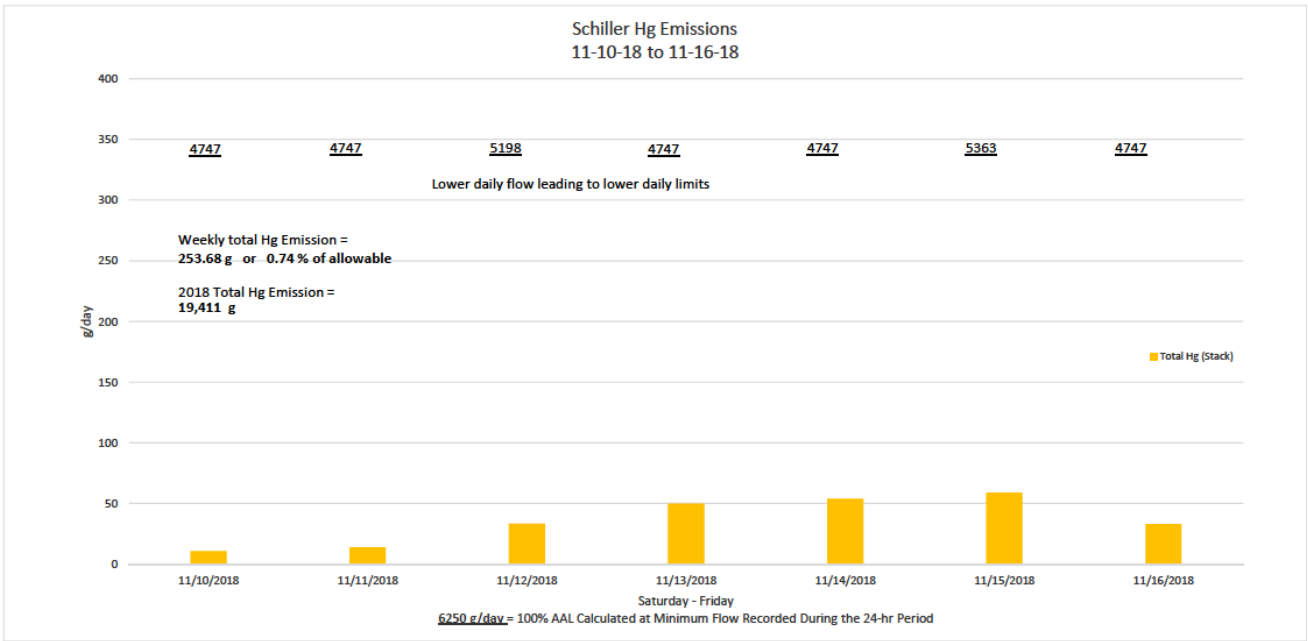

Schiller F-240 #1 Efficiency
Tuesday 11-6-18
Work Day Efficiency =
40 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

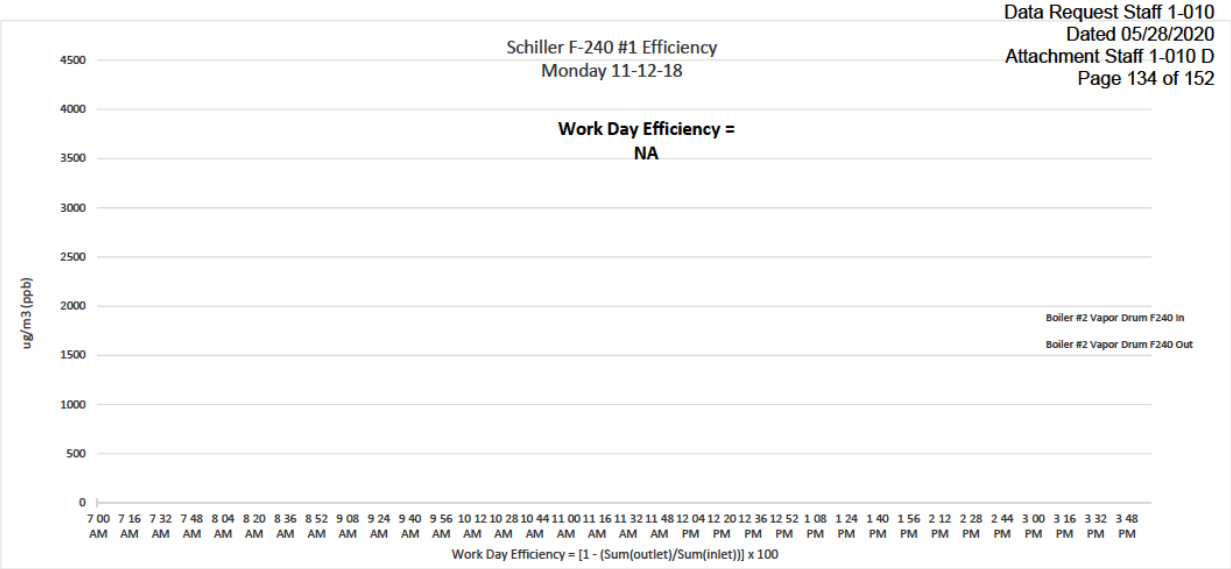

Schiller F-240 #1 Efficiency
Wednesday 11-7-18
Work Day Efficiency =
35 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

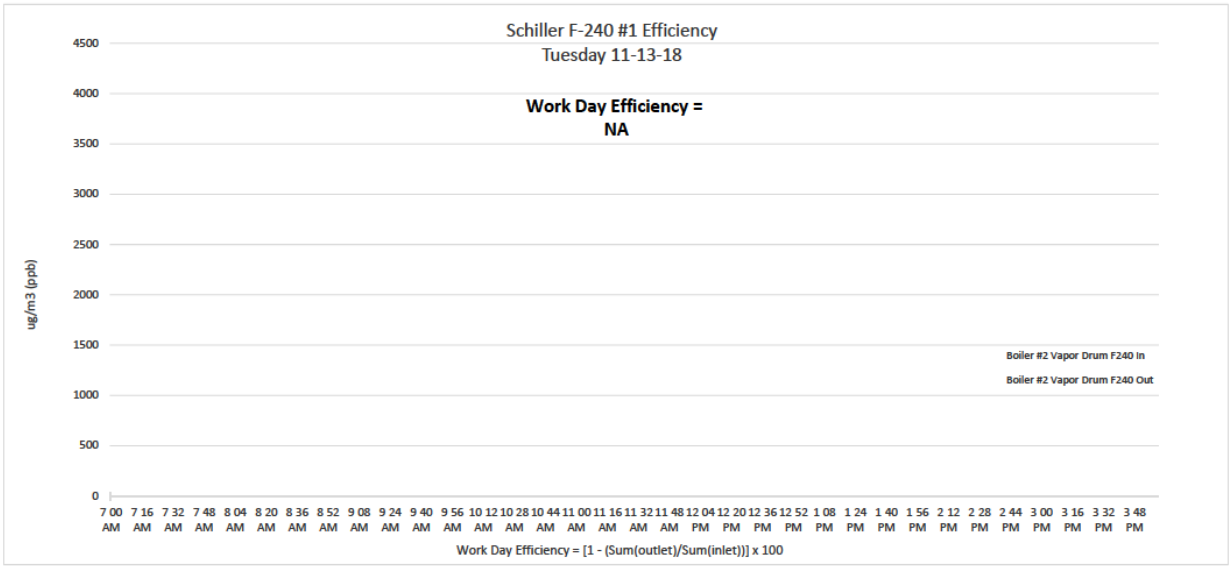

Schiller F-240 #1 Efficiency
Thursday 11-8-18
Work Day Efficiency =
40 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

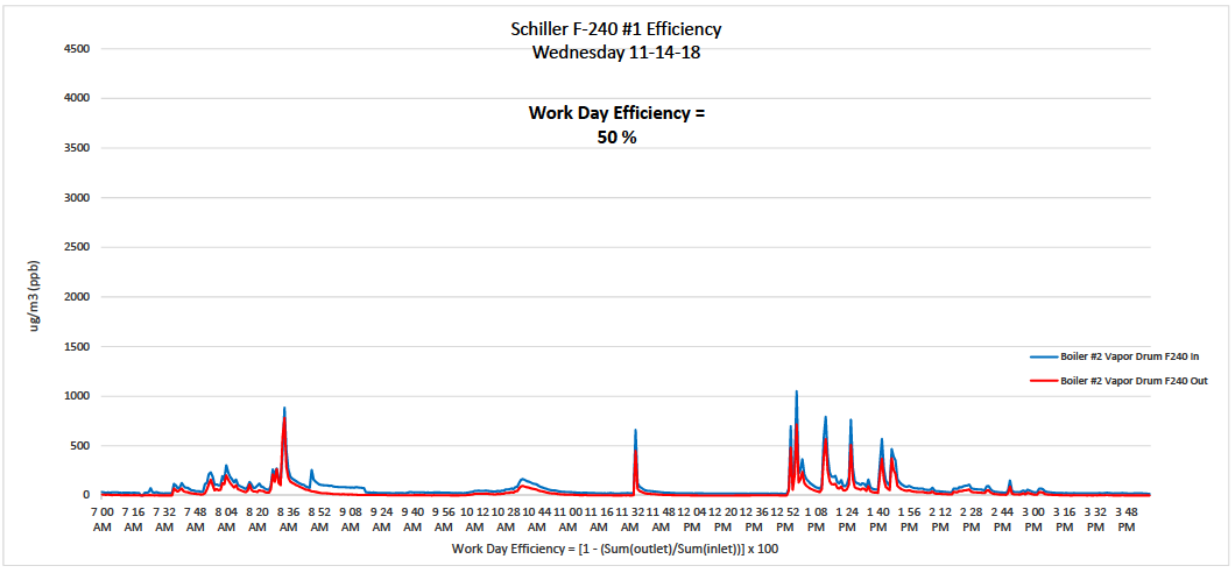

Schiller F-240 #1 Efficiency
Friday 11-9-18
Work Day Efficiency =
NA
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

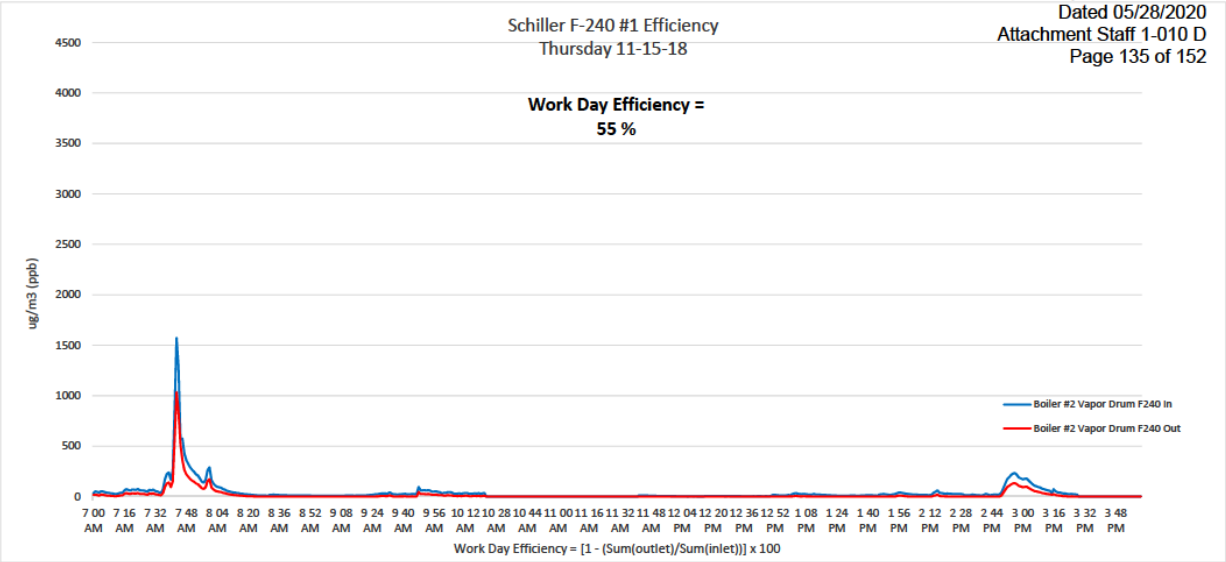

Schiller Hg Emissions
11-10-18 to 11-16-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
0.60
0.50
0.40
0.30
0.20
0.10
0.00
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
12 00 AM 11/10/2018
9 20 AM 11/10/2018
6 40 PM 11/10/2018
4 00 AM 11/11/2018
1 20 PM 11/11/2018
10 40 PM 11/11/2018
8 00 AM 11/12/2018
5 20 PM 11/12/2018
2 40 AM 11/13/2018
12 00 PM 11/13/2018
9 20 PM 11/13/2018
6 40 AM 11/14/2018
4 00 PM 11/14/2018
1 20 AM 11/15/2018
10 40 AM 11/15/2018
8 00 PM 11/15/2018
5 20 AM 11/16/2018
2 40 PM 11/16/2018
Sunday - Friday

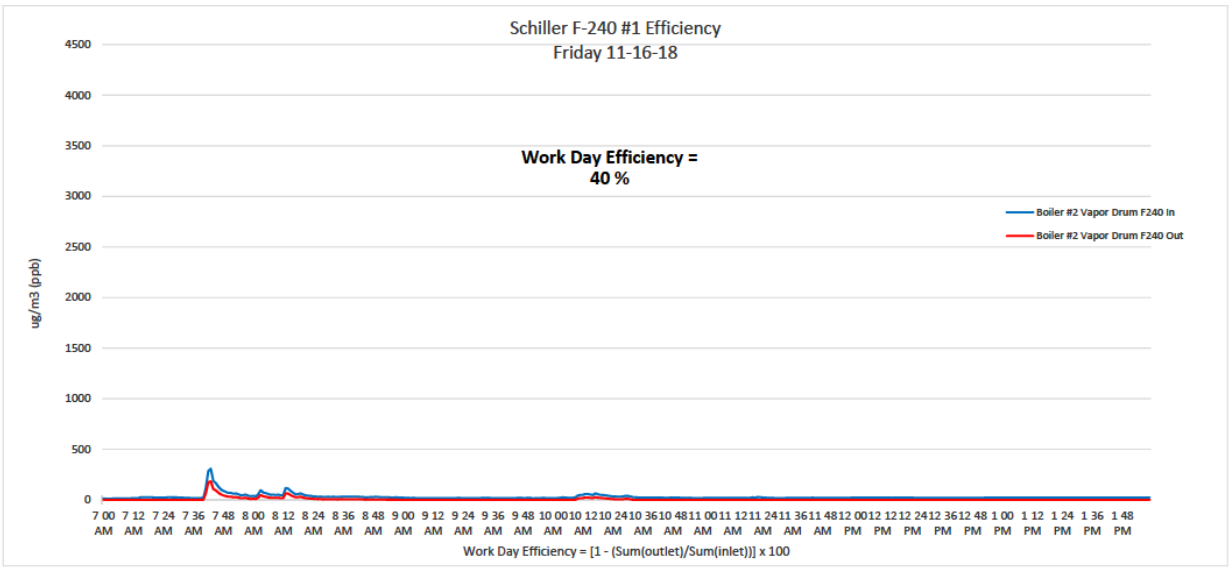

Schiller Hg Emissions
11-10-18 to 11-16-18
4747
4747
5198
4747
4747
5363
4747
Lower daily flow leading to lower daily limits
Weekly total Hg Emission =
253.68 g or 0.74 % of allowable
2018 Total Hg Emission =
19,411 g
g/day
Total Hg (Stack)
400
350
300
250
200
150
100
50
0
11/10/2018
11/11/2018
11/12/2018
11/13/2018
11/14/2018
11/15/2018
11/16/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

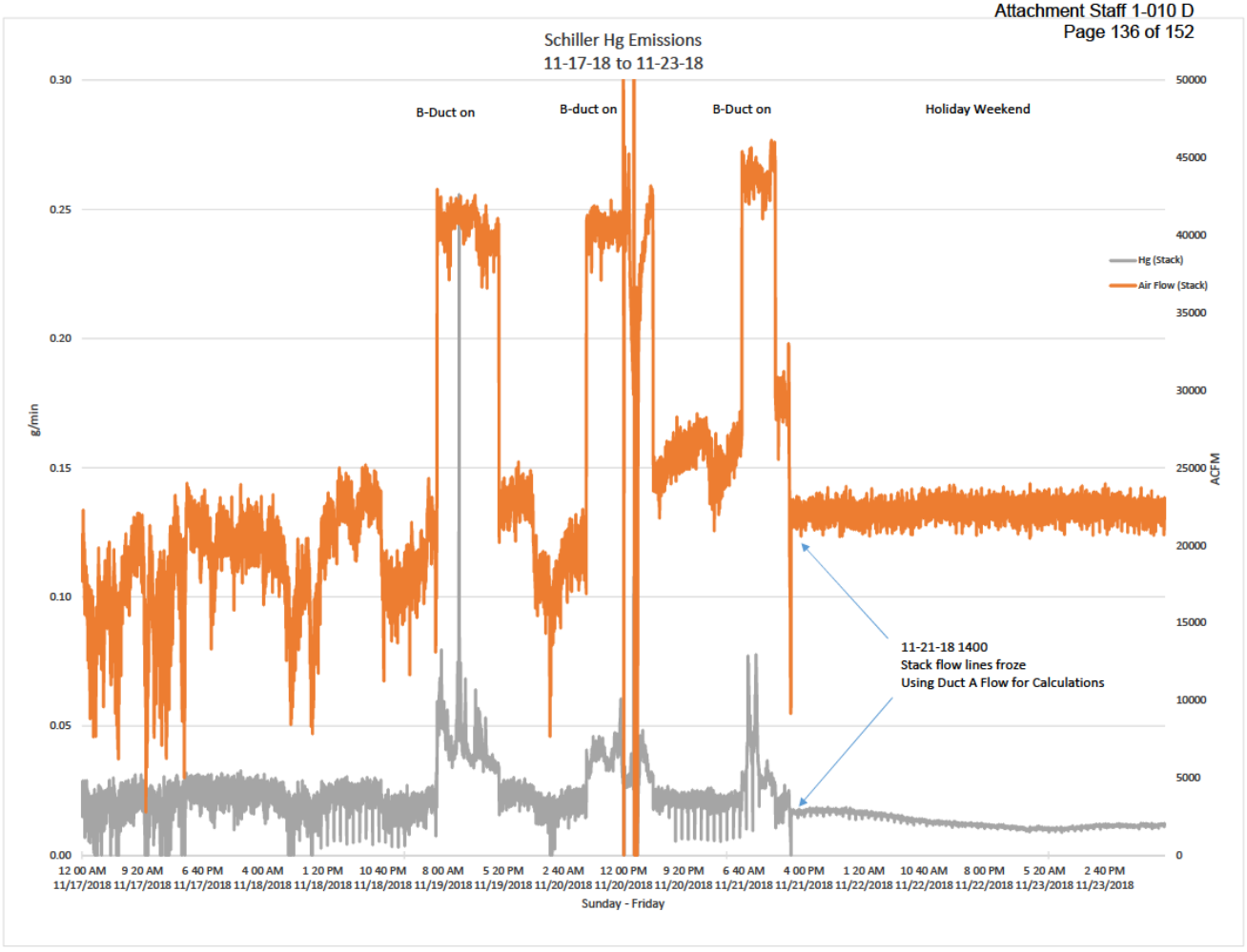

Schiller F-240 #1 Efficiency
Monday 11-12-18
Work Day Efficiency =
NA
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

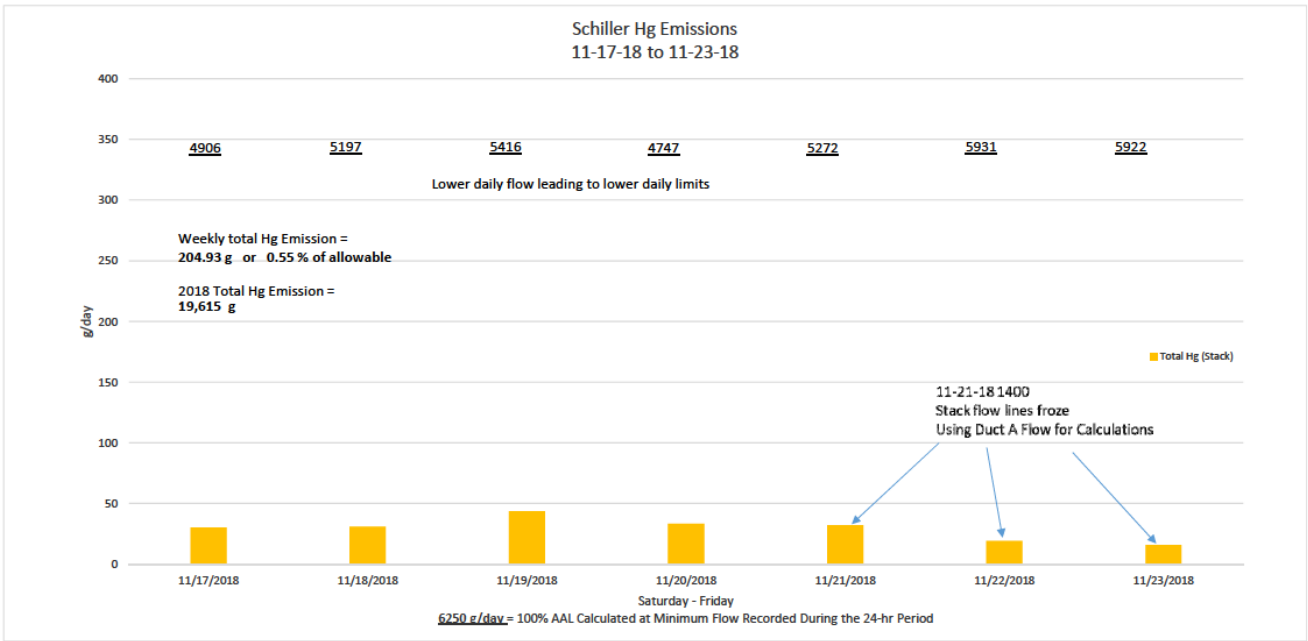

Schiller F-240 #1 Efficiency
Tuesday 11-13-18
Work Day Efficiency =
NA
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

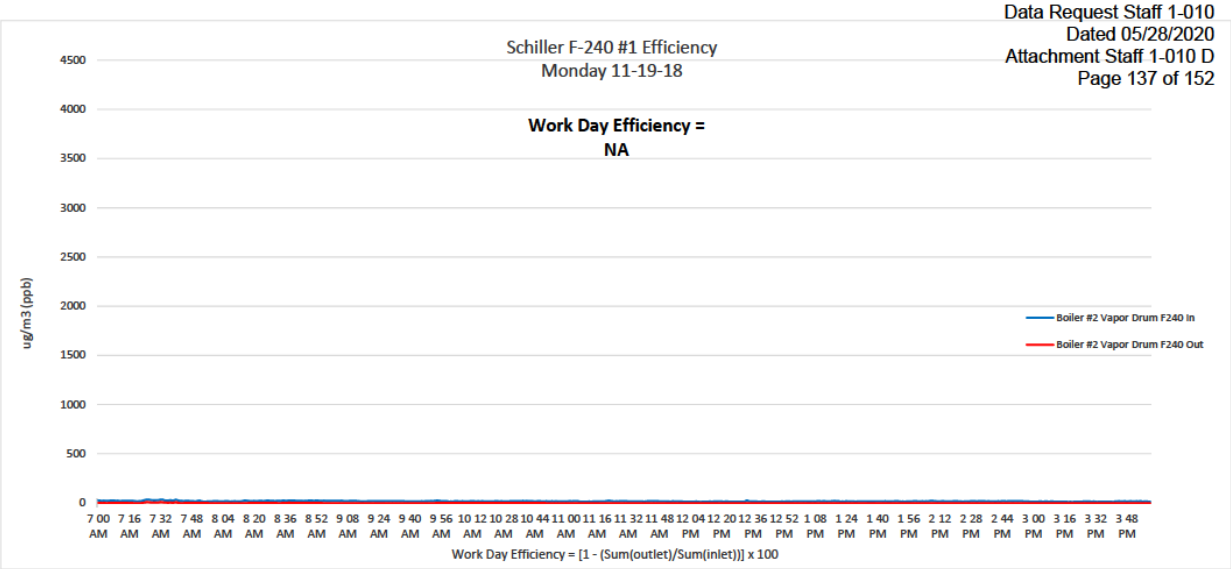

Schiller F-240 #1 Efficiency
Wednesday 11-14-18
Work Day Efficiency =
50 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

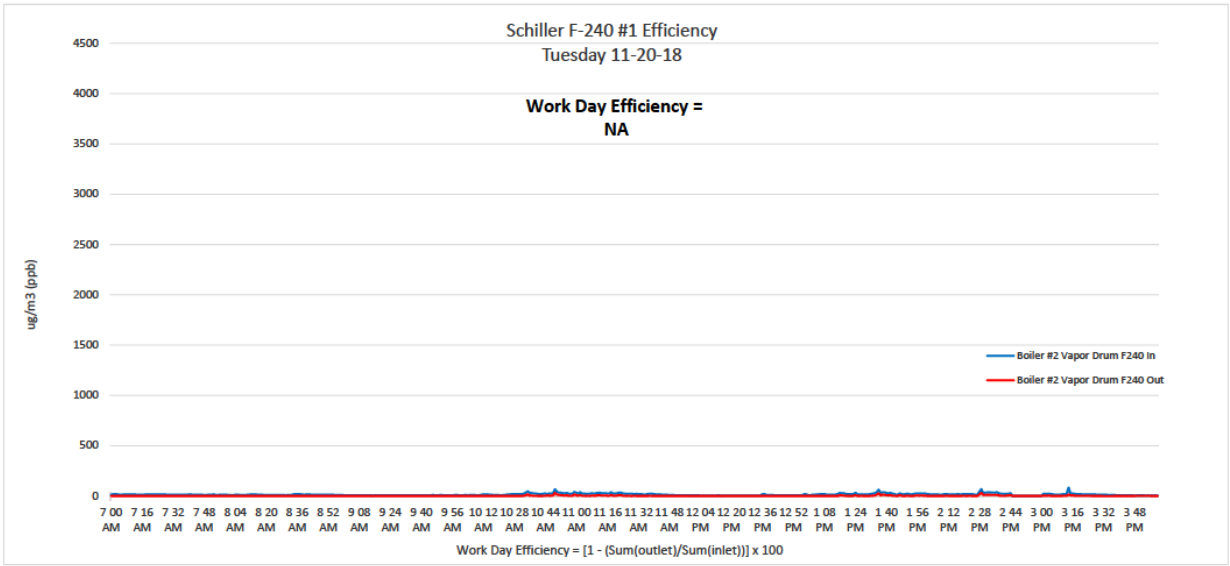

Schiller F-240 #1 Efficiency
Thursday 11-15-18
Work Day Efficiency =
55 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

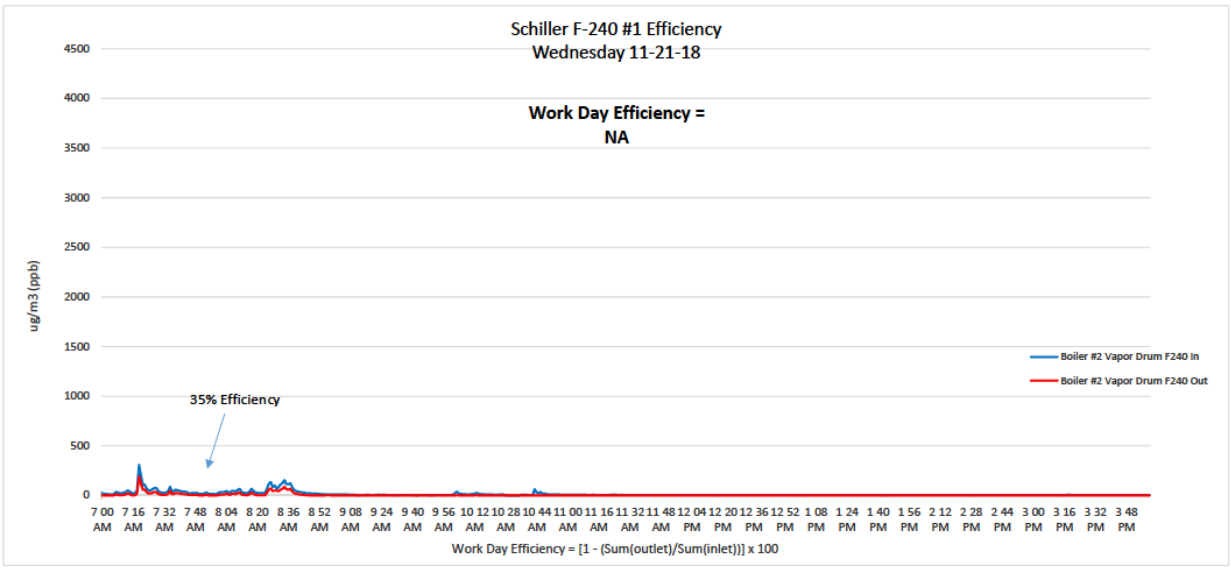

Schiller F-240 #1 Efficiency
Friday 11-16-18
Work Day Efficiency =
40 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

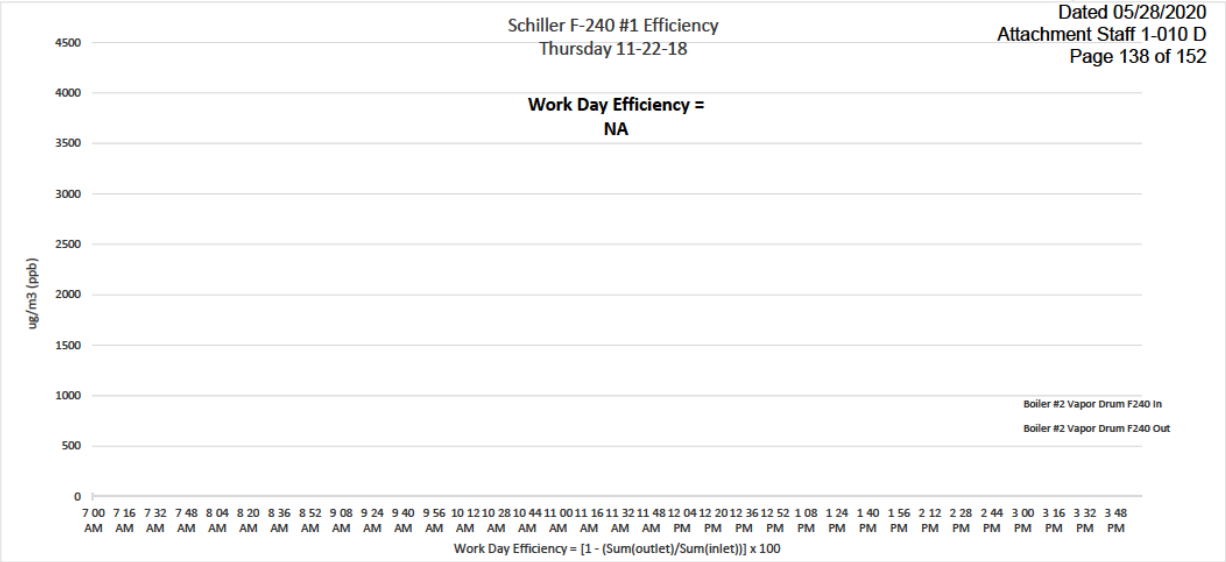

Schiller Hg Emissions
11-17-18 to 11-23-18
B-Duct on
B-duct on
B-Duct on
Holiday Weekend
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
11-21-18 1400
Stack flow lines froze
Using Duct A Flow for Calculations
Sunday - Friday

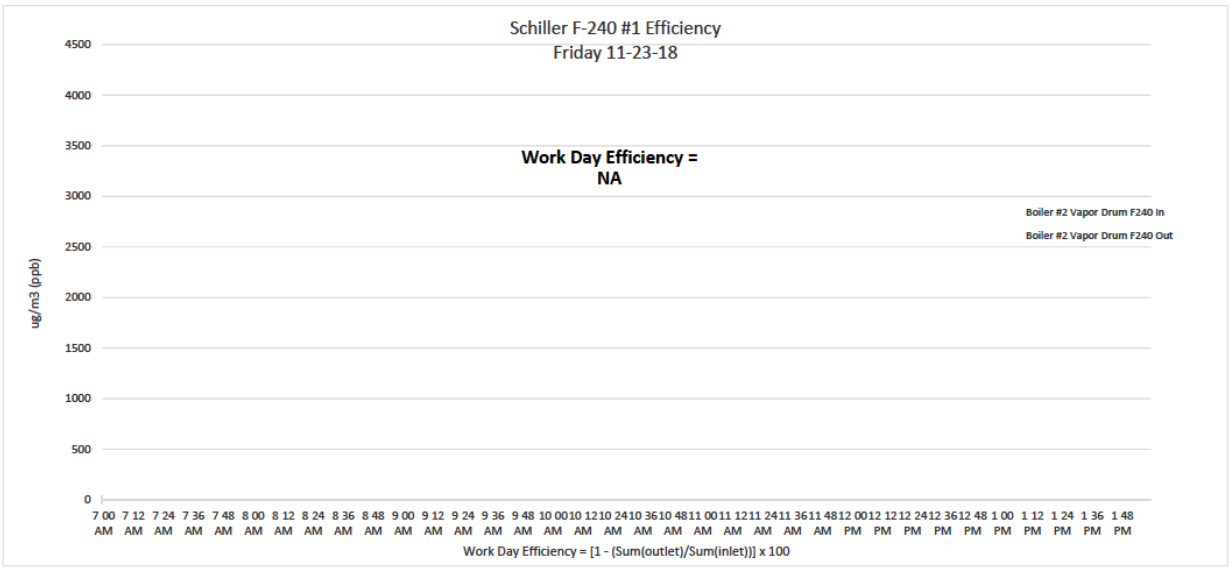

Schiller Hg Emissions
11-17-18 to 11-23-18
4906
5197
5416
4747
5272
5931
5922
Lower daily flow leading to lower daily limits
Weekly total Hg Emission =
204.93 g or 0.55 % of allowable
2018 Total Hg Emission =
19,615 g
g/day
Total Hg (Stack)
11-21-18 1400
Stack flow lines froze
Using Duct A Flow for Calculations
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

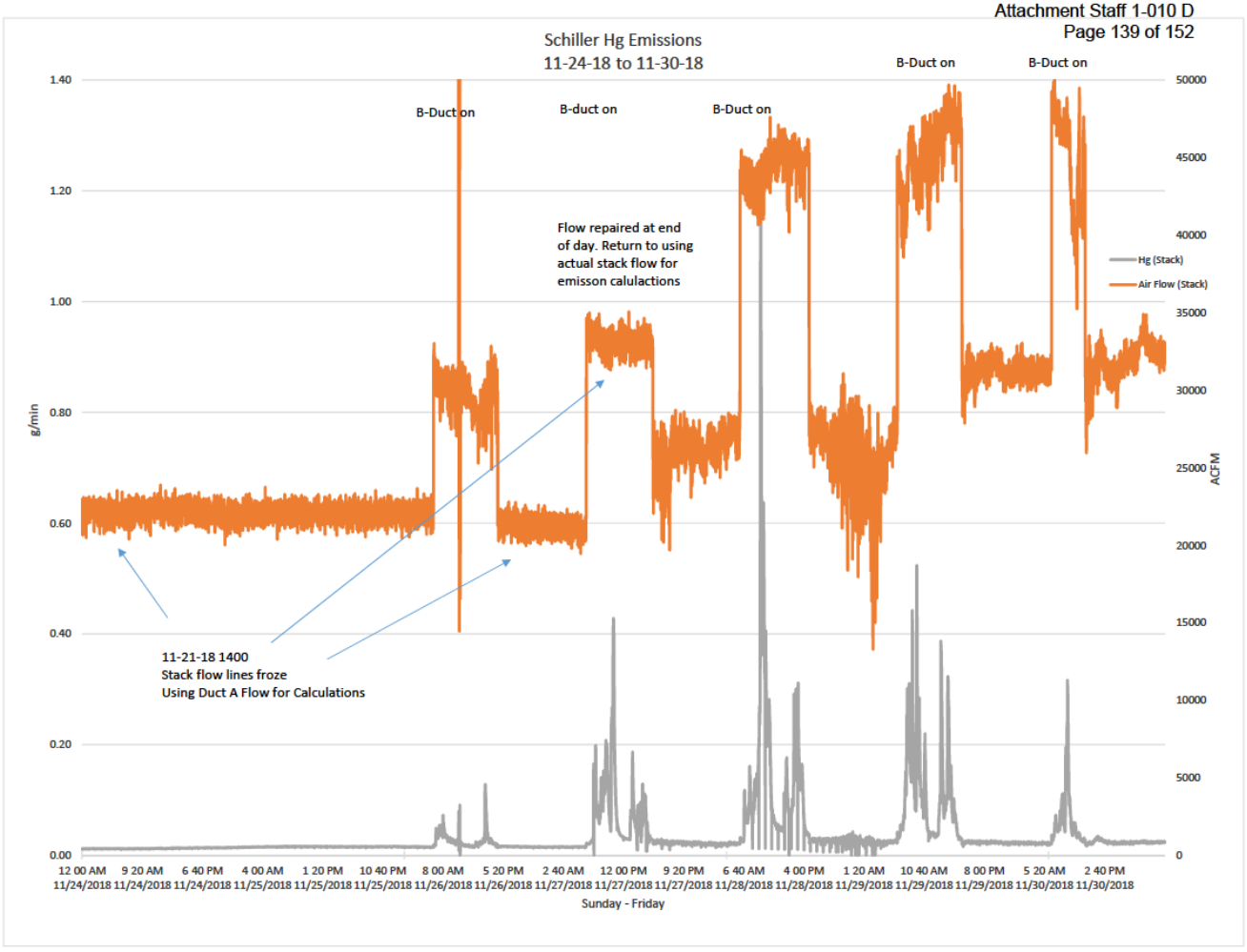

Schiller F-240 #1 Efficiency
Monday 11-19-18
Work Day Efficiency =
NA
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

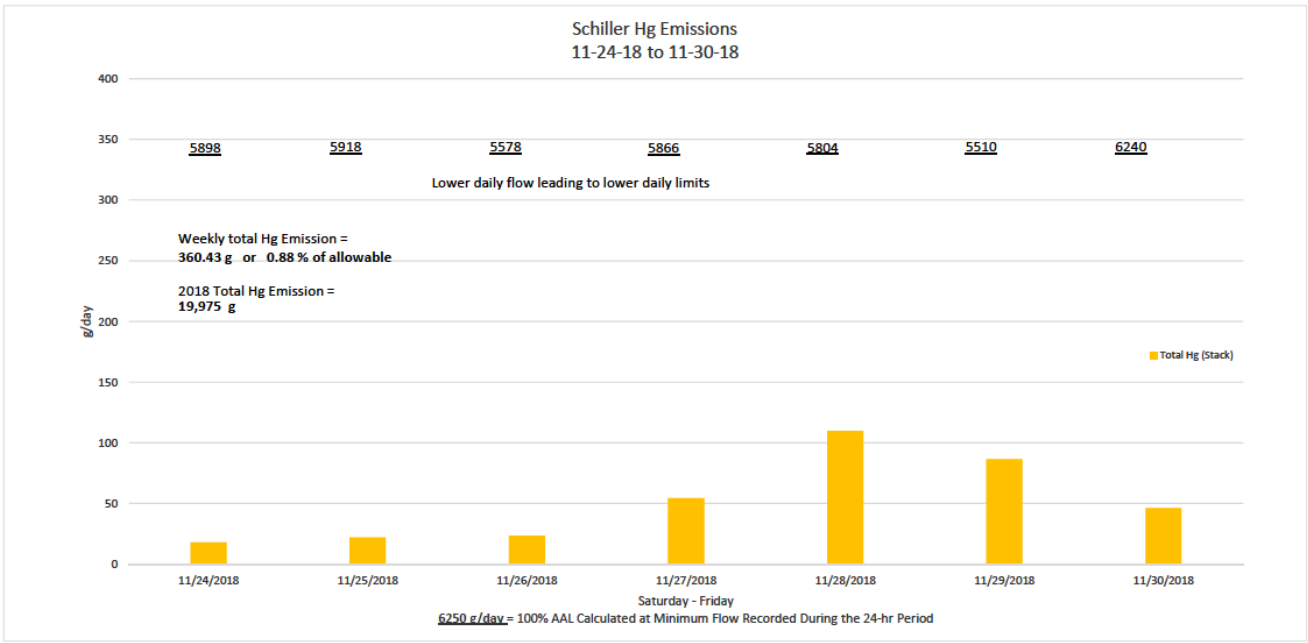

Schiller F-240 #1 Efficiency
Tuesday 11-20-18
Work Day Efficiency =
NA
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

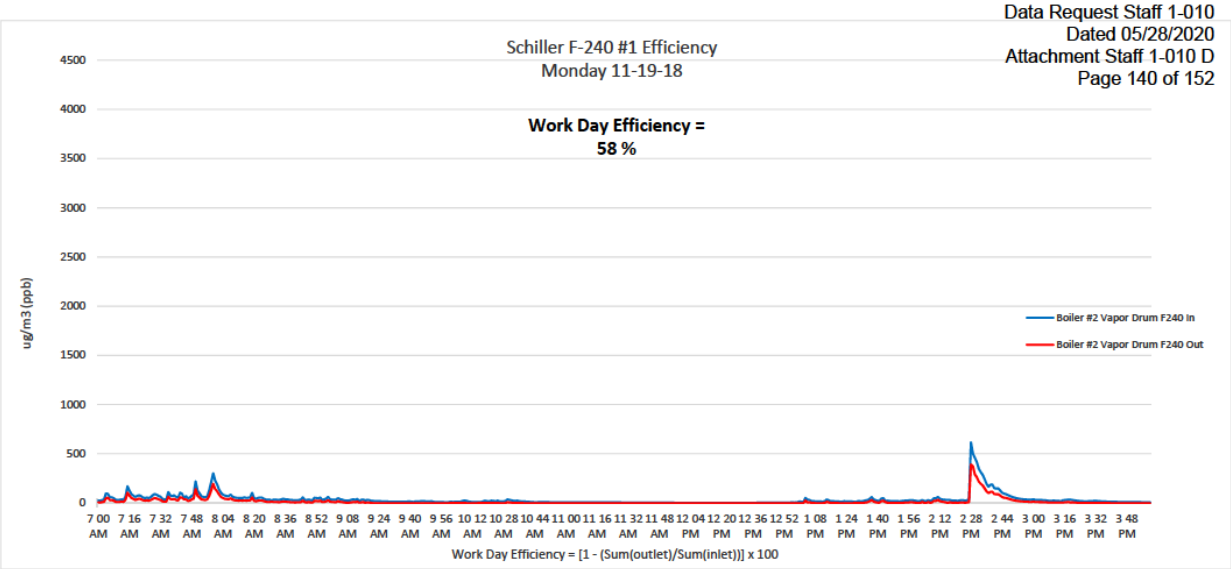

Schiller F-240 #1 Efficiency
Wednesday 11-21-18
Work Day Efficiency =
NA
ug/m3 (ppb)
35% Efficiency
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

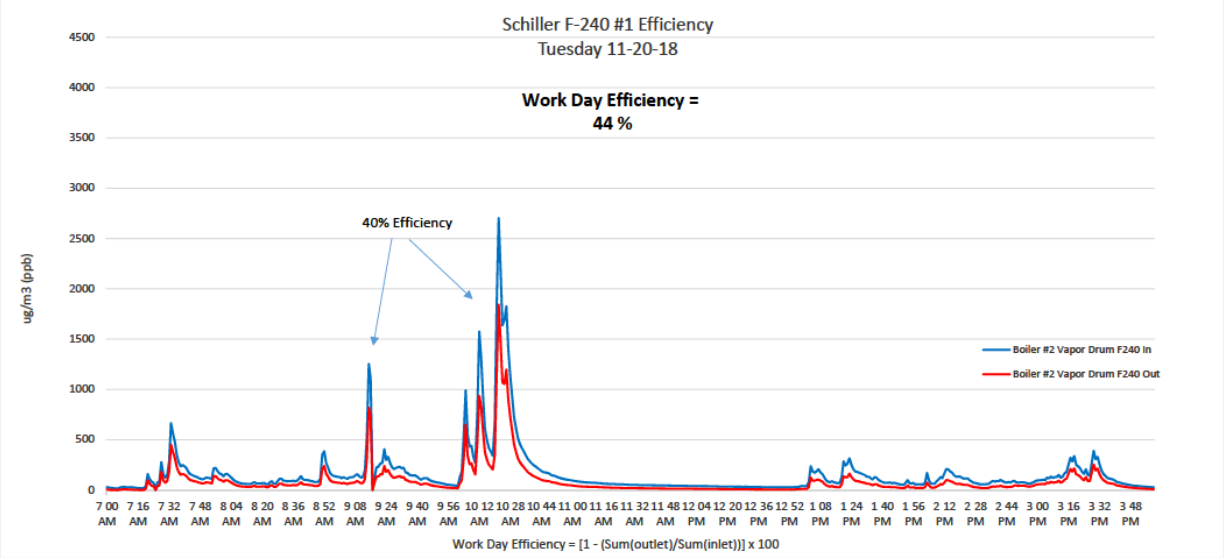

Schiller F-240 #1 Efficiency
Thursday 11-22-18
Work Day Efficiency =
NA
ug/m3 (ppb)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
7 00 AM
7 16 AM
7 32 AM
7 48 AM
8 04 AM
8 20 AM
8 36 AM
8 52 AM
9 08 AM
9 24 AM
9 40 AM
9 56 AM
10 12 AM
10 28 AM
10 44 AM
11 00 AM
11 16 AM
11 32 AM
11 48 AM
12 04 PM
12 20 PM
12 36 PM
12 52 PM
1 08 PM
1 24 PM
1 40 PM
1 56 PM
2 12 PM
2 28 PM
2 44 PM
3 00 PM
3 16 PM
3 32 PM
3 48 PM
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

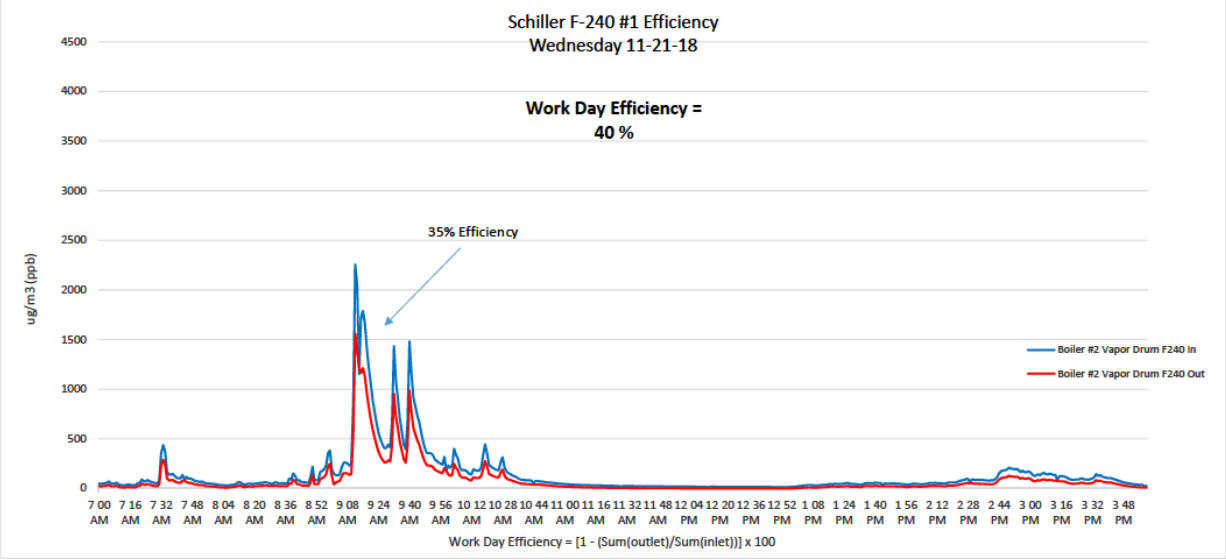

Schiller F-240 #1 Efficiency
Friday 11-23-18
Work Day Efficiency =
NA
ug/m3 (ppb)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
7 00 AM
7 12 AM
7 24 AM
7 36 AM
7 48 AM
8 00 AM
8 12 AM
8 24 AM
8 36 AM
8 48 AM
9 00 AM
9 12 AM
9 24 AM
9 36 AM
9 48 AM
10 00 AM
10 12 AM
10 24 AM
10 36 AM
10 48 AM
11 00 AM
11 12 AM
11 24 AM
11 36 AM
11 48 AM
12 00 PM
12 12 PM
12 24 PM
12 36 PM
12 48 PM
1 00 PM
1 12 PM
1 24 PM
1 36 PM
1 48 PM
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

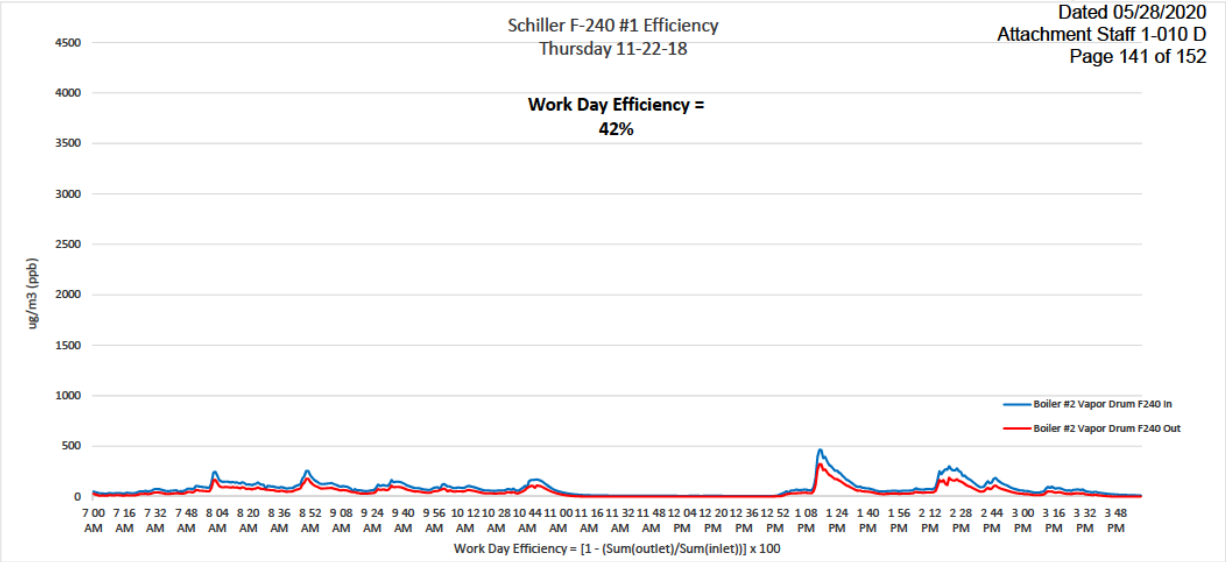

Schiller Hg Emissions
11-24-18 to 11-30-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
Flow repaired at end of day. Return to using actual stack flow for emisson calulactions
11-21-18 1400
Stack flow lines froze
Using Duct A Flow for Calculations
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
Sunday - Friday

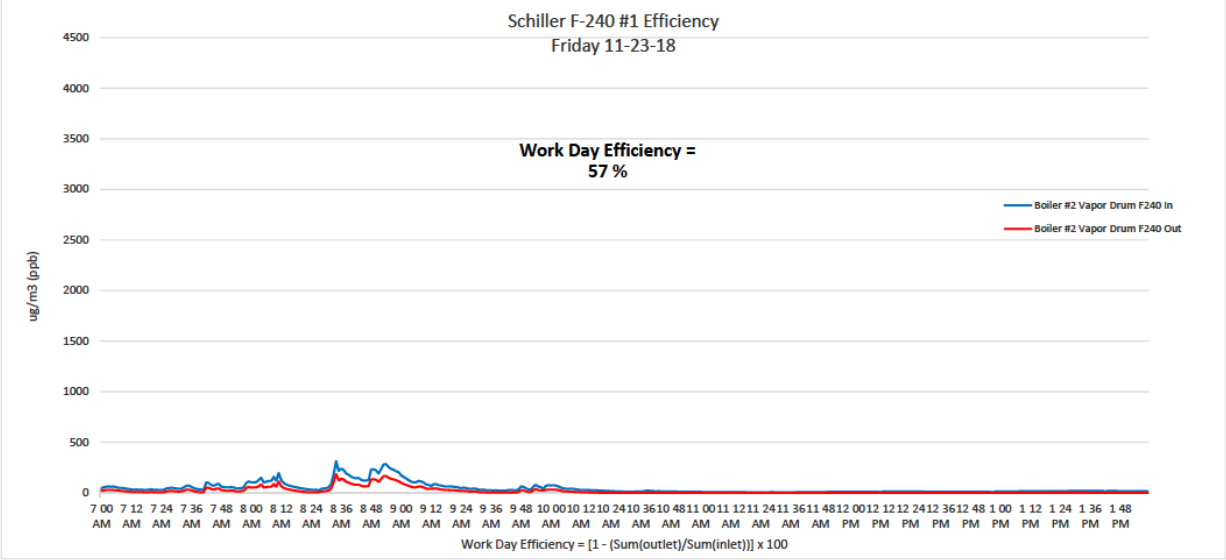

Schiller Hg Emissions
11-24-18 to 11-30-18
5898
5918
5578
5866
5804
5510
6240
Lower daily flow leading to lower daily limits
Weekly total Hg Emission =
360.43 g or 0.88 % of allowable
2018 Total Hg Emission =
19,975 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

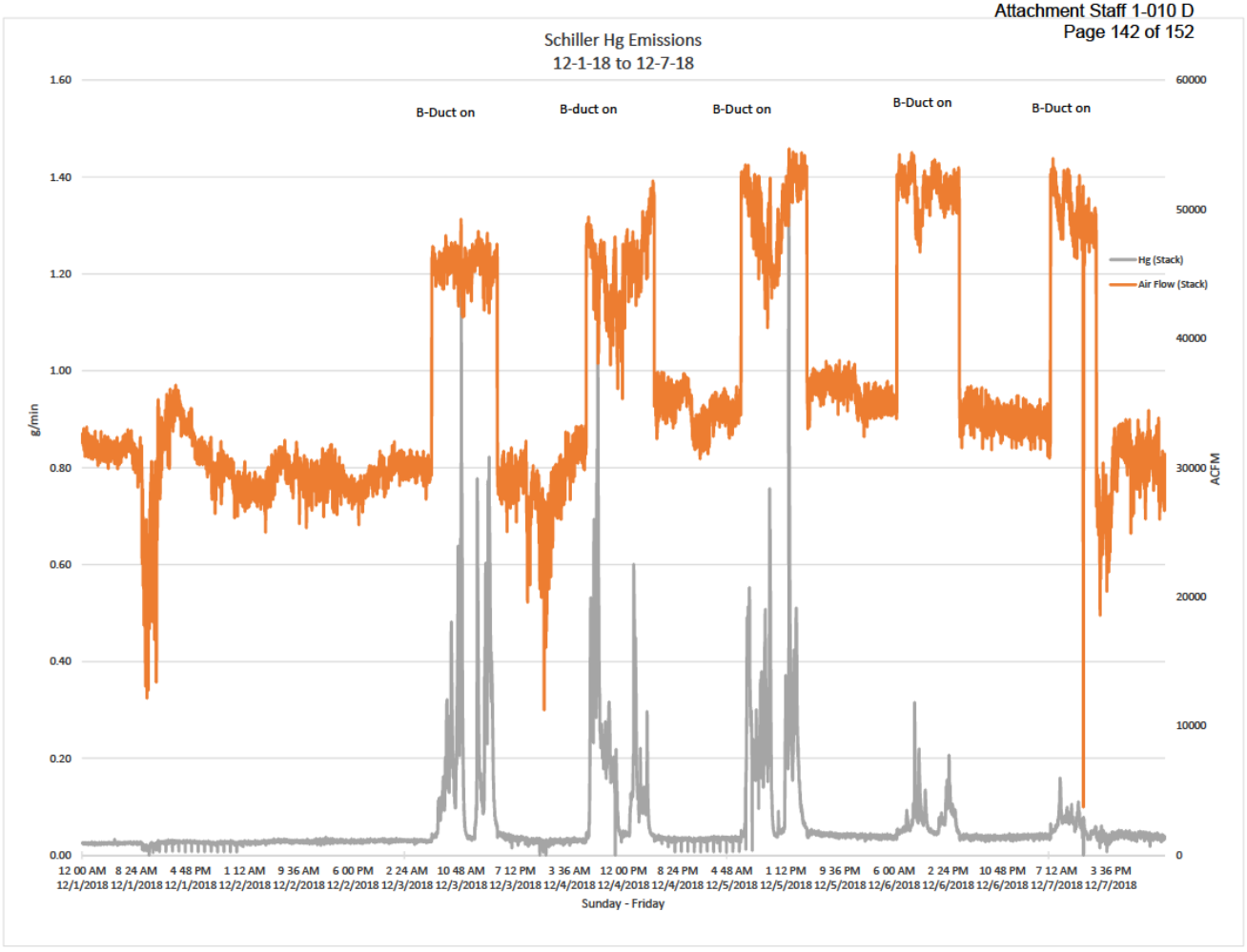

Schiller F-240 #1 Efficiency
Monday 11-19-18
Work Day Efficiency =
58 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

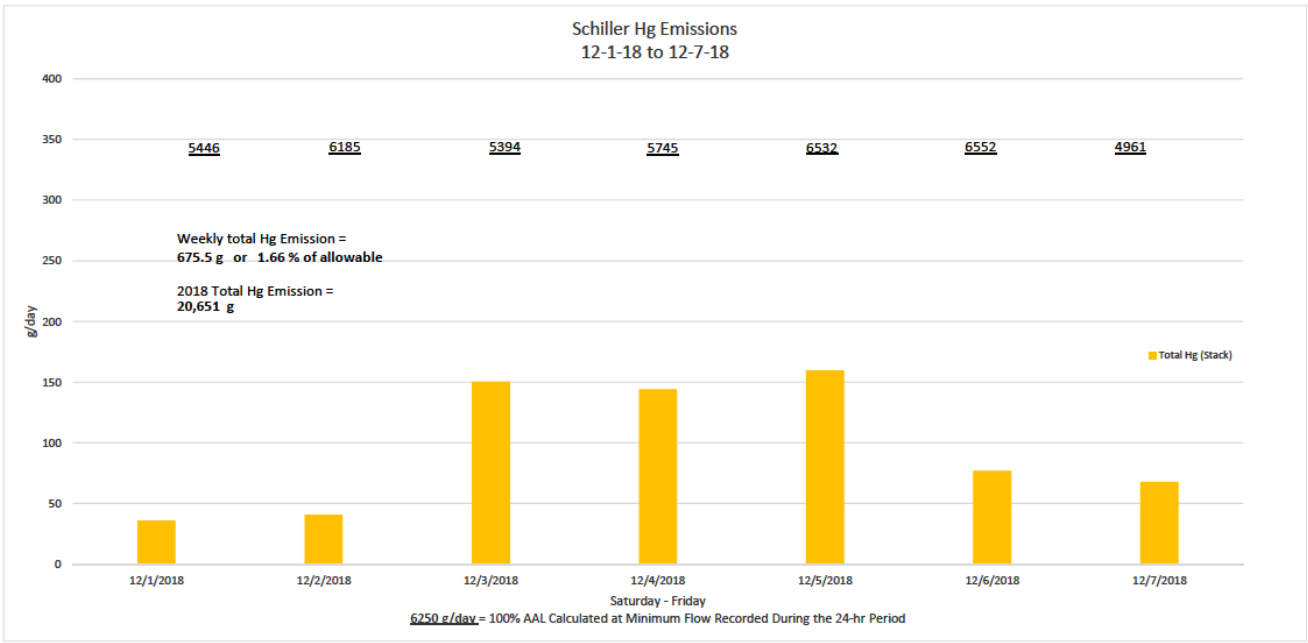

Schiller F-240 #1 Efficiency
Tuesday 11-20-18
Work Day Efficiency =
44 %
40% Efficiency
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

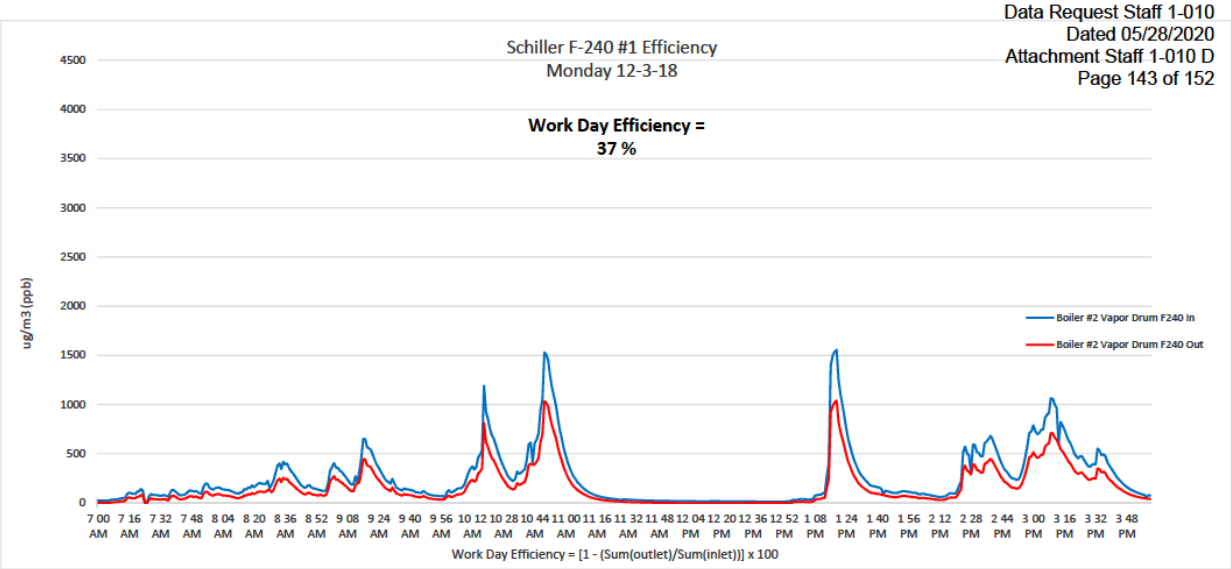

Schiller F-240 #1 Efficiency
Wednesday 11-21-18
Work Day Efficiency =
40 %
35% Efficiency
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

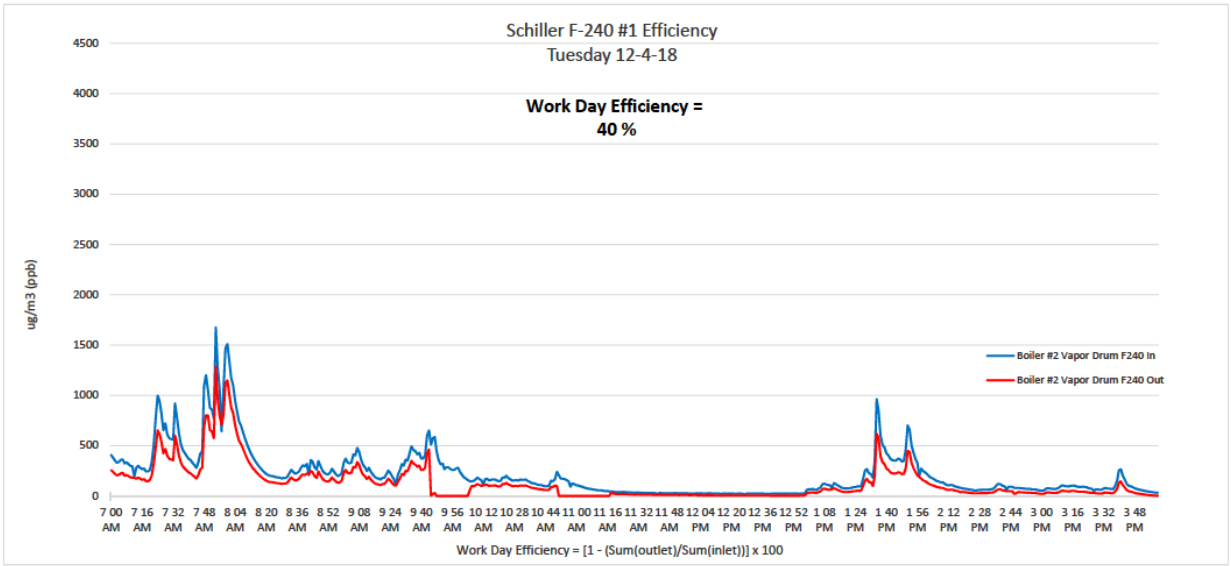

Schiller F-240 #1 Efficiency
Thursday 11-22-18
Work Day Efficiency =
42%
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

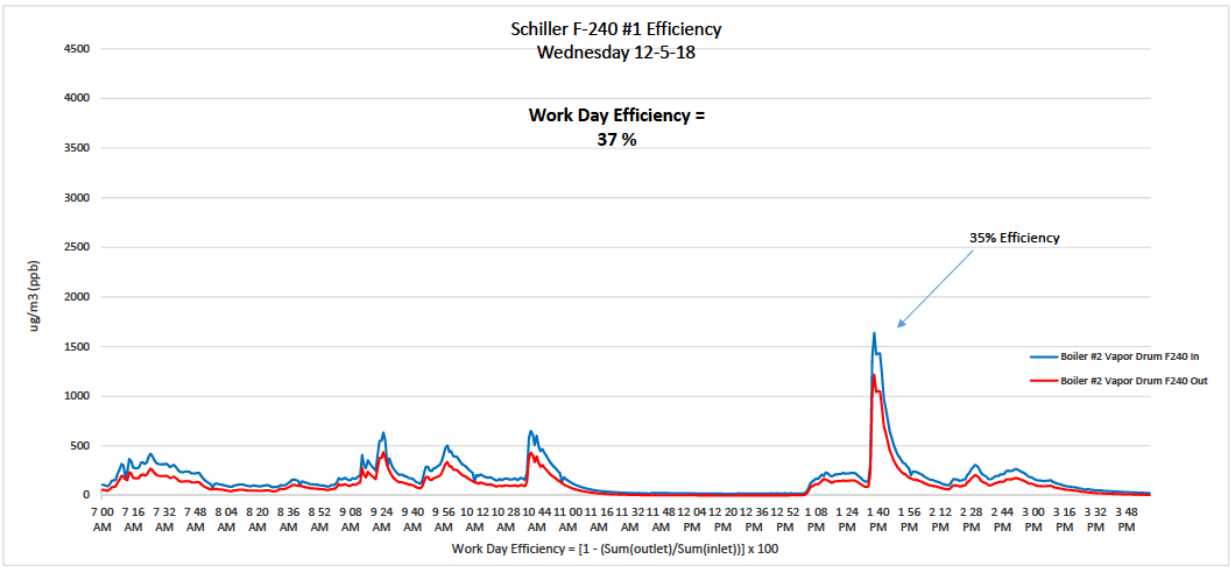

Schiller F-240 #1 Efficiency
Friday 11-23-18
Work Day Efficiency =
57 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

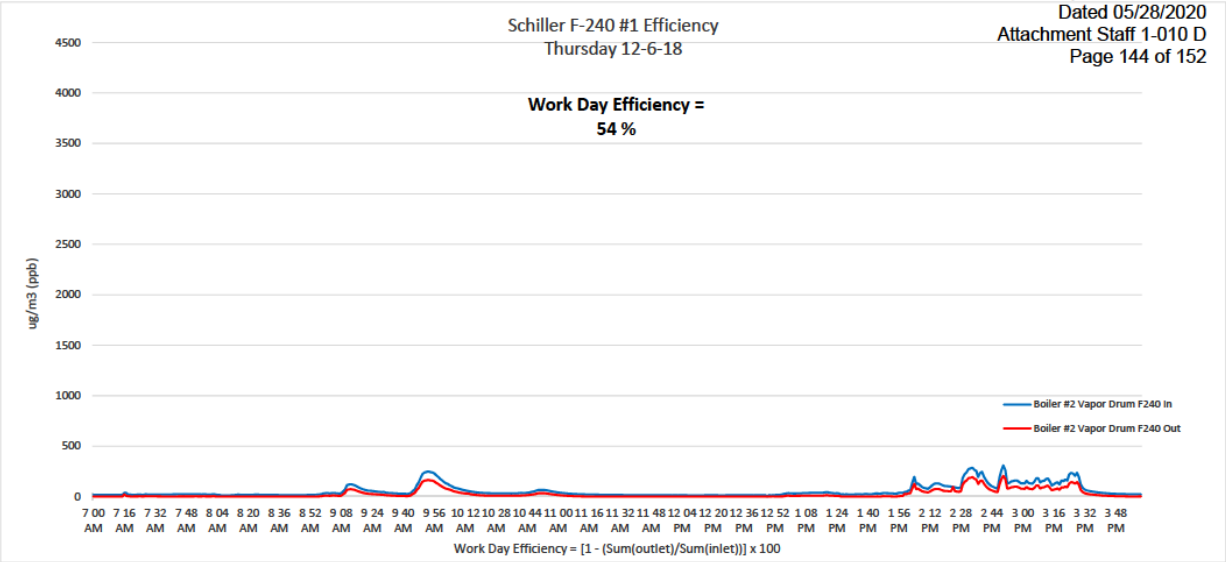

Schiller Hg Emissions
12-1-18 to 12-7-18
B-Duct on
B-duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

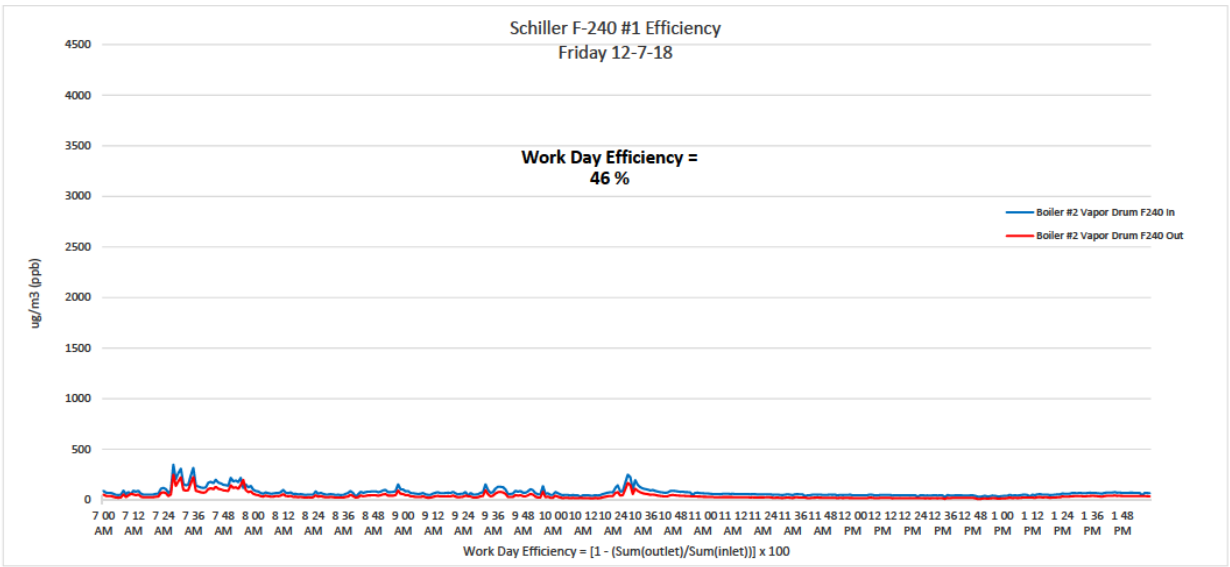

Schiller Hg Emissions
12-1-18 to 12-7-18
5446
6185
5394
5745
6532
6552
4961
Weekly total Hg Emission =
675.5 g or 1.66 % of allowable
2018 Total Hg Emission =
20,651 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

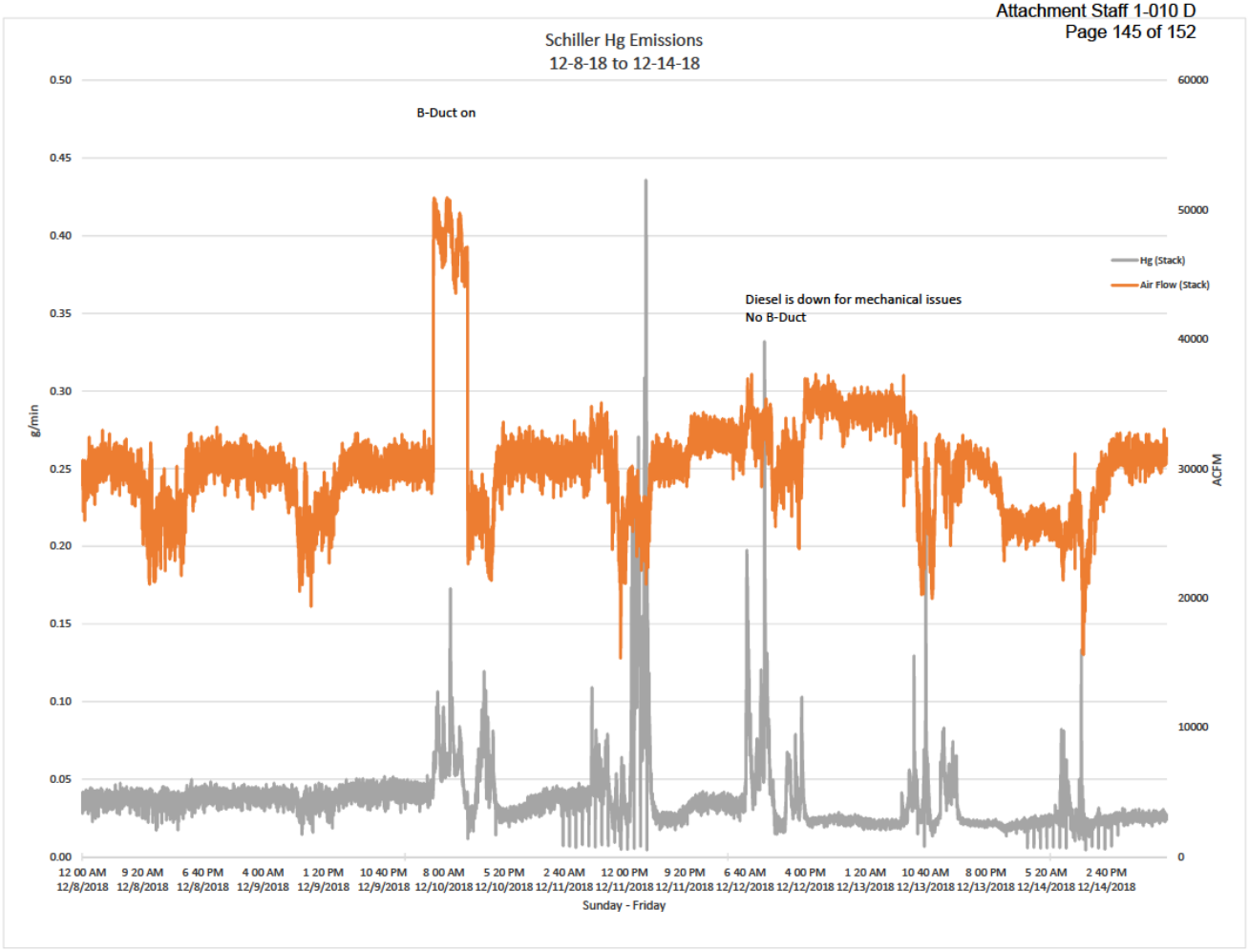

Schiller F-240 #1 Efficiency
Monday 12-3-18
Work Day Efficiency =
37 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

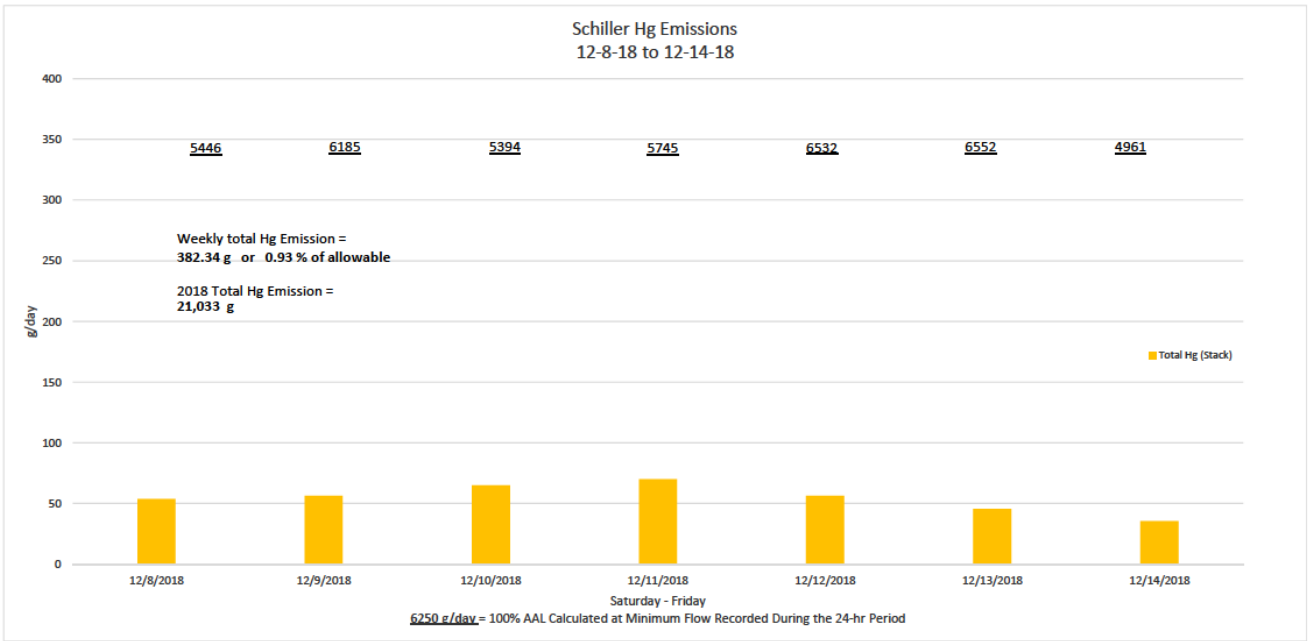

Schiller F-240 #1 Efficiency
Tuesday 12-4-18
Work Day Efficiency =
40 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

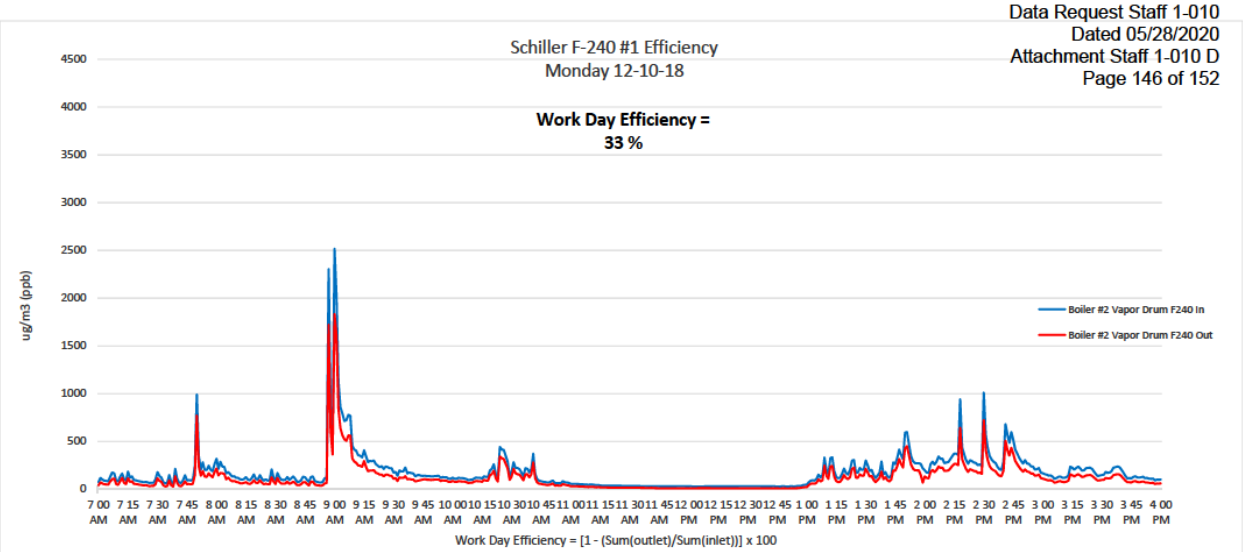

Schiller F-240 #1 Efficiency
Wednesday 12-5-18
Work Day Efficiency =
37 %
35% Efficiency
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

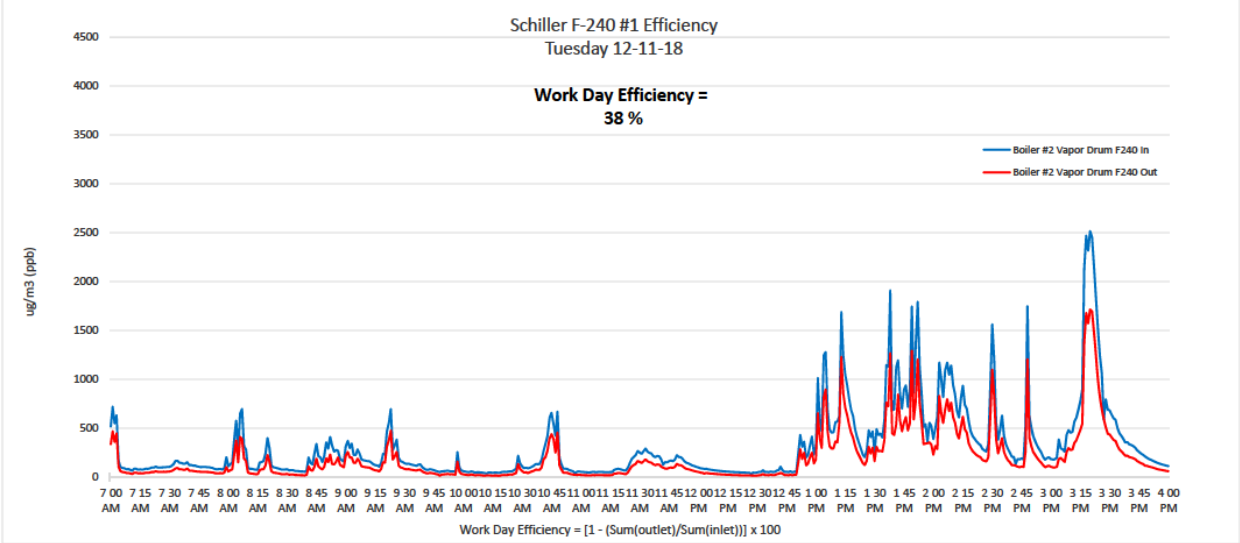

Schiller F-240 #1 Efficiency
Thursday 12-6-18
Work Day Efficiency =
54 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

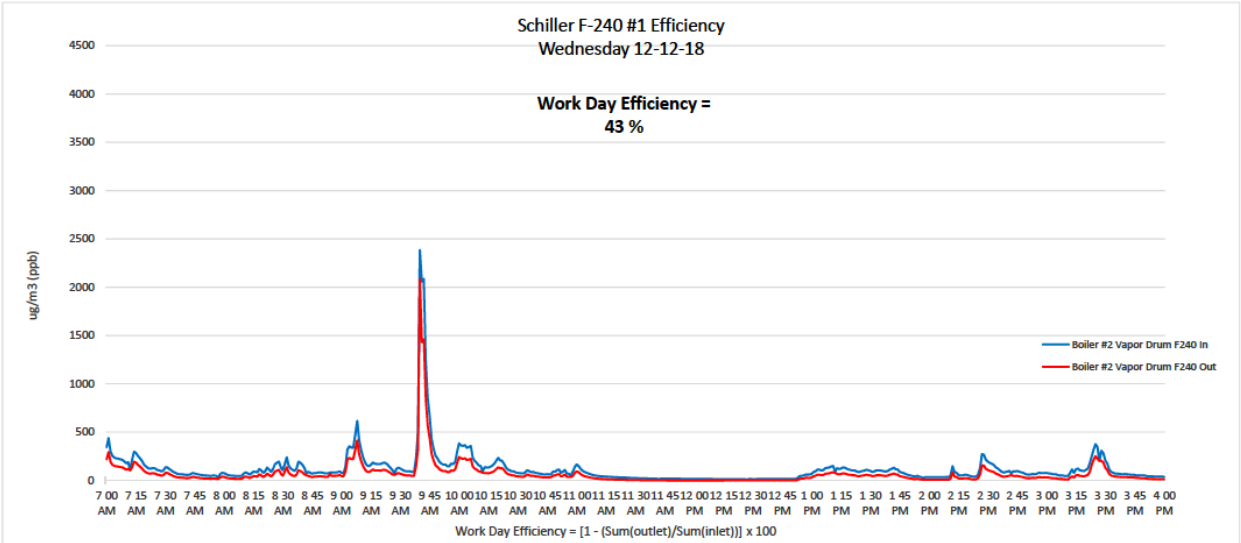

Schiller F-240 #1 Efficiency
Friday 12-7-18
Work Day Efficiency =
46 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

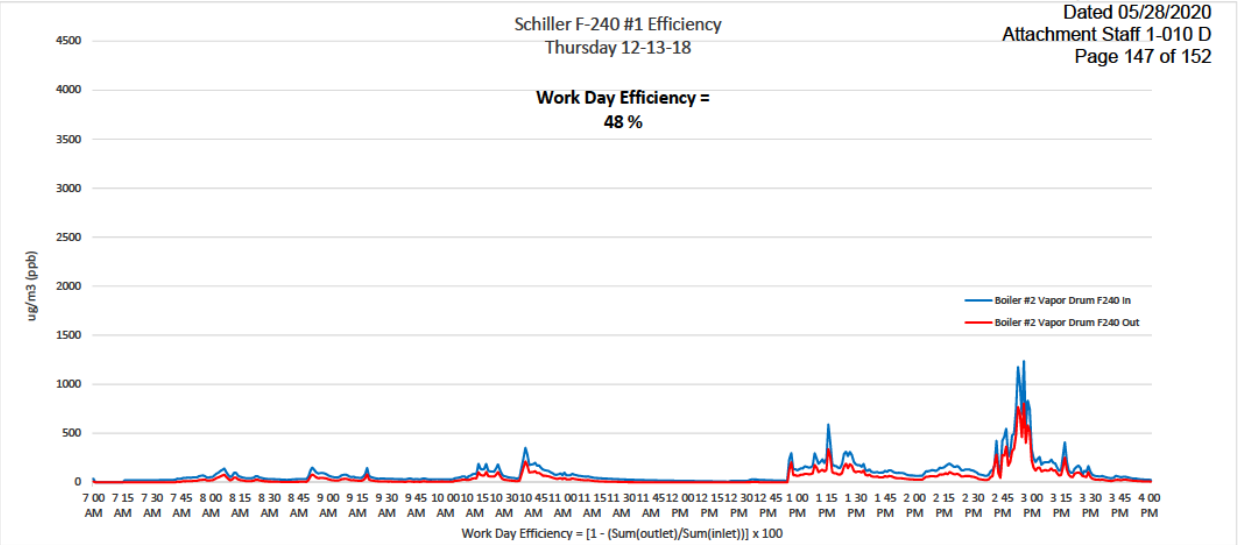

Schiller Hg Emissions
12-8-18 to 12-14-18
B-Duct on
Diesel is down for mechanical issues
No B-Duct
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
60000
50000
40000
30000
20000
10000
0
12 00 AM 12/8/2018
9 20 AM 12/8/2018
6 40 PM 12/8/2018
4 00 AM 12/9/2018
1 20 PM 12/9/2018
10 40 PM 12/9/2018
8 00 AM 12/10/2018
5 20 PM 12/10/2018
2 40 AM 12/11/2018
12 00 PM 12/11/2018
9 20 PM 12/11/2018
6 40 AM 12/12/2018
4 00 PM 12/12/2018
1 20 AM 12/13/2018
10 40 AM 12/13/2018
8 00 PM 12/13/2018
5 20 AM 12/14/2018
2 40 PM 12/14/2018
Sunday - Friday

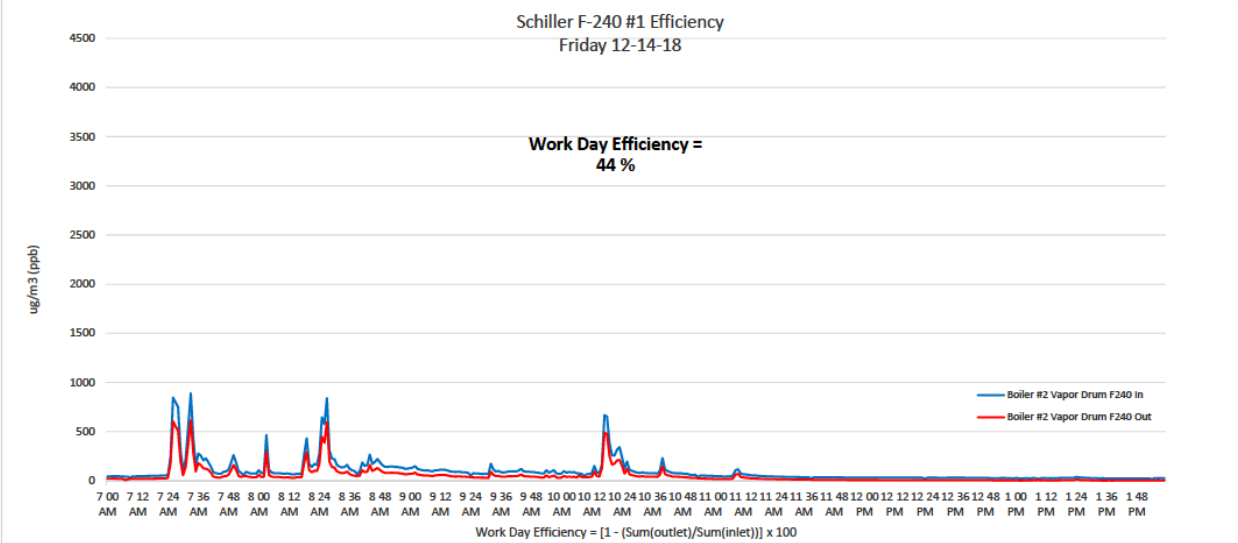

Schiller Hg Emissions
12-8-18 to 12-14-18
5446
6185
5394
5745
6532
6552
4961
Weekly total Hg Emission =
382.34 g or 0.93 % of allowable
2018 Total Hg Emission =
21,033 g
Total Hg (Stack)
g/day
400
350
300
250
200
150
100
50
0
12/8/2018
12/9/2018
12/10/2018
12/11/2018
12/12/2018
12/13/2018
12/14/2018
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

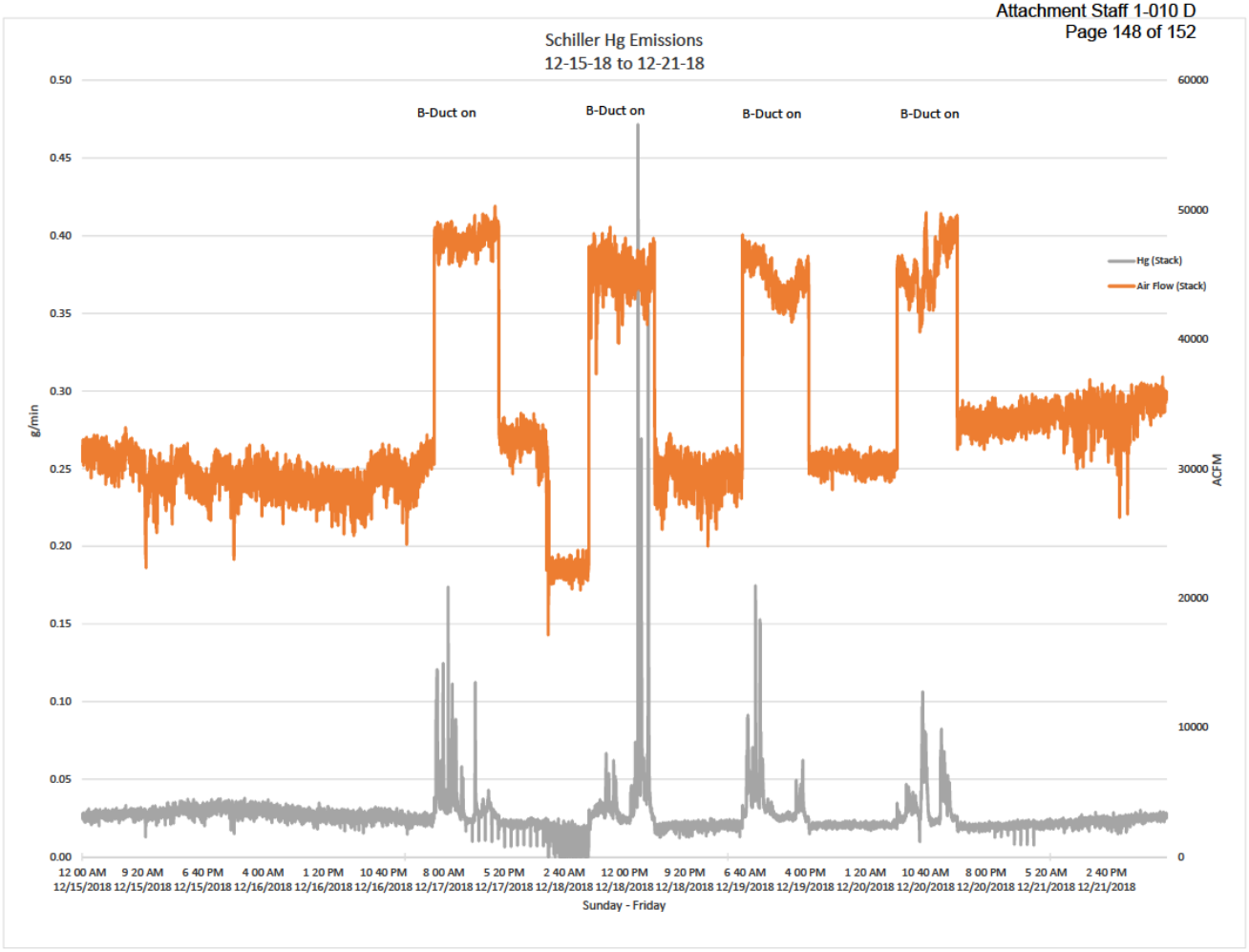

Schiller F-240 #1 Efficiency
Monday 12-10-18
Work Day Efficiency =
33 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

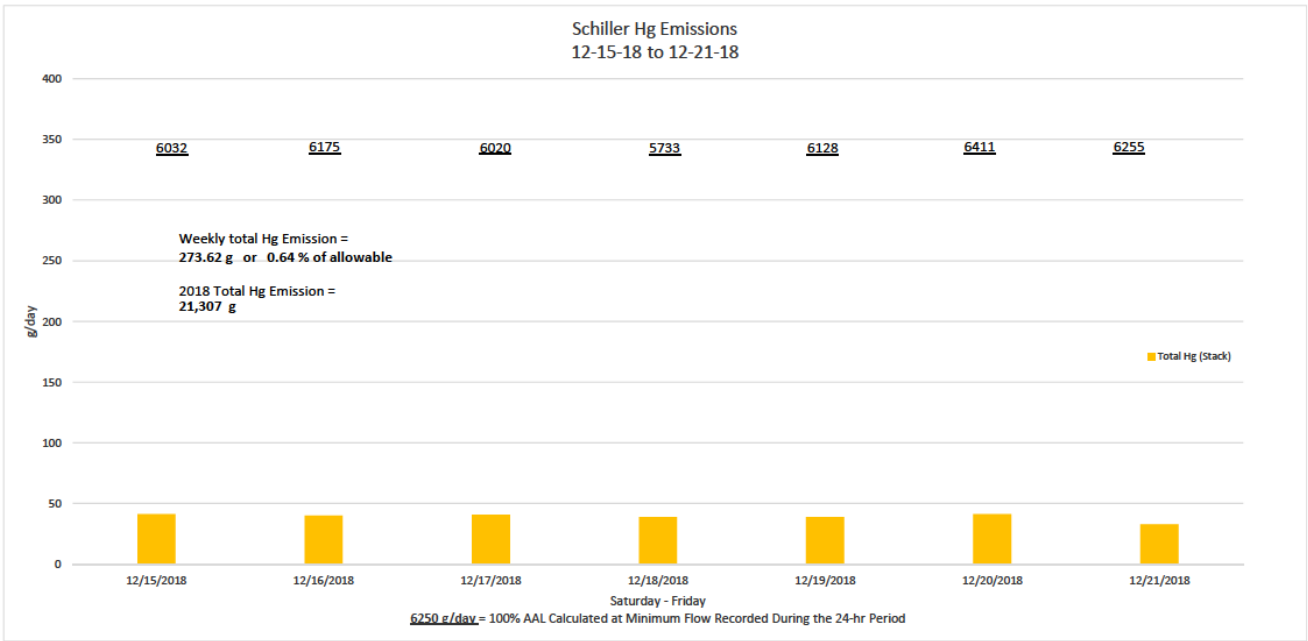

Schiller F-240 #1 Efficiency
Tuesday 12-11-18
Work Day Efficiency =
38 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

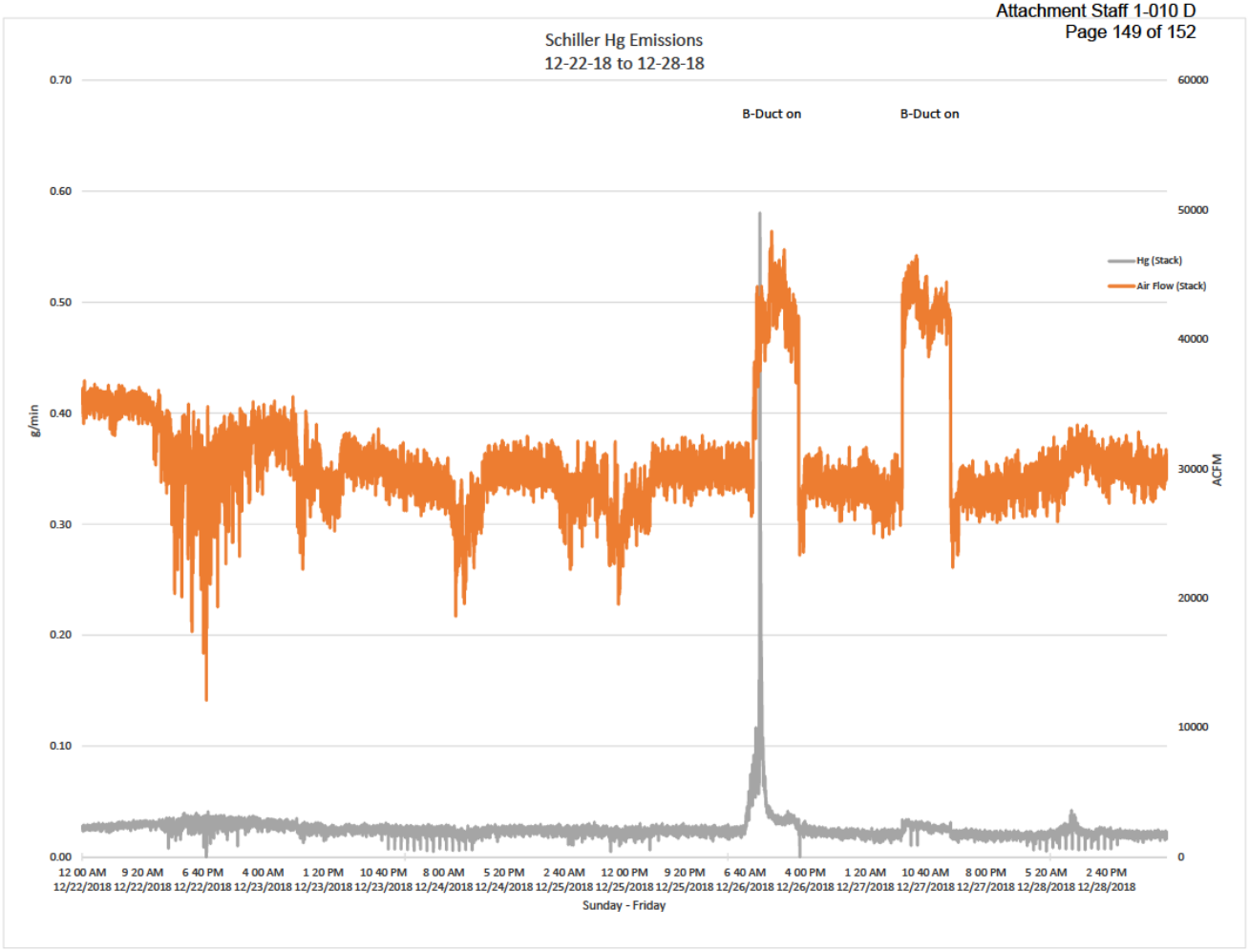

Schiller F-240 #1 Efficiency
Wednesday 12-12-18
Work Day Efficiency =
43 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

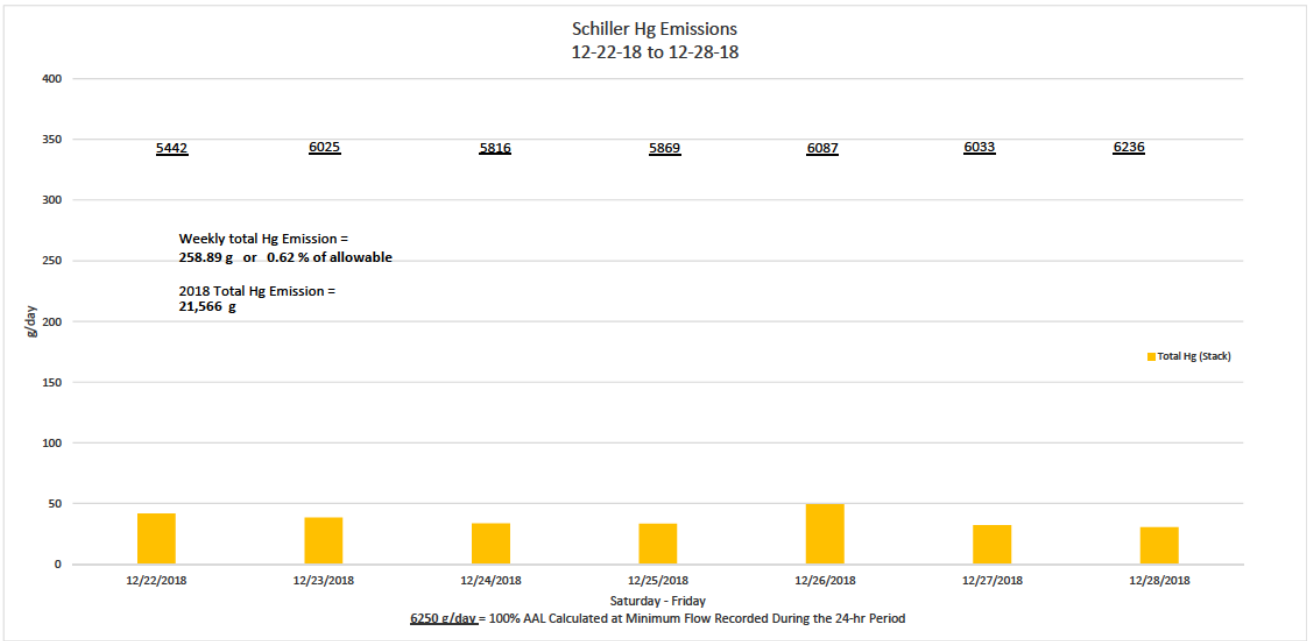

Schiller F-240 #1 Efficiency
Thursday 12-13-18
Work Day Efficiency =
48 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

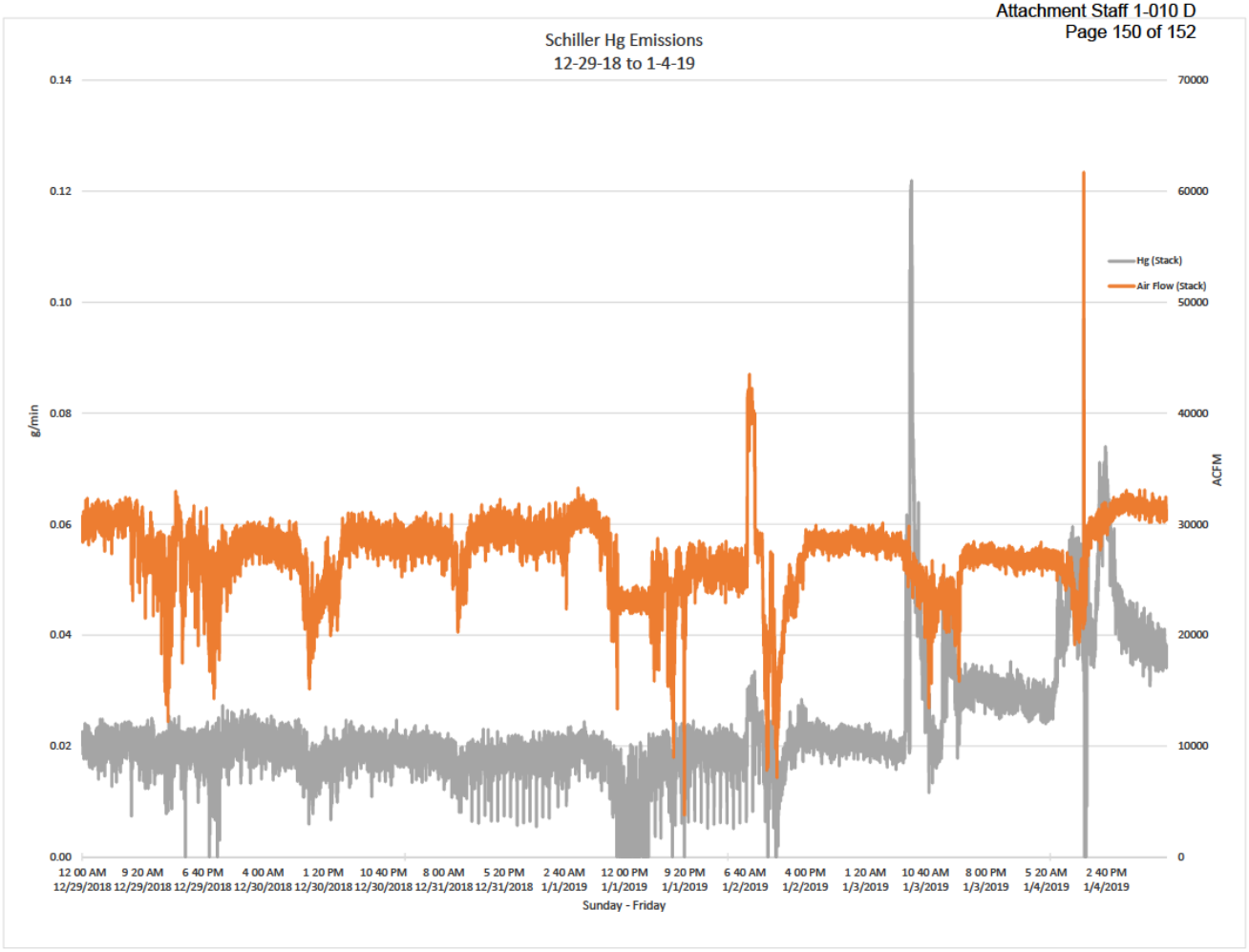

Schiller F-240 #1 Efficiency
Friday 12-14-18
Work Day Efficiency =
44 %
ug/m3 (ppb)
Boiler #2 Vapor Drum F240 In
Boiler #2 Vapor Drum F240 Out
Work Day Efficiency = [1 - (Sum(outlet)/Sum(inlet))] x 100

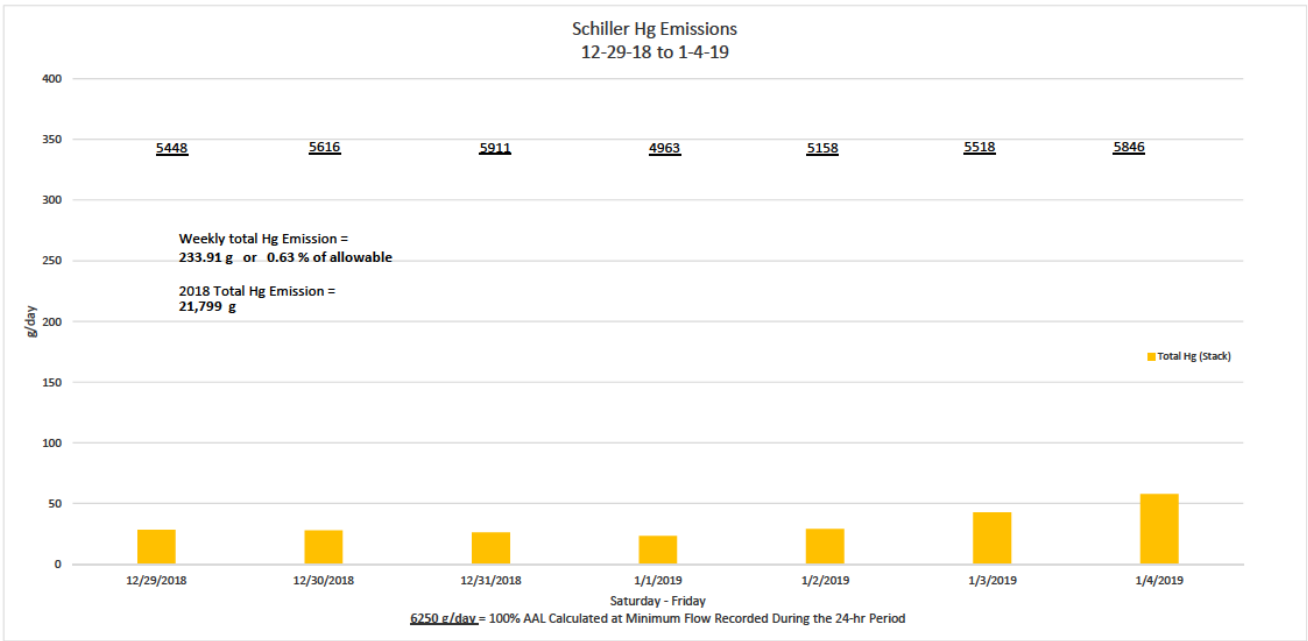

Schiller Hg Emissions
12-15-18 to 12-21-18
B-Duct on
B-Duct on
B-Duct on
B-Duct on
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

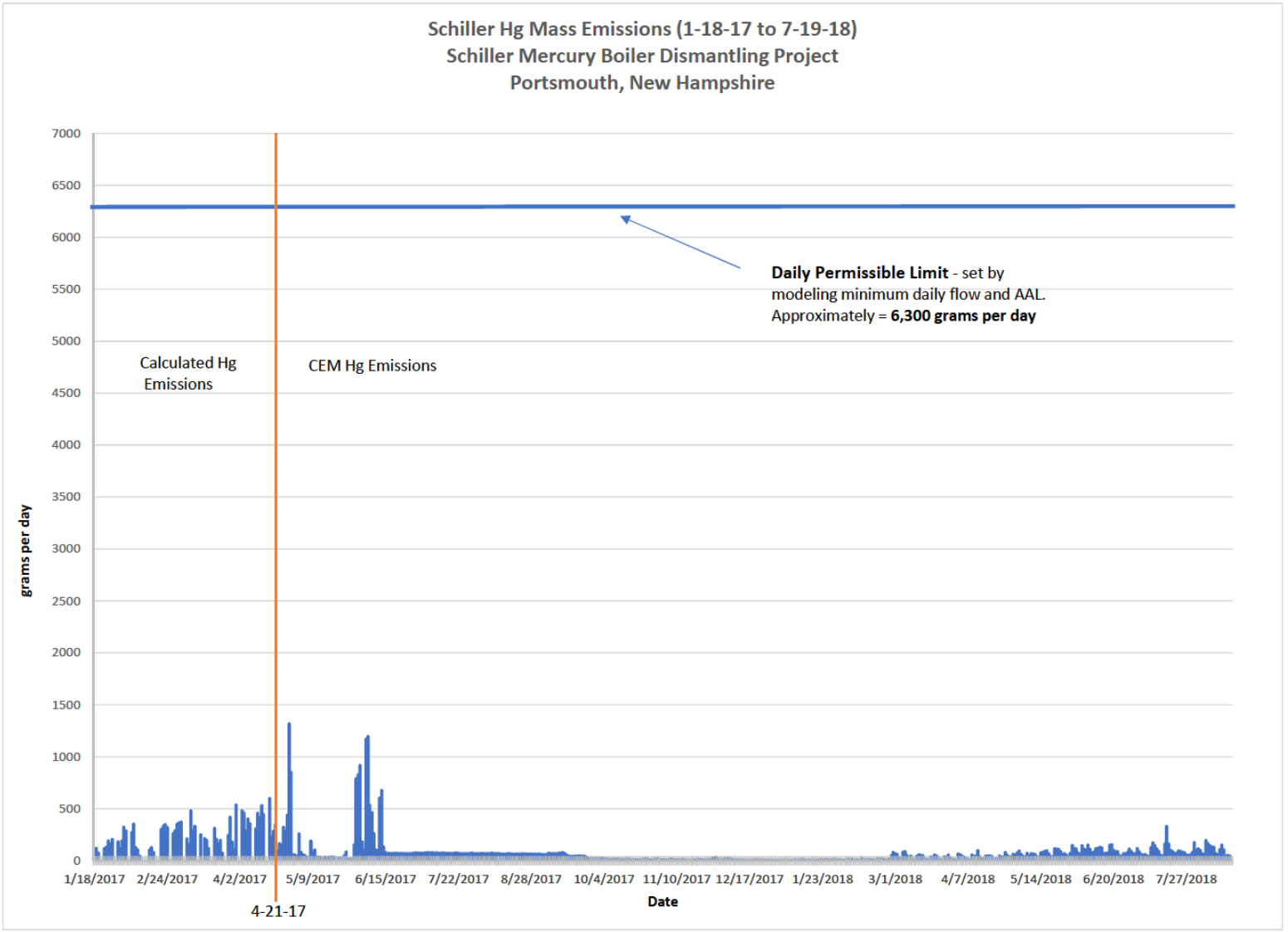

Schiller Hg Emissions
12-15-18 to 12-21-18
6032
6175
6020
5733
6128
6411
6255
Weekly total Hg Emission =
273.62 g or 0.64 % of allowable
2018 Total Hg Emission =
21,307 g
g/day
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

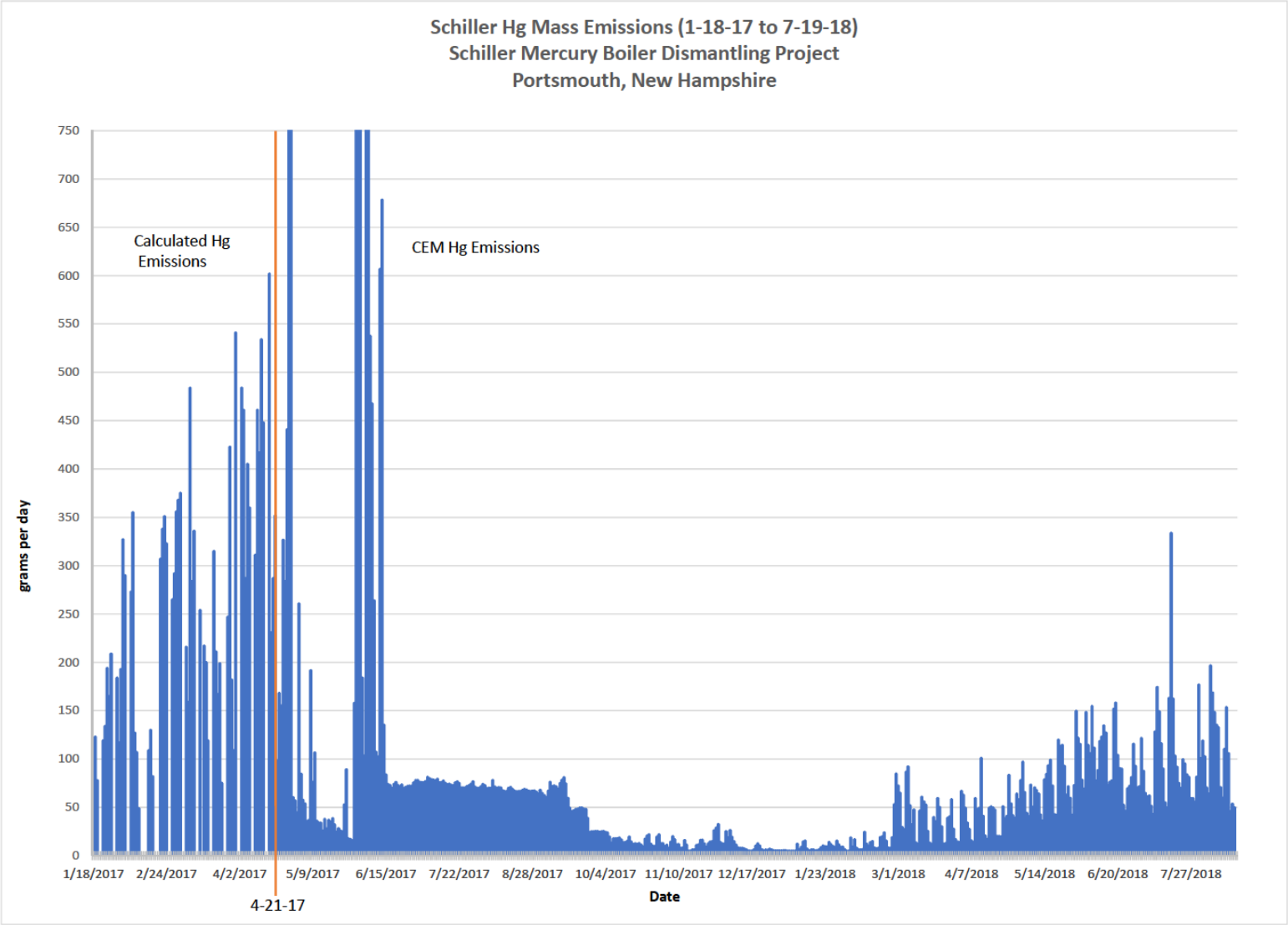

Schiller Hg Emissions
12-22-18 to 12-28-18
B-Duct on
B-Duct on
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
Sunday - Friday

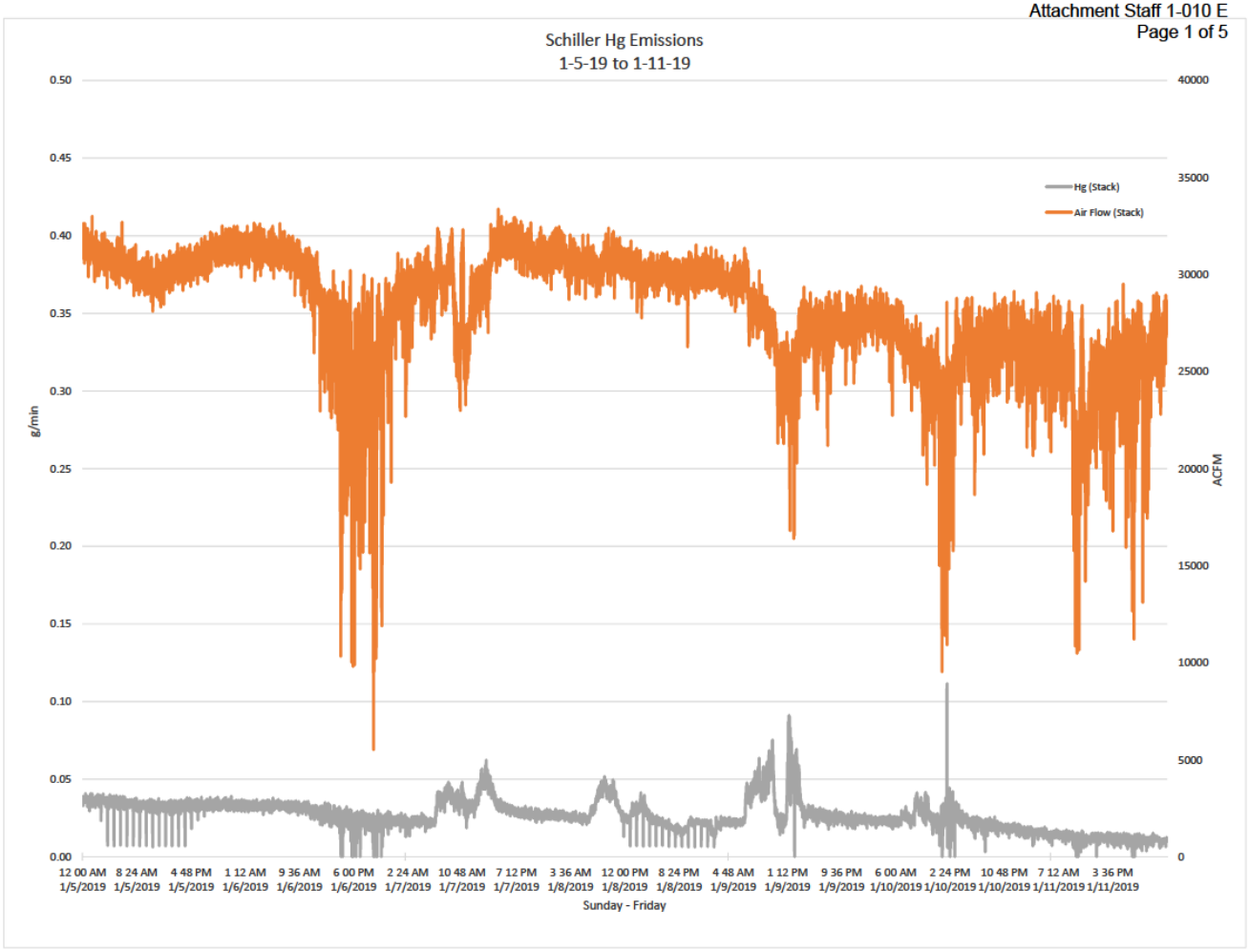

Schiller Hg Emissions
12-22-18 to 12-28-18
5442
6025
5816
5869
6087
6033
6236
Weekly total Hg Emission =
258.89 g or 0.62 % of allowable
2018 Total Hg Emission =
21,566 g
Total Hg (Stack)
g/day
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

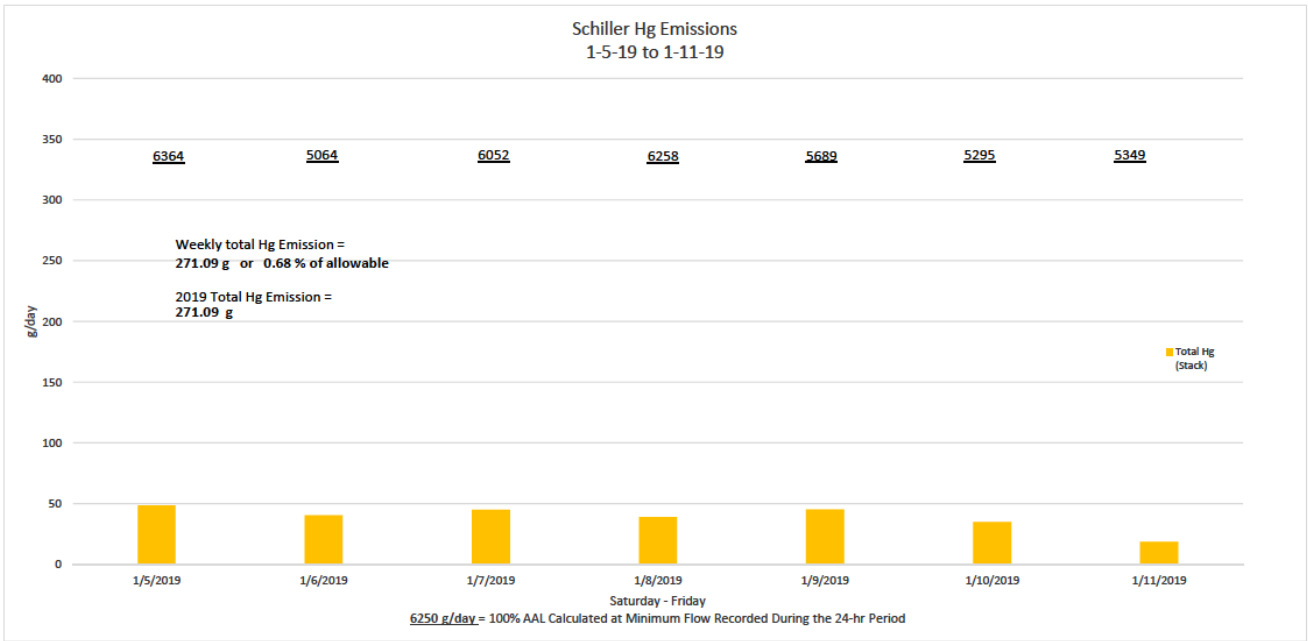

Schiller Hg Emissions
12-29-18 to 1-4-19
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
70000
60000
50000
40000
30000
20000
10000
0
12 00 AM 12/29/2018
9 20 AM 12/29/2018
6 40 PM 12/29/2018
4 00 AM 12/30/2018
1 20 PM 12/30/2018
10 40 PM 12/30/2018
8 00 AM 12/31/2018
5 20 PM 12/31/2018
2 40 AM 1/1/2019
12 00 PM 1/1/2019
9 20 PM 1/1/2019
6 40 AM 1/2/2019
4 00 PM 1/2/2019
1 20 AM 1/3/2019
10 40 AM 1/3/2019
8 00 PM 1/3/2019
5 20 AM 1/4/2019
2 40 PM 1/4/2019
Sunday - Friday

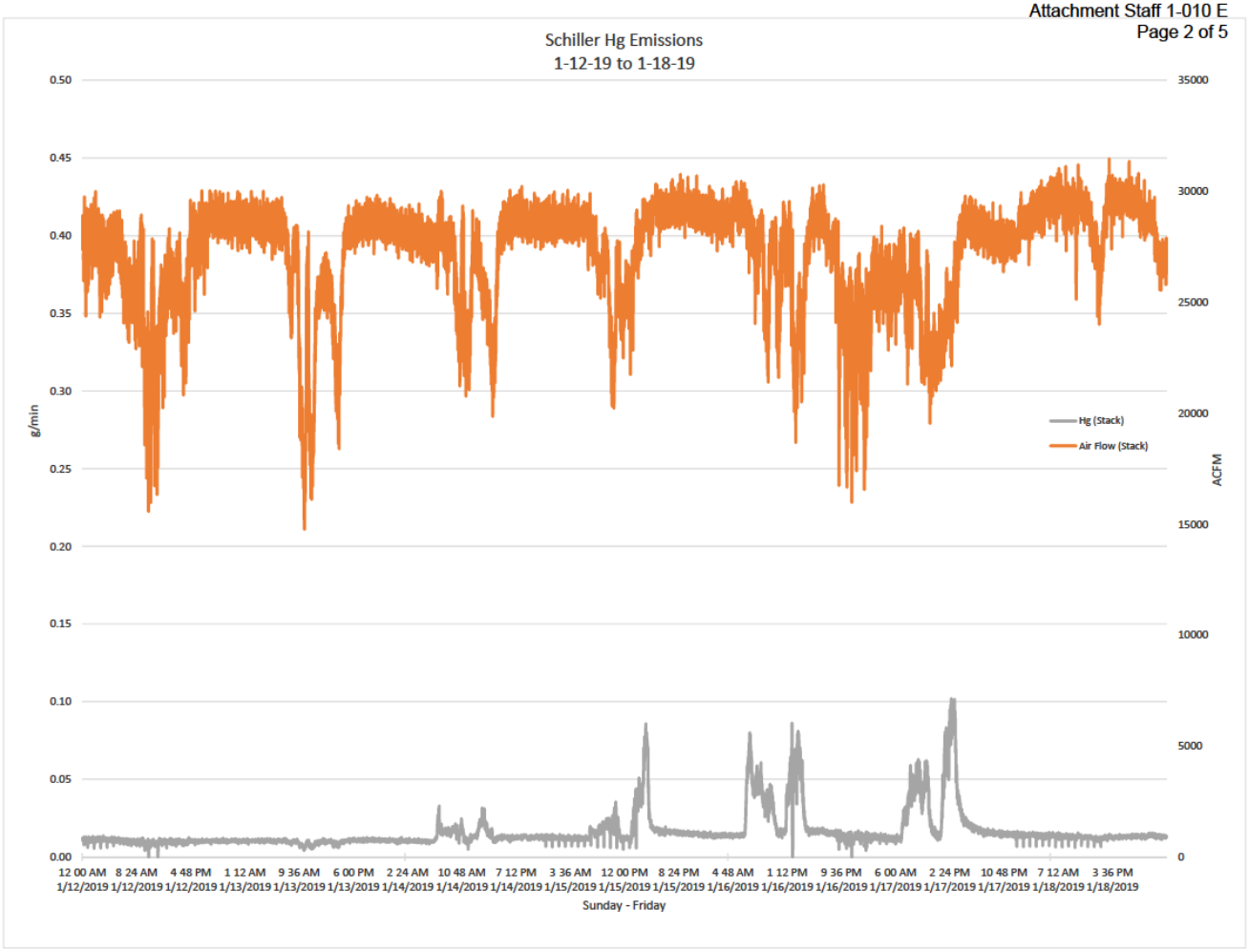

Schiller Hg Emissions
12-29-18 to 1-4-19
g/day
400
350
300
250
200
150
100
50
0
5448
5616
5911
4963
5158
5518
5846
Weekly total Hg Emission =
233.91 g or 0.63 % of allowable
2018 Total Hg Emission =
21,799 g
Total Hg (Stack)
12/29/2018
12/30/2018
12/31/2018
1/1/2019
1/2/2019
1/3/2019
1/4/2019
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

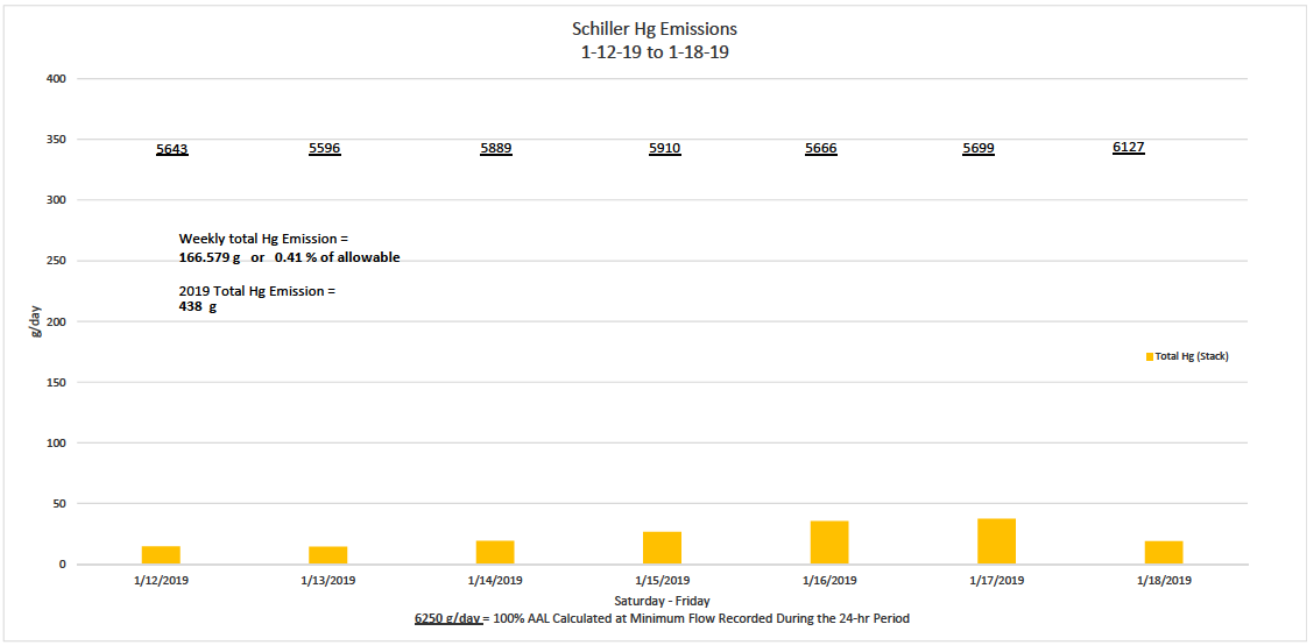

Schiller Hg Mass Emissions (1-18-17 to 7-19-18)
Schiller Mercury Boiler Dismantling Project
Portsmouth, New Hampshire
grams per day
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Daily Permissible Limit - set by modeling minimum daily flow and AAL. Approximately = 6,300 grams per day
Calculated Hg Emissions
CEM Hg Emissions
1/18/2017
2/24/2017
4/2/2017
5/9/2017
6/15/2017
7/22/2017
8/28/2017
10/4/2017
11/10/2017
12/17/2017
1/23/2018
3/1/2018
4/7/2018
5/14/2018
6/20/2018
7/27/2018
Date
4-21-17

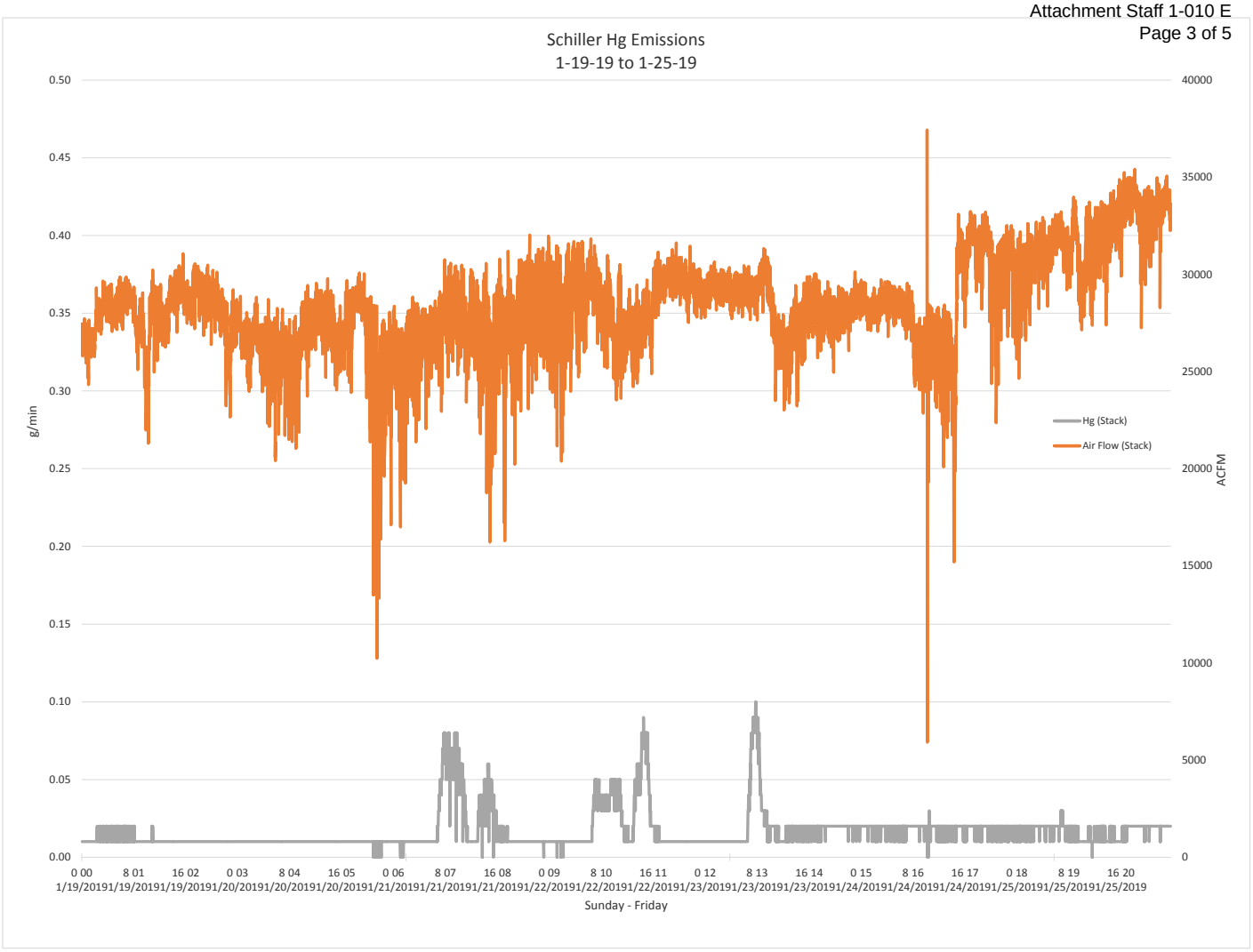

Schiller Hg Mass Emissions (1-18-17 to 7-19-18)
Schiller Mercury Boiler Dismantling Project
Portsmouth, New Hampshire
Calculated Hg Emissions
CEM Hg Emissions
grams per day
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
1/18/2017
2/24/2017
4/2/2017
4-21-17
5/9/2017
6/15/2017
7/22/2017
8/28/2017
10/4/2017
11/10/2017
12/17/2017
1/23/2018
3/1/2018
4/7/2018
5/14/2018
6/20/2018
7/27/2018
Date

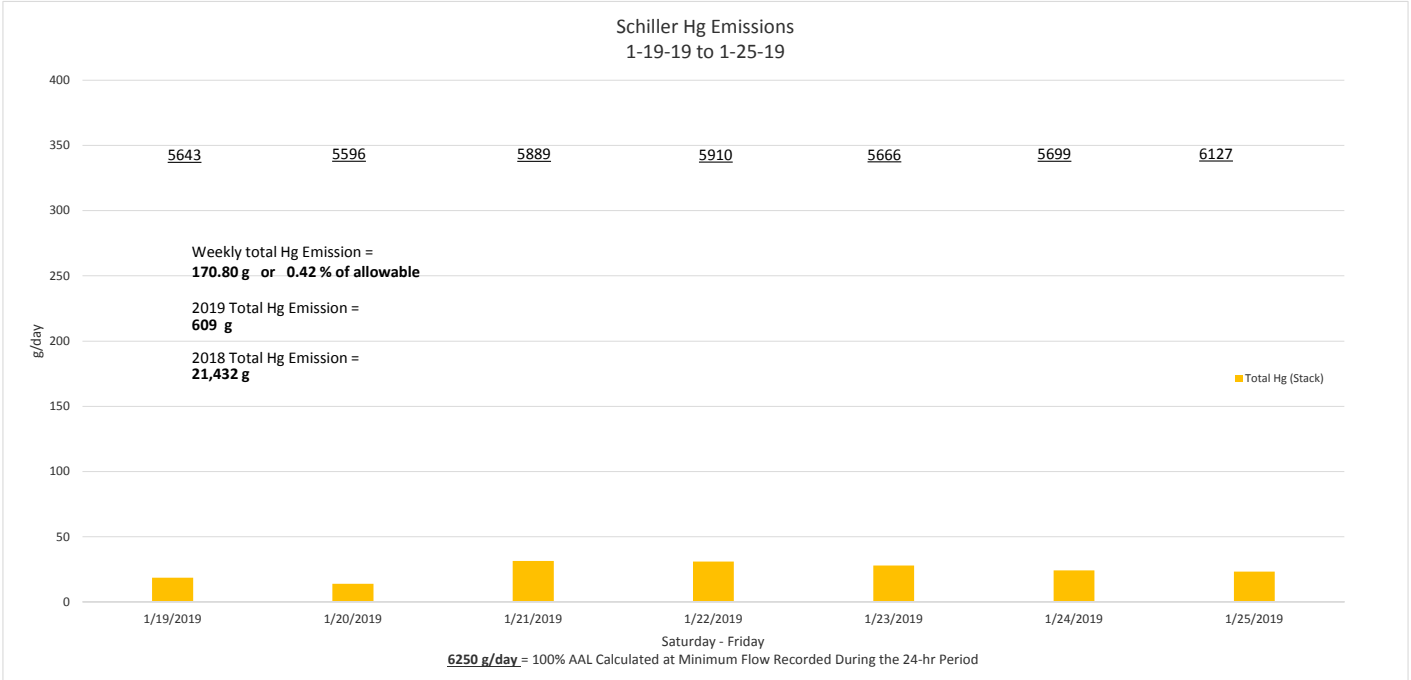

Schiller Hg Emissions
1-5-19 to 1-11-19
Hg (Stack)
Air Flow (Stack)
g/min
ACFM
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
40000
35000
30000
25000
20000
15000
10000
5000
0
12 00 AM 1/5/2019
8 24 AM 1/5/2019
4 48 PM 1/5/2019
1 12 AM 1/6/2019
9 36 AM 1/6/2019
6 00 PM 1/6/2019
2 24 AM 1/7/2019
10 48 AM 1/7/2019
7 12 PM 1/7/2019
3 36 AM 1/8/2019
12 00 PM 1/8/2019
8 24 PM 1/8/2019
4 48 AM 1/9/2019
1 12 PM 1/9/2019
9 36 PM 1/9/2019
6 00 AM 1/10/2019
2 24 PM 1/10/2019
10 48 PM 1/10/2019
7 12 AM 1/11/2019
3 36 PM 1/11/2019
Sunday - Friday

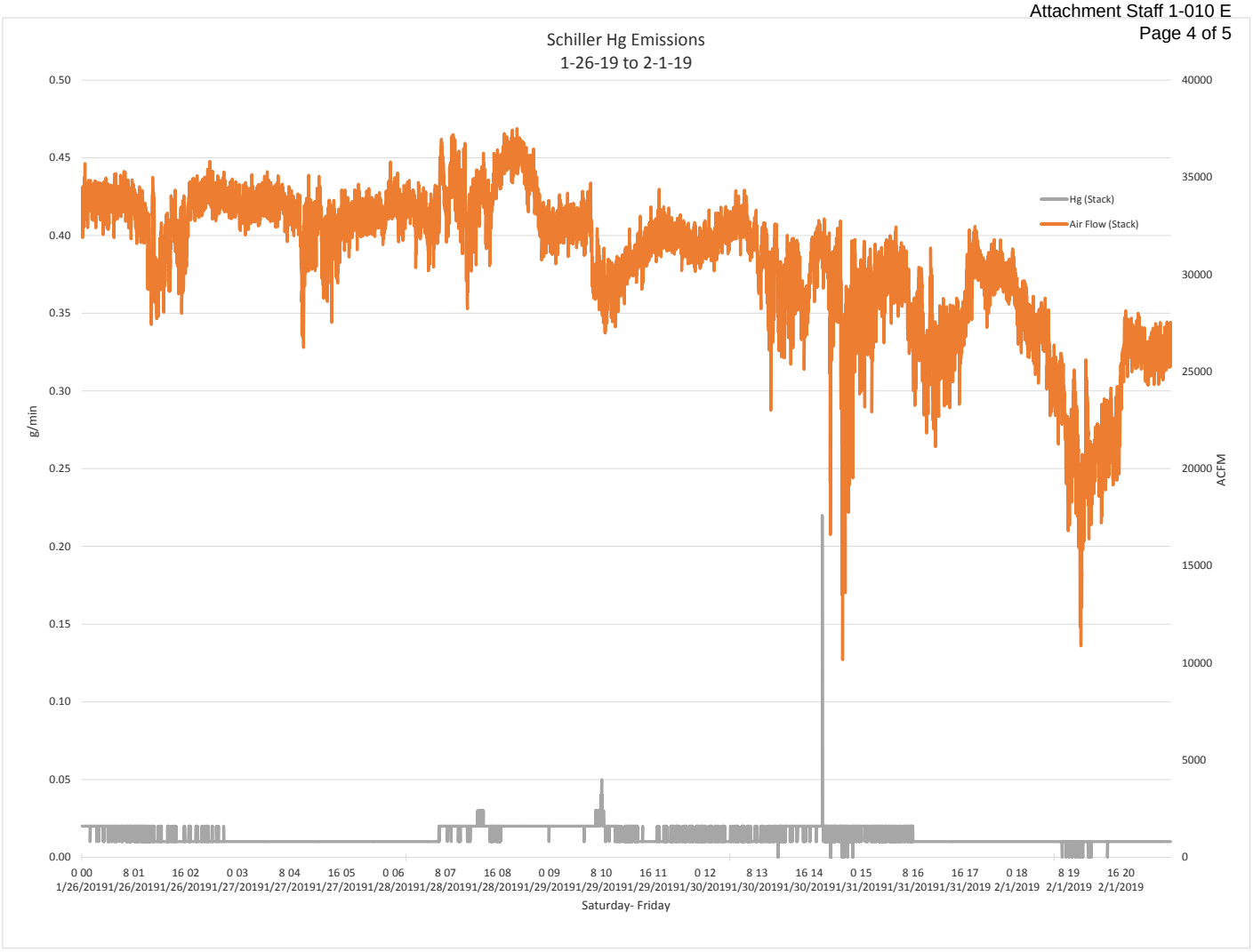

Schiller Hg Emissions
1-5-19 to 1-11-19
g/day
400
350
300
250
200
150
100
50
0
6364
5064
6052
6258
5689
5295
5349
Weekly total Hg Emission =
271.09 g or 0.68 % of allowable
2019 Total Hg Emission =
271.09 g
Total Hg (Stack)
1/5/2019
1/6/2019
1/7/2019
1/8/2019
1/9/2019
1/10/2019
1/11/2019
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

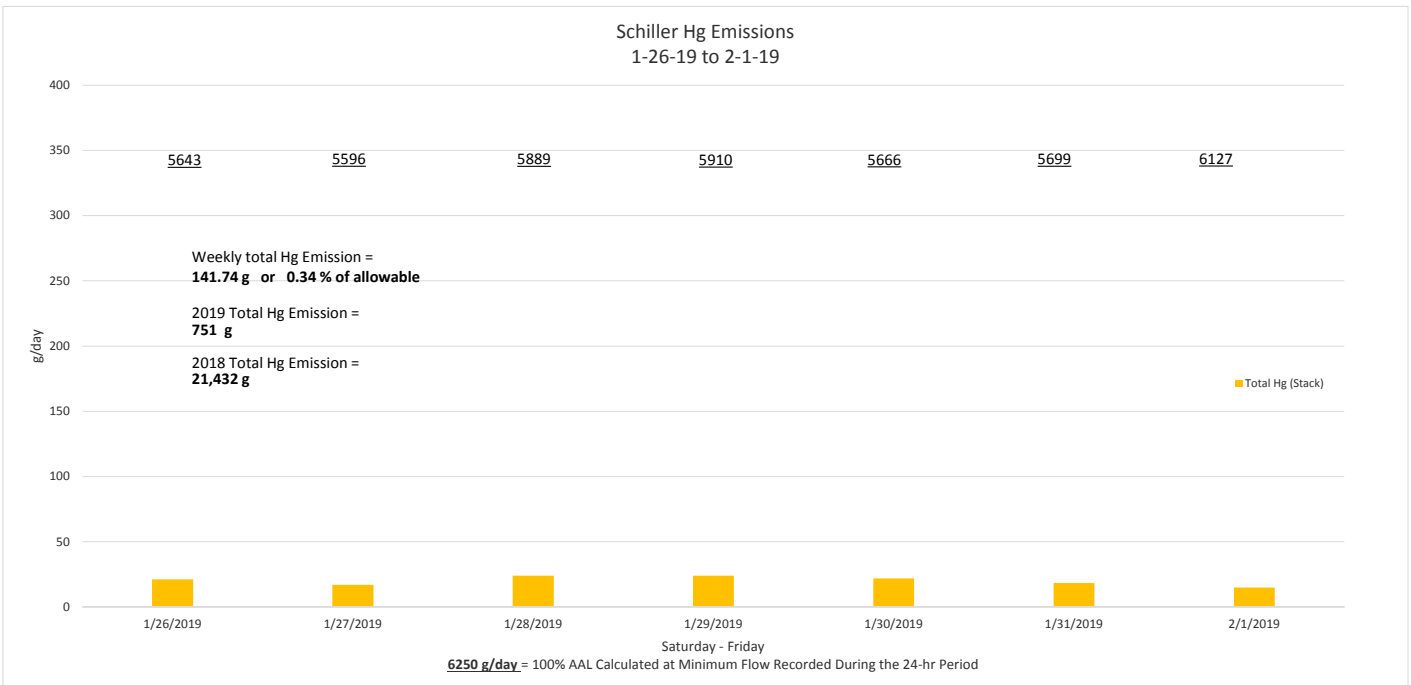

Schiller Hg Emissions
1-12-19 to 1-18-19
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday

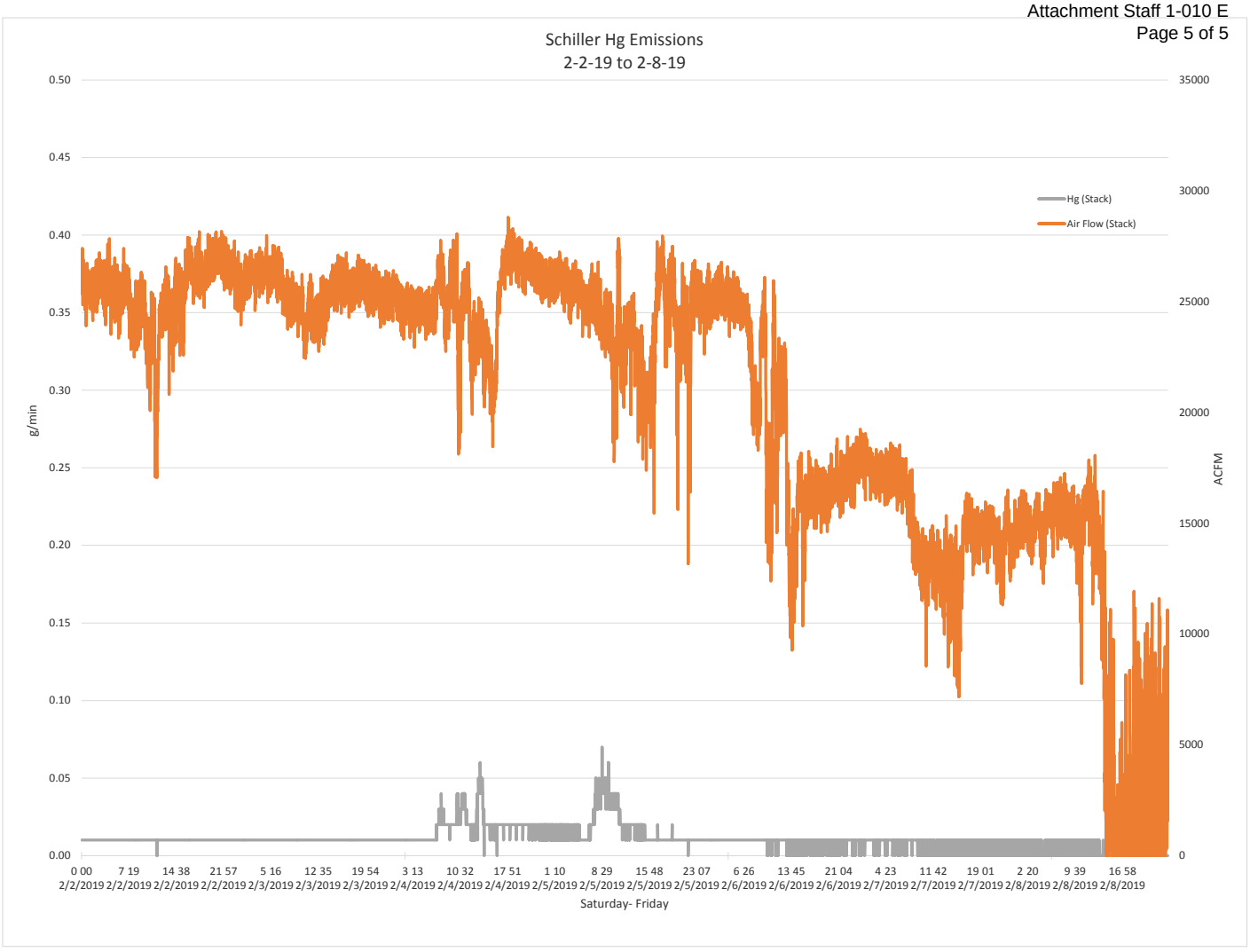

Schiller Hg Emissions
1-12-19 to 1-18-19
g/day
5643
5596
5889
5910
5666
5699
6127
Weekly total Hg Emission =
166.579 g or 0.41 % of allowable
2019 Total Hg Emission =
438 g
Total Hg (Stack)
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period

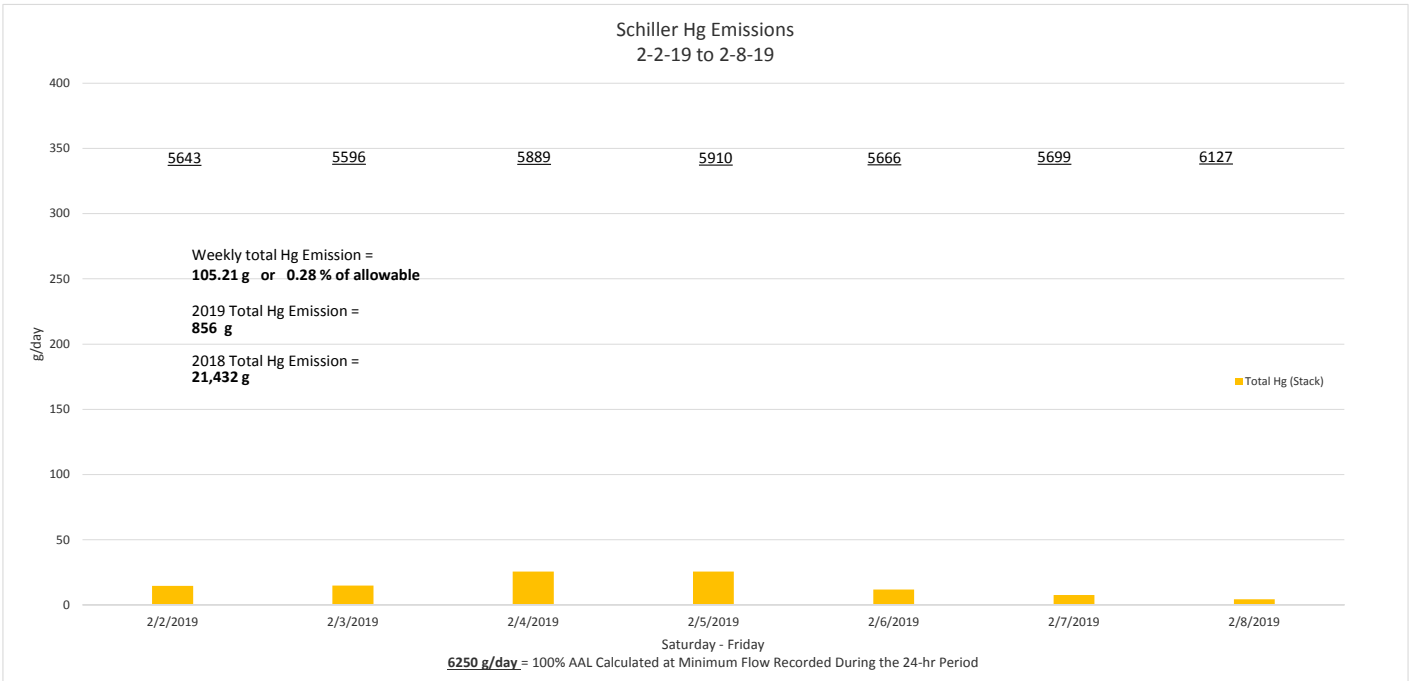

Schiller Hg Emissions
1-19-19 to 1-25-19
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
Sunday - Friday


Schiller Hg Emissions
1-19-19 to 1-25-19
g/day
5643
5596
5889
5910
5666
5699
6127
Weekly total Hg Emission =
170.80 g or 0.42 % of allowable
2019 Total Hg Emission =
609 g
2018 Total Hg Emission =
21,432 g
Total Hg (Stack)
1/19/2019
1/20/2019
1/21/2019
1/22/2019
1/23/2019
1/24/2019
1/25/2019
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller Hg Emissions
1-26-19 to 2-1-19
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
40000
35000
30000
25000
20000
15000
10000
5000
0
0 00 8 01 16 02 0 03 8 04 16 05 0 06 8 07 16 08 0 09 8 10 16 11 0 12 8 13 16 14 0 15 8 16 16 17 0 18 8 19 16 20
1/26/20191/26/20191/26/20191/27/20191/27/20191/27/20191/28/20191/28/20191/28/20191/29/20191/29/20191/29/20191/30/20191/30/20191/30/20191/31/20191/31/20191/31/2019 2/1/2019 2/1/2019 2/1/2019
Saturday- Friday


Schiller Hg Emissions
1-26-19 to 2-1-19
g/day
400
350
300
250
200
150
100
50
0
5643
5596
5889
5910
5666
5699
6127
Weekly total Hg Emission =
141.74 g or 0.34 % of allowable
2019 Total Hg Emission =
751 g
2018 Total Hg Emission =
21,432 g
Total Hg (Stack)
1/26/2019
1/27/2019
1/28/2019
1/29/2019
1/30/2019
1/31/2019
2/1/2019
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period


Schiller Hg Emissions
2-2-19 to 2-8-19
g/min
ACFM
Hg (Stack)
Air Flow (Stack)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
35000
30000
25000
20000
15000
10000
5000
0
0 00 2/2/2019
7 19 2/2/2019
14 38 2/2/2019
21 57 2/2/2019
5 16 2/3/2019
12 35 2/3/2019
19 54 2/3/2019
3 13 2/4/2019
10 32 2/4/2019
17 51 2/4/2019
1 10 2/5/2019
8 29 2/5/2019
15 48 2/5/2019
23 07 2/5/2019
6 26 2/6/2019
13 45 2/6/2019
21 04 2/6/2019
4 23 2/7/2019
11 42 2/7/2019
19 01 2/7/2019
2 20 2/8/2019
9 39 2/8/2019
16 58 2/8/2019
Saturday- Friday


Schiller Hg Emissions
2-2-19 to 2-8-19
g/day
400
350
300
250
200
150
100
50
0
5643
5596
5889
5910
5666
5699
6127
Weekly total Hg Emission =
105.21 g or 0.28 % of allowable
2019 Total Hg Emission =
856 g
2018 Total Hg Emission =
21,432 g
Total Hg (Stack)
2/2/2019
2/3/2019
2/4/2019
2/5/2019
2/6/2019
2/7/2019
2/8/2019
Saturday - Friday
6250 g/day = 100% AAL Calculated at Minimum Flow Recorded During the 24-hr Period