



## Summa Canister Analytical Laboratory Results ppbv

CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.16	0	0	0	0.25

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)

9/13/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	9/13/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	9/13/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	9/13/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.09980	99.798714	0:00	63	0.096	95.614426	0:00	N/A	0	0	0:00	48	0.0020364	2.0363763	* See Field Investigation Below
0:05	56	0.09957	99.570414	0:15	63	0.096	95.656677	0:15	N/A	0	0	0:15	48	0.0028381	2.8380697	* See Field Investigation Below
0:10	56	0.10275	102.7478	0:30	63	0.095	95.489788	0:30	N/A	0	0	0:30	48	0.0022967	2.2966711	* See Field Investigation Below
0:15	56	0.09910	99.104267	0:45	63	0.095	94.557033	0:45	N/A	0	0	0:45	48	0.0020516	2.0515709	* See Field Investigation Below
0:20	56	0.09668	96.683946	1:00	63	0.096	95.644779	1:00	N/A	0	0	1:00	48	0.0020391	2.0391282	* See Field Investigation Below
0:25	56	0.09887	98.871649	1:15	63	0.095	95.147927	1:15	N/A	0	0	1:15	48	0.0018213	1.8213271	* See Field Investigation Below
0:30	56	0.09901	99.006947	1:30	63	0.095	94.929872	1:30	N/A	0	0	1:30	48	0.0018111	1.8110529	* See Field Investigation Below
0:35	56	0.09907	99.068393	1:45	63	0.095	94.788692	1:45	N/A	0	0	1:45	48	0.001815	1.8150208	* See Field Investigation Below
0:40	56	0.10005	100.04889	2:00	63	0.094	94.43578	2:00	N/A	0	0	2:00	48	0.0014839	1.4838715	* See Field Investigation Below
0:45	56	0.09779	97.788833	2:15	63	0.094	93.961306	2:15	N/A	0	0	2:15	48	0.0006652	0.6651683	* See Field Investigation Below
0:50	56	0.09790	97.900507	2:30	63	0.094	94.441509	2:30	N/A	0	0	2:30	48	0	0	* See Field Investigation Below
0:55	56	0.10238	102.37742	2:45	63	0.095	94.78764	2:45	N/A	0	0	2:45	48	0	0	* See Field Investigation Below
1:00	56	0.10053	100.53218	3:00	63	0.095	94.693893	3:00	N/A	0	0	3:00	48	0	0	* See Field Investigation Below
1:05	56	0.09946	99.456973	3:15	63	0.096	95.659092	3:15	N/A	0	0	3:15	48	0.0003228	0.3228153	* See Field Investigation Below
1:10	56	0.10109	101.08875	3:30	63	0.095	94.500103	3:30	N/A	0	0	3:30	48	0.0018418	1.8418095	* See Field Investigation Below
1:15	56	0.09805	98.049225	3:45	63	0.096	95.613324	3:45	N/A	0	0	3:45	48	0.0016322	1.632215	* See Field Investigation Below
1:20	56	0.09771	97.711856	4:00	63	0.095	94.935942	4:00	N/A	0	0	4:00	48	0.0001312	0.1311792	* See Field Investigation Below
1:25	56	0.09695	96.951721	4:15	63	0.095	94.675213	4:15	N/A	0	0	4:15	48	0	0	* See Field Investigation Below
1:30	56	0.09690	96.902021	4:30	63	0.093	93.043859	4:30	N/A	0	0	4:30	48	0.0001594	0.1594054	* See Field Investigation Below
1:35	56	0.10142	101.41836	4:45	63	0.093	92.783206	4:45	N/A	0	0	4:45	48	0.0014741	1.4741301	* See Field Investigation Below
1:40	56	0.09966	99.655184	5:00	63	0.094	94.026672	5:00	N/A	0	0	5:00	48	0.0017812	1.781242	* See Field Investigation Below
1:45	56	0.09728	97.281721	5:15	63	0.092	92.17111	5:15	N/A	0	0	5:15	48	0.0015805	1.5805157	* See Field Investigation Below
1:50	56	0.09947	99.465853	5:30	63	0.092	92.403783	5:30	N/A	0	0	5:30	48	0.0009735	0.973517	* See Field Investigation Below
1:55	56	0.09987	99.871398	5:45	63	0.093	92.836335	5:45	N/A	0	0	5:45	48	0.0007121	0.7121217	* See Field Investigation Below
2:00	56	0.09966	99.65702	6:00	63	0.091	91.092725	6:00	N/A	0	0	6:00	48	0.0007407	0.7406547	* See Field Investigation Below
2:05	56	0.10053	100.53129	6:15	63	0.091	91.372826	6:15	N/A	0	0	6:15	48	0.0001553	0.155256	* See Field Investigation Below
2:10	56	0.08783	87.82646	6:30	63	0.081	81.385213	6:30	N/A	0	0	6:30	48	5.505E-05	0.0550485	* See Field Investigation Below
2:15	56	0.08373	83.72708	6:45	63	0.081	80.819979	6:45	N/A	0	0	6:45	48	0	0	* See Field Investigation Below
2:20	56	0.08434	84.343472	7:00	63	0.080	79.736166	7:00	N/A	0	0	7:00	48	0	0	* See Field Investigation Below
2:25	56	0.08403	84.025767	7:15	63	0.080	79.545966	7:15	N/A	0	0	7:15	48	0	0	* See Field Investigation Below
2:30	56	0.08312	83.117852	7:30	63	0.079	79.497379	7:30	N/A	0	0	7:30	48	0	0	* See Field Investigation Below
2:35	56	0.09033	90.332996	7:45	63	0.079	79.164084	7:45	N/A	0	0	7:45	48	0	0	* See Field Investigation Below
2:40	56	0.08727	87.27316	8:00	63	0.079	78.714222	8:00	N/A	0	0	8:00	48	0	0	* See Field Investigation Below





11:35	56	0.06375	63.752784	11:35	63	0.074	74.393915
11:40	56	0.06515	65.152446	11:40	63	0.067	67.374334
11:45	56	0.06195	61.950682	11:45	63	0.067	67.202036
11:50	56	0.05003	50.0306	11:50	63	0.055	54.794931
11:55	56	0.04931	49.310852	11:55	63	0.057	56.9589
12:00	56	0.05010	50.10366	12:00	63	0.065	64.75542
12:15	56	0.03925	39.25076	12:05	63	0.053	52.835799
12:30	56	0.02958	29.57544	12:10	63	0.049	48.669978
12:45	56	0.02271	22.710611	12:15	63	0.056	56.360166
13:00	56	0.01929	19.28904	12:20	63	0.050	50.189171
13:15	56	0.01928	19.277241	12:25	63	0.049	49.174242
13:30	56	0.01757	17.565593	12:30	63	0.050	49.720016
13:45	56	0.00548	5.4845176	12:35	63	0.061	61.081529
14:00	56	0.00223	2.229278	12:40	63	0.083	82.757605
14:15	56	0.00051	0.5145679	12:45	63	0.085	85.060422
14:30	56	0.00018	0.1835442	12:50	63	0.077	77.407263
14:45	56	0.00410	4.0979516	12:55	63	0.079	78.913663
15:00	56	0.01487	14.872283	13:00	63	0.070	70.395535
15:15	56	0.02103	21.032713	13:05	63	0.080	79.998199
15:30	56	0.01997	19.96585	13:10	63	0.083	82.887647
15:45	56	0.02182	21.822797	13:15	63	0.079	78.536468
16:00	56	0.02396	23.957945	13:20	63	0.076	76.314691
16:15	56	0.02534	25.340138	13:25	63	0.070	69.984705
16:30	56	0.02197	21.968377	13:30	63	0.061	61.248511
16:45	56	0.02588	25.875567	13:35	63	0.048	48.379494
17:00	56	0.03330	33.302194	13:40	63	0.048	48.125857
17:15	56	0.03400	33.999144	13:45	63	0.051	51.484425
17:30	56	0.03561	35.605217	13:50	63	0.057	57.093109
17:45	56	0.03853	38.534894	13:55	63	0.057	57.032599
18:00	56	0.03533	35.330833	14:00	63	0.054	53.84111
18:15	56	0.03192	31.918719	14:05	63	0.047	47.462826
18:30	56	0.03011	30.108019	14:10	63	0.040	40.148053
18:45	56	0.03624	36.243677	14:15	63	0.038	37.690038
19:00	56	0.04314	43.13547	14:20	63	0.037	36.990843
19:15	56	0.04814	48.139916	14:25	63	0.050	50.218971
19:30	56	0.05154	51.539924	14:30	63	0.057	57.274669
19:45	56	0.05024	50.239231	14:35	63	0.065	64.582529
20:00	56	0.04300	42.998827	14:40	63	0.063	63.241734
20:15	56	0.04587	45.867724	14:45	63	0.066	66.478369
20:30	56	0.04519	45.189825	14:50	63	0.073	72.788863
20:45	56	0.04659	46.586259	14:55	63	0.082	82.324556
21:00	56	0.04477	44.773141	15:00	63	0.091	91.407705
21:15	56	0.04291	42.913947	15:05	63	0.090	89.816356
21:30	56	0.04167	41.67313	15:10	63	0.101	101.16546
21:45	56	0.04414	44.137804	15:15	63	0.092	92.308172
22:00	56	0.04089	40.887106	15:20	63	0.090	89.763342
22:15	56	0.05168	51.679193	15:25	63	0.092	91.770256
22:30	56	0.05520	55.202928	15:30	63	0.088	88.437068
22:45	56	0.05945	59.454687	15:35	63	0.089	89.015587
22:50	56	0.05491	54.908467	15:40	63	0.090	89.697448
22:55	56	0.04983	49.834944	15:45	63	0.085	84.810037
23:00	56	0.04802	48.015526	15:50	63	0.085	84.752178
23:15	56	0.05556	55.555367	15:55	63	0.087	86.635756

23:30	56	0.06654	66.537952	16:00	63	0.086	85.518688	* See Field Investigation Below
23:35	56	0.05731	57.309936	16:05	63	0.085	85.280093	* See Field Investigation Below
23:40	56	0.05360	53.595158	16:10	63	0.085	85.184811	* See Field Investigation Below
23:45	56	0.05392	53.923791	16:15	63	0.081	81.277782	* See Field Investigation Below
				16:20	63	0.077	76.647717	* See Field Investigation Below
				16:25	63	0.076	76.363928	* See Field Investigation Below
				16:30	63	0.076	75.755694	* See Field Investigation Below
				16:35	63	0.074	74.464693	* See Field Investigation Below
				16:40	63	0.076	76.134549	* See Field Investigation Below
				16:45	63	0.078	77.526363	* See Field Investigation Below
				16:50	63	0.077	76.721492	* See Field Investigation Below
				16:55	63	0.076	75.844304	* See Field Investigation Below
				17:00	63	0.077	76.54464	* See Field Investigation Below
				17:05	63	0.076	75.899138	* See Field Investigation Below
				17:10	63	0.076	76.452677	* See Field Investigation Below
				17:15	63	0.076	76.40926	* See Field Investigation Below
				17:20	63	0.074	74.043502	* See Field Investigation Below
				17:25	63	0.071	71.441434	* See Field Investigation Below
				17:30	63	0.072	71.961023	* See Field Investigation Below
				17:35	63	0.074	73.526515	* See Field Investigation Below
				17:40	63	0.076	76.10939	* See Field Investigation Below
				17:45	63	0.076	76.403987	* See Field Investigation Below
				17:50	63	0.074	74.381677	* See Field Investigation Below
				17:55	63	0.072	71.933914	* See Field Investigation Below
				18:00	63	0.069	69.107647	* See Field Investigation Below
				18:05	63	0.067	67.343619	* See Field Investigation Below
				18:10	63	0.064	63.733408	* See Field Investigation Below
				18:15	63	0.061	60.80142	
				18:20	63	0.059	59.269773	
				18:25	63	0.052	52.408265	
				18:30	63	0.052	51.507512	
				18:35	63	0.057	57.063952	
				18:40	63	0.058	58.064567	
				18:45	63	0.057	57.417932	
				18:50	63	0.058	57.793307	
				18:55	63	0.058	58.068873	
				19:00	63	0.059	59.159602	
				19:05	63	0.061	61.075975	
				19:10	63	0.060	60.318381	
				19:15	63	0.060	60.124708	
				19:20	63	0.060	59.661494	
				19:25	63	0.058	58.147313	
				19:30	63	0.058	58.315376	
				19:35	63	0.061	60.833869	
				19:40	63	0.064	63.746025	* See Field Investigation Below
				19:45	63	0.058	57.902576	
				19:50	63	0.057	56.614354	
				19:55	63	0.058	58.068909	
				20:00	63	0.057	57.078309	
				20:05	63	0.059	58.703342	
				20:10	63	0.057	56.74188	
				20:15	63	0.053	52.54234	
				20:20	63	0.051	50.882401	

20:25	63	0.051	51.327722	
20:30	63	0.052	51.676272	
20:35	63	0.052	52.424734	
20:40	63	0.054	54.323754	
20:45	63	0.054	53.631822	
20:50	63	0.053	52.864525	
20:55	63	0.053	52.54105	
21:00	63	0.051	51.45602	
21:05	63	0.049	49.335407	
21:10	63	0.048	47.975007	
21:15	63	0.048	48.102754	
21:20	63	0.047	47.454068	
21:25	63	0.049	48.554872	
21:30	63	0.049	48.906153	
21:35	63	0.049	49.251564	
21:40	63	0.049	49.287131	
21:45	63	0.051	50.528909	
21:50	63	0.047	47.017736	
21:55	63	0.040	39.955754	
22:00	63	0.042	42.482905	
22:05	63	0.049	49.322723	
22:10	63	0.051	50.773861	
22:15	63	0.051	50.642112	
22:20	63	0.050	50.38063	
22:25	63	0.050	50.176242	
22:30	63	0.050	50.339166	
22:35	63	0.050	49.9398	
22:40	63	0.049	49.283245	
22:45	63	0.050	50.246953	
22:50	63	0.045	44.50621	
22:55	63	0.039	39.116656	
23:00	63	0.042	41.962869	
23:05	63	0.050	49.75181	
23:10	63	0.050	50.339965	
23:15	63	0.050	50.344683	
23:20	63	0.049	48.644738	
23:25	63	0.049	48.937743	
23:30	63	0.049	49.360727	
23:35	63	0.042	42.225087	
23:40	63	0.037	36.749584	
23:45	63	0.037	36.870883	
23:50	63	0.036	36.237732	
23:55	63	0.042	41.757313	

* 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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