Informe de Monitoreo del Aire de la Comunidad del Segundo Trimestre de 2025, Vertedero de Chiquita Canyon

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Este Informe de Monitoreo del Aire de la Comunidad del Segundo Trimestre de 2025 del Vertedero de Chiquita Canyon, ubicado en 29201 Henry Mayo Drive, Castaic, California, fue elaborado y revisado por las siguientes personas:

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1.0 RESUMEN DEL MONITOREO EL AIRE DE CHIQUITA CANYON

Este Informe de Monitoreo del Aire de la Comunidad del Segundo Trimestre de 2025 (el Informe) fue elaborado por SCS Engineers (SCS) en colaboración con el Vertedero de Chiquita Canyon (CCL o el Sitio), El Departamento de Salud Pública del Condado de Los Ángeles (DPH) y el Departamento de Obras Públicas (PW) del Condado de Los Ángeles, en lo relacionado al Programa de Monitoreo del Aire de la Comunidad (CAMP o el Programa) con fecha 2019. El CAMP presenta un resumen de los informes trimestrales de monitoreo del aire compilados de las estaciones de monitoreo continuo del aire en la comunidad que rodea al Sitio y las tomas de muestras discretas mensuales de las ubicaciones de las estaciones de monitoreo del aire de la comunidad durante el período de elaboración del informe.

El CAMP fue preparado por SCS, consultando con CCL, DPH y PW, conforme al Plan de Monitoreo del Aire de la Comunidad de 2019 (el Plan del CAM), que fue elaborado para identificar lugares, parámetros y procedimientos para la implementación de monitoreos continuos del aire en la comunidad que rodea al Sitio. El CAMP fue diseñado para incorporar los requerimientos de la Condición 68 del Permiso de Uso Condicional (CUP) de CCL, emitido por el Condado de Los Ángeles (el Condado).

A octubre de 2022, el CAMP está compuesto por una red de doce estaciones de monitoreo del aire (MS o Estaciones), habiendo siete estaciones ubicadas en toda la comunidad que rodea al Sitio (MS-06 a MS-12) y cinco estaciones ubicadas en el sitio (MS-01 a MS-05), alrededor del perímetro del Sitio (las estaciones de monitoreo del aire en el perímetro del Sitio sirven como referencia para cualquier exceso fuera del sitio que pudiera ser detectado). Las estaciones de monitoreo del aire monitorean continuamente materia particulada con un diámetro aerodinámico de diez (10) micrómetros o menos (PM_{10}), materia particulada con un diámetro aerodinámico de 2.5 micrómetros o menos ($PM_{2.5}$) y ácido sulfhídrico (H_2S); como también la dirección y la velocidad del viento.

El propósito de este informe es cumplir con los requerimientos de informes trimestrales detallados en el CAMP y en la Condición 68 del CUP. Este informe incluye los siguientes componentes:

- Evaluación de datos de DPH de los informes mensuales y/o análisis trimestrales y evaluación de los potenciales impactos para la salud y la seguridad en los residentes de las cercanías, escuelas y centros de empleo;
- La determinación de SCS sobre cualquier excedente de los límites de los informes aplicables; y
- Evaluación y recomendaciones de SCS para la implementación del Programa

Esta sección detalla los límites de monitoreo y proporciona más detalles para los análisis conducidos durante el período del informe.

1.1 LUGARES DE LOS MONITOREOS

Se incluye un mapa que muestra la ubicación de las estaciones de monitoreo, como **Figura 1**.. Como se muestra en la **Figura 1**, MS-01 a MS-05 se encuentran alrededor del perímetro del Sitio. MS-06 a MS-12 se encuentran en la comunidad que rodea al Sitio y son el propósito de este informe.

1.2 MONITOREO CONTINUO

La Tabla 1 resume los niveles de exposición de la calidad del aire o las normas que se utilizan como base para analizar los datos de monitoreo continuo del aire en las estaciones de la comunidad, MS-06 a MS-12.

Los *límites recomendados para el análisis de los informes* para cada uno de los contaminantes del aire monitoreado de forma continua se resaltan en **el texto en negrita** en la **Tabla 1**. Las estaciones de monitoreo del aire que están desplegadas alrededor del Sitio y en la comunidad tienen límites de detección que están muy por debajo de los niveles de notificación recomendados (es decir, que pueden detectar niveles de

concentración ambiental que son mucho más bajos que los niveles límite recomendados a continuación). Se anticipan fluctuaciones a corto plazo en la concentración ambiental de contaminantes en el aire monitoreado alrededor del Sitio y en la comunidad, que se verán reflejados en los datos.

Tabla 1. Resumen de las Normas de Calidad del Aire para Contaminantes del Aire Selectos

Normas de Calidad del Aire		$PM_{2.5}$	PM_{10}	H_2S
CAAQS	Promedio de 1 Hora	- -	- -	**0.03 ppm**
	Promedio de 24 Hora	- -	50 µg/m³	- -
FEIR	Promedio de 24 Hora	**2.5 µg/m³**	**2.5 µg/m³**	- -
SCAQMD	Promedio de 2 Hora	**25 µg/m³**		- -

Texto en Negrita - Límite para Informar

Debe destacarse que los límites de análisis de informes se limitan a las estaciones de monitoreo fuera del sitio. Esto significa que si se activan los límites en alguna estación de monitoreo fuera del sitio (MS-06 a MS-12), deberán realizarse otros análisis, que incluyan una revisión de los datos tomados en las estaciones de monitoreo del sitio (MS-01 a MS-05) durante el evento de los excesos.

Los datos de monitoreo continuo de todo el trimestre fueron formateados en incrementos horarios que coinciden con los límites de los análisis de los informes indicados en la tabla de arriba, como se presentan en el Apéndice A. Dentro del **Apéndice A**, por favor, consulte la **Tabla A-1** para observar los excesos en 1 hora de H_2S, la **Tabla A-2** para observar los excesos en 24 horas de $PM_{2.5}$ y PM_{10} y la **Tabla A-3** para observar los excesos en 2 horas de $PM_{2.5}$ y PM_{10}.

1.3 TOMA DE MUESTRAS DISCRETAS

Todos los meses se toman un total de cinco muestras en estaciones de monitoreo de la comunidad. Se toman tres muestras en la comunidad que rodea al Sitio, de las cuales dos muestras se toman de cada lado del CCL, generalmente en línea con las ubicaciones de las tomas de muestras de los monitores de la comunidad para cada mes. La intención general es abarcar todas las estaciones de monitoreo dentro de la comunidad de los alrededores todos los trimestres durante todo el tiempo que dure el CAMP.

Para alcanzar este objetivo, SCS ha implementado la siguiente rotación de muestreos mensuales con tres ubicaciones de monitoreo de la comunidad agrupadas junto a dos ubicaciones de monitoreo del CCL en línea desde cada lado del vertedero:

Rotación 1: Muestras tomadas desde el noroeste del CCL (MS-07, MS-08 y MS-12) en línea con las muestras del CCL ubicadas en MS-04 y MS-03.

Rotación 2: Muestras tomadas desde el noreste del CCL (MS-06, MS-09 y MS-10) en línea con las muestras del CCL ubicadas en MS-01 y MS-02.

Rotación 3: Muestras tomadas desde el noroeste y sudeste del CCL (MS-08, MS-11 y MS-12) en línea con las muestras del CCL ubicadas en MS-04 y MS-05.

Las muestras se toman y se analizan para conocer los niveles de los componentes del biogás (LFG) indicados en la Tabla 1 de la Regla 1150.1 del Distrito de Gestión de la Calidad del Aire de la Costa Sur (SCAQMD), la regla del SCAQMD para monitorear emisiones de vertederos. Esos productos químicos se encuentran en la **Tabla 2** a continuación.

Tabla 2. Lista de Contaminantes Tóxicos del Aire de la Regla 1150.1 del SCAQMD

Constituyentes de la Tabla 1 de la Regla 1150.1 del SCAQMD			
Benceno	1,1-Dicloroetano	Tetracloroetileno	Triclorometano
Cloruro de bencilo	1,2-Dicloroetano	Tetraclorometano	Cloruro de Vinilo
Clorobenceno	1,1-Dicloroeteno	Tolueno	Xileno
1,2-Dibromoetano	Diclorometano	1,1,1-Tricloroetano	
Diclorobenceno	Ácido Sulfhídrico	Tricloroetileno	

Para tomas de muestras discretas, los límites de los análisis de los informes elegidos por DPH son los Niveles de Exposición de Referencia (RELs) de la Oficina de Evaluación de Peligros para la Salud de California (OEHHA) para Sistemas de Órganos Objetivo de Índice de Peligros Agudos (Tabla 6.1 del Manual de Orientación del Programa de Lugares con Aire Muy Tóxico de febrero de 2015). Por definición, un REL agudo es una exposición que probablemente no causará ningún efecto adverso en la salud de la población humana, que incluye subgrupos sensibles, expuestos a esa concentración (en unidades de microgramos por metro cúbico o $\mu g/m^3$) por la duración específica de la exposición de forma intermitente.

2.0 RESULTADOS TRIMESTRALES DE MONITOREO DEL AIRE

Esta sección trata sobre el monitoreo continuo y los resultados de las muestras discretas para el período del informe.

2.1 RESULTADOS DE MONITOREO CONTINUO

El DPH tiene acceso a todos los datos de monitoreo continuo registrados desde monitores fuera del sitio, que se revisan de forma rutinaria y según la necesidad, si los valores registrados exceden los límites de los informes de la **Tabla 1**. Si el DPH observa excesos reportables, el DPH podrá solicitar los datos de monitoreo en el sitio (incluyendo datos sobre la dirección y la velocidad del viento) con el propósito de que el DPH realice evaluaciones de los excesos reportados. Ante una solicitud, SCS le proporcionará al DPH datos de monitoreo continuo de todos los monitores del sitio, por el período de tiempo del exceso más un incremento de una vez antes y después de la hora de inicio del excedente. Se incluyen en este informe las recomendaciones sobre el impacto en la salud y la seguridad en residentes cercanos, escuelas y centros de empleo o las evaluaciones de potenciales fuentes de contaminantes del aire que impactan la calidad del aire ambiental realizadas por el DPH.

Durante el período del informe, hubo 0 eventos de excedentes de H_2S en un período de 1 hora en promedio. Hubo 2 eventos de excedentes para $PM_{2.5}$ y 11 para PM_{10} en un período de 2 horas promedio. Hubo 4 eventos de excedentes para $PM_{2.5}$ y 2 para PM_{10} en un período de 24 horas promedio. Se debe tener en cuenta que los eventos de excesos de PM en 24 horas duraron varios días y dieron como resultado un evento de exceso de PM de 24 horas que ocurrió en una gran parte del trimestre. Estos excedentes ocurrieron en estaciones fuera del sitio donde las estaciones excedieron uno o más límites a informar. Considerando que ocurrieron varios excesos de PM fuera del sitio en la dirección opuesta a los vientos predominantes, es posible que una fuente local, que no es el vertedero, haya contribuido a estos excesos.

Se debe tener en cuenta que uno o más monitores pueden tener detecciones de excedentes durante un evento de excedentes único, en base a la proximidad de las estaciones con otras estaciones, a la dirección y a la velocidad del viento.

En el **Apéndice A**. se encuentra un resumen de cada excedente ocurrido en las estaciones de monitoreo fuera del sitio durante el período de informe

SCS le ha proporcionado al DPH los datos correspondientes del sitio para los períodos en los que las estaciones de monitoreo fuera del sitio registraron excedentes de los límites indicados en la **Tabla 1** de arriba. Los datos fueron compartidos en e-mails enviados el 14 de mayo, el 15 de junio y el 13 de julio de 2025. A la fecha de este informe, SCS todavía no recibió ningún comentario del DPH en lo relacionado a los datos de monitoreo continuo en el sitio.

Se debe tener en cuenta que debido al tamaño del conjunto de datos completo y para reducir la cantidad de páginas físicas de este informe trimestral, se encuentra un enlace a los datos de 1 hora de monitoreo continuo en ubicaciones fuera del sitio, en el **Apéndice B**. Como los datos de monitoreo continuo presentados en este informe incluyen solo un resumen de los eventos de excedentes, el set de datos completo de 1 hora se incluye como un adjunto vinculado separado.

2.2 RESULTADOS DE LAS TOMAS DE MUESTRAS DISCRETAS

Durante el Segundo Trimestre de 2025, se tomaron muestras mensuales en abril, mayo y junio de 2025. En los informes mensuales que fueron presentados al DPH, a PW y al Sitio el 15 de mayo, el 14 de junio y el 15 de julio de 2025 respectivamente se incluyó una descripción completa de los constituyentes detectados, junto a sus concentraciones. Durante el período del informe, hubo cero (0) estaciones de monitoreo de la comunidad que tuvieron excedentes en los límites a informar de las muestras discretas, según el **Apéndice C**, **Tabla C-1**.

A la fecha de este informe, SCS todavía no recibió ningún comentario del DPH en lo relacionado a los datos de las muestras discretas fuera del sitio.

Los resultados de los eventos de toma de muestras discretas mensuales realizadas en abril, mayo y junio se encuentran en el **Apéndice C**. El **Apéndice C**, en la **Tabla C-1** incluye los límites de los informes de las tomas de muestras discretas. En base a los límites a informar detallados en la Tabla C-1, no hubo excesos registrados en los eventos de las muestras del segundo trimestre. Los informes analíticos completos del laboratorio también se incluyen en el **Apéndice D**.

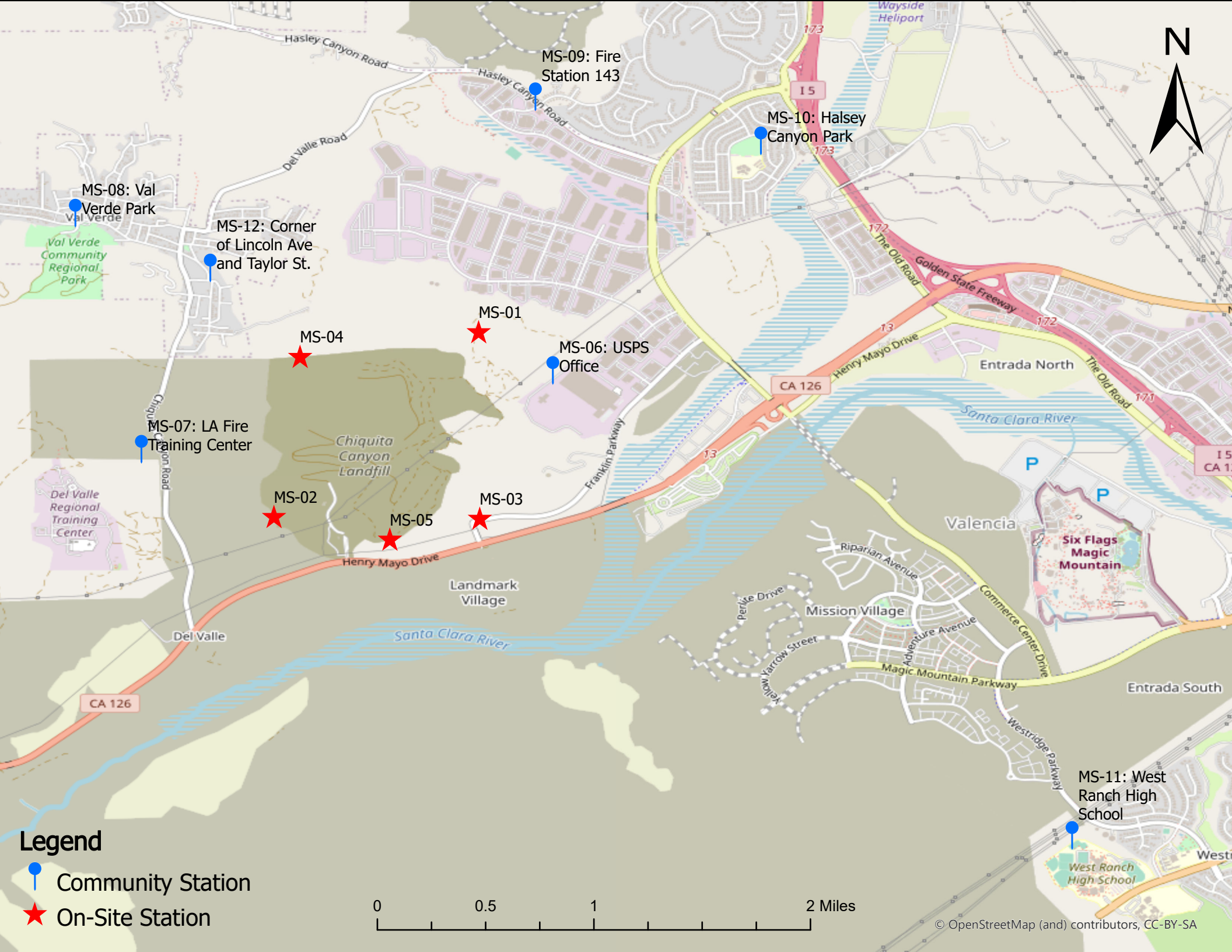
Los resultados del laboratorio fueron analizados junto con los datos de monitoreo continuo del aire, tomados durante el evento de la toma de muestras. Los datos de monitoreo continuo de 1 hora tomados en cada estación de monitoreo que se utilizaron como parte del análisis de muestras discretas se encuentra en el Apéndice B. Se debe tener en cuenta que solo se incluyen en este informe trimestral los eventos de muestra discretas fuera del sitio y los datos de monitoreo de 1 hora asociados.

3.0 RECOMENDACIONES DEL CAMP DE SCS

Esta sección describe las recomendaciones de SCS al CAMP para mejorar la eficiencia general del programa de monitoreo del aire. No hubo cambios en el programa en este trimestre. Todas las recomendaciones/observaciones trimestrales serán compiladas y tratadas en el Informe de Monitoreo del Aire de la Comunidad Anual.

Figure 1

Chiquita Canyon CAMP Map of Monitoring Stations


N
MS-09: Fire Station 143
MS-10: Halsey Canyon Park
MS-08: Val Verde Park
MS-12: Corner of Lincoln Ave and Taylor St.
MS-01
MS-04
MS-06: USPS Office
MS-07: LA Fire Training Center
MS-02
MS-05
MS-03
MS-11: West Ranch High School
Legend
Community Station
On-Site Station
0
0.5
1
2 Miles
Hasley Canyon Road
Del Valle Road
Wayside Heliport
I 5
The Old Road
Golden State Freeway
Henry Mayo Drive
CA 126
Entrada North
Santa Clara River
Chiquita Canyon Landfill
Franklin Parkway
Chiquita Canyon Road
Val Verde
Val Verde Community Regional Park
Del Valle Regional Training Center
Del Valle
Landmark Village
Valencia
Six Flags Magic Mountain
Riparian Avenue
Mission Village
Perlite Drive
Yarrow Street
Adventure Avenue
Commerce Center Drive
Magic Mountain Parkway
Westridge Parkway
Entrada South
West Ranch High School
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Appendix A

Second Quarter 2025 Community Air Monitoring Station

Continuous Monitoring Data Exceedances

Table A-1

1-Hour Average H_2S Community Monitoring Station Data

Table A-1

1-Hour Average H2S Community Monitoring Station Data

Monitoring Station	Event #	Time	H2S	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			ppm	mph	°	in Hg	°F	%

Table A-2

24-Hour Average $PM_{2.5}$ and PM_{10} Community Monitoring Station Data

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-06	1	2025-04-01	2.73	3.68	257.7	28.73	52.3	65.9
MS-11	1	2025-04-01	2.5	3.02	202.7	28.36	52.3	67
MS-11	2	2025-04-03	2.71	2.35	143.3	28.34	51.7	60.5
MS-06	2	2025-04-03	2.81	3.69	249.9	28.71	49.5	63.8
MS-08	2	2025-04-03	2.63	2.57	261	28.57	47.8	68.4
MS-06	3	2025-04-07	3.24	3.83	254.3	28.87	61.4	47.6
MS-10	3	2025-04-07	3.1	2.75	287.9	28.94	61	50.5
MS-08	3	2025-04-07	2.66	2.55	257.3	28.74	59.6	52.3
MS-11	3	2025-04-07	3.12	2.25	170.6	28.51	63.9	43.2
MS-06	3	2025-04-08	4.22	3.7	253	28.82	63.8	56.6
MS-10	3	2025-04-08	3.69	2.72	267.3	28.89	63.5	58.9
MS-08	3	2025-04-08	3.38	2.47	252.8	28.69	61.3	61.8
MS-11	3	2025-04-08	3.34	2.24	171.6	28.46	67.1	53.3
MS-09	3	2025-04-08	2.99	3.04	309.8	28.72	63	57.5
MS-12	3	2025-04-08	3.15	2.67	324.3	28.78	62.4	59.4
MS-08	3	2025-04-09	3.55	2.47	255.9	28.74	64.4	62.5
MS-10	3	2025-04-09	4.05	2.46	247.5	28.93	66.2	60.7
MS-11	3	2025-04-09	4.22	2.15	156.8	28.5	68.6	55.7
MS-12	3	2025-04-09	3.34	2.59	322.8	28.82	65.2	61
MS-09	3	2025-04-09	3.04	3.13	331.9	28.77	65.9	58.9
MS-06	3	2025-04-09	4.3	3.42	247.2	28.86	66.3	59.1
MS-12	3	2025-04-10	3.9	2.66	326.6	28.87	66.4	60.4
MS-06	3	2025-04-10	5.15	3.34	250	28.91	67.1	58.6
MS-10	3	2025-04-10	4.57	2.27	293.9	28.97	67.1	59.9
MS-08	3	2025-04-10	4.21	2.41	253	28.78	65.5	61.8
MS-09	3	2025-04-10	2.7	2.66	327.8	28.81	66.9	58.3
MS-11	3	2025-04-10	4.79	2.2	165.5	28.55	69.7	53.6
MS-06	3	2025-04-11	5.34	3.89	246.3	28.81	68.2	55.8
MS-11	3	2025-04-11	4.96	2.29	169.9	28.45	71	50.2
MS-08	3	2025-04-11	4.64	2.6	258.4	28.68	66.7	58.3
MS-12	3	2025-04-11	4.2	2.88	332.5	28.77	67.6	57.6
MS-12	3	2025-04-12	4.8	2.43	313	28.7	62.9	64.1
MS-08	3	2025-04-12	5.76	2.53	253.1	28.61	62	65.7
MS-06	3	2025-04-12	6.25	3.77	246.8	28.74	63.6	62.8
MS-11	3	2025-04-12	6.13	2.27	185.3	28.38	65.8	58.5
MS-11	3	2025-04-13	10.36	2.02	166.3	28.37	62.1	69.5
MS-09	3	2025-04-13	3.42	2.95	303.4	28.63	60.3	69
MS-12	3	2025-04-13	7.81	2.42	307.2	28.69	59.4	71.6
MS-08	3	2025-04-13	9.27	2.51	252.9	28.6	58.9	72.4
MS-06	3	2025-04-13	9.76	3.59	250.7	28.73	59.9	71.6
MS-06	3	2025-04-14	9.79	3.63	251	28.77	56.5	75.7
MS-08	3	2025-04-14	8.41	2.36	248.8	28.64	55.7	75.5

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	3	2025-04-14	9.19	2.13	185.1	28.41	58.4	74.1
MS-09	3	2025-04-14	2.92	3.06	288.4	28.66	56.9	71.5
MS-12	3	2025-04-14	7.85	2.67	289.7	28.73	56.1	75.3
MS-11	3	2025-04-15	11.35	2.11	236	28.45	54.4	78.6
MS-06	3	2025-04-15	12.11	3.85	248.6	28.81	54.5	77.2
MS-08	3	2025-04-15	11.75	2.21	255.6	28.68	53.3	78.4
MS-12	3	2025-04-15	10.7	2.34	310.4	28.77	53.9	77.4
MS-09	3	2025-04-15	4.28	2.73	284.8	28.7	53.7	76.8
MS-06	3	2025-04-16	6.4	3.96	246.4	28.76	53.8	71.1
MS-12	3	2025-04-16	4.85	2.46	183	28.72	53.5	71.3
MS-08	3	2025-04-16	6.08	2.14	256.1	28.63	52.8	72.5
MS-11	3	2025-04-16	6.01	2.39	186	28.4	53.4	72.5
MS-12	3	2025-04-17	2.97	2.58	164.7	28.72	53.8	74
MS-08	3	2025-04-17	3.7	1.81	248.1	28.62	53	75.1
MS-11	3	2025-04-17	3.14	1.92	191.8	28.39	53.1	73.4
MS-06	3	2025-04-17	3.56	3.84	245.7	28.76	53.9	73
MS-08	3	2025-04-18	4.45	2.39	260.3	28.64	54.3	76.2
MS-11	3	2025-04-18	3.77	2.06	205.4	28.41	54.9	74.4
MS-12	3	2025-04-18	3.53	2.67	194.4	28.74	55.2	74.9
MS-06	3	2025-04-18	4.19	4.45	242.8	28.78	55.3	73.7
MS-08	3	2025-04-19	3.21	2.64	246.2	28.75	57.6	57.5
MS-06	3	2025-04-19	3.94	3.97	248.7	28.88	59.3	54.2
MS-11	3	2025-04-19	3.93	2.51	178.7	28.52	60.2	53.9
MS-12	3	2025-04-19	3.08	3.01	333.3	28.84	58.6	56.4
MS-12	3	2025-04-20	2.67	2.76	322.7	28.8	59.1	52.4
MS-08	3	2025-04-20	2.98	2.73	253.9	28.71	58	54.5
MS-06	3	2025-04-20	3.53	3.89	246.3	28.84	59.6	51.7
MS-11	3	2025-04-20	3.17	2.37	170.3	28.48	61.9	46.8
MS-06	3	2025-04-21	6.07	3.92	247.5	28.76	60.3	61.3
MS-11	3	2025-04-21	5.5	2.45	174	28.4	62.7	57.1
MS-08	3	2025-04-21	4.94	2.55	256.2	28.63	59.1	61.8
MS-12	3	2025-04-21	4.53	2.74	311.6	28.72	60	60.6
MS-08	3	2025-04-22	8.34	2.4	240.6	28.6	55.5	74
MS-06	3	2025-04-22	10.89	4.46	254.6	28.73	57.3	75.6
MS-11	3	2025-04-22	8.78	2.33	242.4	28.37	58.3	73.1
MS-09	3	2025-04-22	3.15	3.15	281	28.62	57	70.5
MS-12	3	2025-04-22	8.47	2.6	234.6	28.69	56.5	75.1
MS-06	3	2025-04-23	10.72	3.89	243.2	28.75	55.8	77.6
MS-09	3	2025-04-23	3.3	2.62	257.9	28.64	54.9	78.2
MS-12	3	2025-04-23	8.91	2.11	226	28.71	55.4	78
MS-08	3	2025-04-23	10.19	2.03	257	28.62	54.6	79.5
MS-11	3	2025-04-23	11.27	2.07	251.3	28.39	55.2	79.8

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-09	3	2025-04-24	2.54	3.39	253.2	28.64	57	70.4
MS-06	3	2025-04-24	7.36	4.75	248.1	28.74	57.5	70.2
MS-08	3	2025-04-24	7.1	2.58	253.1	28.62	56.6	71.8
MS-12	3	2025-04-24	5.85	2.59	189	28.71	57.5	70.6
MS-11	3	2025-04-24	6.82	2.55	206.2	28.39	57.9	70.8
MS-08	3	2025-04-25	5.28	2.51	258.5	28.61	54.5	67.6
MS-12	3	2025-04-25	4.25	3.23	168.4	28.7	55.2	67.1
MS-11	3	2025-04-25	4.98	3.17	181	28.38	54.9	65.6
MS-06	3	2025-04-25	5.28	4.36	230.9	28.74	55.3	66.6
MS-06	4	2025-04-28	2.79	3.91	250.6	28.83	56.6	71.5
MS-10	4	2025-04-28	2.52	3.13	255.6	28.9	56.7	72.2
MS-11	4	2025-04-28	2.65	2.39	194.1	28.47	57.8	70.8
MS-06	4	2025-04-29	4.22	4.09	245.6	28.81	61.4	67.3
MS-08	4	2025-04-29	3.49	2.51	240.2	28.68	60.3	67.8
MS-11	4	2025-04-29	4	2.17	181.7	28.46	63.5	65.4
MS-10	4	2025-04-29	3.67	3.15	227.6	28.88	61.8	66.8
MS-12	4	2025-04-29	3.24	2.88	323.8	28.77	60.7	68.1
MS-12	4	2025-04-30	7.89	2.49	194.5	28.73	58.8	76.1
MS-08	4	2025-04-30	9.53	2.43	242	28.64	58.6	76.4
MS-11	4	2025-04-30	10.51	2.25	199.3	28.41	60.4	76.2
MS-06	4	2025-04-30	9.99	3.88	250.3	28.77	59.4	76.6
MS-09	4	2025-04-30	2.91	3.04	244.8	28.66	59.5	74.4
MS-10	4	2025-04-30	9.22	2.99	206.9	28.83	59.7	76.2
MS-10	4	2025-05-01	11.98	3.15	232.2	28.81	59.2	80.5
MS-12	4	2025-05-01	9.9	2.32	199	28.7	58.7	81.3
MS-06	4	2025-05-01	11.97	4.1	240.6	28.74	58.8	80.6
MS-08	4	2025-05-01	11.13	2.27	242.3	28.62	57.6	83
MS-09	4	2025-05-01	3.4	2.88	239.9	28.64	58.5	81
MS-11	4	2025-05-01	13.48	2.3	220.5	28.39	58.4	82.2
MS-10	4	2025-05-02	9.56	3.07	220.9	28.8	60.3	78.1
MS-09	4	2025-05-02	3.13	2.76	242.3	28.63	60	77.3
MS-11	4	2025-05-02	9.7	2.23	208.8	28.38	60.1	79.2
MS-06	4	2025-05-02	10.18	3.81	243.1	28.74	59.7	78.9
MS-08	4	2025-05-02	9.56	2.18	232.1	28.61	59.1	78.8
MS-12	4	2025-05-02	8.58	2.19	237.7	28.69	59.5	78.6
MS-08	4	2025-05-03	11.48	1.88	251.8	28.58	54.7	89.1
MS-09	4	2025-05-03	3.85	2.59	257.2	28.6	55.1	88
MS-10	4	2025-05-03	12.84	2.67	247.8	28.78	56.2	87.4
MS-12	4	2025-05-03	11.31	1.92	233.2	28.67	55.8	87.8
MS-11	4	2025-05-03	12.27	1.44	264.3	28.35	54.9	91.8
MS-06	4	2025-05-03	13.47	3.24	241.3	28.72	56.1	87.7
MS-12	4	2025-05-04	4.91	2.97	184	28.52	57.8	78.4

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-06	4	2025-05-04	6.09	4.43	232.8	28.57	57.5	78.7
MS-10	4	2025-05-04	5.76	3.23	225.1	28.63	57.4	79.7
MS-11	4	2025-05-04	5.8	2.35	189.9	28.21	56.1	83
MS-08	4	2025-05-04	5.87	2.68	252.3	28.43	56.9	79.4
MS-11	4	2025-05-05	8.99	2.38	193.1	28.27	58.5	78.7
MS-08	4	2025-05-05	8.55	2.3	238.8	28.5	58.1	78.7
MS-09	4	2025-05-05	3.3	3.09	229.8	28.51	58.6	77.5
MS-06	4	2025-05-05	9.37	3.48	235.3	28.63	59.1	76.6
MS-10	4	2025-05-05	9.04	3.23	220	28.69	59.4	77.4
MS-12	4	2025-05-05	7.35	2.6	180.4	28.58	59	77.7
MS-08	4	2025-05-06	6.96	2.05	251.7	28.63	56.8	83
MS-06	4	2025-05-06	7.2	3.91	224.3	28.76	57.6	82.2
MS-12	4	2025-05-06	5.65	2.03	189.1	28.71	57.8	81.8
MS-10	4	2025-05-06	6.66	3.13	236.7	28.82	57.8	82.1
MS-09	4	2025-05-06	2.5	2.77	234.7	28.64	57	82.4
MS-11	4	2025-05-06	7.45	1.52	218.9	28.4	56.7	85.3
MS-06	4	2025-05-07	6.15	4.53	245.3	28.81	61.7	73.6
MS-08	4	2025-05-07	5.46	3	247.9	28.68	60.9	73.6
MS-11	4	2025-05-07	6.2	2.32	202	28.46	63.1	72.5
MS-12	4	2025-05-07	4.7	2.51	299.9	28.77	61.4	73.4
MS-10	4	2025-05-07	5.61	3.53	240.8	28.87	62.4	73.2
MS-10	4	2025-05-08	5.97	3.01	251.5	28.9	68	61.5
MS-11	4	2025-05-08	6.26	2.29	159.4	28.49	70	58.7
MS-08	4	2025-05-08	5.83	2.48	252	28.71	66.7	61.8
MS-06	4	2025-05-08	6.95	3.55	244	28.84	67.9	61.2
MS-12	4	2025-05-08	5.26	2.85	319.8	28.8	67.6	61
MS-08	4	2025-05-09	3.2	2.65	249.7	28.67	74.9	47.7
MS-12	4	2025-05-09	3.11	3	314.2	28.75	75.9	46.1
MS-10	4	2025-05-09	4.07	2.62	289.2	28.85	76	48.1
MS-11	4	2025-05-09	3.5	2.53	168.5	28.45	78.9	40.9
MS-06	4	2025-05-09	4.26	3.75	235.2	28.79	76.6	45.3
MS-10	4	2025-05-10	2.84	2.53	280.9	28.77	78.6	42.1
MS-06	4	2025-05-10	3.01	3.17	245.1	28.72	79.2	38.3
MS-11	4	2025-05-10	2.55	2.64	159.7	28.37	82	33.7
MS-12	4	2025-05-11	3.13	3.15	327.8	28.64	74.3	42.7
MS-11	4	2025-05-11	3.31	3	171.9	28.33	77.2	36.4
MS-08	4	2025-05-11	3.71	2.61	260	28.55	73.2	44.5
MS-10	4	2025-05-11	3.93	2.86	265.1	28.74	74.7	45
MS-06	4	2025-05-11	4.13	3.78	244.2	28.68	75.2	41.1
MS-06	4	2025-05-12	7.8	5.27	253.4	28.7	62.5	65.3
MS-09	4	2025-05-12	2.85	4.67	232.1	28.58	62.1	63.7
MS-12	4	2025-05-12	5.87	4.09	154	28.65	62.1	64.6

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	4	2025-05-12	7.47	3.1	183	28.34	64.1	62.5
MS-08	4	2025-05-12	7.46	2.97	252.6	28.56	61.2	66.2
MS-10	4	2025-05-12	6.89	4.55	241.2	28.76	62.6	65.6
MS-10	4	2025-05-13	3.14	4.12	244.6	28.81	59.9	63.4
MS-11	4	2025-05-13	3.02	2.87	192	28.39	60.2	61.2
MS-12	4	2025-05-13	2.72	2.93	207.6	28.71	59.2	63.9
MS-06	4	2025-05-13	3.68	4.89	244.6	28.76	59.7	63
MS-08	4	2025-05-13	3.3	2.73	251.6	28.62	58.1	65.3
MS-10	4	2025-05-14	3.82	3.76	253.7	28.85	62.7	56.8
MS-06	4	2025-05-14	4.58	5.17	265.7	28.79	62.6	54.9
MS-08	4	2025-05-14	3.46	2.97	262.9	28.65	60.9	55.5
MS-11	4	2025-05-14	3.05	2.99	192.4	28.43	64.3	48.2
MS-12	4	2025-05-14	3.02	3.45	331.3	28.74	61.7	55.2
MS-06	4	2025-05-15	7	4.57	252.5	28.76	63.2	58.7
MS-09	4	2025-05-15	2.53	3.58	281	28.63	63	57.1
MS-08	4	2025-05-15	6.32	2.66	252.8	28.62	61.7	60.8
MS-12	4	2025-05-15	5.31	2.89	318.4	28.71	63.1	58.6
MS-11	4	2025-05-15	5.95	2.36	195.8	28.4	65.2	55.8
MS-10	4	2025-05-15	5.51	3.44	250	28.82	63.4	58.5
MS-10	4	2025-05-16	8.2	3.44	235.7	28.79	61.8	69
MS-07	4	2025-05-16	2.59	5.84	287.5	28.62	60.5	70.9
MS-12	4	2025-05-16	7.58	2.88	238.5	28.69	61.3	68.4
MS-11	4	2025-05-16	9.87	2.5	195.3	28.37	62.8	68.6
MS-09	4	2025-05-16	3.37	3.33	263.1	28.61	61.5	66.8
MS-06	4	2025-05-16	9.52	4.36	246.3	28.73	61.4	69
MS-08	4	2025-05-16	9.46	2.63	247.9	28.6	60.3	70.4
MS-11	4	2025-05-17	7.1	1.84	203.7	28.39	55.8	84.9
MS-10	4	2025-05-17	6.69	2.96	242.4	28.82	56.4	84
MS-06	4	2025-05-17	7.66	3.47	241	28.76	56.3	83.5
MS-12	4	2025-05-17	6.29	1.85	194.6	28.71	56.1	84.5
MS-08	4	2025-05-17	7.54	1.63	250.8	28.62	55.2	85.4
MS-10	4	2025-05-18	4.19	4.02	245.4	28.8	61.1	69.3
MS-11	4	2025-05-18	4.4	2.72	207.7	28.38	62.7	65.3
MS-08	4	2025-05-18	4.36	2.98	255.4	28.6	59.9	69.9
MS-12	4	2025-05-18	3.88	3	198.3	28.69	60.7	69
MS-06	4	2025-05-18	4.46	5.08	248.7	28.74	61	68.2
MS-11	4	2025-05-19	4.26	5.2	13	28.41	74.5	30.5
MS-10	4	2025-05-19	4.64	2.55	27.6	28.82	71.8	43.1
MS-08	4	2025-05-19	4.33	3.25	342.9	28.62	71.1	39.1
MS-12	4	2025-05-19	4.18	5	341	28.71	71.8	39.1
MS-06	4	2025-05-19	4.91	4.86	355.2	28.75	72.3	38.7
MS-11	4	2025-05-20	4.3	2.84	120.5	28.37	78.5	32.4

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-08	4	2025-05-20	4.36	2.84	259.3	28.59	72	40.7
MS-06	4	2025-05-20	5.15	4.5	263.6	28.72	75.6	34.9
MS-12	4	2025-05-20	3.88	3.08	324	28.68	73.4	38.4
MS-10	4	2025-05-20	4.53	3.37	253.5	28.78	75.4	36.9
MS-09	4	2025-05-21	3.64	3.48	314.6	28.6	72.3	39.8
MS-08	4	2025-05-21	4.92	2.81	263.4	28.58	70.7	43.4
MS-06	4	2025-05-21	5.33	4.33	249	28.71	73	39.3
MS-10	4	2025-05-21	5.05	3.06	265.6	28.77	72.4	43.6
MS-12	4	2025-05-21	4.31	3.07	314.4	28.67	71.8	41.6
MS-07	4	2025-05-21	3.98	5.94	313.7	28.6	73.1	38.4
MS-11	4	2025-05-21	4.62	2.62	174.6	28.36	76.1	36.2
MS-06	4	2025-05-22	8.09	4.77	245.1	28.71	70.8	47.6
MS-10	4	2025-05-22	6.96	3.42	239.8	28.77	70.7	49.6
MS-07	4	2025-05-22	8.34	6.19	304.6	28.6	70.5	47.9
MS-12	4	2025-05-22	6.41	2.84	303.7	28.67	70.9	47.8
MS-08	4	2025-05-22	7.16	2.81	248.4	28.58	69.4	49.4
MS-11	4	2025-05-22	7.5	2.38	208.6	28.36	73.9	44.1
MS-09	4	2025-05-22	6.51	3.56	292.9	28.62	71.1	45.5
MS-07	4	2025-05-23	10.37	5.92	280.9	28.6	64.1	65.2
MS-12	4	2025-05-23	8.11	2.92	240.6	28.68	64.7	63.3
MS-08	4	2025-05-23	10.13	2.71	255.3	28.58	64	65.1
MS-11	4	2025-05-23	9.74	2.9	205.7	28.35	72.6	52.9
MS-09	4	2025-05-23	8.78	3.52	274.7	28.62	65.2	61.5
MS-06	4	2025-05-23	10.44	4.53	253.9	28.72	65.5	63.6
MS-10	4	2025-05-23	9.24	3.67	263.4	28.77	65.3	65.1
MS-09	4	2025-05-24	8.31	3.62	253.5	28.67	62.7	68.1
MS-08	4	2025-05-24	9.2	2.57	247.9	28.63	61.9	69.6
MS-06	4	2025-05-24	8.91	4.88	258	28.76	62.8	68.8
MS-12	4	2025-05-24	7.35	2.78	177.8	28.72	62.6	68.6
MS-10	4	2025-05-24	8.04	3.64	235.1	28.82	62.8	70.4
MS-11	4	2025-05-24	9.22	2.38	211.4	28.4	64.3	67.7
MS-07	4	2025-05-24	9.3	5.4	260.1	28.65	61.4	71.4
MS-12	4	2025-05-25	6.96	2.57	285.4	28.75	62.3	70
MS-06	4	2025-05-25	8.05	4.44	250	28.79	62.4	70.2
MS-10	4	2025-05-25	7.39	3.38	237	28.85	62.5	71.5
MS-09	4	2025-05-25	7.69	3.43	264.3	28.7	62.2	70
MS-08	4	2025-05-25	8.46	2.7	251	28.66	61.1	72
MS-11	4	2025-05-25	8.43	2.48	243.8	28.43	63.5	70.2
MS-07	4	2025-05-25	8.7	5.82	301.5	28.68	61.3	72.4
MS-08	4	2025-05-26	7.4	2.7	251	28.63	61.5	72.7
MS-12	4	2025-05-26	6.23	2.91	303.8	28.73	62.6	70.7
MS-07	4	2025-05-26	7.71	6.02	292.6	28.66	61.8	73

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	4	2025-05-26	7.52	2.12	152.1	28.4	64.5	69.6
MS-06	4	2025-05-26	7.23	4.44	253.7	28.77	62.9	70.6
MS-09	4	2025-05-26	6.79	3.4	289.6	28.67	62.6	70.2
MS-10	4	2025-05-26	6.56	3.42	252.4	28.83	63.1	71.9
MS-07	4	2025-05-27	8.81	5.46	289.2	28.65	63.2	72
MS-11	4	2025-05-27	8.74	2.14	234.3	28.4	65.9	69.5
MS-09	4	2025-05-27	8.1	3.13	276	28.66	64.6	68.5
MS-10	4	2025-05-27	7.57	3.17	219.6	28.82	64.7	70.5
MS-06	4	2025-05-27	8.49	4.13	251.9	28.76	64.4	69.6
MS-12	4	2025-05-27	7.18	2.44	240.4	28.72	64.2	69
MS-08	4	2025-05-27	8.65	2.52	243.7	28.63	63.7	70.3
MS-10	4	2025-05-28	8.11	3.04	217.2	28.82	61.8	76.9
MS-11	4	2025-05-28	8.77	2.23	197	28.39	62.2	76.3
MS-12	4	2025-05-28	7.42	2.39	198.1	28.72	61.4	74.6
MS-08	4	2025-05-28	8.54	2.42	237	28.62	60.9	75.3
MS-09	4	2025-05-28	8.11	3.1	245.3	28.66	61.8	73.7
MS-07	4	2025-05-28	9.27	5.01	259.9	28.64	60	78.6
MS-06	4	2025-05-28	9.34	4.28	243.2	28.75	61.3	76.8
MS-10	4	2025-05-29	7.74	3.25	224.7	28.79	67.6	69.6
MS-07	4	2025-05-29	8.65	4.83	235.6	28.62	65.8	71.7
MS-12	4	2025-05-29	7.27	2.54	195.1	28.7	67.6	68.4
MS-06	4	2025-05-29	8.7	4.53	239.7	28.73	67	69.6
MS-11	4	2025-05-29	9.56	2.19	240.2	28.37	67.9	68.9
MS-08	4	2025-05-29	8.32	2.37	233.9	28.6	66.9	68.5
MS-09	4	2025-05-29	8.12	3.17	222.8	28.64	67.8	67.1
MS-09	4	2025-05-30	5.39	3.22	266.8	28.64	77	49.5
MS-07	4	2025-05-30	6.59	5.51	291	28.63	76.2	52.8
MS-12	4	2025-05-30	5.15	2.92	318.5	28.71	76.5	51.4
MS-06	4	2025-05-30	6.44	3.88	249.1	28.74	76.7	52
MS-11	4	2025-05-30	6.08	2.26	170.9	28.39	79	48.6
MS-10	4	2025-05-30	5.58	2.88	291	28.8	76.2	54.4
MS-08	4	2025-05-30	5.67	2.61	242.3	28.61	75.3	52.3
MS-10	4	2025-05-31	4.67	2.88	260	28.8	76.8	52.3
MS-11	4	2025-05-31	5.12	2.52	183.3	28.39	80.1	42.7
MS-08	4	2025-05-31	4.48	2.55	253.6	28.61	76.6	44.1
MS-06	4	2025-05-31	5.31	3.89	241.5	28.74	77.2	48.9
MS-07	4	2025-05-31	5.27	5.36	295	28.63	76.7	47.9
MS-12	4	2025-05-31	4.34	2.85	298.9	28.71	77.2	46.5
MS-09	4	2025-05-31	4.25	3.17	294.2	28.64	78.1	41.4
MS-06	4	2025-06-01	4.85	3.91	251.5	28.71	72.3	53.6
MS-10	4	2025-06-01	4.22	2.87	256.9	28.77	72.2	54.7
MS-07	4	2025-06-01	4.83	4.8	241.5	28.61	71.1	53.5

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-12	4	2025-06-01	3.86	2.99	173.6	28.68	72.2	50.7
MS-09	4	2025-06-01	4.05	3.18	245.5	28.62	72.6	46.9
MS-11	4	2025-06-01	4.16	2.48	188.5	28.36	74.5	46.3
MS-08	4	2025-06-01	4.07	2.38	250.3	28.58	71.7	48.1
MS-09	4	2025-06-02	3.42	3.35	252.4	28.65	69.2	57.7
MS-10	4	2025-06-02	3.84	3.16	237.4	28.8	68.9	64.9
MS-11	4	2025-06-02	3.59	2.92	181.2	28.39	70	59.6
MS-06	4	2025-06-02	4.22	4.05	249.6	28.74	68.7	63.2
MS-12	4	2025-06-02	3.21	2.9	201.2	28.71	68.7	60.6
MS-08	4	2025-06-02	3.65	2.76	258.4	28.61	67.8	60.2
MS-07	4	2025-06-02	4.31	5.48	266.8	28.64	67.9	62.4
MS-08	4	2025-06-03	5.81	2.03	249.8	28.61	64.1	76.8
MS-10	4	2025-06-03	5.67	2.27	225.9	28.8	64.6	78.6
MS-11	4	2025-06-03	6.8	2.01	197.5	28.38	63.8	81
MS-09	4	2025-06-03	5.58	2.33	229.9	28.64	64.6	76.1
MS-07	4	2025-06-03	6.3	4.55	257.9	28.63	63.4	79.1
MS-06	4	2025-06-03	6.08	3.31	232.7	28.74	64.4	77.5
MS-12	4	2025-06-03	5.25	2.13	185.9	28.71	64.8	76.3
MS-11	4	2025-06-04	8.97	1.94	246.4	28.33	64.6	80
MS-12	4	2025-06-04	5.88	2.3	191.8	28.65	64.9	76.8
MS-09	4	2025-06-04	8.05	2.82	244.6	28.59	64.5	77.1
MS-06	4	2025-06-04	7.05	3.88	244.1	28.69	64.8	76.6
MS-10	4	2025-06-04	7.32	2.7	218.6	28.75	65.1	77.9
MS-07	4	2025-06-04	7.44	4.97	247.3	28.58	63.2	80.1
MS-08	4	2025-06-04	8.12	2.14	240.6	28.56	64.1	78
MS-09	4	2025-06-05	10.41	3.03	256.4	28.59	64.4	75.2
MS-12	4	2025-06-05	9.47	2.41	239.8	28.66	64.8	75.2
MS-06	4	2025-06-05	10.65	3.73	238.5	28.69	64.8	75.6
MS-11	4	2025-06-05	11.09	2.18	241.2	28.33	64.3	78.1
MS-08	4	2025-06-05	10.57	2.18	245.6	28.56	63.8	76.4
MS-10	4	2025-06-05	10.16	2.92	235.2	28.75	65.1	76.1
MS-07	4	2025-06-05	10.19	5.11	270	28.59	63.4	78.3
MS-09	4	2025-06-06	6.44	3.33	250.7	28.61	65	72.4
MS-07	4	2025-06-06	7.16	5.63	263.4	28.6	63.4	76.5
MS-08	4	2025-06-06	6.35	2.52	242.9	28.58	64.1	73.8
MS-12	4	2025-06-06	5.97	2.73	196.1	28.68	65	73
MS-11	4	2025-06-06	6.21	2.32	204.2	28.35	65.8	73.8
MS-06	4	2025-06-06	7.34	4.91	246.2	28.71	64.6	74.6
MS-10	4	2025-06-06	6.51	3.58	213.7	28.77	65.3	74.2
MS-08	4	2025-06-07	6.21	2.46	241.7	28.62	64.6	71.8
MS-11	4	2025-06-07	5.96	2.47	209.1	28.4	65.8	72.8
MS-09	4	2025-06-07	5.78	3.3	254.9	28.66	65.4	70.9

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-07	4	2025-06-07	6.59	5.55	257.4	28.65	63.4	75.5
MS-12	4	2025-06-07	5.62	2.49	206.5	28.72	65.2	72.3
MS-10	4	2025-06-07	5.99	3.36	224.3	28.82	65.5	73
MS-06	4	2025-06-07	6.67	4.46	248.8	28.76	64.8	73.5
MS-10	4	2025-06-08	5.55	3.59	242.1	28.8	67.2	70.5
MS-08	4	2025-06-08	6.19	2.65	240.4	28.61	66.2	69.8
MS-06	4	2025-06-08	6.19	4.28	249	28.74	66.5	70.8
MS-12	4	2025-06-08	5.43	2.94	175.6	28.71	67	69.2
MS-09	4	2025-06-08	5.82	3.37	251.5	28.64	67.5	67.8
MS-11	4	2025-06-08	6.58	2.14	201.5	28.38	68.8	68.5
MS-07	4	2025-06-08	6.49	5.21	250.5	28.63	65.7	72.1
MS-09	4	2025-06-09	8.13	3.35	240	28.6	68.8	67.3
MS-11	4	2025-06-09	8.79	1.9	217.8	28.35	70.4	67.4
MS-06	4	2025-06-09	9.15	4.75	252.9	28.7	67.1	71.8
MS-10	4	2025-06-09	7.51	3.37	243.4	28.76	67.9	71.3
MS-07	4	2025-06-09	8.83	5.09	244.9	28.6	65.9	73.6
MS-12	4	2025-06-09	7.7	2.8	197.2	28.67	67.5	70
MS-08	4	2025-06-09	8.09	2.55	238.4	28.57	67.4	69.8
MS-08	4	2025-06-10	8.12	2.62	239.7	28.59	69.4	68.1
MS-07	4	2025-06-10	9.28	5.16	257.2	28.61	68	71.7
MS-06	4	2025-06-10	9.53	4.49	251.4	28.72	69.1	70.1
MS-11	4	2025-06-10	8.66	2.04	227.5	28.36	72.3	65.8
MS-09	4	2025-06-10	8.35	3.18	233.6	28.61	70.8	65.5
MS-10	4	2025-06-10	7.72	3.33	221.5	28.78	69.9	69.7
MS-12	4	2025-06-10	7.82	2.8	194.7	28.68	69.4	68.7
MS-06	4	2025-06-11	8.63	4.83	258.4	28.69	69.4	69.6
MS-08	4	2025-06-11	7.29	2.5	230.8	28.56	69.7	66.9
MS-11	4	2025-06-11	7.79	2.02	208.8	28.33	73	64
MS-10	4	2025-06-11	7.36	3.25	217.7	28.75	70.2	69.2
MS-12	4	2025-06-11	6.72	2.65	188.3	28.66	69.9	67.9
MS-07	4	2025-06-11	8.52	4.85	254.2	28.58	67.9	71.2
MS-09	4	2025-06-11	7.5	3.11	234.3	28.58	71.2	64.4
MS-07	4	2025-06-12	10.35	5.19	261.9	28.54	66.4	72.2
MS-10	4	2025-06-12	9.61	3.23	221.3	28.71	68.6	70
MS-06	4	2025-06-12	10.96	4.43	254.7	28.65	67.8	70.4
MS-09	4	2025-06-12	9.39	3.15	257.8	28.54	68.8	66.8
MS-12	4	2025-06-12	9.18	2.6	183.4	28.62	68.2	68.9
MS-08	4	2025-06-12	10.31	2.53	240.8	28.52	67.7	68.2
MS-11	4	2025-06-12	10.05	2.36	292.4	28.29	69.9	67.4
MS-12	4	2025-06-13	7.46	2.62	179.9	28.62	67.6	67.9
MS-08	4	2025-06-13	8.37	2.6	239.4	28.52	67.2	67.8
MS-10	4	2025-06-13	8.39	3.41	224.7	28.71	67.8	69.4

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	4	2025-06-13	8.81	2.18	213.5	28.3	70.3	66.5
MS-09	4	2025-06-13	8.88	3.17	277.2	28.55	68.6	65.7
MS-07	4	2025-06-13	8.9	5.01	261.9	28.55	66.2	70.8
MS-06	4	2025-06-13	9.22	4.5	256.2	28.65	67.2	69.6
MS-12	4	2025-06-14	7.18	2.65	189.2	28.66	71.1	62.5
MS-06	4	2025-06-14	8.12	3.9	257.6	28.69	70.8	64.8
MS-07	4	2025-06-14	8.33	5	274.2	28.59	69.9	65.7
MS-11	4	2025-06-14	8.62	2.12	182.1	28.34	73.9	61.5
MS-10	4	2025-06-14	7.27	3.03	254.4	28.75	71.4	65
MS-08	4	2025-06-14	7.6	2.53	243	28.56	70.6	62.3
MS-08	4	2025-06-15	7.49	2.5	249.8	28.56	76.3	50.1
MS-10	4	2025-06-15	6.7	2.9	257.9	28.74	77.3	51.1
MS-07	4	2025-06-15	8.1	5.15	303.8	28.58	77.6	48.5
MS-12	4	2025-06-15	6.63	3.02	258.1	28.65	77.6	49
MS-06	4	2025-06-15	7.66	3.69	246.6	28.68	77.6	49.6
MS-11	4	2025-06-15	7.43	2.22	192.8	28.34	81	44.1
MS-10	4	2025-06-16	9.37	3.18	268.9	28.74	77.3	49.5
MS-08	4	2025-06-16	11.39	2.61	245.7	28.55	75.9	48.4
MS-11	4	2025-06-16	11.01	2.23	201.1	28.33	81.2	40.2
MS-06	4	2025-06-16	10.6	4.09	248.1	28.68	77.3	47.8
MS-12	4	2025-06-16	9.11	2.91	300.7	28.65	77.2	47.2
MS-07	4	2025-06-16	11.21	5.78	306.4	28.58	77.2	46.8
MS-11	4	2025-06-17	4.89	3.3	22.5	28.29	86.3	20.8
MS-07	4	2025-06-17	7.16	5.45	283.5	28.53	83.1	26.1
MS-06	4	2025-06-17	6.42	4.46	281.5	28.63	84.6	25.5
MS-12	4	2025-06-17	5.37	3.19	318.8	28.6	80.8	28.7
MS-08	4	2025-06-17	5.96	2.96	261.2	28.51	79.7	28.6
MS-10	4	2025-06-17	5.33	3.4	244.6	28.68	83.8	27.8
MS-07	4	2025-06-18	10.04	5.62	295.5	28.5	76	42.9
MS-06	4	2025-06-18	8.8	4.17	250	28.61	76.8	44.9
MS-10	4	2025-06-18	7.61	2.97	242.8	28.66	76.3	47.7
MS-08	4	2025-06-18	7.56	2.65	248.4	28.48	75.7	40.9
MS-11	4	2025-06-18	7.2	2.17	208.8	28.26	79.9	36.5
MS-12	4	2025-06-18	6.57	2.74	262.2	28.58	76.4	41
MS-08	4	2025-06-19	9.56	2.59	238.9	28.49	69.9	58.3
MS-12	4	2025-06-19	7.71	2.64	208.1	28.59	70.9	58.9
MS-11	4	2025-06-19	8.95	2.31	249.4	28.27	72.7	57.6
MS-06	4	2025-06-19	9.28	4.62	252.5	28.62	70.4	61.2
MS-10	4	2025-06-19	8.37	3.32	226	28.68	70.8	61.5
MS-07	4	2025-06-19	9.35	5.55	281.4	28.52	69.4	61.5
MS-12	4	2025-06-20	8.77	2.79	184.2	28.59	66.9	65.6
MS-06	4	2025-06-20	10.84	4.74	259.1	28.62	67	66.4

Table A-2
24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	4	2025-06-20	10.65	2.4	243	28.27	69.1	64
MS-07	4	2025-06-20	10.52	5.7	260.6	28.52	65.7	68.2
MS-10	4	2025-06-20	9.97	3.63	256.8	28.68	67	68.3
MS-08	4	2025-06-20	10.47	2.67	245.7	28.49	66.1	67.2
MS-08	4	2025-06-21	9.3	2.78	244.4	28.51	64.4	64.5
MS-06	4	2025-06-21	9.38	4.56	258.5	28.64	65.5	63.6
MS-07	4	2025-06-21	9.46	5.61	274.4	28.53	64.3	66.1
MS-11	4	2025-06-21	9.81	2.29	253.1	28.28	67.8	60.8
MS-12	4	2025-06-21	7.81	2.84	184.4	28.61	65.1	63.6
MS-10	4	2025-06-21	8.62	3.78	246.7	28.7	65.8	63.8
MS-11	4	2025-06-22	5.01	2.94	215.5	28.33	72.5	33.8
MS-12	4	2025-06-22	4.63	3.14	302.7	28.65	70.1	37.8
MS-06	4	2025-06-22	5.55	4.84	256	28.68	70.8	35.7
MS-07	4	2025-06-22	5.8	6.48	279.2	28.57	69.7	38.2
MS-08	4	2025-06-22	5.29	2.81	259.6	28.55	68.9	38.5
MS-10	4	2025-06-22	4.82	3.77	241.8	28.74	71	38.1
MS-10	4	2025-06-23	8.56	3.32	247.2	28.76	66.9	62.6
MS-06	4	2025-06-23	8.95	4.04	252.7	28.7	67	61.5
MS-08	4	2025-06-23	9.92	2.88	259.5	28.57	65.6	64.4
MS-12	4	2025-06-23	8.02	2.8	282	28.67	66.7	61.6
MS-07	4	2025-06-23	9.21	5.85	295.6	28.6	65.9	63.2
MS-11	4	2025-06-23	9.41	2.5	173.7	28.35	68.6	61
MS-12	4	2025-06-24	6.07	2.44	182.4	28.73	64.2	71.1
MS-08	4	2025-06-24	7.64	2.35	245.5	28.63	63.6	71.6
MS-07	4	2025-06-24	6.42	4.87	245.4	28.65	62.5	75.4
MS-06	4	2025-06-24	6.91	4.36	259.9	28.76	64.1	72.9
MS-11	4	2025-06-24	8.16	2.26	253.7	28.4	65.7	71.5
MS-10	4	2025-06-24	6.41	3.31	220.8	28.82	64.5	73.3
MS-06	4	2025-06-25	6.31	4.39	247.5	28.74	68.1	68.5
MS-12	4	2025-06-25	5.62	2.61	251	28.71	68.6	66.5
MS-08	4	2025-06-25	6.51	2.47	240.5	28.61	67.8	66.8
MS-07	4	2025-06-25	7.06	5.39	292.5	28.64	67.2	69.8
MS-10	4	2025-06-25	5.75	3.3	236.2	28.8	68.9	68.3
MS-11	4	2025-06-25	6.44	2.21	231.2	28.39	70.3	66
MS-12	4	2025-06-26	7.08	2.68	175.5	28.67	70.5	63.4
MS-07	4	2025-06-26	8.3	4.79	231.1	28.6	69	67.3
MS-08	4	2025-06-26	7.62	2.34	242.4	28.58	70.5	62.2
MS-06	4	2025-06-26	8.03	3.81	253.7	28.7	70.6	64.5
MS-10	4	2025-06-26	7.79	2.98	226.4	28.76	70.8	65.7
MS-11	4	2025-06-26	7.74	2.16	285.8	28.35	73	62.2
MS-12	4	2025-06-27	7.67	2.43	228.9	28.68	73.2	59
MS-10	4	2025-06-27	7.74	2.79	245.9	28.77	73	63

Table A-2

24-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	4	2025-06-27	8.67	2.19	251.4	28.36	75.4	58.8
MS-07	4	2025-06-27	8.82	5.1	237.6	28.6	71.7	62.6
MS-08	4	2025-06-27	7.77	2.44	246.1	28.58	72.3	59
MS-06	4	2025-06-27	8.12	3.61	252.6	28.71	73.1	61.4
MS-12	4	2025-06-28	5.19	2.53	312.9	28.73	74.5	47.3
MS-10	4	2025-06-28	5.48	2.56	286.2	28.82	74.5	52
MS-08	4	2025-06-28	5.4	2.54	258.5	28.63	73.7	47.5
MS-11	4	2025-06-28	5.4	2.51	170.1	28.41	76.8	43.7
MS-06	4	2025-06-28	5.74	3.49	251	28.76	74.8	49
MS-07	4	2025-06-28	5.99	5.63	301.8	28.65	74.1	48.4
MS-07	4	2025-06-29	3.72	5.63	321.3	28.63	75.8	36.9
MS-08	4	2025-06-29	3.33	2.73	254.6	28.61	74.6	37.8
MS-12	4	2025-06-29	3.18	2.95	310.7	28.71	75.7	37.6
MS-10	4	2025-06-29	3.38	3.05	262.9	28.79	75.2	41.4
MS-06	4	2025-06-29	3.7	3.93	245.9	28.74	75.7	38.3
MS-11	4	2025-06-29	3.97	2.48	192.4	28.39	78.1	36.2
MS-11	4	2025-06-30	3.3	2.37	182.5	28.32	77.8	39.2
MS-07	4	2025-06-30	3.59	6.15	297.8	28.57	74.5	41.6
MS-08	4	2025-06-30	3.05	2.76	259.7	28.55	74.1	40.2
MS-10	4	2025-06-30	3.24	3.07	277.5	28.73	74.7	46.9
MS-06	4	2025-06-30	3.42	4.06	245.9	28.67	75	43.2
MS-12	4	2025-06-30	2.84	2.94	267	28.65	75	40.6

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-06	1	2025-04-01	4.35	3.68	257.7	28.73	52.3	65.9
MS-11	1	2025-04-01	3.49	3.02	202.7	28.36	52.3	67
MS-08	1	2025-04-01	3.72	2.77	263.4	28.59	50.6	68.7
MS-12	1	2025-04-01	3.03	3.13	334.7	28.68	51.1	68.5
MS-10	1	2025-04-01	3.19	2.69	327	28.79	52.6	66.5
MS-06	1	2025-04-02	2.69	4.71	310.6	28.62	49.9	58.7
MS-10	1	2025-04-03	3.5	2.86	266.8	28.78	49.6	65.8
MS-06	1	2025-04-03	4.61	3.69	249.9	28.71	49.5	63.8
MS-08	1	2025-04-03	4.14	2.57	261	28.57	47.8	68.4
MS-09	1	2025-04-03	2.94	3.24	290	28.61	48.7	65.3
MS-11	1	2025-04-03	3.65	2.35	143.3	28.34	51.7	60.5
MS-12	1	2025-04-03	3.57	2.85	326.6	28.67	48.2	67.6
MS-12	1	2025-04-04	2.57	2.82	329.5	28.82	54.1	56.6
MS-10	1	2025-04-04	2.68	2.36	337	28.93	55.4	55.4
MS-08	1	2025-04-04	2.81	2.6	261.6	28.73	53.7	57.4
MS-06	1	2025-04-04	3.44	3.44	257.7	28.87	55.3	53.2
MS-10	1	2025-04-05	2.56	2.48	14.7	29.07	59.7	43
MS-06	1	2025-04-05	2.83	4.02	282.9	29	59.5	40.4
MS-08	1	2025-04-05	2.93	2.99	280.7	28.87	57.8	45.3
MS-12	1	2025-04-05	2.95	3.61	326.4	28.96	58.2	44.5
MS-12	1	2025-04-06	3.01	3.03	325.7	28.94	59.4	45.9
MS-11	1	2025-04-06	2.84	2.33	165.3	28.62	63.7	36.5
MS-08	1	2025-04-06	3.25	2.56	257.3	28.85	58.4	47.7
MS-09	1	2025-04-06	2.63	3.27	290.5	28.88	59.6	44.2
MS-10	1	2025-04-06	3.11	2.64	282.9	29.05	60.1	44
MS-06	1	2025-04-06	3.64	3.59	250.6	28.98	60.5	41.9
MS-06	1	2025-04-07	5.79	3.83	254.3	28.87	61.4	47.6
MS-08	1	2025-04-07	4.88	2.55	257.3	28.74	59.6	52.3
MS-10	1	2025-04-07	4.86	2.75	287.9	28.94	61	50.5
MS-09	1	2025-04-07	3.66	3.25	303.6	28.77	60.9	48.7
MS-11	1	2025-04-07	4.88	2.25	170.6	28.51	63.9	43.2
MS-12	1	2025-04-07	4.49	2.94	326.1	28.83	60.5	50.4
MS-08	1	2025-04-08	5.84	2.47	252.8	28.69	61.3	61.8
MS-10	1	2025-04-08	5.62	2.72	267.3	28.89	63.5	58.9
MS-12	1	2025-04-08	5.25	2.67	324.3	28.78	62.4	59.4
MS-11	1	2025-04-08	5.12	2.24	171.6	28.46	67.1	53.3
MS-09	1	2025-04-08	4.34	3.04	309.8	28.72	63	57.5
MS-06	1	2025-04-08	7.54	3.7	253	28.82	63.8	56.6
MS-11	1	2025-04-09	6.39	2.15	156.8	28.5	68.6	55.7
MS-09	1	2025-04-09	4.47	3.13	331.9	28.77	65.9	58.9
MS-12	1	2025-04-09	5.78	2.59	322.8	28.82	65.2	61
MS-08	1	2025-04-09	6.22	2.47	255.9	28.74	64.4	62.5

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-10	1	2025-04-09	6.18	2.46	247.5	28.93	66.2	60.7
MS-06	1	2025-04-09	7.78	3.42	247.2	28.86	66.3	59.1
MS-11	1	2025-04-10	6.99	2.2	165.5	28.55	69.7	53.6
MS-08	1	2025-04-10	6.77	2.41	253	28.78	65.5	61.8
MS-12	1	2025-04-10	6.12	2.66	326.6	28.87	66.4	60.4
MS-06	1	2025-04-10	8.56	3.34	250	28.91	67.1	58.6
MS-10	1	2025-04-10	7.92	2.27	293.9	28.97	67.1	59.9
MS-09	1	2025-04-10	4.9	2.66	327.8	28.81	66.9	58.3
MS-09	1	2025-04-11	2.86	3.24	300.2	28.71	67.8	55
MS-12	1	2025-04-11	6.52	2.88	332.5	28.77	67.6	57.6
MS-11	1	2025-04-11	7.14	2.29	169.9	28.45	71	50.2
MS-06	1	2025-04-11	8.46	3.89	246.3	28.81	68.2	55.8
MS-08	1	2025-04-11	7.43	2.6	258.4	28.68	66.7	58.3
MS-08	1	2025-04-12	8.62	2.53	253.1	28.61	62	65.7
MS-09	1	2025-04-12	3.1	2.98	309.9	28.64	63.6	61.5
MS-11	1	2025-04-12	8.05	2.27	185.3	28.38	65.8	58.5
MS-07	1	2025-04-12	2.52	4.87	312.1	28.63	63.1	63.7
MS-06	1	2025-04-12	8.65	3.77	246.8	28.74	63.6	62.8
MS-12	1	2025-04-12	6.78	2.43	313	28.7	62.9	64.1
MS-09	1	2025-04-13	5.47	2.95	303.4	28.63	60.3	69
MS-08	1	2025-04-13	11.22	2.51	252.9	28.6	58.9	72.4
MS-06	1	2025-04-13	11.48	3.59	250.7	28.73	59.9	71.6
MS-11	1	2025-04-13	11.72	2.02	166.3	28.37	62.1	69.5
MS-07	1	2025-04-13	2.75	5.12	313.6	28.62	59	73.9
MS-12	1	2025-04-13	9.21	2.42	307.2	28.69	59.4	71.6
MS-06	1	2025-04-14	12.22	3.63	251	28.77	56.5	75.7
MS-07	1	2025-04-14	2.57	5.45	307.1	28.66	55.4	78.9
MS-08	1	2025-04-14	10.4	2.36	248.8	28.64	55.7	75.5
MS-12	1	2025-04-14	9.38	2.67	289.7	28.73	56.1	75.3
MS-09	1	2025-04-14	4.29	3.06	288.4	28.66	56.9	71.5
MS-11	1	2025-04-14	10.86	2.13	185.1	28.41	58.4	74.1
MS-07	1	2025-04-15	2.81	5.16	282.2	28.7	53.1	80
MS-09	1	2025-04-15	5.42	2.73	284.8	28.7	53.7	76.8
MS-11	1	2025-04-15	12.72	2.11	236	28.45	54.4	78.6
MS-08	1	2025-04-15	13.66	2.21	255.6	28.68	53.3	78.4
MS-06	1	2025-04-15	14.27	3.85	248.6	28.81	54.5	77.2
MS-12	1	2025-04-15	12.04	2.34	310.4	28.77	53.9	77.4
MS-06	1	2025-04-16	9.25	3.96	246.4	28.76	53.8	71.1
MS-12	1	2025-04-16	5.94	2.46	183	28.72	53.5	71.3
MS-11	1	2025-04-16	7.06	2.39	186	28.4	53.4	72.5
MS-08	1	2025-04-16	7.56	2.14	256.1	28.63	52.8	72.5
MS-09	1	2025-04-16	3.03	3.55	242.1	28.65	53	71.4

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-12	1	2025-04-17	3.78	2.58	164.7	28.72	53.8	74
MS-08	1	2025-04-17	4.86	1.81	248.1	28.62	53	75.1
MS-11	1	2025-04-17	3.73	1.92	191.8	28.39	53.1	73.4
MS-06	1	2025-04-17	4.69	3.84	245.7	28.76	53.9	73
MS-08	1	2025-04-18	5.95	2.39	260.3	28.64	54.3	76.2
MS-11	1	2025-04-18	4.64	2.06	205.4	28.41	54.9	74.4
MS-06	1	2025-04-18	5.75	4.45	242.8	28.78	55.3	73.7
MS-12	1	2025-04-18	4.73	2.67	194.4	28.74	55.2	74.9
MS-08	1	2025-04-19	5.55	2.64	246.2	28.75	57.6	57.5
MS-12	1	2025-04-19	5.1	3.01	333.3	28.84	58.6	56.4
MS-11	1	2025-04-19	5.34	2.51	178.7	28.52	60.2	53.9
MS-06	1	2025-04-19	7.05	3.97	248.7	28.88	59.3	54.2
MS-08	1	2025-04-20	5.38	2.73	253.9	28.71	58	54.5
MS-12	1	2025-04-20	4.66	2.76	322.7	28.8	59.1	52.4
MS-06	1	2025-04-20	6.19	3.89	246.3	28.84	59.6	51.7
MS-11	1	2025-04-20	4.83	2.37	170.3	28.48	61.9	46.8
MS-09	1	2025-04-21	2.98	3.19	276.9	28.66	60.3	58
MS-11	1	2025-04-21	7.71	2.45	174	28.4	62.7	57.1
MS-08	1	2025-04-21	8	2.55	256.2	28.63	59.1	61.8
MS-12	1	2025-04-21	7.11	2.74	311.6	28.72	60	60.6
MS-06	1	2025-04-21	9.83	3.92	247.5	28.76	60.3	61.3
MS-07	1	2025-04-21	2.74	5.68	315	28.65	59.8	61
MS-09	1	2025-04-22	3.86	3.15	281	28.62	57	70.5
MS-06	1	2025-04-22	13.45	4.46	254.6	28.73	57.3	75.6
MS-08	1	2025-04-22	10.64	2.4	240.6	28.6	55.5	74
MS-11	1	2025-04-22	10.43	2.33	242.4	28.37	58.3	73.1
MS-12	1	2025-04-22	10.45	2.6	234.6	28.69	56.5	75.1
MS-07	1	2025-04-22	2.52	4.96	284.3	28.62	55.8	78
MS-09	1	2025-04-23	3.75	2.62	257.9	28.64	54.9	78.2
MS-12	1	2025-04-23	10.2	2.11	226	28.71	55.4	78
MS-11	1	2025-04-23	12.46	2.07	251.3	28.39	55.2	79.8
MS-08	1	2025-04-23	12.01	2.03	257	28.62	54.6	79.5
MS-06	1	2025-04-23	12.73	3.89	243.2	28.75	55.8	77.6
MS-09	1	2025-04-24	3.32	3.39	253.2	28.64	57	70.4
MS-11	1	2025-04-24	8.22	2.55	206.2	28.39	57.9	70.8
MS-12	1	2025-04-24	7.42	2.59	189	28.71	57.5	70.6
MS-06	1	2025-04-24	10.43	4.75	248.1	28.74	57.5	70.2
MS-08	1	2025-04-24	9.32	2.58	253.1	28.62	56.6	71.8
MS-11	1	2025-04-25	5.95	3.17	181	28.38	54.9	65.6
MS-06	1	2025-04-25	7.4	4.36	230.9	28.74	55.3	66.6
MS-12	1	2025-04-25	5.65	3.23	168.4	28.7	55.2	67.1
MS-08	1	2025-04-25	6.92	2.51	258.5	28.61	54.5	67.6

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-09	1	2025-04-25	2.51	3.94	224.7	28.63	54.7	66.8
MS-06	2	2025-04-28	4.62	3.91	250.6	28.83	56.6	71.5
MS-12	2	2025-04-28	2.97	2.59	325.3	28.79	55.8	72.9
MS-10	2	2025-04-28	3.07	3.13	255.6	28.9	56.7	72.2
MS-11	2	2025-04-28	3.36	2.39	194.1	28.47	57.8	70.8
MS-07	2	2025-04-28	3.09	5.25	292.3	28.73	55.6	73.8
MS-08	2	2025-04-28	3.28	2.53	253.7	28.7	54.9	73.9
MS-08	2	2025-04-29	5.14	2.51	240.2	28.68	60.3	67.8
MS-10	2	2025-04-29	4.58	3.15	227.6	28.88	61.8	66.8
MS-11	2	2025-04-29	5.4	2.17	181.7	28.46	63.5	65.4
MS-12	2	2025-04-29	4.7	2.88	323.8	28.77	60.7	68.1
MS-06	2	2025-04-29	6.61	4.09	245.6	28.81	61.4	67.3
MS-07	2	2025-04-29	2.97	5.09	318.6	28.7	60.7	69
MS-12	2	2025-04-30	9.08	2.49	194.5	28.73	58.8	76.1
MS-11	2	2025-04-30	11.75	2.25	199.3	28.41	60.4	76.2
MS-06	2	2025-04-30	12.45	3.88	250.3	28.77	59.4	76.6
MS-08	2	2025-04-30	11.54	2.43	242	28.64	58.6	76.4
MS-10	2	2025-04-30	10	2.99	206.9	28.83	59.7	76.2
MS-09	2	2025-04-30	3.38	3.04	244.8	28.66	59.5	74.4
MS-11	2	2025-05-01	14.32	2.3	220.5	28.39	58.4	82.2
MS-12	2	2025-05-01	10.72	2.32	199	28.7	58.7	81.3
MS-08	2	2025-05-01	12.14	2.27	242.3	28.62	57.6	83
MS-10	2	2025-05-01	12.72	3.15	232.2	28.81	59.2	80.5
MS-06	2	2025-05-01	13.34	4.1	240.6	28.74	58.8	80.6
MS-09	2	2025-05-01	3.71	2.88	239.9	28.64	58.5	81
MS-09	2	2025-05-02	3.5	2.76	242.3	28.63	60	77.3
MS-11	2	2025-05-02	10.69	2.23	208.8	28.38	60.1	79.2
MS-12	2	2025-05-02	9.68	2.19	237.7	28.69	59.5	78.6
MS-06	2	2025-05-02	11.9	3.81	243.1	28.74	59.7	78.9
MS-08	2	2025-05-02	10.76	2.18	232.1	28.61	59.1	78.8
MS-10	2	2025-05-02	10.4	3.07	220.9	28.8	60.3	78.1
MS-08	2	2025-05-03	12.11	1.88	251.8	28.58	54.7	89.1
MS-06	2	2025-05-03	14.1	3.24	241.3	28.72	56.1	87.7
MS-10	2	2025-05-03	13.14	2.67	247.8	28.78	56.2	87.4
MS-12	2	2025-05-03	11.81	1.92	233.2	28.67	55.8	87.8
MS-09	2	2025-05-03	4.01	2.59	257.2	28.6	55.1	88
MS-11	2	2025-05-03	12.64	1.44	264.3	28.35	54.9	91.8
MS-07	2	2025-05-03	2.59	3.85	275.2	28.6	54.6	91.1
MS-08	2	2025-05-04	6.99	2.68	252.3	28.43	56.9	79.4
MS-10	2	2025-05-04	6.24	3.23	225.1	28.63	57.4	79.7
MS-06	2	2025-05-04	7.1	4.43	232.8	28.57	57.5	78.7
MS-12	2	2025-05-04	5.69	2.97	184	28.52	57.8	78.4

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	2	2025-05-04	6.41	2.35	189.9	28.21	56.1	83
MS-07	2	2025-05-05	3.11	4.16	212.9	28.52	57.8	79.7
MS-12	2	2025-05-05	8.74	2.6	180.4	28.58	59	77.7
MS-08	2	2025-05-05	10.41	2.3	238.8	28.5	58.1	78.7
MS-06	2	2025-05-05	11.13	3.48	235.3	28.63	59.1	76.6
MS-10	2	2025-05-05	9.93	3.23	220	28.69	59.4	77.4
MS-09	2	2025-05-05	3.75	3.09	229.8	28.51	58.6	77.5
MS-11	2	2025-05-05	10.19	2.38	193.1	28.27	58.5	78.7
MS-10	2	2025-05-06	7.27	3.13	236.7	28.82	57.8	82.1
MS-06	2	2025-05-06	8.45	3.91	224.3	28.76	57.6	82.2
MS-09	2	2025-05-06	2.79	2.77	234.7	28.64	57	82.4
MS-11	2	2025-05-06	8.32	1.52	218.9	28.4	56.7	85.3
MS-08	2	2025-05-06	8.12	2.05	251.7	28.63	56.8	83
MS-12	2	2025-05-06	6.44	2.03	189.1	28.71	57.8	81.8
MS-10	2	2025-05-07	6.86	3.53	240.8	28.87	62.4	73.2
MS-11	2	2025-05-07	7.77	2.32	202	28.46	63.1	72.5
MS-08	2	2025-05-07	7.6	3	247.9	28.68	60.9	73.6
MS-12	2	2025-05-07	6.45	2.51	299.9	28.77	61.4	73.4
MS-06	2	2025-05-07	8.95	4.53	245.3	28.81	61.7	73.6
MS-09	2	2025-05-07	2.73	3.42	261.2	28.7	61.8	72.3
MS-10	2	2025-05-08	7.8	3.01	251.5	28.9	68	61.5
MS-06	2	2025-05-08	11.28	3.55	244	28.84	67.9	61.2
MS-12	2	2025-05-08	8.02	2.85	319.8	28.8	67.6	61
MS-07	2	2025-05-08	3.29	6.02	316.1	28.74	67.5	61.7
MS-09	2	2025-05-08	3.39	3.18	292.8	28.73	68	59.2
MS-11	2	2025-05-08	8.98	2.29	159.4	28.49	70	58.7
MS-08	2	2025-05-08	9.27	2.48	252	28.71	66.7	61.8
MS-10	2	2025-05-09	5.57	2.62	289.2	28.85	76	48.1
MS-07	2	2025-05-09	2.65	5.77	335.3	28.69	76.5	44.3
MS-11	2	2025-05-09	5.39	2.53	168.5	28.45	78.9	40.9
MS-08	2	2025-05-09	6.08	2.65	249.7	28.67	74.9	47.7
MS-12	2	2025-05-09	5.84	3	314.2	28.75	75.9	46.1
MS-06	2	2025-05-09	9.09	3.75	235.2	28.79	76.6	45.3
MS-12	2	2025-05-10	4.78	2.97	329.4	28.67	78.8	39.1
MS-11	2	2025-05-10	4.13	2.64	159.7	28.37	82	33.7
MS-06	2	2025-05-10	5.77	3.17	245.1	28.72	79.2	38.3
MS-10	2	2025-05-10	3.95	2.53	280.9	28.77	78.6	42.1
MS-08	2	2025-05-10	4.94	2.65	260.4	28.59	77.1	41.7
MS-10	2	2025-05-11	4.89	2.86	265.1	28.74	74.7	45
MS-12	2	2025-05-11	5	3.15	327.8	28.64	74.3	42.7
MS-11	2	2025-05-11	4.63	3	171.9	28.33	77.2	36.4
MS-06	2	2025-05-11	6.49	3.78	244.2	28.68	75.2	41.1

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-08	2	2025-05-11	6.2	2.61	260	28.55	73.2	44.5
MS-06	2	2025-05-12	11.99	5.27	253.4	28.7	62.5	65.3
MS-09	2	2025-05-12	3.6	4.67	232.1	28.58	62.1	63.7
MS-11	2	2025-05-12	9.26	3.1	183	28.34	64.1	62.5
MS-10	2	2025-05-12	8.68	4.55	241.2	28.76	62.6	65.6
MS-07	2	2025-05-12	3.82	6.59	232.8	28.59	61.6	65.9
MS-08	2	2025-05-12	11.04	2.97	252.6	28.56	61.2	66.2
MS-12	2	2025-05-12	8.41	4.09	154	28.65	62.1	64.6
MS-07	2	2025-05-13	2.7	5.54	251.5	28.64	58.5	65.2
MS-08	2	2025-05-13	5.61	2.73	251.6	28.62	58.1	65.3
MS-10	2	2025-05-13	4.46	4.12	244.6	28.81	59.9	63.4
MS-11	2	2025-05-13	4.38	2.87	192	28.39	60.2	61.2
MS-06	2	2025-05-13	6.96	4.89	244.6	28.76	59.7	63
MS-12	2	2025-05-13	4.71	2.93	207.6	28.71	59.2	63.9
MS-06	2	2025-05-14	8.73	5.17	265.7	28.79	62.6	54.9
MS-07	2	2025-05-14	2.66	6.26	280.3	28.68	61.6	56
MS-08	2	2025-05-14	6.32	2.97	262.9	28.65	60.9	55.5
MS-11	2	2025-05-14	4.85	2.99	192.4	28.43	64.3	48.2
MS-12	2	2025-05-14	5.52	3.45	331.3	28.74	61.7	55.2
MS-10	2	2025-05-14	5.28	3.76	253.7	28.85	62.7	56.8
MS-06	2	2025-05-15	12.73	4.57	252.5	28.76	63.2	58.7
MS-12	2	2025-05-15	8.26	2.89	318.4	28.71	63.1	58.6
MS-07	2	2025-05-15	3.46	5.91	305.5	28.65	62.5	59.6
MS-11	2	2025-05-15	8.34	2.36	195.8	28.4	65.2	55.8
MS-08	2	2025-05-15	9.69	2.66	252.8	28.62	61.7	60.8
MS-09	2	2025-05-15	3.5	3.58	281	28.63	63	57.1
MS-10	2	2025-05-15	7.2	3.44	250	28.82	63.4	58.5
MS-08	2	2025-05-16	12.34	2.63	247.9	28.6	60.3	70.4
MS-12	2	2025-05-16	9.94	2.88	238.5	28.69	61.3	68.4
MS-11	2	2025-05-16	11.75	2.5	195.3	28.37	62.8	68.6
MS-09	2	2025-05-16	4.1	3.33	263.1	28.61	61.5	66.8
MS-07	2	2025-05-16	3.66	5.84	287.5	28.62	60.5	70.9
MS-06	2	2025-05-16	13.7	4.36	246.3	28.73	61.4	69
MS-10	2	2025-05-16	9.5	3.44	235.7	28.79	61.8	69
MS-09	2	2025-05-17	2.79	2.62	245.8	28.63	55.6	83.7
MS-10	2	2025-05-17	7.18	2.96	242.4	28.82	56.4	84
MS-08	2	2025-05-17	8.74	1.63	250.8	28.62	55.2	85.4
MS-11	2	2025-05-17	7.78	1.84	203.7	28.39	55.8	84.9
MS-12	2	2025-05-17	7.32	1.85	194.6	28.71	56.1	84.5
MS-06	2	2025-05-17	12.3	3.47	241	28.76	56.3	83.5
MS-11	2	2025-05-18	5.43	2.72	207.7	28.38	62.7	65.3
MS-06	2	2025-05-18	6.12	5.08	248.7	28.74	61	68.2

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-12	2	2025-05-18	5.63	3	198.3	28.69	60.7	69
MS-10	2	2025-05-18	4.91	4.02	245.4	28.8	61.1	69.3
MS-08	2	2025-05-18	5.96	2.98	255.4	28.6	59.9	69.9
MS-08	2	2025-05-19	8.24	3.25	342.9	28.62	71.1	39.1
MS-10	2	2025-05-19	6.67	2.55	27.6	28.82	71.8	43.1
MS-06	2	2025-05-19	8.97	4.86	355.2	28.75	72.3	38.7
MS-11	2	2025-05-19	7.62	5.2	13	28.41	74.5	30.5
MS-07	2	2025-05-19	3.06	7.36	6.2	28.64	72.1	38.4
MS-09	2	2025-05-19	2.56	5.26	23.9	28.63	72	37
MS-12	2	2025-05-19	7.63	5	341	28.71	71.8	39.1
MS-11	2	2025-05-20	7.33	2.84	120.5	28.37	78.5	32.4
MS-07	2	2025-05-20	3.34	6.26	316.9	28.61	75.2	34.6
MS-09	2	2025-05-20	5.83	3.63	303.7	28.6	75.2	35
MS-10	2	2025-05-20	6.59	3.37	253.5	28.78	75.4	36.9
MS-06	2	2025-05-20	10.31	4.5	263.6	28.72	75.6	34.9
MS-08	2	2025-05-20	8.45	2.84	259.3	28.59	72	40.7
MS-12	2	2025-05-20	7.64	3.08	324	28.68	73.4	38.4
MS-10	2	2025-05-21	8.36	3.06	265.6	28.77	72.4	43.6
MS-12	2	2025-05-21	8.39	3.07	314.4	28.67	71.8	41.6
MS-09	2	2025-05-21	7.55	3.48	314.6	28.6	72.3	39.8
MS-07	2	2025-05-21	7.15	5.94	313.7	28.6	73.1	38.4
MS-06	2	2025-05-21	10.16	4.33	249	28.71	73	39.3
MS-08	2	2025-05-21	9.53	2.81	263.4	28.58	70.7	43.4
MS-11	2	2025-05-21	7.54	2.62	174.6	28.36	76.1	36.2
MS-12	2	2025-05-22	10.43	2.84	303.7	28.67	70.9	47.8
MS-10	2	2025-05-22	10.44	3.42	239.8	28.77	70.7	49.6
MS-11	2	2025-05-22	10.67	2.38	208.6	28.36	73.9	44.1
MS-09	2	2025-05-22	11.38	3.56	292.9	28.62	71.1	45.5
MS-07	2	2025-05-22	10.55	6.19	304.6	28.6	70.5	47.9
MS-06	2	2025-05-22	13.03	4.77	245.1	28.71	70.8	47.6
MS-08	2	2025-05-22	11.52	2.81	248.4	28.58	69.4	49.4
MS-07	2	2025-05-23	12.14	5.92	280.9	28.6	64.1	65.2
MS-10	2	2025-05-23	12.25	3.67	263.4	28.77	65.3	65.1
MS-08	2	2025-05-23	14.14	2.71	255.3	28.58	64	65.1
MS-11	2	2025-05-23	12.34	2.9	205.7	28.35	72.6	52.9
MS-06	2	2025-05-23	14.36	4.53	253.9	28.72	65.5	63.6
MS-09	2	2025-05-23	12.76	3.52	274.7	28.62	65.2	61.5
MS-12	2	2025-05-23	11.2	2.92	240.6	28.68	64.7	63.3
MS-06	2	2025-05-24	11.6	4.88	258	28.76	62.8	68.8
MS-09	2	2025-05-24	11.25	3.62	253.5	28.67	62.7	68.1
MS-10	2	2025-05-24	10.09	3.64	235.1	28.82	62.8	70.4
MS-11	2	2025-05-24	10.85	2.38	211.4	28.4	64.3	67.7

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-08	2	2025-05-24	12.2	2.57	247.9	28.63	61.9	69.6
MS-07	2	2025-05-24	10.66	5.4	260.1	28.65	61.4	71.4
MS-12	2	2025-05-24	9.49	2.78	177.8	28.72	62.6	68.6
MS-06	2	2025-05-25	9.99	4.44	250	28.79	62.4	70.2
MS-10	2	2025-05-25	8.87	3.38	237	28.85	62.5	71.5
MS-07	2	2025-05-25	9.66	5.82	301.5	28.68	61.3	72.4
MS-11	2	2025-05-25	9.94	2.48	243.8	28.43	63.5	70.2
MS-12	2	2025-05-25	9.59	2.57	285.4	28.75	62.3	70
MS-08	2	2025-05-25	10.61	2.7	251	28.66	61.1	72
MS-09	2	2025-05-25	13.03	3.43	264.3	28.7	62.2	70
MS-09	2	2025-05-26	11.54	3.4	289.6	28.67	62.6	70.2
MS-11	2	2025-05-26	9.03	2.12	152.1	28.4	64.5	69.6
MS-06	2	2025-05-26	9.64	4.44	253.7	28.77	62.9	70.6
MS-12	2	2025-05-26	8.3	2.91	303.8	28.73	62.6	70.7
MS-07	2	2025-05-26	8.74	6.02	292.6	28.66	61.8	73
MS-08	2	2025-05-26	9.68	2.7	251	28.63	61.5	72.7
MS-10	2	2025-05-26	8.22	3.42	252.4	28.83	63.1	71.9
MS-10	2	2025-05-27	10.13	3.17	219.6	28.82	64.7	70.5
MS-11	2	2025-05-27	10.8	2.14	234.3	28.4	65.9	69.5
MS-08	2	2025-05-27	11.97	2.52	243.7	28.63	63.7	70.3
MS-07	2	2025-05-27	10.31	5.46	289.2	28.65	63.2	72
MS-09	2	2025-05-27	11.29	3.13	276	28.66	64.6	68.5
MS-12	2	2025-05-27	9.72	2.44	240.4	28.72	64.2	69
MS-06	2	2025-05-27	12.7	4.13	251.9	28.76	64.4	69.6
MS-08	2	2025-05-28	11.14	2.42	237	28.62	60.9	75.3
MS-10	2	2025-05-28	9.96	3.04	217.2	28.82	61.8	76.9
MS-09	2	2025-05-28	10.66	3.1	245.3	28.66	61.8	73.7
MS-12	2	2025-05-28	9.51	2.39	198.1	28.72	61.4	74.6
MS-07	2	2025-05-28	11.13	5.01	259.9	28.64	60	78.6
MS-06	2	2025-05-28	12.37	4.28	243.2	28.75	61.3	76.8
MS-11	2	2025-05-28	10.33	2.23	197	28.39	62.2	76.3
MS-06	2	2025-05-29	12.01	4.53	239.7	28.73	67	69.6
MS-09	2	2025-05-29	11.1	3.17	222.8	28.64	67.8	67.1
MS-08	2	2025-05-29	11.15	2.37	233.9	28.6	66.9	68.5
MS-07	2	2025-05-29	10.29	4.83	235.6	28.62	65.8	71.7
MS-12	2	2025-05-29	9.59	2.54	195.1	28.7	67.6	68.4
MS-10	2	2025-05-29	10.21	3.25	224.7	28.79	67.6	69.6
MS-11	2	2025-05-29	11.69	2.19	240.2	28.37	67.9	68.9
MS-09	2	2025-05-30	9.58	3.22	266.8	28.64	77	49.5
MS-12	2	2025-05-30	8.44	2.92	318.5	28.71	76.5	51.4
MS-10	2	2025-05-30	8.99	2.88	291	28.8	76.2	54.4
MS-08	2	2025-05-30	9.79	2.61	242.3	28.61	75.3	52.3

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-11	2	2025-05-30	8.73	2.26	170.9	28.39	79	48.6
MS-07	2	2025-05-30	8.77	5.51	291	28.63	76.2	52.8
MS-06	2	2025-05-30	11.2	3.88	249.1	28.74	76.7	52
MS-07	2	2025-05-31	7.24	5.36	295	28.63	76.7	47.9
MS-11	2	2025-05-31	7.5	2.52	183.3	28.39	80.1	42.7
MS-08	2	2025-05-31	8.36	2.55	253.6	28.61	76.6	44.1
MS-09	2	2025-05-31	8.13	3.17	294.2	28.64	78.1	41.4
MS-10	2	2025-05-31	7.32	2.88	260	28.8	76.8	52.3
MS-12	2	2025-05-31	7.52	2.85	298.9	28.71	77.2	46.5
MS-06	2	2025-05-31	9.35	3.89	241.5	28.74	77.2	48.9
MS-12	2	2025-06-01	6.03	2.99	173.6	28.68	72.2	50.7
MS-10	2	2025-06-01	6.14	2.87	256.9	28.77	72.2	54.7
MS-07	2	2025-06-01	6.12	4.8	241.5	28.61	71.1	53.5
MS-08	2	2025-06-01	7.03	2.38	250.3	28.58	71.7	48.1
MS-11	2	2025-06-01	5.74	2.48	188.5	28.36	74.5	46.3
MS-09	2	2025-06-01	7.04	3.18	245.5	28.62	72.6	46.9
MS-06	2	2025-06-01	7.1	3.91	251.5	28.71	72.3	53.6
MS-09	2	2025-06-02	5.86	3.35	252.4	28.65	69.2	57.7
MS-06	2	2025-06-02	7.13	4.05	249.6	28.74	68.7	63.2
MS-12	2	2025-06-02	5.28	2.9	201.2	28.71	68.7	60.6
MS-11	2	2025-06-02	5.5	2.92	181.2	28.39	70	59.6
MS-08	2	2025-06-02	6.59	2.76	258.4	28.61	67.8	60.2
MS-07	2	2025-06-02	6.2	5.48	266.8	28.64	67.9	62.4
MS-10	2	2025-06-02	5.73	3.16	237.4	28.8	68.9	64.9
MS-08	2	2025-06-03	7.76	2.03	249.8	28.61	64.1	76.8
MS-06	2	2025-06-03	8.43	3.31	232.7	28.74	64.4	77.5
MS-12	2	2025-06-03	6.58	2.13	185.9	28.71	64.8	76.3
MS-07	2	2025-06-03	7.2	4.55	257.9	28.63	63.4	79.1
MS-09	2	2025-06-03	7.52	2.33	229.9	28.64	64.6	76.1
MS-11	2	2025-06-03	8.26	2.01	197.5	28.38	63.8	81
MS-10	2	2025-06-03	7.25	2.27	225.9	28.8	64.6	78.6
MS-08	2	2025-06-04	9.79	2.14	240.6	28.56	64.1	78
MS-09	2	2025-06-04	9.59	2.82	244.6	28.59	64.5	77.1
MS-07	2	2025-06-04	9.93	4.97	247.3	28.58	63.2	80.1
MS-12	2	2025-06-04	7.18	2.3	191.8	28.65	64.9	76.8
MS-11	2	2025-06-04	10.04	1.94	246.4	28.33	64.6	80
MS-06	2	2025-06-04	8.76	3.88	244.1	28.69	64.8	76.6
MS-10	2	2025-06-04	8.68	2.7	218.6	28.75	65.1	77.9
MS-10	2	2025-06-05	11.52	2.92	235.2	28.75	65.1	76.1
MS-07	2	2025-06-05	10.92	5.11	270	28.59	63.4	78.3
MS-11	2	2025-06-05	12.33	2.18	241.2	28.33	64.3	78.1
MS-09	2	2025-06-05	12.08	3.03	256.4	28.59	64.4	75.2

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-06	2	2025-06-05	12.3	3.73	238.5	28.69	64.8	75.6
MS-12	2	2025-06-05	10.72	2.41	239.8	28.66	64.8	75.2
MS-08	2	2025-06-05	12.44	2.18	245.6	28.56	63.8	76.4
MS-07	2	2025-06-06	8.26	5.63	263.4	28.6	63.4	76.5
MS-12	2	2025-06-06	7.72	2.73	196.1	28.68	65	73
MS-11	2	2025-06-06	7.68	2.32	204.2	28.35	65.8	73.8
MS-10	2	2025-06-06	8.39	3.58	213.7	28.77	65.3	74.2
MS-08	2	2025-06-06	8.64	2.52	242.9	28.58	64.1	73.8
MS-06	2	2025-06-06	9.62	4.91	246.2	28.71	64.6	74.6
MS-09	2	2025-06-06	8.75	3.33	250.7	28.61	65	72.4
MS-10	2	2025-06-07	7.44	3.36	224.3	28.82	65.5	73
MS-12	2	2025-06-07	7.05	2.49	206.5	28.72	65.2	72.3
MS-09	2	2025-06-07	7.89	3.3	254.9	28.66	65.4	70.9
MS-06	2	2025-06-07	10.77	4.46	248.8	28.76	64.8	73.5
MS-11	2	2025-06-07	7.38	2.47	209.1	28.4	65.8	72.8
MS-08	2	2025-06-07	8.33	2.46	241.7	28.62	64.6	71.8
MS-07	2	2025-06-07	9.51	5.55	257.4	28.65	63.4	75.5
MS-08	2	2025-06-08	8.43	2.65	240.4	28.61	66.2	69.8
MS-11	2	2025-06-08	8.01	2.14	201.5	28.38	68.8	68.5
MS-12	2	2025-06-08	6.99	2.94	175.6	28.71	67	69.2
MS-09	2	2025-06-08	8.07	3.37	251.5	28.64	67.5	67.8
MS-10	2	2025-06-08	7.1	3.59	242.1	28.8	67.2	70.5
MS-06	2	2025-06-08	8.28	4.28	249	28.74	66.5	70.8
MS-07	2	2025-06-08	7.43	5.21	250.5	28.63	65.7	72.1
MS-06	2	2025-06-09	13.53	4.75	252.9	28.7	67.1	71.8
MS-09	2	2025-06-09	11.47	3.35	240	28.6	68.8	67.3
MS-10	2	2025-06-09	9.7	3.37	243.4	28.76	67.9	71.3
MS-08	2	2025-06-09	11.03	2.55	238.4	28.57	67.4	69.8
MS-11	2	2025-06-09	10.69	1.9	217.8	28.35	70.4	67.4
MS-12	2	2025-06-09	9.73	2.8	197.2	28.67	67.5	70
MS-07	2	2025-06-09	10.03	5.09	244.9	28.6	65.9	73.6
MS-10	2	2025-06-10	10.07	3.33	221.5	28.78	69.9	69.7
MS-08	2	2025-06-10	11.09	2.62	239.7	28.59	69.4	68.1
MS-07	2	2025-06-10	11.1	5.16	257.2	28.61	68	71.7
MS-12	2	2025-06-10	9.94	2.8	194.7	28.68	69.4	68.7
MS-09	2	2025-06-10	12.03	3.18	233.6	28.61	70.8	65.5
MS-06	2	2025-06-10	14.09	4.49	251.4	28.72	69.1	70.1
MS-11	2	2025-06-10	10.75	2.04	227.5	28.36	72.3	65.8
MS-12	2	2025-06-11	8.98	2.65	188.3	28.66	69.9	67.9
MS-11	2	2025-06-11	10.33	2.02	208.8	28.33	73	64
MS-08	2	2025-06-11	10.42	2.5	230.8	28.56	69.7	66.9
MS-09	2	2025-06-11	11.54	3.11	234.3	28.58	71.2	64.4

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-06	2	2025-06-11	13.27	4.83	258.4	28.69	69.4	69.6
MS-10	2	2025-06-11	10.03	3.25	217.7	28.75	70.2	69.2
MS-07	2	2025-06-11	11.36	4.85	254.2	28.58	67.9	71.2
MS-11	2	2025-06-12	12.7	2.36	292.4	28.29	69.9	67.4
MS-07	2	2025-06-12	11.89	5.19	261.9	28.54	66.4	72.2
MS-12	2	2025-06-12	11.48	2.6	183.4	28.62	68.2	68.9
MS-06	2	2025-06-12	14.54	4.43	254.7	28.65	67.8	70.4
MS-08	2	2025-06-12	13.61	2.53	240.8	28.52	67.7	68.2
MS-09	2	2025-06-12	12.69	3.15	257.8	28.54	68.8	66.8
MS-10	2	2025-06-12	12.06	3.23	221.3	28.71	68.6	70
MS-06	2	2025-06-13	12.52	4.5	256.2	28.65	67.2	69.6
MS-11	2	2025-06-13	10.85	2.18	213.5	28.3	70.3	66.5
MS-08	2	2025-06-13	11.54	2.6	239.4	28.52	67.2	67.8
MS-12	2	2025-06-13	9.51	2.62	179.9	28.62	67.6	67.9
MS-10	2	2025-06-13	10.87	3.41	224.7	28.71	67.8	69.4
MS-09	2	2025-06-13	12.78	3.17	277.2	28.55	68.6	65.7
MS-07	2	2025-06-13	10.17	5.01	261.9	28.55	66.2	70.8
MS-06	2	2025-06-14	10.48	3.9	257.6	28.69	70.8	64.8
MS-10	2	2025-06-14	9.44	3.03	254.4	28.75	71.4	65
MS-08	2	2025-06-14	11.02	2.53	243	28.56	70.6	62.3
MS-07	2	2025-06-14	9.71	5	274.2	28.59	69.9	65.7
MS-11	2	2025-06-14	10.73	2.12	182.1	28.34	73.9	61.5
MS-12	2	2025-06-14	9.68	2.65	189.2	28.66	71.1	62.5
MS-12	2	2025-06-15	9.55	3.02	258.1	28.65	77.6	49
MS-06	2	2025-06-15	10.43	3.69	246.6	28.68	77.6	49.6
MS-11	2	2025-06-15	9.82	2.22	192.8	28.34	81	44.1
MS-07	2	2025-06-15	9.73	5.15	303.8	28.58	77.6	48.5
MS-10	2	2025-06-15	9.08	2.9	257.9	28.74	77.3	51.1
MS-08	2	2025-06-15	11.43	2.5	249.8	28.56	76.3	50.1
MS-12	2	2025-06-16	12.84	2.91	300.7	28.65	77.2	47.2
MS-06	2	2025-06-16	15.15	4.09	248.1	28.68	77.3	47.8
MS-07	2	2025-06-16	13.93	5.78	306.4	28.58	77.2	46.8
MS-10	2	2025-06-16	12.88	3.18	268.9	28.74	77.3	49.5
MS-11	2	2025-06-16	14.38	2.23	201.1	28.33	81.2	40.2
MS-08	2	2025-06-16	19.58	2.61	245.7	28.55	75.9	48.4
MS-10	2	2025-06-17	9.58	3.4	244.6	28.68	83.8	27.8
MS-08	2	2025-06-17	12.27	2.96	261.2	28.51	79.7	28.6
MS-07	2	2025-06-17	10.88	5.45	283.5	28.53	83.1	26.1
MS-12	2	2025-06-17	10.25	3.19	318.8	28.6	80.8	28.7
MS-11	2	2025-06-17	10.18	3.3	22.5	28.29	86.3	20.8
MS-06	2	2025-06-17	12.44	4.46	281.5	28.63	84.6	25.5
MS-12	2	2025-06-18	11.35	2.74	262.2	28.58	76.4	41

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-07	2	2025-06-18	15.98	5.62	295.5	28.5	76	42.9
MS-10	2	2025-06-18	11.35	2.97	242.8	28.66	76.3	47.7
MS-08	2	2025-06-18	13.16	2.65	248.4	28.48	75.7	40.9
MS-11	2	2025-06-18	11.15	2.17	208.8	28.26	79.9	36.5
MS-06	2	2025-06-18	13.68	4.17	250	28.61	76.8	44.9
MS-12	2	2025-06-19	11.28	2.64	208.1	28.59	70.9	58.9
MS-07	2	2025-06-19	12.39	5.55	281.4	28.52	69.4	61.5
MS-08	2	2025-06-19	17.51	2.59	238.9	28.49	69.9	58.3
MS-10	2	2025-06-19	12.52	3.32	226	28.68	70.8	61.5
MS-11	2	2025-06-19	12.15	2.31	249.4	28.27	72.7	57.6
MS-06	2	2025-06-19	15.47	4.62	252.5	28.62	70.4	61.2
MS-08	2	2025-06-20	13.98	2.67	245.7	28.49	66.1	67.2
MS-11	2	2025-06-20	13.04	2.4	243	28.27	69.1	64
MS-10	2	2025-06-20	14.64	3.63	256.8	28.68	67	68.3
MS-07	2	2025-06-20	12.54	5.7	260.6	28.52	65.7	68.2
MS-12	2	2025-06-20	11.53	2.79	184.2	28.59	66.9	65.6
MS-06	2	2025-06-20	14.94	4.74	259.1	28.62	67	66.4
MS-06	2	2025-06-21	12.41	4.56	258.5	28.64	65.5	63.6
MS-10	2	2025-06-21	11.75	3.78	246.7	28.7	65.8	63.8
MS-07	2	2025-06-21	11.32	5.61	274.4	28.53	64.3	66.1
MS-12	2	2025-06-21	10.56	2.84	184.4	28.61	65.1	63.6
MS-11	2	2025-06-21	12.21	2.29	253.1	28.28	67.8	60.8
MS-08	2	2025-06-21	12.99	2.78	244.4	28.51	64.4	64.5
MS-10	2	2025-06-22	9.08	3.77	241.8	28.74	71	38.1
MS-07	2	2025-06-22	8.8	6.48	279.2	28.57	69.7	38.2
MS-08	2	2025-06-22	10.93	2.81	259.6	28.55	68.9	38.5
MS-11	2	2025-06-22	8.85	2.94	215.5	28.33	72.5	33.8
MS-06	2	2025-06-22	11.04	4.84	256	28.68	70.8	35.7
MS-12	2	2025-06-22	9.19	3.14	302.7	28.65	70.1	37.8
MS-10	2	2025-06-23	11.49	3.32	247.2	28.76	66.9	62.6
MS-08	2	2025-06-23	14.04	2.88	259.5	28.57	65.6	64.4
MS-06	2	2025-06-23	12	4.04	252.7	28.7	67	61.5
MS-11	2	2025-06-23	11.5	2.5	173.7	28.35	68.6	61
MS-12	2	2025-06-23	10.91	2.8	282	28.67	66.7	61.6
MS-07	2	2025-06-23	11.41	5.85	295.6	28.6	65.9	63.2
MS-08	2	2025-06-24	10.55	2.35	245.5	28.63	63.6	71.6
MS-06	2	2025-06-24	9.44	4.36	259.9	28.76	64.1	72.9
MS-11	2	2025-06-24	9.97	2.26	253.7	28.4	65.7	71.5
MS-10	2	2025-06-24	8.34	3.31	220.8	28.82	64.5	73.3
MS-12	2	2025-06-24	8.21	2.44	182.4	28.73	64.2	71.1
MS-07	2	2025-06-24	8.2	4.87	245.4	28.65	62.5	75.4
MS-07	2	2025-06-25	8.8	5.39	292.5	28.64	67.2	69.8

Table A-2
24-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-12	2	2025-06-25	8.26	2.61	251	28.71	68.6	66.5
MS-10	2	2025-06-25	8.25	3.3	236.2	28.8	68.9	68.3
MS-06	2	2025-06-25	9.18	4.39	247.5	28.74	68.1	68.5
MS-08	2	2025-06-25	10.9	2.47	240.5	28.61	67.8	66.8
MS-11	2	2025-06-25	8.63	2.21	231.2	28.39	70.3	66
MS-07	2	2025-06-26	12.33	4.79	231.1	28.6	69	67.3
MS-06	2	2025-06-26	11.62	3.81	253.7	28.7	70.6	64.5
MS-08	2	2025-06-26	11.79	2.34	242.4	28.58	70.5	62.2
MS-12	2	2025-06-26	9.95	2.68	175.5	28.67	70.5	63.4
MS-10	2	2025-06-26	10.36	2.98	226.4	28.76	70.8	65.7
MS-11	2	2025-06-26	10.31	2.16	285.8	28.35	73	62.2
MS-07	2	2025-06-27	11.78	5.1	237.6	28.6	71.7	62.6
MS-06	2	2025-06-27	11.15	3.61	252.6	28.71	73.1	61.4
MS-08	2	2025-06-27	11.7	2.44	246.1	28.58	72.3	59
MS-11	2	2025-06-27	11.07	2.19	251.4	28.36	75.4	58.8
MS-12	2	2025-06-27	11	2.43	228.9	28.68	73.2	59
MS-10	2	2025-06-27	10.05	2.79	245.9	28.77	73	63
MS-12	2	2025-06-28	8.15	2.53	312.9	28.73	74.5	47.3
MS-11	2	2025-06-28	7.12	2.51	170.1	28.41	76.8	43.7
MS-08	2	2025-06-28	8.96	2.54	258.5	28.63	73.7	47.5
MS-06	2	2025-06-28	7.78	3.49	251	28.76	74.8	49
MS-07	2	2025-06-28	7.52	5.63	301.8	28.65	74.1	48.4
MS-10	2	2025-06-28	7.25	2.56	286.2	28.82	74.5	52
MS-08	2	2025-06-29	5.61	2.73	254.6	28.61	74.6	37.8
MS-06	2	2025-06-29	5.78	3.93	245.9	28.74	75.7	38.3
MS-11	2	2025-06-29	5.51	2.48	192.4	28.39	78.1	36.2
MS-07	2	2025-06-29	5.94	5.63	321.3	28.63	75.8	36.9
MS-10	2	2025-06-29	4.92	3.05	262.9	28.79	75.2	41.4
MS-12	2	2025-06-29	5.13	2.95	310.7	28.71	75.7	37.6
MS-08	2	2025-06-30	6.65	2.76	259.7	28.55	74.1	40.2
MS-06	2	2025-06-30	6.54	4.06	245.9	28.67	75	43.2
MS-11	2	2025-06-30	5.29	2.37	182.5	28.32	77.8	39.2
MS-07	2	2025-06-30	6.43	6.15	297.8	28.57	74.5	41.6
MS-10	2	2025-06-30	5.62	3.07	277.5	28.73	74.7	46.9
MS-12	2	2025-06-30	5.71	2.94	267	28.65	75	40.6

Table A-3

2-Hour Average $PM_{2.5}$ and PM_{10} Community Monitoring Station Data

Table A-3

2-Hour Average PM2.5 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM2.5	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-06	1	2025-05-03 04:00:00	25.03	2.74	235	28.73	53.6	93.3
MS-11	2	2025-06-16 20:00:00	28.88	2.55	203.9	28.31	77.8	43.4

Table A-3

2-Hour Average PM10 Community Monitoring Station Data

Monitoring Station	Event #	Time	PM10	Wind Speed	Wind Direction	Pressure	Air Temperature	Air Relative Humidity
			µg/m³	mph	°	in Hg	°F	%
MS-06	1	2025-05-03 04:00:00	26.01	2.74	235	28.73	53.6	93.3
MS-06	2	2025-05-17 02:00:00	37.23	1.65	233.2	28.77	54.5	91.2
MS-09	3	2025-05-25 22:00:00	33.75	1.41	328.7	28.73	56.6	79.1
MS-09	3	2025-05-26 00:00:00	37.12	1.64	10.3	28.72	53.1	83.5
MS-08	4	2025-06-05 04:00:00	26.27	1.1	228.9	28.57	57.7	90.5
MS-06	5	2025-06-07 04:00:00	28.16	1.53	284.9	28.75	52.6	93.3
MS-08	6	2025-06-16 08:00:00	50.97	1.66	86.4	28.58	79.5	34.7
MS-08	7	2025-06-16 20:00:00	29.63	1.68	247.2	28.53	73.9	46.8
MS-11	7	2025-06-16 20:00:00	33.5	2.55	203.9	28.31	77.8	43.4
MS-07	8	2025-06-18 10:00:00	25.12	7.34	203.9	28.51	89.4	24
MS-07	9	2025-06-18 14:00:00	40.19	9.87	268.8	28.46	95.2	26.7
MS-08	10	2025-06-19 08:00:00	37.07	1.87	146.5	28.51	70.5	57.7
MS-06	10	2025-06-19 10:00:00	36.1	7.15	237.4	28.64	79.9	44.6
MS-08	10	2025-06-19 10:00:00	32.85	4.17	252.4	28.51	79	45.3
MS-07	11	2025-06-26 20:00:00	25.19	2.87	190.7	28.58	67.4	69.2

Appendix B

Second Quarter 2025 Community Air Monitoring Station Monitoring Data (1-Hour Averages)

Since the continuous monitoring data presented in this report includes only exceedance events, the complete 1-hour data set is included as a separate, linked attachment. The one-hour continuous monitoring data for the off-site air monitoring stations (MS-06 through MS-12) referenced in this quarterly report can be accessed on the Chiquita Canyon Landfill in the Air Monitoring Reports section:

https://chiquitacanyon.com/reports/community-air-monitoring-program/

Appendix C

Second Quarter 2025 Community Air Monitoring Station Reporting Thresholds

Table C-1

Discrete Sampling Reporting Thresholds

Table C-1
Discrete Sampling Reporting Thresholds

Compound[1]	CAS No.	REL in µg/m^3 [2]
Benzene	71-43-2	27
Benzyl chloride	100-44-7	240
Chlorobenzene	108-90-7	1000
1,2-Dibromoethane	106-93-4	0.8
Dichlorobenzenes[3]	106-46-7	800
1,1-Dichloroethane	75-34-3	N/A
1,2-Dichloroethane	106-06-2	400
1,1-Dichlroethene	75-35-4	70
Dichloromethane	75-09-2	14,000
Hydrogen Sulfide	7783-06-4	42[4]
Tetrachloroethene	128-18-4	20,000
Tetrachloromethane	56-23-5	1,900
Toluene	108-88-3	5,000
1,1,1-Trichloroethane	71-55-6	68,000
Trichloroethene	79-01-6	600
Vinyl chloride	75-01-4	180,000
Xylenes	1330-20-7	22,000

Notes

[1] List of compounds from SCAQMD Rule 1150.1, Table 1 Toxic Air Contaminant List

[2] RELs based on OEHHA REL for Acute Hazard Index Target Organ Systems (Table 6.1 from the February 2015 Air Toxics Hot Spots Program Guidance Manual).

[3] Includes meta, para, and ortho isomers. Para CAS used for REL.

[4] Based on CAAQS

Acronyms

CAAQS - California Ambient Air Quality Standards
CAS - Chemical Abstracts Service Chemica Registry Number
OEHHA - California Office of Health Hazard Assessment
REL - Reference Exposure Levels
SCAQMD - South Coast Air Quality Management District
µg/m^3 - micrograms per cubic meter

Appendix D

Second Quarter 2025 Discrete Sampling Lab Reports

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: May 8, 2025
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: April 23, 2025
Date Analyzed: April 23-24, 2025

AtmAA Lab No.:	21135-13	21135-14	21135-15
Sample I.D.:	MS-07	MS-08	MS-12
Components	*(Concentration in ppmv)*		
Methane	1.82	1.98	1.60
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.31	0.28	0.31
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	0.34	<0.30	0.40
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.20	0.19	0.19
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	0.20	0.19	0.15
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.84	0.82	0.86
o-xylene	0.46	0.45	0.46

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: April 23, 2025
Date Analyzed: April 23-24, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	MS-07	1.80	1.83	1.82	1.7
		(Concentration in ppbv)			
Hydrogen sulfide	MS-07	<25	<25	---	---
Benzene	MS-07	0.32	0.30	0.31	6.5
Benzyl chloride	MS-07	<0.15	<0.15	---	---
Chlorobenzene	MS-07	<0.15	<0.15	---	---
Dichlorobenzenes	MS-07	0.33	0.34	0.34	3.0
1,1-dichloroethane	MS-07	<0.15	<0.15	---	---
1,2-dichloroethane	MS-07	<0.15	<0.15	---	---
1,1-dichloroethylene	MS-07	<0.15	<0.15	---	---
Dichloromethane	MS-07	<0.30	<0.30	---	---
1,2-dibromoethane	MS-07	<0.10	<0.10	---	---
Perchloroethylene	MS-07	<0.10	<0.10	---	---
Carbon tetrachloride	MS-07	<0.15	<0.15	---	---
Toluene	MS-07	0.20	0.20	0.20	0.00
1,1,1-trichloroethane	MS-07	<0.10	<0.10	---	---
Trichloroethene	MS-07	<0.10	<0.10	---	---
Chloroform	MS-07	0.20	0.20	0.20	0.00
Vinyl chloride	MS-07	<0.10	<0.10	---	---
m+p-xylenes	MS-07	0.84	0.84	0.84	0.00
o-xylene	MS-07	0.46	0.46	0.46	0.00

Three Tedlar bag samples, laboratory numbers 21135-(13-15), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 7 repeat measurements from three Tedlar bag samples is 1.6%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
Chiquita Canyon	Chiquita Canyon (Off-Site)
Project No. 01204123.19 T10	**Field Logbook No.**
Sampler: (Signature) Donald Senegal	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91	VOCs (TO-15)					Special Remarks
MS-07	1L Tedlar/Air	21135-13	4/22/25	13:35	X	X					
MS-08	1L Tedlar/Air	-14	4/22/25	13:25	X	X					
MS-12	1L Tedlar/Air	-15	4/22/25	14:15	X	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Donald Senegal	4/22/25	14:40		4/23/25	9:57
	4/23/25	9:57	SCS Mancho	9:55 AM 04/23/25	
SCS Mancho	04/23/25	10:55AM		4/23/25	10:55

Company Info:		Send Report to:		Analytical Laboratory
Company:	SCS Engineers	Company:	SCS Engineers	AtmAA Inc.
Street Address	3900 Kilroy Airport Way Suite 300	Street Address	3900 Kilroy Airport Way Suite 300	5107 Douglas Fir Rd.
City/State/Zip:	Long Beach / CA / 90806	City/State/Zip:	Long Beach / CA / 90806	Calabasas, CA 91302
Telephone No.:	562-637-4561 / 562-335-0002	Project Manager:	Ray Huff	TEL: (818) 223-3277
Fax No.:		Email Address:	RHuff@scsengineers.com	Email Address: info@atmaa.com

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LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: June 4, 2025
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: May 28, 2025
Date Analyzed: May 28, 2025

AtmAA Lab No.:	21485-6	21485-7	21485-8
Sample I.D.:	MS-06	MS-09	MS-10
Components	*(Concentration in ppmv)*		
Methane	1.92	1.75	1.81
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.19	0.11	0.26
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.40	0.46	0.43
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	<0.12	0.34	0.16
o-xylene	<0.12	<0.12	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: May 28, 2025
Date Analyzed: May 28, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	MS-06	1.90	1.93	1.92	1.6
		(Concentration in ppbv)			
Hydrogen sulfide	MS-06	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 21485-(6-8), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 1.6%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
Chiquita Canyon	Chiquita Canyon (Off-Site)
Project No. 01204123.19 T10	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91	VOCs (TO-15)					Special Remarks
MS-06	1L Tedlar/Air	21485-6	5/27/25	3:30pm	X	X					
MS-09	1L Tedlar/Air	-7	5/27/25	3:55pm	X	X					
MS-10	1L Tedlar/Air	-8	5/27/25	3:45pm	X	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	5-28-25	7:10AM	DCS Marcelo	05/28/25	8:25 AM
Relinquished by: (Signature) DCS Marcelo	**Date** 05/28/25	**Time** 9:40am	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 5/28/25	**Time** 9:40

Company Info:

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Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 300
City/State/Zip: Long Beach / CA / 90806
Project Manager: Ray Huff
Email Address: RHuff@scsengineers.com

Analytical Laboratory

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Email Address: info@atmaa.com

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LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: July 3, 2025
Client: SCS Field Services
Project Location: Chiquita Canyon Off-site
Project No.: 01204123.19 T10
Date Received: June 20, 2025
Date Analyzed: June 20, 2025

AtmAA Lab No.:	21715-10	21715-11	21715-12
Sample I.D.:	MS-08	MS-11	MS-12
Components	*(Concentration in ppmv)*		
Methane	1.72	1.77	1.75
	(Concentration in ppbv)		
Hydrogen sulfide	<25	<25	<25
Benzene	0.24	0.18	0.25
Benzyl chloride	<0.15	<0.15	<0.15
Chlorobenzene	<0.15	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15	<0.15
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15	<0.15
Toluene	0.72	0.26	0.25
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	0.13
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.48	0.16	0.15
o-xylene	0.15	<0.12	<0.12

Methane was measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Off-site
Date Received: June 20, 2025
Date Analyzed: June 20, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	MS-08	1.70	1.73	1.72	1.7
		(Concentration in ppbv)			
Hydrogen sulfide	MS-08	<25	<25	---	---
Benzene	No Repeat				
Benzyl chloride	No Repeat				
Chlorobenzene	No Repeat				
Dichlorobenzenes	No Repeat				
1,1-dichloroethane	No Repeat				
1,2-dichloroethane	No Repeat				
1,1-dichloroethylene	No Repeat				
Dichloromethane	No Repeat				
1,2-dibromoethane	No Repeat				
Perchloroethylene	No Repeat				
Carbon tetrachloride	No Repeat				
Toluene	No Repeat				
1,1,1-trichloroethane	No Repeat				
Trichloroethene	No Repeat				
Chloroform	No Repeat				
Vinyl chloride	No Repeat				
m+p-xylenes	No Repeat				
o-xylene	No Repeat				

Three Tedlar bag samples, laboratory numbers 21715-(10-12), were analyzed for SCAQMD Rule 1150.1 components. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from three Tedlar bag samples is 1.7%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
Chiquita Canyon	Chiquita Canyon (Off-Site)
Project No. 01204123.19 T10	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91	VOCs (TO-15)					Special Remarks
MS-08	1L Tedlar/Air	21715-10	6/19/25	1:05PM	X	X					
MS-11	1L Tedlar/Air	-11	6/19/25	1:30PM	X	X					
MS-12	1L Tedlar/Air	-12	6/19/25	12:55PM	X	X					

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	6/19/25	2:35PM		6/20/25	7:10AM
Relinquished by: *(Signature)*	**Date**	**Time**	**Received by:** *(Signature)*	**Date**	**Time**
	6/20/25	7:10AM		6/20/25	8:48
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date**	**Time**
	6/20/25	9:53		6/20/25	9:53

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