

COMMUNITY ADVISORY GROUP (CAG)

Air Quality Monthly Updates

SANDRESM1 | Project Area 1

SANDRESM2 | Project Area 2

2024

AIR QUALITY SUMMARY

- January 2024 | CAG MTG #42, February 22, 2024
- February 2024 | CAG MTG #43, March 28, 2024
- March 2024 | CAG MTG #44, April 18, 2024
- April 2024 | CAG MTG #45, May 30, 2024
- May 2024 | CAG MTG #46, June 27, 2024
- June and July 2024 | CAG MTG #48, August 23, 2024
- August 2024 | CAG MTG #49, September 19, 2024 (PA1 only, PA2 sent later via email)
- September 2024 | CAG MTG #50, October 24, 2024 (PA2 only, PA1 sent later via email)
- October 2024 | CAG MTG #51, November 21, 2024 (PA1 only)
- November 2024 | CAG MTG #52, December 19, 2024 (PA1 only)
- December 2024 | CAG MTG #53, January 23, 2025 (PA1 only)

PA1 AQM | January-April Monitoring Locations



PA1 AQM | January 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> 颗粒物尺寸	Date / <i>Fecha</i> / 日期 BOLD = net exceedances 加粗 = 净超标 ATREVIDO = superaciones netas	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (minutos) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Montgomery Street to Jackson Street (AQM-GS, AQM-1, AQM-6, AQM-CHR, AQM-CH)	PM 2.5	1/24, 1/25, 1/26, 1/29	15 to 49	- On-site construction activities (Short Duration) - On-site construction activities (Long Duration) - Construction vehicle traffic	- Dust suppression techniques applied - Dust suppression techniques applied - Dust suppression techniques applied
		1/29	114		
		1/5	19		
	PM 10	1/24	17	- On-site construction activities (Short Duration) - On-site construction activities (Long Duration) - Construction vehicle traffic	- Dust suppression techniques applied - Dust suppression techniques applied - Dust suppression techniques applied
		1/29	90		
		1/5	10		
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-5, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	None	None	None	None
	PM 10	None	None	None	None
Williamsburg Bridge to Northern Project Limit (AQM-4, AQM-WBN)	PM 2.5	1/3	2	Anomalous Reading	None
		1/15	14	Construction vehicle traffic	Dust suppression techniques applied
	PM 10	1/3	7	Anomalous Reading	None
ConEd Utility Work/East River Park (AQM-HS, AQM-TH)	PM 2.5	1/15	3	On-site construction activities	Dust suppression techniques applied
	PM 10	None	None	None	None
E 10 th Street (AQM-10S)	PM 2.5	None	None	None	None
	PM 10	None	None	None	None

PA1 AQM | February 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> 颗粒物尺寸	Date / <i>Fecha</i> / 日期 BOLD = net exceedances 加粗 = 净超标 ATREVIDO = superaciones netas	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (minutos) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Montgomery Street to Jackson Street (AQM-GS, AQM-1, AQM-6, AQM-CHR, AQM-CH)	PM 2.5	2/10 2/16	16 21	• Off-site activities • Anomalous readings	• Dust suppression techniques applied • None
	PM 10	2/10 2/16	15 21	• Off-site activities • Anomalous readings	• Dust suppression techniques applied • None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-5, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	2/5, 2/10, 2/21, 2/27 2/14 2/16	17 to 100 15 23	• Construction activities • Construction vehicle traffic • Anomalous readings	• Dust suppression techniques applied • Dust suppression techniques applied • None
	PM 10	2/10, 2/21 2/16	9 and 17 23	• Construction activities • Anomalous readings	• Dust suppression techniques applied • None
Williamsburg Bridge to Northern Project Limit (AQM-4, AQM-WBN)	PM 2.5	2/5	23 and 43	• Construction activities	• Dust suppression techniques applied
	PM 10	2/5	23 and 44	• Construction activities	• Dust suppression techniques applied
ConEd Utility Work/East River Park (AQM-HS, AQM-TH)	PM 2.5	2/4	26	• Off-site activities (after hours)	• None
		2/8	30	• Off-site activities (after hours)	• None
	PM 10	2/4	17	• Off-site activities (after hours)	• None
E 10 th Street (AQM-10S)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None

PA1 AQM | March 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> <i>(minutos)</i> <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-GS, AQM-1, AQM-6, AQM-CHR, AQM-CH)	PM 2.5	3/14, 3/15, 3/18, 3/25	14 to 24	• Construction activities	• Dust suppression techniques applied
		3/1	17	• Off-site construction activities	• Dust suppression techniques applied
	PM 10	3/15	17	• Construction activities	• Dust suppression techniques applied
		3/1	15	• Off-site construction activities	• Dust suppression techniques applied
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-5, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	3/14	41	• Construction vehicle traffic	• Dust suppression techniques applied
		3/26	34	• Construction activities	• Dust suppression techniques applied
	PM 10	3/14	41	• Construction vehicle traffic	• Dust suppression techniques applied
Williamsburg Bridge to Northern Project Limit (AQM-4*, AQM-WBN)	PM 2.5	3/13, 3/19, 3/21	15 to 18	• Construction activities	• Dust suppression techniques applied
	PM 10	3/13, 3/19, 3/21	15	• Construction activities	• Dust suppression techniques applied
ConEd Utility Work/East River Park (AQM-HS, AQM-TH)	PM 2.5	3/7	16	• Off-site activities	• None
		3/19	15	• Construction activities	• Dust suppression techniques applied
	PM 10	None	None	• None	• None
E 10 th Street (AQM-10S)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None

*: Net exceedances for these area could not be calculated as AQM-4 did not have power for the month of March

PA1 AQM | April 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> 颗粒物尺寸	Date / <i>Fecha</i> / 日期 BOLD = net exceedances 加粗 = 净超标 ATREVIDO = superaciones netas	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (minutos) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Montgomery Street to Jackson Street (AQM-GS, AQM-1, AQM-6, AQM-CHR, AQM-CH)	PM 2.5	4/19, 4/24, 4/25, 4/26	17 to 27	• Construction activities	• Dust suppression techniques applied
	PM 10	4/19, 4/25	12 to 14	• Construction activities	• Dust suppression techniques applied
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	4/1, 4/9, 4/23, 4/25, 4/26, 4/30	15 to 116*	• Construction activities	• Dust suppression techniques applied
		4/22	18 to 24	• Off-site activities	• None
	PM 10	4/1, 4/23	15 to 116*	• Construction activities	• Dust suppression techniques applied
		4/22	23 to 30	• Off-site activities	• None
Williamsburg Bridge to Northern Project Limit (AQM-4, AQM-WBN)	PM 2.5	4/23, 4/30	25 to 62	• Construction activities	• Dust suppression techniques applied
	PM 10	4/23	80*	• Construction activities	• Dust suppression techniques applied
ConEd Utility Work/East River Park (AQM-HS, AQM-5, AQM-TH)	PM 2.5	4/23, 4/29, 4/30	17 to 62*	• Construction activities	• Dust suppression techniques applied
		4/26	24	• Construction vehicle traffic	• Dust suppression techniques applied
	PM 10	4/29	29 to 62*	• Construction activities	• Dust suppression techniques applied
		4/26	10	• Construction vehicle traffic	• Dust suppression techniques applied
E 10 th Street (AQM-10S)	PM 2.5	4/29	21	• Construction activities	• Dust suppression techniques applied
	PM 10	4/29	16	• Construction activities	• Dust suppression techniques applied

*: Exceedances greater than 60 minutes were typically related to the placement of clean fill used to increase the elevation of the park

PA1 AQM | May Monitoring Locations



Note: This map has been updated since the CAG #46 presentation to include Slip Ramp Access Points in the legend

PA1 AQM | May 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-GS, AQM-1, AQM-6, AQM-CHR, AQM-CH)	PM 2.5	5/1, 5/2, 5/11	15 to 54	• On-site construction activities	• Dust suppression techniques applied
		5/9, 5/22	11 to 15	• Construction Vehicle Traffic	• Dust suppression techniques applied
	PM 10	5/1, 5/2	17 to 36	• On-site construction activities	• Dust suppression techniques applied
		5/22	15	• Construction Vehicle Traffic	• Dust suppression techniques applied
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	5/6*, 5/8, 5/15, 5/21, 5/22, 5/29, 5/31	16 to 99	• On-site construction activities	• Dust suppression techniques applied
	PM 10	5/6*, 5/15, 5/21, 5/22, 5/29, 5/31	15 to 72	• On-site construction activities	• Dust suppression techniques applied
Williamsburg Bridge to Northern Project Limit (AQM-4, AQM-5, AQM-WBN)	PM 2.5	5/2, 5/2, 5/4, 5/7, 5/9, 5/29	16 to 29	• On-site construction activities	• Dust suppression techniques applied
		5/2, 5/3, 5/29, 5/31	16 to 42	• Construction Vehicle Traffic	• Dust suppression techniques applied
	PM 10	5/4	19	• On-site construction activities	• Dust suppression techniques applied
		5/2, 5/3, 5/29	17 to 48	• Construction Vehicle Traffic	• Dust suppression techniques applied
ConEd Utility Work/East River Park (AQM-HS, AQM-TH)	PM 2.5	5/1, 5/2, 5/8	19 to 68	• Construction Vehicle Traffic	• Dust suppression techniques applied
		5/19	2	• Anomalous Readings	• None
	PM 10	None	None	None	None
E 10 th Street (AQM-10S)	PM 2.5	None	None	None	None
	PM 10	None	None	None	None

*: Elevated PM2.5 readings were observed city-wide on 5/6, leading to longer than normal alerts

PA1 AQM | June-August Monitoring Locations



PA1 AQM | June 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>标 ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	6/1, 6/3, 6/4 , 6/9 6/1, 6/26 , 6/27 6/28 , 6/30	15 to 77 4 to 29 15 to 31	- Construction vehicle traffic - Construction activities - Offsite construction activity	- Dust suppression techniques applied - Dust suppression techniques applied - None
	PM 10	6/26 , 6/27 , 6/28 , 6/30	12 to 30	Construction activities	Dust suppression techniques applied
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	6/1, 6/3, 6/5, 6/10, 6/11, 6/12, 6/19 , 6/22 . 6/26	10 to 30	Construction activities	Dust suppression techniques applied
	PM 10	6/1, 6/5, 6/10, 6/19 , 6/26 6/19,	11 to 22 10	- Construction activities - Offsite construction activity	- Dust suppression techniques applied - None
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	6/3 , 6/4, 6/5, 6/6, 6/22	23 15 to 29	- Construction vehicle traffic - Construction activities	- Dust suppression techniques applied - Dust suppression techniques applied
	PM 10	6/1, 6/3 6/4, 6/5, 6/6, 6/10	11 to 22 15 to 23	- Construction vehicle traffic - Construction activities	- Dust suppression techniques applied - Dust suppression techniques applied
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	6/3, 6/4, 6/5, 6/12, 6/13, 6/14, 6/19, 6/20 , 6/21, 6/22	18 to 107	Construction vehicle traffic	Dust suppression techniques applied
	PM 10	6/4, 6/12, 6/13, 6/20, 6/29	12 to 58	Construction vehicle traffic	Dust suppression techniques applied
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	6/22 6/24, 6/28	14 15 to 19	- Offsite construction activity - Construction activities	- None - Dust suppression techniques applied
	PM 10	6/28 6/28	15 19	- Construction activities - Construction vehicle traffic	- Dust suppression techniques applied - Dust suppression techniques applied

PA1 AQM | July 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

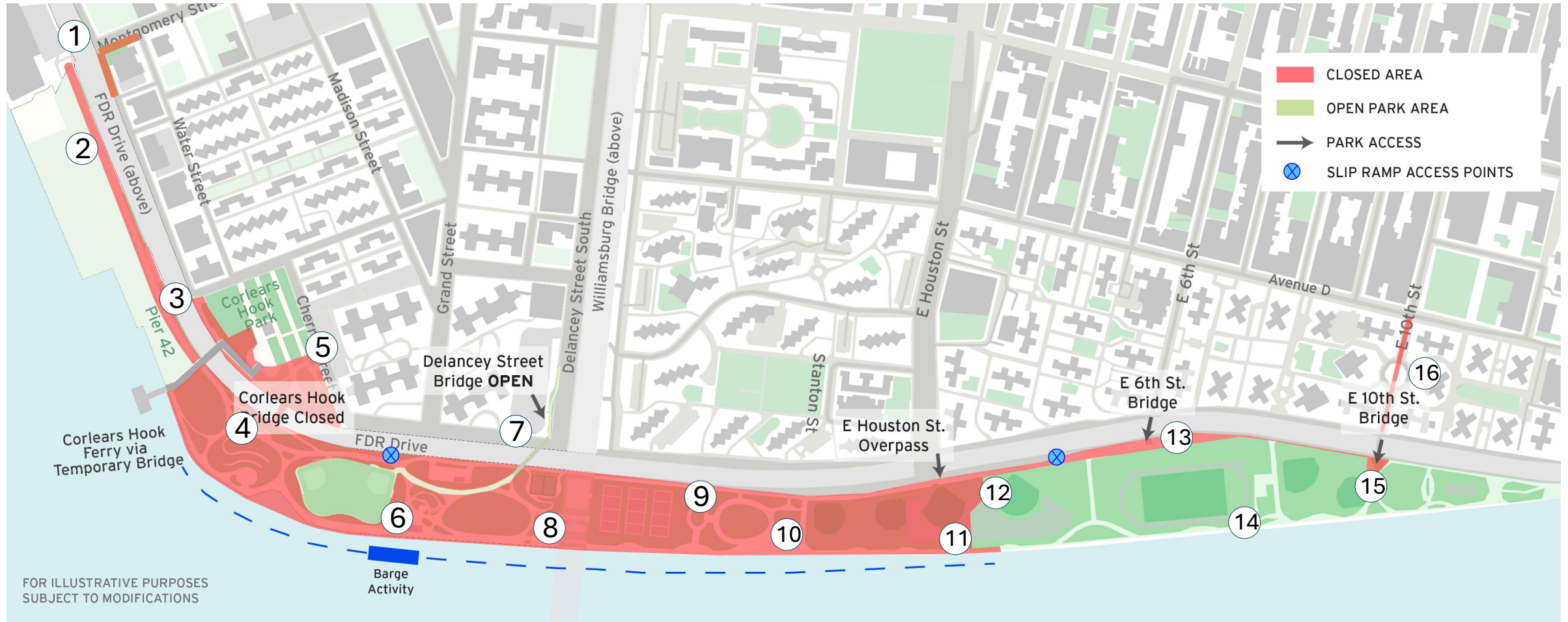
Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> 颗粒物尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	7/4 7/27 7/29, 7/30, 7/31 7/22, 7/31	300 14 3 to 26 43 to 63	- July 4th Celebrations - Offsite activities - Construction activities - Construction vehicle traffic	- None - None - Dust suppression techniques applied - Dust suppression techniques applied
	PM 10	7/30 7/22, 7/31	17 26 to 46	- Construction activities - Construction vehicle traffic	- Dust suppression techniques applied - Dust suppression techniques applied
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	7/1 7/4 7/8, 7/9, 7/16, 7/19 , 7/21, 7/27, 7/28	28 240 to 350 9 to 58	- Offsite activity - July 4th Celebrations - Construction activities	- None - None - Dust suppression techniques applied
	PM 10	7/1 7/16, 7/21, 7/27, 7/28	34 14 to 28	- Offsite activity - Construction activities	- None - Dust suppression techniques applied
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	7/4 7/6	300 17	- July 4th Celebrations - Offsite activities	- None - None
	PM 10	None	None	None	None
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	7/4 7/10, 7/16, 7/17, 7/20, 7/22	285 43 to 62	- July 4th Celebrations - Construction activities	- None - Dust suppression techniques applied
	PM 10	7/10, 7/16, 7/17	24 to 37	Construction activities	Dust suppression techniques applied
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	7/4 7/30	210 to 300 17	- July 4th Celebrations - Construction activities	- None - Dust suppression techniques applied
	PM 10	7/4, 7/19	15	Offsite activities	None

PA1 AQM | August 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>标 ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> <i>(minutos)</i> <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	8/10	2	• Anomalous Reading	• None
	PM 10	None	None	• None	• None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	8/13, 8/15	14 to 17	• Construction activities	• Dust suppression techniques applied
	PM 10	8/13	14	• Construction activities	• Dust suppression techniques applied
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	8/15, 8/17, 8/23	15 to 19	• Construction activities	• Dust suppression techniques applied
	PM 10	8/24	16	• None	• None
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	8/16 8/8 8/24	31 2 15	• Construction activities • Anomalous Reading • Offsite Activity	• Dust suppression techniques applied • None • None
	PM 10	8/16	29	• Construction activities	• Dust suppression techniques applied
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None

PA1 AQM | September-November Monitoring Locations



PA1 AQM | September 2024 Update

The PM daily value (24-hour TWA) did not surpass the PEL for this month. El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>标 ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> <i>(minutos)</i> <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	9/12, 9/17	12 to 19	• Construction activities	• Dust suppression techniques applied
	PM 10	9/17	12	• Construction activities	• Dust suppression techniques applied
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	9/11, 9/13, 9/17, 9/18, 9/20, 9/23, 9/25	11 to 47	• Construction activities	• Dust suppression techniques applied
	PM 10	9/17, 9/20, 9/23, 9/25	15 to 47	• Construction activities	• Dust suppression techniques applied
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	9/29	2	• Anomalous Reading	• None
	PM 10	9/29	3	• Anomalous Reading	• None
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None

PA1 AQM | October 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

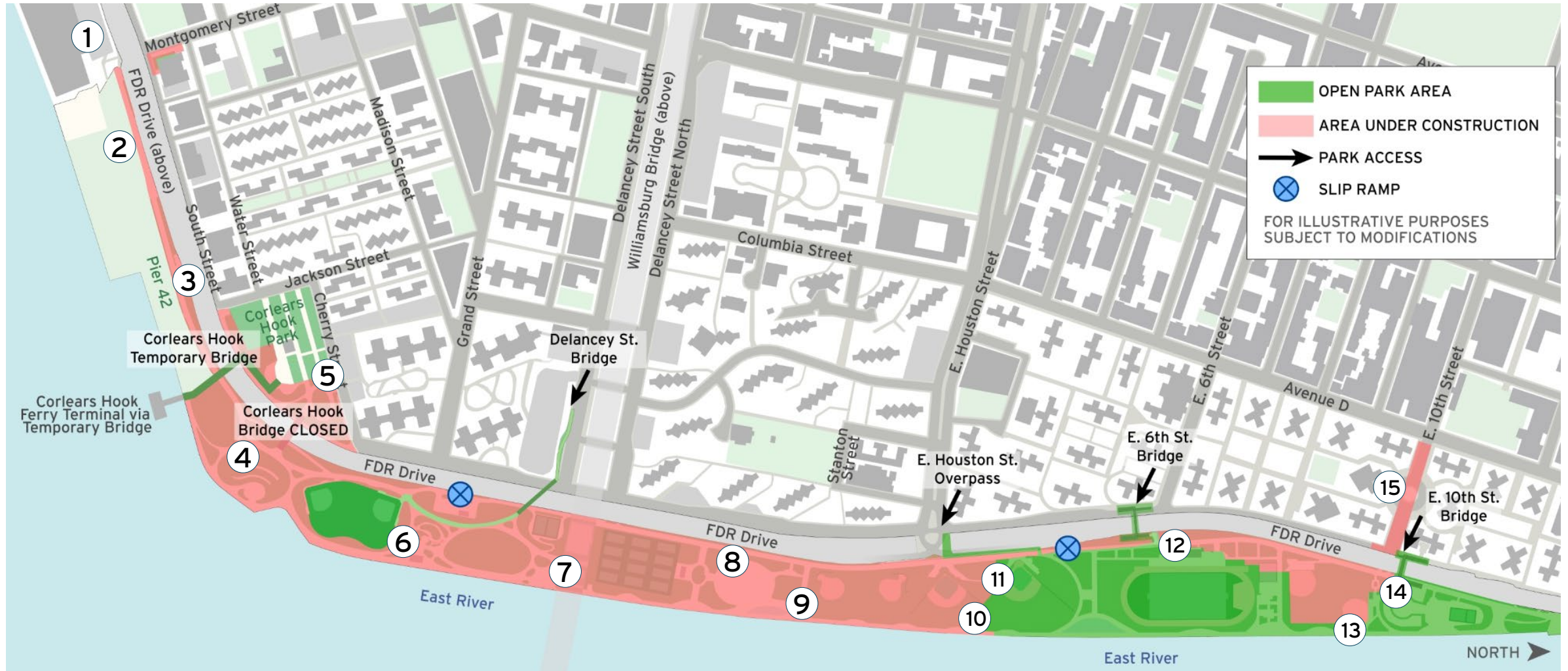
Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>标 ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	10/19	18	• Off-site activities	• None
	PM 10	None	None	• None	• None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	10/4, 10/8, 10/14	4 to 16	• Off-site activities	• None
		10/8, 10/9, 10/10, 10/16, 10/18, 10/21, 10/22	10 to 46	• Construction activities	• Dust mitigation measures applied
		10/9	15	• Construction vehicle traffic	• Dust mitigation measures applied
	PM 10	10/3, 10/8, 10/7, 10/14	14 to 17	• Off-site activities	• None
		10/8, 10/9, 10/16, 10/18	7 to 72	• Construction activities	• Dust mitigation measures applied
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	10/18	16	• Construction activities	• Dust mitigation measures applied
	PM 10	10/18	16	• Construction activities	• Dust mitigation measures applied
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	10/3, 10/13, 10/19, 10/22, 10/23, 10/29	15 to 37	• Off-site activities	• None
	PM 10	10/3	15	• Off-site activities	• None
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	10/4	25	• Construction activities	• Dust mitigation measures applied
	PM 10	None	None	• None	• None

PA1 AQM | November 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>标 ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> <i>(minutos)</i> <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	11/2, 11/18, 11/19, 11/20	1 to 14	• Construction activities	• Dust mitigation measures applied
		11/14, 11/23	1 to 2	• Anomalous Readings	• None
	PM 10	11/14, 11/23	1 to 5	• Anomalous Readings	• None
		11/22	60	• Construction activities	• Dust mitigation measures applied
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	11/6	4	• Construction activities	• Dust mitigation measures applied
	PM 10	None	None	• None	• None
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	11/18, 11/19, 11/22	1	• Construction activities	• Dust mitigation measures applied
	PM 10	None	None	• None	• None

PA1 AQM | December Monitoring Locations



PA1 AQM | December 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> <i>位置</i>	PM Size <i>PM Tamano</i> <i>颗粒物尺寸</i>	Date / <i>Fecha</i> / <i>日期</i> <i>BOLD = net exceedances 加粗 = 净超标</i> <i>标 ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> <i>(minutos)</i> <i>预警持续时间 (分钟)</i>	Cause <i>Causa</i> <i>原因</i>	Mitigation <i>Mitigacion</i> <i>减缓措施</i>
Montgomery Street to Jackson Street (AQM-1, AQM-6, AQM-CHR)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Jackson Street to Williamsburg Bridge (AQM-2, AQM-3, AQM-AT, AQM-FB, AQM-WB)	PM 2.5	12/18, 12/23, 12/31	8 to 32	• Construction activities	• Dust mitigation measures applied
	PM 10	None	None	• None	• None
Williamsburg Bridge to East 6 th Street (AQM-4, AQM-5, AQM-WBN)	PM 2.5	12/11, 12/12	14 to 31	• Construction activities	• Dust mitigation measures applied
	PM 10	None	None	• None	• None
East 6 th Street to East 10 th Street (AQM-TH, AQM-THR, AQM-HS)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
E 10 th Street (AQM-10S, AQM-10SR)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None

PA2 AQM | Monitoring Locations



PA2 AQM | January 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (minutes) <i>Duracion de Aviso</i> (minutos) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	1/11	42	• On-site construction activities	• Dust suppression techniques applied
	PM 10	1/11	42	• On-site construction activities	• Dust suppression techniques applied
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4)	PM 2.5	1/3, 1/4, 1/5, 1/6, 1/22, 1/30	6 - 29	• Unknown off-site activities	• None
		1/11	42	• On-site construction activities	• Dust suppression techniques applied
	PM 10	1/4	14	• Unknown off-site activities	• None
		1/11	42	• On-site construction activities	• Dust suppression techniques applied

PA2 AQM | February 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (minutes) <i>Duracion de Aviso</i> (minutos) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4)	PM 2.5	2/3, 2/10, 2/15, 2/27	7 to 22	• Off-site activities	• None
		2/8, 2/16, 2/28	5 to 137	• On-site construction activities	• Dust suppression techniques applied
		2/6,	15	• Construction vehicle traffic	• Dust suppression techniques applied
	PM 10	2/9, 2/16	18 and 137	• On-site construction activities	• Dust suppression techniques applied

PA2 AQM | March 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4)	PM 2.5	3/14, 3/28	2 to 21	• Off-site activities	• None
		3/6, 3/13, 3/27	2 to 173	• On-site construction activities	• Dust suppression techniques applied
		3/29	15	• Construction vehicle traffic	• Dust suppression techniques applied
	PM 10	None	None	• None	• None

PA2 AQM | April 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (minutes) <i>Duracion de Aviso</i> (minutos) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4)	PM 2.5	4/16, 4/17, 4/24	3 – 15	• Off-site activities	• None
		4/29	41	• On-site construction activities	• Dust suppression techniques applied
	PM 10	None	None	• None	• None

PA2 AQM | May 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	5/20	15	• On-site construction activities	• Dust suppression techniques applied
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4*)	PM 2.5	5/2	3 (Short Duration)	• On-site construction activities	• Dust suppression techniques applied
		5/1, 5/2, 5/6+	113 to 517 (Long Duration)	• On-site construction activities	• Dust suppression techniques applied
	PM 10	None	None	• None	• None

*: Due to construction activates/phasing, SO-S4 was not active during the month of May

+: Elevated PM2.5 readings were observed city-wide, leading to longer than normal alerts

PA2 AQM | June 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1*, ALP-S2, SO-S4*)	PM 2.5	6/1	15	• Off-site construction activities	• None
	PM 10	None	None	• None	• None

*: ALP-S1 PM 2.5 and SO-S4 PM 2.5 and PM 10 were not reporting during portions of the month of June

PA2 AQM | July 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4*)	PM 2.5	7/4, 7/5 7/5, 7/13 7/6, 7/8, 7/23, 7/31 7/18	158 to 228 19 to 50 15 to 114 541	• July 4 th Celebrations • Off-site construction activities • Construction activities • Anomalous readings	• None • None • Dust suppression techniques applied • None
	PM 10	None	None	• None	• None

*: SO-S4 PM 2.5 was not reporting during the month of July

PA2 AQM | August 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4*)	PM 2.5	8/2, 8/9	7 to 24	• Construction activities (short duration) • Construction activities (long duration) • Anomalous Reading • Offsite Activity	• Dust suppression techniques applied • Dust suppression techniques applied
		8/13	375		
		8/15, 8/16 8/13, 8/17, 8/19, 8/27	339 to 793 1 to 15		
	PM 10	8/12, 8/15 8/13	20 to 35 1	• Construction activities • Offsite Activity	• Dust suppression techniques applied • None

PA2 AQM | September 2024 Update

The PM daily value (24-hour TWA) **did not surpass the PEL for this month.** El valor diario de PM (promedio ponderado de tiempo de 24 horas) no superó el límite de exposición permisible (PEL) para este mes. 这个月的颗粒物日值（24小时加权平均值）没有超过允许的暴露标准。 PM = Particulate Matter / Materia Particular / 颗粒物

Location <i>Lubicacion</i> 位置	PM Size <i>PM Tamano</i> PM 尺寸	Date / <i>Fecha</i> / 日期 <i>BOLD = net exceedances 加粗 = 净超标</i> <i>ATREVIDO = superaciones netas</i>	Alert Duration (<i>minutes</i>) <i>Duracion de Aviso</i> (<i>minutos</i>) 预警持续时间 (分钟)	Cause <i>Causa</i> 原因	Mitigation <i>Mitigacion</i> 减缓措施
Solar One (SO-S3*)	PM 2.5	None	None	• None	• None
	PM 10	None	None	• None	• None
Murphy Brothers Playground (ALP-S1, ALP-S2, SO-S4)	PM 2.5	9/12	76	• Construction activities (long duration)	• Dust suppression techniques applied
		9/10	15	• Offsite Activity	• None
	PM 10	9/23	9	• Construction activities	• Dust suppression techniques applied

*: Due to power supply issues, no readings were recorded by SO-S3 after September 16th