



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	4/13/2023	0.18	µg/m3	Naphthalene	
1	4/13/2023	0.13	µg/m3	1,3-Butadiene	
1	4/13/2023	2.2	µg/m3	Benzene	
1	4/13/2023	13	µg/m3	Toluene	
1	4/13/2023	0.36	µg/m3	n-Hexane	
1BLK	4/13/2023	0.06	µg/m3	Naphthalene	
1BLK	4/13/2023	0.13	µg/m3	1,3-Butadiene	
1BLK	4/13/2023	0.18	µg/m3	Benzene	
1BLK	4/13/2023	0.23	µg/m3	Toluene	
1BLK	4/13/2023	0.21	µg/m3	n-Hexane	
2	4/13/2023	0.07	µg/m3	Naphthalene	
2	4/13/2023	0.13	µg/m3	1,3-Butadiene	
2	4/13/2023	0.75	µg/m3	Benzene	
2	4/13/2023	1.4	µg/m3	Toluene	
2	4/13/2023	0.34	µg/m3	n-Hexane	
3	4/13/2023	0.06	µg/m3	Naphthalene	
3	4/13/2023	0.13	µg/m3	1,3-Butadiene	
3	4/13/2023	0.73	µg/m3	Benzene	
3	4/13/2023	1.1	µg/m3	Toluene	
3	4/13/2023	0.40	µg/m3	n-Hexane	
4	4/13/2023	0.06	µg/m3	Naphthalene	
4	4/13/2023	0.13	µg/m3	1,3-Butadiene	
4	4/13/2023	1.1	µg/m3	Benzene	
4	4/13/2023	2.9	µg/m3	Toluene	
4	4/13/2023	0.35	µg/m3	n-Hexane	
5	4/13/2023	0.06	µg/m3	Naphthalene	
5	4/13/2023	0.13	µg/m3	1,3-Butadiene	
5	4/13/2023	1.4	µg/m3	Benzene	
5	4/13/2023	4.3	µg/m3	Toluene	
5	4/13/2023	0.30	µg/m3	n-Hexane	
6	4/13/2023	0.06	µg/m3	Naphthalene	
6	4/13/2023	0.13	µg/m3	1,3-Butadiene	
6	4/13/2023	1.6	µg/m3	Benzene	
6	4/13/2023	5.1	µg/m3	Toluene	
6	4/13/2023	0.27	µg/m3	n-Hexane	
7	4/13/2023	0.08	µg/m3	Naphthalene	
7	4/13/2023	0.13	µg/m3	1,3-Butadiene	
7	4/13/2023	1.6	µg/m3	Benzene	
7	4/13/2023	4.7	µg/m3	Toluene	
7	4/13/2023	0.30	µg/m3	n-Hexane	
8	4/13/2023	0.06	µg/m3	Naphthalene	
8	4/13/2023	0.13	µg/m3	1,3-Butadiene	
8	4/13/2023	1.1	µg/m3	Benzene	
8	4/13/2023	1.7	µg/m3	Toluene	
8	4/13/2023	0.36	µg/m3	n-Hexane	
9	4/13/2023	0.13	µg/m3	Naphthalene	
9	4/13/2023	0.13	µg/m3	1,3-Butadiene	
9	4/13/2023	2.4	µg/m3	Benzene	
9	4/13/2023	2.2	µg/m3	Toluene	

9	4/13/2023	0.34	µg/m3	n-Hexane	
10	4/13/2023	0.41	µg/m3	Naphthalene	
10	4/13/2023	0.13	µg/m3	1,3-Butadiene	
10	4/13/2023	8.8	µg/m3	Benzene	
10	4/13/2023	32	µg/m3	Toluene	
10	4/13/2023	0.34	µg/m3	n-Hexane	
11	4/13/2023	1.0	µg/m3	Naphthalene	
11	4/13/2023	0.38	µg/m3	1,3-Butadiene	
11	4/13/2023	22	µg/m3	Benzene	* See Field Investigation Below
11	4/13/2023	86	µg/m3	Toluene	
11	4/13/2023	0.64	µg/m3	n-Hexane	
11DUP	4/13/2023	0.90	µg/m3	Naphthalene	
11DUP	4/13/2023	0.38	µg/m3	1,3-Butadiene	
11DUP	4/13/2023	23	µg/m3	Benzene	* See Field Investigation Below
11DUP	4/13/2023	89	µg/m3	Toluene	
11DUP	4/13/2023	0.64	µg/m3	n-Hexane	
12	4/13/2023	0.22	µg/m3	Naphthalene	
12	4/13/2023	0.38	µg/m3	1,3-Butadiene	
12	4/13/2023	47	µg/m3	Benzene	* See Field Investigation Below
12	4/13/2023	24	µg/m3	Toluene	
12	4/13/2023	0.64	µg/m3	n-Hexane	
12BLK	4/13/2023	0.06	µg/m3	Naphthalene	
12BLK	4/13/2023	0.13	µg/m3	1,3-Butadiene	
12BLK	4/13/2023	0.18	µg/m3	Benzene	
12BLK	4/13/2023	0.23	µg/m3	Toluene	
12BLK	4/13/2023	0.21	µg/m3	n-Hexane	
13	4/13/2023	0.06	µg/m3	Naphthalene	
13	4/13/2023	0.13	µg/m3	1,3-Butadiene	
13	4/13/2023	3.9	µg/m3	Benzene	
13	4/13/2023	1.2	µg/m3	Toluene	
13	4/13/2023	0.26	µg/m3	n-Hexane	
14	4/13/2023	2.2	µg/m3	Naphthalene	
14	4/13/2023	0.45	µg/m3	1,3-Butadiene	
14	4/13/2023	19	µg/m3	Benzene	* See Field Investigation Below
14	4/13/2023	63	µg/m3	Toluene	
14	4/13/2023	0.64	µg/m3	n-Hexane	
14DUP	4/13/2023	2.1	µg/m3	Naphthalene	
14DUP	4/13/2023	0.45	µg/m3	1,3-Butadiene	
14DUP	4/13/2023	18	µg/m3	Benzene	* See Field Investigation Below
14DUP	4/13/2023	60	µg/m3	Toluene	
14DUP	4/13/2023	0.64	µg/m3	n-Hexane	
15	4/13/2023	6.2	µg/m3	Naphthalene	
15	4/13/2023	2.2	µg/m3	1,3-Butadiene	
15	4/13/2023	110	µg/m3	Benzene	* See Field Investigation Below
15	4/13/2023	500	µg/m3	Toluene	
15	4/13/2023	0.64	µg/m3	n-Hexane	
16	4/13/2023	1.7	µg/m3	Naphthalene	
16	4/13/2023	0.64	µg/m3	1,3-Butadiene	
16	4/13/2023	31	µg/m3	Benzene	* See Field Investigation Below
16	4/13/2023	140	µg/m3	Toluene	
16	4/13/2023	0.64	µg/m3	n-Hexane	
17	4/13/2023	0.95	µg/m3	Naphthalene	
17	4/13/2023	0.39	µg/m3	1,3-Butadiene	
17	4/13/2023	16	µg/m3	Benzene	* See Field Investigation Below
17	4/13/2023	84	µg/m3	Toluene	

17	4/13/2023	0.64	µg/m3	n-Hexane	
18	4/13/2023	0.74	µg/m3	Naphthalene	
18	4/13/2023	0.38	µg/m3	1,3-Butadiene	
18	4/13/2023	15	µg/m3	Benzene	* See Field Investigation Below
18	4/13/2023	75	µg/m3	Toluene	
18	4/13/2023	0.64	µg/m3	n-Hexane	
19	4/13/2023	1.0	µg/m3	Naphthalene	
19	4/13/2023	0.38	µg/m3	1,3-Butadiene	
19	4/13/2023	14	µg/m3	Benzene	* See Field Investigation Below
19	4/13/2023	89	µg/m3	Toluene	
19	4/13/2023	0.64	µg/m3	n-Hexane	
20	4/13/2023	0.81	µg/m3	Naphthalene	
20	4/13/2023	0.38	µg/m3	1,3-Butadiene	
20	4/13/2023	10	µg/m3	Benzene	* See Field Investigation Below
20	4/13/2023	66	µg/m3	Toluene	
20	4/13/2023	0.64	µg/m3	n-Hexane	

High Benzene Reading µg/m3:	110
High Benzene Reading ppmv:	0.03443
Low Benzene Reading µg/m3:	0.73
Benzene Action Level µg/m3:	9.0
Action Threshold Exceeded (Y/N):	Y

* Field Investigation	On the afternoon of April 11th, the site was de-inventorying in preparation for repair work, and excess free hydrocarbon was sent to the biotreaters from one of the wastewater tanks due to a level issue. The cause is understood and has been addressed and solutions are being implemented.
* Note	The micrograms per cubic meter is accurate. When converting this reading into parts per million volume (ppmv) there was a conversion error. The corrected ppmv information was posted on 04/25/2023.