PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	10/11/2022	0.15	µg/m3	1,3-Butadiene	
1	10/11/2022	0.37	µg/m3	Benzene	
1	10/11/2022	0.45	µg/m3	Toluene	
1	10/11/2022	0.24	µg/m3	Hexane	
1	10/11/2022	0.07	µg/m3	Naphthalene	
1BLK	10/11/2022	0.07	µg/m3	Naphthalene	
1BLK	10/11/2022	0.15	µg/m3	1,3-Butadiene	
1BLK	10/11/2022	0.20	µg/m3	Benzene	
1BLK	10/11/2022	0.26	µg/m3	Toluene	
1BLK	10/11/2022	0.24	µg/m3	Hexane	
2	10/11/2022	0.15	µg/m3	1,3-Butadiene	
2	10/11/2022	0.39	µg/m3	Benzene	
2	10/11/2022	0.40	µg/m3	Toluene	
2	10/11/2022	0.24	µg/m3	Hexane	
2	10/11/2022	0.07	µg/m3	Naphthalene	
3	10/11/2022	0.07	µg/m3	Naphthalene	
3	10/11/2022	0.15	µg/m3	1,3-Butadiene	
3	10/11/2022	0.33	µg/m3	Benzene	
3	10/11/2022	0.41	µg/m3	Toluene	
3	10/11/2022	0.24	µg/m3	Hexane	
4	10/11/2022	0.15	µg/m3	1,3-Butadiene	
4	10/11/2022	0.35	µg/m3	Benzene	
4	10/11/2022	0.41	µg/m3	Toluene	
4	10/11/2022	0.24	µg/m3	Hexane	
4	10/11/2022	0.07	µg/m3	Naphthalene	
5	10/11/2022	0.07	µg/m3	Naphthalene	
5	10/11/2022	0.15	µg/m3	1,3-Butadiene	
5	10/11/2022	0.34	µg/m3	Benzene	
5	10/11/2022	0.42	µg/m3	Toluene	
5	10/11/2022	0.24	µg/m3	Hexane	
6	10/11/2022	0.07	µg/m3	Naphthalene	
6	10/11/2022	0.15	µg/m3	1,3-Butadiene	
6	10/11/2022	0.37	µg/m3	Benzene	
6	10/11/2022	0.42	µg/m3	Toluene	
6	10/11/2022	0.24	µg/m3	Hexane	
7	10/11/2022	0.07	µg/m3	Naphthalene	
7	10/11/2022	0.18	µg/m3	1,3-Butadiene	
7	10/11/2022	0.65	µg/m3	Benzene	
7	10/11/2022	0.73	µg/m3	Toluene	
7	10/11/2022	0.27	µg/m3	Hexane	
8	10/11/2022	0.23	µg/m3	1,3-Butadiene	
8	10/11/2022	0.65	µg/m3	Benzene	
8	10/11/2022	0.93	µg/m3	Toluene	
8	10/11/2022	0.38	µg/m3	Hexane	
8	10/11/2022	0.07	µg/m3	Naphthalene	
9	10/11/2022	0.52	µg/m3	1,3-Butadiene	
9	10/11/2022	0.44	µg/m3	Benzene	
9	10/11/2022	0.35	µg/m3	Toluene	
9	10/11/2022	0.24	µg/m3	Hexane	

9	10/11/2022	0.07	µg/m3	Naphthalene	
10	10/11/2022	0.54	µg/m3	1,3-Butadiene	
10	10/11/2022	0.55	µg/m3	Benzene	
10	10/11/2022	0.45	µg/m3	Toluene	
10	10/11/2022	0.24	µg/m3	Hexane	
10	10/11/2022	0.07	µg/m3	Naphthalene	
11	10/11/2022	0.07	µg/m3	Naphthalene	
11	10/11/2022	2.5	µg/m3	1,3-Butadiene	
11	10/11/2022	1.1	µg/m3	Benzene	
11	10/11/2022	0.37	µg/m3	Toluene	
11	10/11/2022	0.24	µg/m3	Hexane	
11DUP	10/11/2022	0.07	µg/m3	Naphthalene	
11DUP	10/11/2022	2.7	µg/m3	1,3-Butadiene	
11DUP	10/11/2022	1.1	µg/m3	Benzene	
11DUP	10/11/2022	0.36	µg/m3	Toluene	
11DUP	10/11/2022	0.24	µg/m3	Hexane	
12	10/11/2022	8.5	µg/m3	1,3-Butadiene	
12	10/11/2022	180	µg/m3	Benzene	*See Note Below
12	10/11/2022	45	µg/m3	Toluene	
12	10/11/2022	0.24	µg/m3	Hexane	
12	10/11/2022	0.5	µg/m3	Naphthalene	
12BLK	10/11/2022	0.07	µg/m3	Naphthalene	
12BLK	10/11/2022	0.15	µg/m3	1,3-Butadiene	
12BLK	10/11/2022	0.20	µg/m3	Benzene	
12BLK	10/11/2022	0.26	µg/m3	Toluene	
12BLK	10/11/2022	0.24	µg/m3	Hexane	
13	10/11/2022	0.07	µg/m3	Naphthalene	
13	10/11/2022	0.15	µg/m3	1,3-Butadiene	
13	10/11/2022	0.76	µg/m3	Benzene	
13	10/11/2022	0.34	µg/m3	Toluene	
13	10/11/2022	0.24	µg/m3	Hexane	
14	10/11/2022	0.15	µg/m3	1,3-Butadiene	
14	10/11/2022	0.62	µg/m3	Benzene	
14	10/11/2022	0.37	µg/m3	Toluene	
14	10/11/2022	0.24	µg/m3	Hexane	
14	10/11/2022	0.07	µg/m3	Naphthalene	
14DUP	10/11/2022	0.07	µg/m3	Naphthalene	
14DUP	10/11/2022	0.15	µg/m3	1,3-Butadiene	
14DUP	10/11/2022	0.57	µg/m3	Benzene	
14DUP	10/11/2022	0.32	µg/m3	Toluene	
14DUP	10/11/2022	0.24	µg/m3	Hexane	
15	10/11/2022	0.15	µg/m3	1,3-Butadiene	
15	10/11/2022	1.2	µg/m3	Benzene	
15	10/11/2022	0.40	µg/m3	Toluene	
15	10/11/2022	0.24	µg/m3	Hexane	
15	10/11/2022	0.07	µg/m3	Naphthalene	
16	10/11/2022	0.07	µg/m3	Naphthalene	
16	10/11/2022	0.28	µg/m3	1,3-Butadiene	
16	10/11/2022	0.93	µg/m3	Benzene	
16	10/11/2022	0.42	µg/m3	Toluene	
16	10/11/2022	0.24	µg/m3	Hexane	
17	10/11/2022	0.07	µg/m3	Naphthalene	
17	10/11/2022	0.15	µg/m3	1,3-Butadiene	
17	10/11/2022	1.3	µg/m3	Benzene	
17	10/11/2022	0.45	µg/m3	Toluene	

17	10/11/2022	0.24	µg/m3	Hexane	
18	10/11/2022	0.07	µg/m3	Naphthalene	
18	10/11/2022	0.15	µg/m3	1,3-Butadiene	
18	10/11/2022	0.54	µg/m3	Benzene	
18	10/11/2022	0.35	µg/m3	Toluene	
18	10/11/2022	0.24	µg/m3	Hexane	
19	10/11/2022	0.07	µg/m3	Naphthalene	
19	10/11/2022	0.15	µg/m3	1,3-Butadiene	
19	10/11/2022	0.46	µg/m3	Benzene	
19	10/11/2022	0.36	µg/m3	Toluene	
19	10/11/2022	0.24	µg/m3	Hexane	
20	10/11/2022	0.15	µg/m3	1,3-Butadiene	
20	10/11/2022	0.44	µg/m3	Benzene	
20	10/11/2022	0.59	µg/m3	Toluene	
20	10/11/2022	0.30	µg/m3	Hexane	
20	10/11/2022	0.07	µg/m3	Naphthalene	

High Benzene Reading:	180	µg/m3
Low Benzene Reading:	0.20	µg/m3
Benzene Action Level (goes into effect 2/1/23):	9.0	µg/m3
Action Threshold Exceeded (Y/N):	Y	

Note:	* Elevated benzene was detected above the Action Level of 9 µg/m3 due to poor hydrocarbon separation which allowed light gasoline oil to come in contact with ambient air within the Waste Water Treatment Plant area. The area of this detection is in the upwind direction of the overall site and shows it was not detected above the Action Level in the downwind direction offsite. This was an isolated event and the only time the Action Level was exceeded, was localized within the Waste Water Treatment Plant area, and only detected at the PAMS 12 location. The benzene Action Levels will be implemented 2/1/23 and are not in effect as of this date.