



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.17	0.28	0	0	0.23

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
12/13/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	12/13/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	12/13/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	12/13/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	75	0.0004	0.3574	0:00	84	0.0155	15.5092	0:00	N/A	0	0	0:00	58	0.0031	3.0540	
0:15	75	0.0004	0.4041	0:15	84	0.0142	14.2487	0:15	N/A	0	0	0:15	58	0.0043	4.3309	
0:30	75	0.0001	0.1122	0:30	84	0.0087	8.7173	0:30	N/A	0	0	0:30	58	0.0002	0.1935	
0:45	75	0.0005	0.5031	0:45	84	0.0086	8.5933	0:45	N/A	0	0	0:45	58	0.0042	4.2340	
1:00	75	0.0005	0.5423	1:00	84	0.0090	8.9674	1:00	N/A	0	0	1:00	58	0.0016	1.6328	
1:15	75	0.0005	0.4598	1:15	84	0.0090	9.0496	1:15	N/A	0	0	1:15	58	0.0054	5.4205	
1:30	75	0.0006	0.6251	1:30	84	0.0066	6.5521	1:30	N/A	0	0	1:30	58	0.0058	5.7923	
1:45	75	0.0003	0.2559	1:45	84	0.0028	2.8202	1:45	N/A	0	0	1:45	58	0.0001	0.1345	
2:00	75	0.0000	0.0000	2:00	84	0.0006	0.5566	2:00	N/A	0	0	2:00	58	0.0000	0.0000	
2:15	75	0.0000	0.0000	2:15	84	0.0000	0.0000	2:15	N/A	0	0	2:15	58	0.0000	0.0024	
2:30	75	0.0001	0.1453	2:30	84	0.0008	0.7510	2:30	N/A	0	0	2:30	58	0.0026	2.5755	
2:45	75	0.0001	0.0802	2:45	84	0.0004	0.4144	2:45	N/A	0	0	2:45	58	0.0001	0.0611	
3:00	75	0.0000	0.0000	3:00	84	0.0000	0.0000	3:00	N/A	0	0	3:00	58	0.0000	0.0000	
3:15	75	0.0000	0.0000	3:15	84	0.0005	0.5312	3:15	N/A	0	0	3:15	58	0.0000	0.0000	
3:30	75	0.0000	0.0466	3:30	84	0.0021	2.0823	3:30	N/A	0	0	3:30	58	0.0045	4.5201	
3:45	75	0.0000	0.0455	3:45	84	0.0019	1.9393	3:45	N/A	0	0	3:45	58	0.0040	4.0015	
4:00	75	0.0001	0.0810	4:00	84	0.0011	1.1456	4:00	N/A	0	0	4:00	58	0.0014	1.4099	
4:15	75	0.0005	0.4910	4:15	84	0.0005	0.4630	4:15	N/A	0	0	4:15	58	0.0001	0.1037	
4:30	75	0.0003	0.2950	4:30	84	0.0008	0.7643	4:30	N/A	0	0	4:30	58	0.0012	1.2128	
4:45	75	0.0000	0.0000	4:45	84	0.0006	0.5586	4:45	N/A	0	0	4:45	58	0.0001	0.1184	
5:00	75	0.0001	0.1476	5:00	84	0.0015	1.5370	5:00	N/A	0	0	5:00	58	0.0020	1.9997	
5:15	75	0.0001	0.0814	5:15	84	0.0015	1.4704	5:15	N/A	0	0	5:15	58	0.0015	1.4591	
5:30	75	0.0000	0.0000	5:30	84	0.0000	0.0000	5:30	N/A	0	0	5:30	58	0.0002	0.2009	
5:45	75	0.0000	0.0000	5:45	84	0.0000	0.0000	5:45	N/A	0	0	5:45	58	0.0000	0.0000	

6:00	75	0.0000	0.0000	6:00	84	0.0000	0.0000	6:00	N/A	0	0	6:00	58	0.0000	0.0000
6:15	75	0.0000	0.0000	6:15	84	0.0000	0.0000	6:15	N/A	0	0	6:15	58	0.0000	0.0000
6:30	75	0.0000	0.0000	6:30	84	0.0000	0.0000	6:30	N/A	0	0	6:30	58	0.0000	0.0000
6:45	75	0.0000	0.0000	6:45	84	0.0000	0.0000	6:45	N/A	0	0	6:45	58	0.0001	0.0669
7:00	75	0.0000	0.0000	7:00	84	0.0000	0.0000	7:00	N/A	0	0	7:00	58	0.0000	0.0176
7:15	75	0.0000	0.0000	7:15	84	0.0000	0.0000	7:15	N/A	0	0	7:15	58	0.0000	0.0000
7:30	75	0.0000	0.0000	7:30	84	0.0000	0.0000	7:30	N/A	0	0	7:30	58	0.0000	0.0000
7:45	75	0.0000	0.0000	7:45	84	0.0000	0.0000	7:45	N/A	0	0	7:45	58	0.0005	0.4932
8:00	75	0.0000	0.0000	8:00	84	0.0000	0.0000	8:00	N/A	0	0	8:00	58	0.0008	0.8050
8:15	75	0.0000	0.0000	8:15	84	0.0000	0.0000	8:15	N/A	0	0	8:15	58	0.0006	0.5769
8:30	75	0.0000	0.0000	8:30	84	0.0000	0.0000	8:30	N/A	0	0	8:30	58	0.0001	0.0832
8:45	75	0.0007	0.6989	8:45	84	0.0017	1.6681	8:45	N/A	0	0	8:45	58	0.0030	3.0345
9:00	75	0.0021	2.0806	9:00	84	0.0034	3.3760	9:00	N/A	0	0	9:00	58	0.0047	4.6900
9:15	75	0.0030	2.9771	9:15	84	0.0037	3.6761	9:15	N/A	0	0	9:15	58	0.0056	5.5673
9:30	75	0.0049	4.9335	9:30	84	0.0074	7.3792	9:30	N/A	0	0	9:30	58	0.0072	7.1566
9:45	75	0.0068	6.8452	9:45	84	0.0086	8.6033	9:45	N/A	0	0	9:45	58	0.0069	6.8817
10:00	75	0.0071	7.1467	10:00	84	0.0101	10.1478	10:00	N/A	0	0	10:00	58	0.0062	6.2276
10:15	75	0.0072	7.1799	10:15	84	0.0121	12.0962	10:15	N/A	0	0	10:15	58	0.0054	5.3972
10:30	75	0.0067	6.6870	10:30	84	0.0131	13.0754	10:30	N/A	0	0	10:30	58	0.0042	4.2402
10:45	75	0.0062	6.1561	10:45	84	0.0121	12.0936	10:45	N/A	0	0	10:45	58	0.0033	3.3092
11:00	75	0.0060	5.9929	11:00	84	0.0116	11.5641	11:00	N/A	0	0	11:00	58	0.0029	2.9148
11:15	75	0.0060	6.0456	11:15	84	0.0090	9.0023	11:15	N/A	0	0	11:15	58	0.0030	2.9614
11:30	75	0.0057	5.6924	11:30	84	0.0063	6.3438	11:30	N/A	0	0	11:30	58	0.0020	1.9653
11:45	75	0.0046	4.6342	11:45	84	0.0044	4.3967	11:45	N/A	0	0	11:45	58	0.0007	0.6984
12:00	75	0.0037	3.7099	12:00	84	0.0029	2.9330	12:00	N/A	0	0	12:00	58	0.0129	12.9131
12:15	75	0.0035	3.4505	12:15	84	0.0012	1.2421	12:15	N/A	0	0	12:15	58	0.0226	22.5997
12:30	75	0.0028	2.7778	12:30	84	0.0004	0.3638	12:30	N/A	0	0	12:30	58	0.0163	16.3091
12:45	75	0.0013	1.2617	12:45	84	0.0000	0.0000	12:45	N/A	0	0	12:45	58	0.0090	8.9640
13:00	75	0.0006	0.5780	13:00	84	0.0000	0.0000	13:00	N/A	0	0	13:00	58	0.0040	4.0314
13:15	75	0.0006	0.6112	13:15	84	0.0002	0.1529	13:15	N/A	0	0	13:15	58	0.0039	3.8944
13:30	75	0.0022	2.2196	13:30	84	0.0009	0.9470	13:30	N/A	0	0	13:30	58	0.0054	5.3614
13:45	75	0.0042	4.1538	13:45	84	0.0015	1.4657	13:45	N/A	0	0	13:45	58	0.0046	4.5700
14:00	75	0.0035	3.5442	14:00	84	0.0001	0.1321	14:00	N/A	0	0	14:00	58	0.0034	3.4248
14:15	75	0.0035	3.4986	14:15	84	0.0005	0.4778	14:15	N/A	0	0	14:15	58	0.0027	2.6793
14:30	75	0.0026	2.5570	14:30	84	0.0002	0.1718	14:30	N/A	0	0	14:30	58	0.0038	3.7946
14:45	75	0.0032	3.1886	14:45	84	0.0001	0.1063	14:45	N/A	0	0	14:45	58	0.0043	4.3071
15:00	75	0.0036	3.5659	15:00	84	0.0001	0.1235	15:00	N/A	0	0	15:00	58	0.0027	2.7319
15:15	75	0.0040	4.0253	15:15	84	0.0000	0.0000	15:15	N/A	0	0	15:15	58	0.0014	1.4207
15:30	75	0.0037	3.7392	15:30	84	0.0000	0.0000	15:30	N/A	0	0	15:30	58	0.0013	1.2592
15:45	75	0.0030	2.9792	15:45	84	0.0000	0.0000	15:45	N/A	0	0	15:45	58	0.0017	1.7092
16:00	75	0.0025	2.5361	16:00	84	0.0000	0.0000	16:00	N/A	0	0	16:00	58	0.0019	1.8837
16:15	75	0.0023	2.2693	16:15	84	0.0000	0.0000	16:15	N/A	0	0	16:15	58	0.0015	1.5059
16:30	75	0.0039	3.8795	16:30	84	0.0000	0.0087	16:30	N/A	0	0	16:30	58	0.0012	1.2112
16:45	75	0.0034	3.3609	16:45	84	0.0001	0.0780	16:45	N/A	0	0	16:45	58	0.0014	1.4313
17:00	75	0.0034	3.3533	17:00	84	0.0001	0.0656	17:00	N/A	0	0	17:00	58	0.0022	2.2474

17:15	75	0.0039	3.9285	17:15	84	0.0000	0.0000	17:15	N/A	0	0	17:15	58	0.0035	3.4536	
17:30	75	0.0050	4.9883	17:30	84	0.0000	0.0326	17:30	N/A	0	0	17:30	58	0.0043	4.3089	
17:45	75	0.0041	4.0757	17:45	84	0.0003	0.2802	17:45	N/A	0	0	17:45	58	0.0036	3.5530	
18:00	75	0.0012	1.2024	18:00	84	0.0000	0.0000	18:00	N/A	0	0	18:00	58	0.0014	1.3661	
18:15	75	0.0170	16.9978	18:15	84	0.0000	0.0000	18:15	N/A	0	0	18:15	58	0.0000	0.0000	
18:30	75	0.0750	75.0071	18:30	84	0.0000	0.0000	18:30	N/A	0	0	18:30	58	0.0000	0.0000	* See Field Investigation Below
18:35	75	0.0959	95.8920	18:45	84	0.0000	0.0000	18:45	N/A	0	0	18:45	58	0.0000	0.0000	* See Field Investigation Below
18:40	75	0.0917	91.6720	19:00	84	0.0000	0.0000	19:00	N/A	0	0	19:00	58	0.0000	0.0000	* See Field Investigation Below
18:45	75	0.0086	8.6397	19:15	84	0.0000	0.0000	19:15	N/A	0	0	19:15	58	0.0000	0.0000	
19:00	75	0.0003	0.3472	19:30	84	0.0000	0.0000	19:30	N/A	0	0	19:30	58	0.0000	0.0000	
19:15	75	0.0000	0.0000	19:45	84	0.0000	0.0000	19:45	N/A	0	0	19:45	58	0.0000	0.0000	
19:30	75	0.0000	0.0000	20:00	84	0.0000	0.0000	20:00	N/A	0	0	20:00	58	0.0000	0.0000	
19:45	75	0.0000	0.0000	20:15	84	0.0000	0.0000	20:15	N/A	0	0	20:15	58	0.0000	0.0000	
20:00	75	0.0000	0.0000	20:30	84	0.0000	0.0000	20:30	N/A	0	0	20:30	58	0.0000	0.0000	
20:15	75	0.0000	0.0000	20:45	84	0.0000	0.0000	20:45	N/A	0	0	20:45	58	0.0000	0.0000	
20:30	75	0.0000	0.0000	21:00	84	0.0000	0.0000	21:00	N/A	0	0	21:00	58	0.0000	0.0000	
20:45	75	0.0000	0.0000	21:15	84	0.0000	0.0000	21:15	N/A	0	0	21:15	58	0.0000	0.0000	
21:00	75	0.0000	0.0000	21:30	84	0.0000	0.0000	21:30	N/A	0	0	21:30	58	0.0000	0.0000	
21:15	75	0.0000	0.0309	21:45	84	0.0000	0.0000	21:45	N/A	0	0	21:45	58	0.0000	0.0000	
21:30	75	0.0002	0.2469	22:00	84	0.0000	0.0000	22:00	N/A	0	0	22:00	58	0.0000	0.0000	
21:45	75	0.0000	0.0000	22:15	84	0.0000	0.0000	22:15	N/A	0	0	22:15	58	0.0000	0.0000	
22:00	75	0.0000	0.0000	22:30	84	0.0000	0.0000	22:30	N/A	0	0	22:30	58	0.0000	0.0000	
22:15	75	0.0000	0.0000	22:45	84	0.0000	0.0000	22:45	N/A	0	0	22:45	58	0.0000	0.0000	
22:30	75	0.0000	0.0000	23:00	84	0.0000	0.0000	23:00	N/A	0	0	23:00	58	0.0000	0.0000	
22:45	75	0.0000	0.0000	23:15	84	0.0000	0.0000	23:15	N/A	0	0	23:15	58	0.0000	0.0000	
23:00	75	0.0000	0.0000	23:30	84	0.0000	0.0000	23:30	N/A	0	0	23:30	58	0.0000	0.0000	
23:15	75	0.0009	0.9328	23:45	84	0.0000	0.0000	23:45	N/A	0	0	23:45	58	0.0000	0.0000	
23:30	75	0.0075	7.463538													
23:45	75	0.0000	0													

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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