



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.39	0	0	0	0.47
04	0.42	0	0	0	4.1

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)																
10/12/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/12/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/12/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/12/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	62	0.02217	22.173006	0:00	69	0.031	30.829668	0:00	N/A	0.0068307	6.8306731	0:00	53	0.0065568	6.5567692	
0:15	62	0.05096	50.961165	0:15	69	0.031	30.792565	0:15	N/A	0.006345	6.344982	0:15	53	0.0069846	6.9845912	
0:30	62	0.04015	40.146005	0:30	69	0.031	31.40912	0:30	N/A	0.0070877	7.087703	0:30	53	0.0077911	7.7910795	
0:35	62	0.07112	71.12397	0:45	69	0.034	34.411691	0:45	N/A	0.0095183	9.5183142	0:45	53	0.007849	7.8490459	* See Field Investigation Below
0:40	62	0.06225	62.250401	1:00	69	0.039	39.087577	1:00	N/A	0.0093066	9.3066278	1:00	53	0.0089285	8.9284522	* See Field Investigation Below
0:45	62	0.03979	39.785401	1:15	69	0.050	49.810063	1:15	N/A	0.0096114	9.6113853	1:15	53	0.0087243	8.7243077	
1:00	62	0.01855	18.546795	1:30	69	0.055	55.254213	1:30	N/A	0.0127617	12.76168	1:30	53	0.0093106	9.3105767	
1:15	62	0.02053	20.534046	1:45	69	0.056	55.740294	1:45	N/A	0.0120345	12.034545	1:45	53	0.0090647	9.0647447	
1:30	62	0.02142	21.422932	2:00	69	0.057	57.491734	2:00	N/A	0.0101593	10.159342	2:00	53	0.0099301	9.9301208	
1:45	62	0.02316	23.164681	2:15	69	0.060	60.205359	2:15	N/A	0.0075682	7.5682055	2:15	53	0.0088651	8.8651127	
2:00	62	0.03854	38.543229	2:30	69	0.059	59.277053	2:30	N/A	0.0076097	7.6097234	2:30	53	0.0084847	8.4847096	
2:15	62	0.04365	43.650566	2:45	69	0.060	60.235485	2:45	N/A	0.0082534	8.253386	2:45	53	0.0084766	8.4765756	
2:30	62	0.00000	0	3:00	69	0.062	62.384651	3:00	N/A	0.0098009	9.800909	3:00	53	0.0089695	8.969499	
2:45	62	0.00555	5.548148	3:15	69	0.063	63.268941	3:15	N/A	0.0072612	7.26115	3:15	53	0.0095324	9.5323524	
3:00	62	0.02971	29.7061	3:30	69	0.064	63.852184	3:30	N/A	0.0052858	5.2857836	3:30	53	0.0117874	11.787434	
3:15	62	0.01798	17.980205	3:45	69	0.064	64.07448	3:45	N/A	0.0069084	6.90837	3:45	53	0.0097536	9.7536418	
3:30	62	0.02058	20.583566	4:00	69	0.065	64.664655	4:00	N/A	0.007107	7.1069791	4:00	53	0.0086523	8.6522678	
3:45	62	0.02257	22.573571	4:15	69	0.066	65.651316	4:15	N/A	0.0079851	7.9851338	4:15	53	0.0087581	8.758136	
4:00	62	0.02264	22.636869	4:30	69	0.066	65.937046	4:30	N/A	0.0112662	11.266164	4:30	53	0.008947	8.9469642	
4:15	62	0.02202	22.023516	4:45	69	0.064	64.049527	4:45	N/A	0.0148444	14.844377	4:45	53	0.0081558	8.1557906	
4:30	62	0.02335	23.34928	5:00	69	0.064	64.429045	5:00	N/A	0.0156487	15.648733	5:00	53	0.0087134	8.7134001	
4:45	62	0.02589	25.88614	5:15	69	0.066	65.719806	5:15	N/A	0.0132822	13.282236	5:15	53	0.0095657	9.565684	
5:00	62	0.02300	23.000701	5:30	69	0.065	65.165176	5:30	N/A	0.0103125	10.312537	5:30	53	0.0127216	12.721606	
5:15	62	0.02636	26.36094	5:45	69	0.068	67.979174	5:45	N/A	0.0151761	15.176113	5:45	53	0.0113902	11.390176	
5:30	62	0.02639	26.386894	6:00	69	0.071	71.490758	6:00	N/A	0.0149318	14.931826	6:00	53	0.0111708	11.170815	* See Field Investigation Below
5:45	62	0.02278	22.776002	6:05	69	0.073	72.599877	6:15	N/A	0.0136967	13.696742	6:15	53	0.0093111	9.3111092	* See Field Investigation Below
6:00	62	0.02595	25.947612	6:10	69	0.071	71.405124	6:30	N/A	0.0115931	11.59313	6:30	53	0.0090758	9.0758238	* See Field Investigation Below
6:15	62	0.03176	31.760097	6:15	69	0.069	68.781415	6:45	N/A	0.0058106	5.8106348	6:45	53	0.0090496	9.049596	
6:30	62	0.02930	29.303646	6:20	69	0.067	67.29698	7:00	N/A	0.0029703	2.9703207	7:00	53	0.0094089	9.4088662	
6:45	62	0.02722	27.220484	6:25	69	0.065	65.291228	7:15	N/A	0.0027152	2.7151949	7:15	53	0.009334	9.3339593	
7:00	62	0.02340	23.400389	6:30	69	0.066	65.734725	7:30	N/A	0.0032832	3.283158	7:30	53	0.0099203	9.9203136	
7:15	62	0.02447	24.47201	6:45	69	0.066	66.317336	7:45	N/A	0.004806	4.8060474	7:45	53	0.0102177	10.217737	

7:30	62	0.02609	26.088484	7:00	69	0.068	67.694323	8:00	N/A	0.0059386	5.9385827	8:00	53	0.0099083	9.9082907	
7:45	62	0.02407	24.065983	7:15	69	0.069	68.947608	8:15	N/A	0.0060091	6.009145	8:15	53	0.0096943	9.6943379	
8:00	62	0.02858	28.578275	7:30	69	0.072	72.485318	8:30	N/A	0.0044365	4.4365427	8:30	53	0.0080738	8.0737853	* See Field Investigation Below
8:15	62	0.02800	27.998032	7:35	69	0.072	72.463271	8:45	N/A	0.0037135	3.7134723	8:45	53	0.012541	12.540984	* See Field Investigation Below
8:30	62	0.02554	25.542676	7:40	69	0.073	72.938729	9:00	N/A	0.0029081	2.9080846	9:00	53	0.0117779	11.777896	* See Field Investigation Below
8:45	62	0.02295	22.953561	7:45	69	0.075	74.573227	9:15	N/A	0.0032743	3.2742719	9:15	53	0.0111568	11.156846	* See Field Investigation Below
9:00	62	0.02178	21.778264	7:50	69	0.075	75.444336	9:30	N/A	0.0036433	3.643319	9:30	53	0.008311	8.3110339	* See Field Investigation Below
9:15	62	0.01821	18.210656	7:55	69	0.075	75.360966	9:45	N/A	0.0028811	2.8811387	9:45	53	0.0135848	13.584847	* See Field Investigation Below
9:30	62	0.02282	22.816552	8:00	69	0.075	75.068935	10:00	N/A	0.0036373	3.6372917	10:00	53	0.0133976	13.397624	* See Field Investigation Below
9:45	62	0.02850	28.502399	8:05	69	0.076	75.993646	10:15	N/A	0.0060233	6.0232619	10:15	53	0.0093992	9.3991986	* See Field Investigation Below
10:00	62	0.02801	28.014887	8:10	69	0.077	76.910941	10:30	N/A	0.005994	5.9940046	10:30	53	0.0054468	5.4467642	* See Field Investigation Below
10:15	62	0.02402	24.023369	8:15	69	0.077	77.451463	10:45	N/A	0.0050923	5.0923409	10:45	53	0.0104546	10.454621	* See Field Investigation Below
10:30	62	0.02135	21.354143	8:20	69	0.078	78.481582	11:00	N/A	0.0054791	5.4790697	11:00	53	0.0146656	14.665594	* See Field Investigation Below
10:45	62	0.02226	22.25781	8:25	69	0.077	77.225381	11:15	N/A	0.0079163	7.9162877	11:15	53	0.0122734	12.273416	* See Field Investigation Below
11:00	62	0.02555	25.552471	8:30	69	0.075	75.177057	11:30	N/A	0.0093053	9.3053278	11:30	53	0.0077152	7.7151718	* See Field Investigation Below
11:15	62	0.01919	19.185167	8:35	69	0.076	75.545727	11:45	N/A	0.009976	9.9759554	11:45	53	0.0102564	10.256369	* See Field Investigation Below
11:30	62	0.01499	14.988227	8:40	69	0.074	73.71618	12:00	N/A	0.0103189	10.318914	12:00	53	0.0082593	8.2593358	* See Field Investigation Below
11:45	62	0.01712	17.118688	8:45	69	0.073	73.117526	12:15	N/A	0.0079979	7.9978925	12:15	53	0.0121582	12.158205	* See Field Investigation Below
12:00	62	0.01493	14.92618	8:50	69	0.074	73.620384	12:30	N/A	0.0063461	6.3460848	12:30	53	0.021336	21.336014	* See Field Investigation Below
12:15	62	0.01687	16.870493	8:55	69	0.072	72.311156	12:45	N/A	0.0086661	8.6661427	12:45	53	0.0279783	27.978254	* See Field Investigation Below
12:30	62	0.01840	18.397741	9:00	69	0.073	72.560523	13:00	N/A	0.0101896	10.189606	13:00	53	0.0381249	38.124923	* See Field Investigation Below
12:45	62	0.01783	17.829492	9:05	69	0.072	71.873184	13:15	N/A	0.0080464	8.0464345	13:15	53	0.0403425	40.342452	* See Field Investigation Below
13:00	62	0.02176	21.759426	9:10	69	0.073	72.574272	13:30	N/A	0.0056159	5.6159449	13:30	53	0.0470783	47.078349	* See Field Investigation Below
13:15	62	0.01376	13.758738	9:15	69	0.066	66.071326	13:45	N/A	0.0057254	5.7254234	13:45	53	0.0505885	50.588453	
13:30	62	0.01419	14.193839	9:20	69	0.066	65.759493	14:00	N/A	0.0050644	5.0643719	14:00	53	0.0602191	60.219071	* See Field Investigation Below
13:45	62	0.01181	11.805454	9:25	69	0.069	68.630005	14:15	N/A	0.0064547	6.4547332	14:05	53	0.0592223	59.222316	* See Field Investigation Below
14:00	62	0.01280	12.802874	9:30	69	0.073	73.160955	14:30	N/A	0.006302	6.3020218	14:10	53	0.0582304	58.230441	* See Field Investigation Below
14:15	62	0.00719	7.1902009	9:35	69	0.075	75.403033	14:45	N/A	0.0069083	6.9082979	14:15	53	0.0603726	60.372629	* See Field Investigation Below
14:30	62	0.00415	4.1501064	9:40	69	0.077	76.60061	15:00	N/A	0.0082274	8.2273804	14:20	53	0.0601534	60.153414	* See Field Investigation Below
14:45	62	0.00244	2.441627	9:45	69	0.077	77.360561	15:15	N/A	0.0089045	8.9044594	14:25	53	0.059262	59.26201	* See Field Investigation Below
15:00	62	0.00493	4.9346563	9:50	69	0.078	78.235748	15:30	N/A	0.0079478	7.9478201	14:30	53	0.0597744	59.774427	* See Field Investigation Below
15:15	62	0.00369	3.6870338	9:55	69	0.080	80.121546	15:45	N/A	0.0079736	7.9736118	14:35	53	0.0583842	58.384243	* See Field Investigation Below
15:30	62	0.00449	4.4947353	10:00	69	0.079	78.901172	16:00	N/A	0.0072503	7.2502645	14:40	53	0.0478692	47.869235	* See Field Investigation Below
15:45	62	0.00489	4.8902164	10:05	69	0.075	75.113596	16:15	N/A	0.0076759	7.6759152	14:45	53	0.0429834	42.983449	* See Field Investigation Below
16:00	62	0.00477	4.7693463	10:10	69	0.066	65.549095	16:30	N/A	0.0073968	7.3968063	15:00	53	0.0190874	19.087386	
16:15	62	0.00534	5.3383953	10:15	69	0.068	67.533694	16:45	N/A	0.008232	8.2320484	15:15	53	0.0077845	7.7845411	
16:30	62	0.00613	6.1295356	10:20	69	0.071	70.722508	17:00	N/A	0.0085051	8.5050758	15:30	53	0.0038783	3.8782616	* See Field Investigation Below
16:45	62	0.00711	7.1093113	10:25	69	0.071	70.599981	17:15	N/A	0.0081761	8.1760955	15:45	53	0.0027573	2.7572799	* See Field Investigation Below
17:00	62	0.00882	8.82466	10:30	69	0.070	69.799593	17:30	N/A	0.0077352	7.7352329	16:00	53	0.0023723	2.3722986	* See Field Investigation Below
17:15	62	0.01031	10.314419	10:35	69	0.073	72.905389	17:45	N/A	0.00749	7.4899575	16:15	53	0.0011562	1.1561629	* See Field Investigation Below
17:30	62	0.01292	12.918598	10:40	69	0.073	72.63613	18:00	N/A	0.0053485	5.3484943	16:30	53	0.0006016	0.6015754	* See Field Investigation Below
17:45	62	0.01220	12.204786	10:45	69	0.077	76.934637	18:15	N/A	0.0043306	4.3305667	16:45	53	0.0001567	0.1566514	* See Field Investigation Below
18:00	62	0.01351	13.512838	10:50	69	0.077	77.223125	18:30	N/A	0.0042227	4.2226611	17:00	53	1.92E-05	0.0191969	* See Field Investigation Below
18:15	62	0.01536	15.360261	10:55	69	0.078	77.972062	18:45	N/A	0.0036057	3.6057188	17:15	53	0.0001889	0.1889483	* See Field Investigation Below
18:30	62	0.01476	14.75975	11:00	69	0.079	79.059727	19:00	N/A	0.0045854	4.5853968	17:30	53	0.0026357	2.6356892	* See Field Investigation Below
18:45	62	0.01549	15.490962	11:05	69	0.077	76.848009	19:15	N/A	0.0060955	6.0955053	17:45	53	0.0017999	1.7998901	* See Field Investigation Below
19:00	62	0.01472	14.721496	11:10	69	0.067	66.589761	19:30	N/A	0.0055812	5.5811822	18:00	53	0.0031973	3.1973116	
19:15	62	0.01431	14.310652	11:15	69	0.066	65.81603	19:45	N/A	0.0059458	5.9458221	18:15	53	0.0043489	4.3488965	
19:30	62	0.01447	14.470059	11:20	69	0.068	67.748697	20:00	N/A	0.0062227	6.2226841	18:30	53	0.0047982	4.7981999	
19:45	62	0.01421	14.206918	11:25	69	0.068	67.967586	20:15	N/A	0.006229	6.2289998	18:45	53	0.0055151	5.5150882	
20:00	62	0.01500	14.995356	11:30	69	0.068	67.692782	20:30	N/A	0.0065785	6.5785018	19:00	53	0.0043386	4.3386134	
20:15	62	0.01657	16.572224	11:45	69	0.068	68.048037	20:45	N/A	0.0063226	6.3226305	19:15	53	0.003452	3.4519971	
20:30	62	0.01832	18.322725	12:00	69	0.068	67.633318	21:00	N/A	0.0066269	6.62695	19:30	53	0.0036379	3.6378785	

20:45	62	0.01952	19.521164	12:15	69	0.068	68.192139	21:15	N/A	0.0072135	7.2134661	19:45	53	0.0035743	3.5742698	
21:00	62	0.02043	20.425468	12:30	69	0.068	67.733334	21:30	N/A	0.0079059	7.9059488	20:00	53	0.0038813	3.8812926	
21:15	62	0.02088	20.879542	12:35	69	0.071	71.050902	21:45	N/A	0.0086173	8.6172869	20:15	53	0.0037221	3.722106	* See Field Investigation Below
21:30	62	0.02061	20.609393	12:40	69	0.074	74.25995	22:00	N/A	0.0091785	9.1785189	20:30	53	0.0036867	3.6867438	* See Field Investigation Below
21:45	62	0.02039	20.394865	12:45	69	0.073	72.701675	22:15	N/A	0.0093291	9.3291271	20:45	53	0.0040353	4.0352761	* See Field Investigation Below
22:00	62	0.01948	19.476791	12:50	69	0.075	74.889196	22:30	N/A	0.0080402	8.0401957	21:00	53	0.0039923	3.9922698	* See Field Investigation Below
22:15	62	0.01964	19.637796	12:55	69	0.077	77.069083	22:45	N/A	0.0053853	5.3852672	21:15	53	0.0032736	3.2735565	* See Field Investigation Below
22:30	62	0.02483	24.831713	13:00	69	0.075	74.713208	23:00	N/A	0.0043265	4.3264559	21:30	53	0.0028667	2.8667034	* See Field Investigation Below
22:45	62	0.02834	28.342966	13:05	69	0.069	68.594366	23:15	N/A	0.0041077	4.1076601	21:45	53	0.002544	2.5440231	
23:00	62	0.02846	28.459164	13:10	69	0.063	63.361158	23:30	N/A	0.0052297	5.2297487	22:00	53	0.0013811	1.3810848	
23:15	62	0.02740	27.395583	13:15	69	0.067	66.895171	23:45	N/A	0.006591	6.5909604	22:15	53	0.0012508	1.2507766	
23:30	62	0.02664	26.639323	13:30	69	0.057	57.193648					22:30	53	0.004392	4.3919994	
23:45	62	0.04243	42.42779	13:45	69	0.055	55.233486					22:45	53	0.0085306	8.5305647	
				14:00	69	0.056	56.133592					23:00	53	0.0084222	8.4222035	
				14:15	69	0.054	53.751753					23:15	53	0.0088672	8.8671547	
				14:30	69	0.050	50.317289					23:30	53	0.0101406	10.140582	
				14:45	69	0.049	48.859778					23:45	53	0.0100899	10.089901	
				15:00	69	0.052	51.589606									
				15:15	69	0.054	53.846071									
				15:30	69	0.054	53.519998									
				15:45	69	0.054	54.36767									
				16:00	69	0.055	54.574764									
				16:15	69	0.055	55.154703									
				16:30	69	0.059	58.651295									
				16:45	69	0.062	61.976244									
				17:00	69	0.065	65.485963									
				17:15	69	0.070	70.296774									
				17:20	69	0.073	73.158184									* See Field Investigation Below
				17:25	69	0.075	75.4016									* See Field Investigation Below
				17:30	69	0.069	69.414954									* See Field Investigation Below
				17:35	69	0.070	69.527965									* See Field Investigation Below
				17:40	69	0.070	69.842771									* See Field Investigation Below
				17:45	69	0.071	71.214433									* See Field Investigation Below
				17:50	69	0.071	71.301705									* See Field Investigation Below
				17:55	69	0.071	71.038822									* See Field Investigation Below
				18:00	69	0.072	71.9079									* See Field Investigation Below
				18:05	69	0.072	72.095628									* See Field Investigation Below
				18:10	69	0.072	71.871738									* See Field Investigation Below
				18:15	69	0.073	72.804698									* See Field Investigation Below
				18:20	69	0.072	71.613064									* See Field Investigation Below
				18:25	69	0.070	70.119494									* See Field Investigation Below
				18:30	69	0.071	70.755072									* See Field Investigation Below
				18:35	69	0.071	70.741133									* See Field Investigation Below
				18:40	69	0.070	70.435969									* See Field Investigation Below
				18:45	69	0.071	70.678255									* See Field Investigation Below
				18:50	69	0.072	71.587937									* See Field Investigation Below
				18:55	69	0.071	71.279896									* See Field Investigation Below
				19:00	69	0.069	69.080355									* See Field Investigation Below
				19:05	69	0.069	68.634049									
				19:10	69	0.068	68.413261									
				19:15	69	0.072	71.598681									* See Field Investigation Below
				19:20	69	0.072	72.282063									* See Field Investigation Below
				19:25	69	0.072	71.74601									* See Field Investigation Below

23:55	69	0.080	80.309681
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* See Field Investigation Below

* 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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