

A partir del 8 de junio de 2026 y todos los lunes posteriormente, el demandado deberá proporcionar un resumen semanal sobre la red de monitoreo del aire del vertedero a sdutz@aqmd.gov y a ahaar@aqmd.gov. El resumen deberá incluir:

(1) un listado de los tiempos de inactividad de los instrumentos de la semana anterior de H₂S, metano, VOC y los parámetros meteorológicos;

(3) la concentración semanal promedio, la desviación estándar y el rango, comparado con los tres meses previos con datos de H₂S, metano, VOC especiados de cada sitio; y

(4) portal de datos de monitoreo del aire de chiquitacanyon.com que informa el estado y la integridad de los datos de cada instrumento y sitio de la semana anterior.

Start	Stop	Compound	Location	Cause	Corrective Action	Recurrence Mitigation
2026-06-12 17:00:00	-	CH4	MS-11	Internal Computer / EPC error	Replacment EPC ordered. Installation scheduled for June 24.	Additional EPC inventory has been ordered. We do not know why the EPC at MS-11 and MS-12 failed within 1 day of each other. Multiple concurrent failures are not expected. We have requested that Aeroqual investigate the incident to determine whether there was an underlying cause for the simultaneous failures
2026-06-12 17:00:00	-	H2S	MS-11	Internal Computer / EPC error		
2026-06-13 13:00:00	2026-06-17 15:00:00	CH4	MS-12	Internal Computer / EPC error	EPC replaced, using spare inventory.	
2026-06-13 13:00:00	2026-06-17 15:00:00	H2S	MS-12	Internal Computer / EPC error		
2026-06-17 10:00:00	2026-06-17 10:00:00	Benzene	MS-01	Clock desync caused reporting error	Clock resynced by technician	The GC's full internal computer is more prone to occasional software issues compared to the AQMs. As a result, maintaining the systems requires ongoing oversight from anaysts and technicians.
2026-06-17 10:00:00	2026-06-17 10:00:00	Benzene	MS-10	Clock desync caused reporting error	Clock resynced by technician	
2026-06-19 14:00:00	2026-06-19 15:00:00	Benzene	MS-06	Unknown internal error	Issue was caught quickly; system was restarted by technician.	
2026-06-17 11:00:00	2026-06-17 14:00:00	CH4	MS-09	AQM Calibration		
2026-06-17 11:00:00	2026-06-17 14:00:00	H2S	MS-09	AQM Calibration		
2026-06-18 13:00:00	2026-06-18 16:00:00	H2S	MS-12	AQM Calibration		
2026-06-18 13:00:00	2026-06-18 16:00:00	CH4	MS-12	AQM Calibration		
2026-06-21 02:00:00	2026-06-21 03:00:00	Benzene	MS-11	GC Calibration		
2026-06-22 01:00:00	2026-06-22 03:00:00	Benzene	MS-10	GC Calibration		
2026-06-18 02:00:00	2026-06-18 03:00:00	Benzene	MS-10	GC Calibration		
2026-06-15 02:00:00	2026-06-15 03:00:00	Benzene	MS-10	GC Calibration		
2026-06-17 02:00:00	2026-06-17 03:00:00	Benzene	MS-11	GC Calibration		
2026-06-15 02:00:00	2026-06-15 03:00:00	Benzene	MS-01	GC Calibration		
2026-06-22 01:00:00	2026-06-22 03:00:00	Benzene	MS-08	GC Calibration		
2026-06-18 02:00:00	2026-06-18 03:00:00	Benzene	MS-08	GC Calibration		
2026-06-15 02:00:00	2026-06-15 03:00:00	Benzene	MS-08	GC Calibration		
2026-06-21 02:00:00	2026-06-21 03:00:00	Benzene	MS-07	GC Calibration		
2026-06-17 02:00:00	2026-06-17 03:00:00	Benzene	MS-07	GC Calibration		
2026-06-21 01:00:00	2026-06-21 03:00:00	Benzene	MS-06	GC Calibration		
2026-06-17 01:00:00	2026-06-17 03:00:00	Benzene	MS-06	GC Calibration		
2026-06-21 02:00:00	2026-06-21 03:00:00	Benzene	MS-03	GC Calibration		
2026-06-17 02:00:00	2026-06-17 03:00:00	Benzene	MS-03	GC Calibration		
2026-06-19 02:00:00	2026-06-19 03:00:00	Benzene	MS-02	GC Calibration		
2026-06-16 02:00:00	2026-06-16 03:00:00	Benzene	MS-02	GC Calibration		
2026-06-22 01:00:00	2026-06-22 03:00:00	Benzene	MS-01	GC Calibration		
2026-06-18 02:00:00	2026-06-18 03:00:00	Benzene	MS-01	GC Calibration		
2026-06-16 02:00:00	2026-06-16 03:00:00	Benzene	MS-12	GC Calibration		
2026-06-19 02:00:00	2026-06-19 03:00:00	Benzene	MS-12	GC Calibration		

Monitoring Station	Air Monitor	Currently Online	Weekly Data Completeness (%)
MS-01	AQM	TRUE	100
	GC	TRUE	95
MS-02	AQM	TRUE	100
	GC	TRUE	98
MS-03	AQM	TRUE	100
	GC	TRUE	98
MS-04	AQM	TRUE	100
	GC	TRUE	100
MS-05	AQM	TRUE	100
MS-06	AQM	TRUE	100
	GC	TRUE	95
MS-07	AQM	TRUE	100
	GC	TRUE	98
MS-08	AQM	TRUE	100
	GC	TRUE	96
MS-09	AQM	TRUE	98
MS-10	AQM	TRUE	100
	GC	TRUE	95
MS-11	AQM	FALSE	0
	GC	TRUE	98
MS-12	AQM	TRUE	62
	GC	TRUE	98

Monitoring Station	Compound	Weekly Average	3 Month Average	Weekly Std	3 Month Std	Weekly Min	3 Month Min	Weekly Max	3 Month Max
MS-01	Propene	0.08	0.1	0.1	0.12	0	0	0.67	1.28
	Ethanol	0.4	0.52	0.96	1.29	0	0	8.74	39.04
	Acetone	0	0.95	0	1.71	0	0	0.03	28.64
	DMS	0	0	0	0	0	0	0	0
	IPA	0.05	0.23	0.08	0.56	0	0	0.51	6.3
	2-Butanone	0.2	0.17	0.1	0.13	0	0	0.74	0.9
	THF	0.02	0.01	0.07	0.06	0	0	0.5	0.58
	Benzene	0.11	0.11	0.06	0.09	0	0	0.35	0.94
	Toluene	0.05	0.05	0.07	0.07	0	0	0.48	0.56
	Ethylbenzene	0.02	0.03	0.05	0.06	0	0	0.38	0.83
	m.p-Xylene	0.02	0.01	0.06	0.05	0	0	0.44	0.45
	Isopropyltoluene	0.15	0.06	1.08	0.4	0	0	13.29	13.29
	Methanol	0	0	0	0	0	0	0	0
	Carbon Disulfide	0	0	0.02	0.02	0	0	0.18	0.2
	Hexane	0.01	0	0.06	0.04	0	0	0.56	0.56
	Styrene	0.02	0.01	0.07	0.07	0	0	0.58	1.57
	Acrolein	0	0	0.01	0	0	0	0.11	0.14
	CH4	4206	3851	1126	1324	3200	1220	9050	14480
	H2S	1.48	1.6	0.93	0.92	0	0	4	5
	SO2	2.94	1.99	3.41	2.15	0	0	23	23
PM2.5	1.61	1.56	0.81	0.98	0.57	0.09	7.03	18.02	
PM10	2.78	2.59	1.76	3.54	0.84	0.14	10.38	136.83	
MS-02	Propene	0.07	0.11	0.16	0.19	0	0	0.72	2.51
	Ethanol	0.11	0.28	0.51	0.76	0	0	3.97	9.92
	Acetone	0.29	0.54	0.77	0.98	0	0	4.7	6.78
	DMS	0	0	0	0	0	0	0	0
	IPA	0.19	0.21	0.17	0.28	0	0	1.17	3.52
	2-Butanone	0.11	0.12	0.1	0.12	0	0	0.63	0.81
	THF	0	0.01	0.03	0.04	0	0	0.38	0.43
	Benzene	0.02	0.04	0.03	0.05	0	0	0.17	0.54
	Toluene	0.03	0.04	0.04	0.05	0	0	0.28	0.39
	Ethylbenzene	0	0.01	0.02	0.04	0	0	0.32	0.61
	m.p-Xylene	0.01	0.01	0.05	0.05	0	0	0.41	0.45
	Isopropyltoluene	0.01	0.02	0.07	0.07	0	0	0.55	0.69
	Methanol	0.01	0.01	0.03	0.04	0	0	0.26	0.35
	Carbon Disulfide	0	0	0.02	0.02	0	0	0.23	0.3
	Hexane	0	0	0	0.01	0	0	0	0.22
	Styrene	0.01	0	0.03	0.03	0	0	0.31	0.31
	Acrolein	0.01	0	0.08	0.05	0	0	1.02	1.79
	CH4	4017	4785	1825	3519	3160	1960	14020	43280

	H2S	0.38	0.79	0.56	1.17	0	0	2	12
	SO2	0.1	0.25	0.51	0.76	0	0	6	10
	PM2.5	1.58	1.25	0.93	1.18	0	0	6.61	8.2
	PM10	2.57	2.29	1.51	2.56	0	0	11.77	34.21
MS-03	Propene	0.09	0.19	0.2	0.35	0	0	0.99	1.95
	Ethanol	0.17	0.35	0.5	0.75	0	0	2.21	4.29
	Acetone	0	0	0	0	0	0	0	0.02
	DMS	0	0	0	0	0	0	0	0
	IPA	0.26	0.31	0.15	0.26	0	0	0.95	2.11
	2-Butanone	0.02	0.04	0.08	0.13	0	0	0.61	0.83
	THF	0.01	0.01	0.05	0.05	0	0	0.44	0.44
	Benzene	0.05	0.07	0.05	0.06	0	0	0.24	0.63
	Toluene	0.05	0.05	0.05	0.08	0	0	0.39	0.64
	Ethylbenzene	0.01	0.02	0.05	0.06	0	0	0.41	0.86
	m.p-Xylene	0.01	0.02	0.06	0.06	0	0	0.48	0.56
	Isopropyltoluene	0.29	0.27	0.63	0.77	0	0	2.64	6.83
	Methanol	0	0	0	0.01	0	0	0	0.17
	Carbon Disulfide	0	0	0.02	0.02	0	0	0.18	0.2
	Hexane	0	0	0.02	0.04	0	0	0.26	0.45
	Styrene	0.01	0.01	0.03	0.04	0	0	0.31	0.34
	Acrolein	0	0	0	0.01	0	0	0	0.43
	CH4	2708	2641	138	360	2520	1620	3560	5170
	H2S	0.45	1.58	0.55	1.28	0	0	2	8
	SO2	0.02	0.94	0.15	0.93	0	0	1	7
PM2.5	4.08	4.26	2.21	2.66	1.47	0.22	14.75	18.73	
PM10	5.6	5.96	3.55	4.18	1.85	0.36	24.75	76.91	
MS-04	Propene	0.05	0.05	0.24	0.14	0	0	2.64	2.64
	Ethanol	0.06	0.1	0.52	0.73	0	0	4.94	13.98
	Acetone	1.23	1.31	1.23	1.18	0.61	0	13.38	13.38
	DMS	0	0	0	0	0	0	0	0
	IPA	0.34	0.41	0.28	0.54	0.06	0	1.53	6.4
	2-Butanone	0.05	0.2	0.38	0.27	0	0	3.6	3.6
	THF	0.02	0.05	0.1	0.15	0	0	1.11	1.27
	Benzene	0.18	0.12	0.57	0.27	0.01	0	5.41	5.41
	Toluene	0.03	0.03	0.06	0.05	0	0	0.5	0.5
	Ethylbenzene	0.01	0.02	0.03	0.05	0	0	0.28	1.06
	m.p-Xylene	0	0.01	0.02	0.05	0	0	0.14	0.63
	Isopropyltoluene	0.08	0.04	0.28	0.16	0	0	2.4	3.65
	Methanol	0	0.03	0	0.09	0	0	0	0.81
	Carbon Disulfide	0.03	0.02	0.02	0.02	0	0	0.2	0.24
	Hexane	0.01	0.01	0.06	0.05	0	0	0.42	0.64

	Styrene	0	0	0	0.03	0	0	0.04	0.46
	Acrolein	0.12	0.02	0.72	0.22	0	0	7.26	7.26
	CH4	3656	3035	1470	926	3000	770	18030	18030
	H2S	0.49	0.47	0.75	0.7	0	0	6	7
	SO2	0.76	1.34	2.16	3.95	0	0	14	40
	PM2.5	2.76	2.78	1.42	1.82	1.13	0.13	12	14.19
	PM10	4.02	3.81	2.14	2.38	1.49	0.28	12.99	22.83
MS-05	CH4	2750	2157	318	945	2460	0	5980	9800
	H2S	0.38	1.09	0.58	1.91	0	0	3	29
	SO2	4.01	4.74	0.59	1.79	2	0	6	13
	PM2.5	3.18	3.67	1.75	2.43	0.94	0.23	9.58	17.07
	PM10	4.17	4.89	2.09	2.93	1.19	0.34	10.42	50.42
MS-06	Propene	0.04	0.07	0.07	0.08	0	0	0.39	1.45
	Ethanol	0.27	0.42	0.56	0.75	0	0	2.31	5.08
	Acetone	0	1.06	0.01	1.76	0	0	0.15	21.02
	DMS	0	0	0	0	0	0	0	0
	IPA	0.34	0.32	0.34	0.54	0.06	0	1.88	11.14
	2-Butanone	0.16	0.14	0.11	0.13	0	0	0.93	1
	THF	0.01	0.01	0.07	0.07	0	0	0.63	0.68
	Benzene	0.06	0.06	0.04	0.06	0.01	0	0.24	0.99
	Toluene	0.04	0.04	0.04	0.06	0	0	0.34	0.46
	Ethylbenzene	0.01	0.02	0.04	0.07	0	0	0.34	1.54
	m.p-Xylene	0.01	0.01	0.05	0.05	0	0	0.43	0.46
	Isopropyltoluene	0.05	0.05	0.18	0.2	0	0	1.52	3.93
	Methanol	0	0	0	0	0	0	0	0
	Carbon Disulfide	0	0	0.02	0.03	0	0	0.23	0.25
	Hexane	0	0	0	0.05	0	0	0	0.94
	Styrene	0.01	0.02	0.06	0.15	0	0	0.46	6.13
	Acrolein	0	0	0	0.01	0	0	0	0.27
	CH4	4121	3524	876	1055	3320	1840	8200	12150
	H2S	1.85	1.68	0.76	0.83	1	0	4	6
	SO2	0.93	0.85	1.24	1.07	0	0	9	11
PM2.5	1.51	1.92	0.73	4.87	0.53	0.11	6.17	112.5	
PM10	2.55	3.07	1.26	6.59	0.92	0.23	7.13	151.41	
	Propene	0.08	0.09	0.2	0.19	0	0	1.24	1.69
	Ethanol	0	0.07	0	0.39	0	0	0	3.43
	Acetone	0.93	0.98	0.27	0.49	0	0	2.2	3.74
	DMS	0	0	0	0	0	0	0	0
	IPA	0.23	0.36	0.2	0.26	0	0	1.08	1.51
	2-Butanone	0.13	0.15	0.11	0.12	0	0	0.43	0.64
	THF	0	0.02	0.02	0.07	0	0	0.16	0.52

MS-07	Benzene	0.1	0.11	0.04	0.06	0	0	0.22	0.47
	Toluene	0.06	0.06	0.03	0.05	0	0	0.21	0.44
	Ethylbenzene	0.01	0.01	0.02	0.03	0	0	0.17	0.22
	m.p-Xylene	0.01	0.02	0.03	0.03	0	0	0.21	0.25
	Isopropyltoluene	0.03	0.03	0.07	0.08	0	0	0.41	0.82
	Methanol	0	0	0	0.01	0	0	0	0.24
	Carbon Disulfide	0.02	0.02	0.01	0.02	0	0	0.04	0.13
	Hexane	0	0	0.03	0.02	0	0	0.36	0.49
	Styrene	0	0	0.02	0.01	0	0	0.17	0.17
	Acrolein	0	0	0	0.05	0	0	0	1.47
	CH4	2054	2537	239	336	1780	1770	3680	5370
	H2S	0.02	0.03	0.15	0.18	0	0	1	2
	SO2	0.19	0.2	0.81	0.84	0	0	8	13
	PM2.5	3.75	3.8	2.04	2.5	1.47	0.17	13.45	17.49
PM10	6.21	5.02	6.44	3.77	1.92	0.29	65.25	65.25	
MS-08	Propene	0.15	0.14	0.23	0.48	0	0	0.96	20.5
	Ethanol	0.04	0.33	0.15	0.72	0	0	1.21	10.13
	Acetone	0	0.79	0	1.31	0	0	0	7.8
	DMS	0	0	0	0	0	0	0	0
	IPA	0.38	0.32	0.48	0.36	0	0	4.92	7.54
	2-Butanone	0.19	0.19	0.22	0.69	0	0	1.37	23.79
	THF	0.05	0.07	0.15	0.36	0	0	0.82	8.11
	Benzene	0.06	0.07	0.05	0.23	0	0	0.37	6.42
	Toluene	0.05	0.05	0.05	0.12	0	0	0.4	4.5
	Ethylbenzene	0.01	0.01	0.06	0.13	0	0	0.51	3.46
	m.p-Xylene	0.02	0.02	0.07	0.15	0	0	0.51	6.33
	Isopropyltoluene	0.07	0.06	0.14	0.35	0	0	0.85	10.94
	Methanol	0	3.27	0	7.89	0	0	0	87.52
	Carbon Disulfide	0.03	0.01	0.06	0.03	0	0	0.31	0.37
	Hexane	0.01	0.07	0.06	1.24	0	0	0.53	31.47
	Styrene	0.01	0.01	0.04	0.08	0	0	0.35	1.78
	Acrolein	0	0	0	0	0	0	0	0
	CH4	2805	2569	147	295	2540	1750	3640	5820
	H2S	0.18	0.08	0.38	0.27	0	0	1	2
	SO2	1.42	1.34	1.38	0.89	0	0	13	13
PM2.5	3.29	4.13	1.61	2.68	1.2	0.17	10.36	22.16	
PM10	4.57	5.62	2.02	5.84	1.59	0.29	11.93	220.39	
MS-09	CH4	3102	2691	405	368	2690	1440	7360	7360
	H2S	0.35	0.32	0.54	0.52	0	0	2	3
	SO2	1.03	0.73	1.42	1.09	0	0	11	15
	PM2.5	1.57	2.09	0.92	1.37	0.46	0.09	6.23	14.72

MS-10	PM10	2.69	3.34	1.24	1.82	0.87	0.28	8.68	15.38
	Propene	0.16	0.17	0.1	0.13	0	0	0.75	1.46
	Ethanol	0.12	0.87	0.73	2.34	0	0	6.09	40.13
	Acetone	0	0.27	0	0.94	0	0	0	22.5
	DMS	0	0	0	0	0	0	0	0
	IPA	0.48	0.43	0.44	0.43	0	0	3.27	5.12
	2-Butanone	0.15	0.14	0.1	0.11	0	0	0.62	1.15
	THF	0.06	0.05	0.08	0.08	0	0	0.52	0.55
	Benzene	0.08	0.1	0.08	0.11	0	0	0.54	1.21
	Toluene	0.08	0.1	0.09	0.14	0	0	0.62	2.14
	Ethylbenzene	0.02	0.04	0.06	0.15	0	0	0.4	4.48
	m.p-Xylene	0.02	0.02	0.07	0.07	0	0	0.48	1.02
	Isopropyltoluene	0.05	0.03	0.17	0.12	0	0	1.34	1.43
	Methanol	0	0.4	0	0.42	0	0	0	1.99
	Carbon Disulfide	0	0	0.03	0.02	0	0	0.23	0.23
	Hexane	0	0.02	0	0.11	0	0	0	1.89
	Styrene	0.01	0.01	0.05	0.04	0	0	0.37	0.46
	Acrolein	0	0	0	0	0	0	0	0
	CH4	3209	3581	288	457	2630	2090	4370	8280
	H2S	0.95	0.68	1.07	0.97	0	0	4	5
SO2	0.7	0.51	0.78	0.75	0	0	5	7	
PM2.5	3.57	4.2	2.46	2.68	1.06	0.19	14.65	23.67	
PM10	4.67	5.58	2.9	3.08	1.31	0.36	18	24.43	
MS-11	Propene	0.07	0.06	0.2	0.1	0	0	1.73	2.57
	Ethanol	0.1	0.26	0.71	0.9	0	0	7.19	16.93
	Acetone	0	0.99	0	1.04	0	0	0.01	4.4
	DMS	0	0	0	0	0	0	0	0
	IPA	0.28	0.34	0.2	0.3	0	0	1	3.21
	2-Butanone	0.18	0.16	0.1	0.12	0	0	0.69	0.73
	THF	0.01	0.01	0.04	0.05	0	0	0.38	0.46
	Benzene	0.06	0.06	0.04	0.05	0	0	0.33	0.4
	Toluene	0.04	0.04	0.06	0.07	0	0	0.49	0.59
	Ethylbenzene	0.01	0.02	0.05	0.05	0	0	0.48	0.55
	m.p-Xylene	0.02	0.02	0.07	0.07	0	0	0.6	0.68
	Isopropyltoluene	0.02	0.02	0.1	0.08	0	0	0.82	1.01
	Methanol	0	0	0	0	0	0	0	0
	Carbon Disulfide	0.01	0.01	0.04	0.05	0	0	0.35	0.58
	Hexane	0	0.01	0.04	0.04	0	0	0.39	0.46
	Styrene	0.01	0.01	0.06	0.04	0	0	0.51	0.55
	Acrolein	0	0	0	0	0	0	0	0
CH4		2589		198		2220		4430	

	H2S		1.36		0.92		0		6
	SO2		0		0		0		0
	PM2.5		4.07		2.77		0.1		20.59
	PM10		4.99		3.06		0.16		21.25
MS-12	Propene	0.01	0.05	0.05	0.12	0	0	0.38	1.11
	Ethanol	0.02	0.11	0.28	0.79	0	0	3.62	19.13
	Acetone	4.19	2.88	1.49	1.56	0	0	14.41	17.55
	DMS	0	0	0	0	0	0	0	0
	IPA	0.66	0.63	0.43	2.13	0	0	2.18	99.24
	2-Butanone	0.1	0.1	0.16	0.16	0	0	0.72	1.46
	THF	0	0	0.02	0.01	0	0	0.2	0.26
	Benzene	0.06	0.07	0.04	0.19	0	0	0.24	9
	Toluene	0.04	0.07	0.05	0.84	0	0	0.25	39.88
	Ethylbenzene	0.01	0.01	0.03	0.12	0	0	0.28	5.34
	m.p-Xylene	0.01	0	0.03	0.02	0	0	0.21	0.21
	Isopropyltoluene	0.04	0.05	0.17	0.17	0	0	1.64	3.31
	Methanol	0	0	0	0	0	0	0.01	0.01
	Carbon Disulfide	0	0	0	0	0	0	0	0
	Hexane	0	0.01	0	0.25	0	0	0	11.84
	Styrene	0	0	0.02	0.01	0	0	0.13	0.16
	Acrolein	0	0	0	0	0	0	0	0
	CH4	2919	2061	413	798	2220	90	4870	6430
	H2S	0.17	0.16	0.4	0.37	0	0	2	2
	SO2	0.04	0.12	0.27	0.65	0	0	2	10
PM2.5	1.41	1.35	1.49	0.89	0.53	0.08	13.4	13.4	
PM10	2.8	2.05	7.42	2.65	0.8	0.12	74.55	74.55	