



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	2/15/2023	0.08	µg/m3	Naphthalene	
1	2/15/2023	0.14	µg/m3	1,3-Butadiene	
1	2/15/2023	0.71	µg/m3	Benzene	
1	2/15/2023	0.74	µg/m3	Toluene	
1	2/15/2023	0.48	µg/m3	n-Hexane	
1BLK	2/15/2023	0.07	µg/m3	Naphthalene	
1BLK	2/15/2023	0.14	µg/m3	1,3-Butadiene	
1BLK	2/15/2023	0.19	µg/m3	Benzene	
1BLK	2/15/2023	0.25	µg/m3	Toluene	
1BLK	2/15/2023	0.23	µg/m3	n-Hexane	
2	2/15/2023	0.07	µg/m3	Naphthalene	
2	2/15/2023	0.14	µg/m3	1,3-Butadiene	
2	2/15/2023	0.85	µg/m3	Benzene	
2	2/15/2023	0.69	µg/m3	Toluene	
2	2/15/2023	0.53	µg/m3	n-Hexane	
3	2/15/2023	0.07	µg/m3	Naphthalene	
3	2/15/2023	0.14	µg/m3	1,3-Butadiene	
3	2/15/2023	0.65	µg/m3	Benzene	
3	2/15/2023	0.62	µg/m3	Toluene	
3	2/15/2023	0.42	µg/m3	n-Hexane	
4	2/15/2023	0.07	µg/m3	Naphthalene	
4	2/15/2023	0.14	µg/m3	1,3-Butadiene	
4	2/15/2023	0.66	µg/m3	Benzene	
4	2/15/2023	0.6	µg/m3	Toluene	
4	2/15/2023	0.37	µg/m3	n-Hexane	
5	2/15/2023	0.07	µg/m3	Naphthalene	
5	2/15/2023	0.14	µg/m3	1,3-Butadiene	
5	2/15/2023	0.72	µg/m3	Benzene	
5	2/15/2023	0.59	µg/m3	Toluene	
5	2/15/2023	0.4	µg/m3	n-Hexane	
6	2/15/2023	0.07	µg/m3	Naphthalene	
6	2/15/2023	0.14	µg/m3	1,3-Butadiene	
6	2/15/2023	0.6	µg/m3	Benzene	
6	2/15/2023	0.58	µg/m3	Toluene	
6	2/15/2023	0.37	µg/m3	n-Hexane	
7	2/15/2023	0.07	µg/m3	Naphthalene	
7	2/15/2023	0.14	µg/m3	1,3-Butadiene	
7	2/15/2023	0.78	µg/m3	Benzene	
7	2/15/2023	0.95	µg/m3	Toluene	
7	2/15/2023	0.43	µg/m3	n-Hexane	
8	2/15/2023	0.07	µg/m3	Naphthalene	
8	2/15/2023	0.14	µg/m3	1,3-Butadiene	
8	2/15/2023	0.72	µg/m3	Benzene	
8	2/15/2023	0.83	µg/m3	Toluene	
8	2/15/2023	0.42	µg/m3	n-Hexane	
9	2/15/2023	0.08	µg/m3	Naphthalene	
9	2/15/2023	0.14	µg/m3	1,3-Butadiene	
9	2/15/2023	0.65	µg/m3	Benzene	
9	2/15/2023	0.68	µg/m3	Toluene	

9	2/15/2023	0.38	µg/m3	n-Hexane	
10	2/15/2023	0.07	µg/m3	Naphthalene	
10	2/15/2023	0.14	µg/m3	1,3-Butadiene	
10	2/15/2023	1.8	µg/m3	Benzene	
10	2/15/2023	1.8	µg/m3	Toluene	
10	2/15/2023	0.7	µg/m3	n-Hexane	
11	2/15/2023	0.07	µg/m3	Naphthalene	
11	2/15/2023	0.14	µg/m3	1,3-Butadiene	
11	2/15/2023	5.7	µg/m3	Benzene	
11	2/15/2023	4.7	µg/m3	Toluene	
11	2/15/2023	0.35	µg/m3	n-Hexane	
11DUP	2/15/2023	0.08	µg/m3	Naphthalene	
11DUP	2/15/2023	0.14	µg/m3	1,3-Butadiene	
11DUP	2/15/2023	5.8	µg/m3	Benzene	
11DUP	2/15/2023	4.8	µg/m3	Toluene	
11DUP	2/15/2023	0.36	µg/m3	n-Hexane	
12	2/15/2023	0.13	µg/m3	Naphthalene	
12	2/15/2023	0.47	µg/m3	1,3-Butadiene	
12	2/15/2023	35	µg/m3	Benzene	* See Field Investigation Below
12	2/15/2023	30	µg/m3	Toluene	
12	2/15/2023	0.34	µg/m3	n-Hexane	
12BLK	2/15/2023	0.07	µg/m3	Naphthalene	
12BLK	2/15/2023	0.14	µg/m3	1,3-Butadiene	
12BLK	2/15/2023	0.19	µg/m3	Benzene	
12BLK	2/15/2023	0.25	µg/m3	Toluene	
12BLK	2/15/2023	0.23	µg/m3	n-Hexane	
13	2/15/2023	0.07	µg/m3	Naphthalene	
13	2/15/2023	0.14	µg/m3	1,3-Butadiene	
13	2/15/2023	0.71	µg/m3	Benzene	
13	2/15/2023	0.68	µg/m3	Toluene	
13	2/15/2023	0.34	µg/m3	n-Hexane	
14	2/15/2023	0.07	µg/m3	Naphthalene	
14	2/15/2023	0.14	µg/m3	1,3-Butadiene	
14	2/15/2023	0.96	µg/m3	Benzene	
14	2/15/2023	0.87	µg/m3	Toluene	
14	2/15/2023	0.35	µg/m3	n-Hexane	
14DUP	2/15/2023	0.08	µg/m3	Naphthalene	
14DUP	2/15/2023	0.14	µg/m3	1,3-Butadiene	
14DUP	2/15/2023	0.8	µg/m3	Benzene	
14DUP	2/15/2023	0.81	µg/m3	Toluene	
14DUP	2/15/2023	0.33	µg/m3	n-Hexane	
15	2/15/2023	0.08	µg/m3	Naphthalene	
15	2/15/2023	0.14	µg/m3	1,3-Butadiene	
15	2/15/2023	4	µg/m3	Benzene	
15	2/15/2023	3.8	µg/m3	Toluene	
15	2/15/2023	0.33	µg/m3	n-Hexane	
16	2/15/2023	0.08	µg/m3	Naphthalene	
16	2/15/2023	0.16	µg/m3	1,3-Butadiene	
16	2/15/2023	1.9	µg/m3	Benzene	
16	2/15/2023	1.9	µg/m3	Toluene	
16	2/15/2023	0.37	µg/m3	n-Hexane	
17	2/15/2023	0.08	µg/m3	Naphthalene	
17	2/15/2023	0.14	µg/m3	1,3-Butadiene	
17	2/15/2023	1.2	µg/m3	Benzene	
17	2/15/2023	1.2	µg/m3	Toluene	

17	2/15/2023	0.34	µg/m3	n-Hexane	
18	2/15/2023	0.08	µg/m3	Naphthalene	
18	2/15/2023	0.14	µg/m3	1,3-Butadiene	
18	2/15/2023	1.2	µg/m3	Benzene	
18	2/15/2023	1.1	µg/m3	Toluene	
18	2/15/2023	0.38	µg/m3	n-Hexane	
19	2/15/2023	0.07	µg/m3	Naphthalene	
19	2/15/2023	0.14	µg/m3	1,3-Butadiene	
19	2/15/2023	0.88	µg/m3	Benzene	
19	2/15/2023	0.88	µg/m3	Toluene	
19	2/15/2023	0.44	µg/m3	n-Hexane	
20	2/15/2023	0.09	µg/m3	Naphthalene	
20	2/15/2023	0.14	µg/m3	1,3-Butadiene	
20	2/15/2023	0.72	µg/m3	Benzene	
20	2/15/2023	1.2	µg/m3	Toluene	
20	2/15/2023	0.92	µg/m3	n-Hexane	

High Benzene Reading µg/m3:	35
High Benzene Reading ppmv:	0.01096
Low Benzene Reading µg/m3:	0.60
Benzene Action Level µg/m3:	9.0
Action Threshold Exceeded (Y/N):	Y

* Field Investigation	Benzene was detected above the Action Level of 9 µg/m3, in the biotreater area. This area is in the upwind direction, and benzene was not detected above the Action Level in any of the downwind sample locations. Corrective action to the biotreater system has been 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 04/27/2023.