



June 2, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C 0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 1, 2024, DustTrak Realtime dust monitoring on 4 properties:

One property exceeded established limits, however this was likely due to that property's downwind unit falling over (222 Papalua St).

Property 1:

Task Force 6 - 717 Luakini St TMK 460090030000

Property 2:

Task Force 2 – Power Plant on Lahainaluna Rd TMK 460270440000

Property 3:

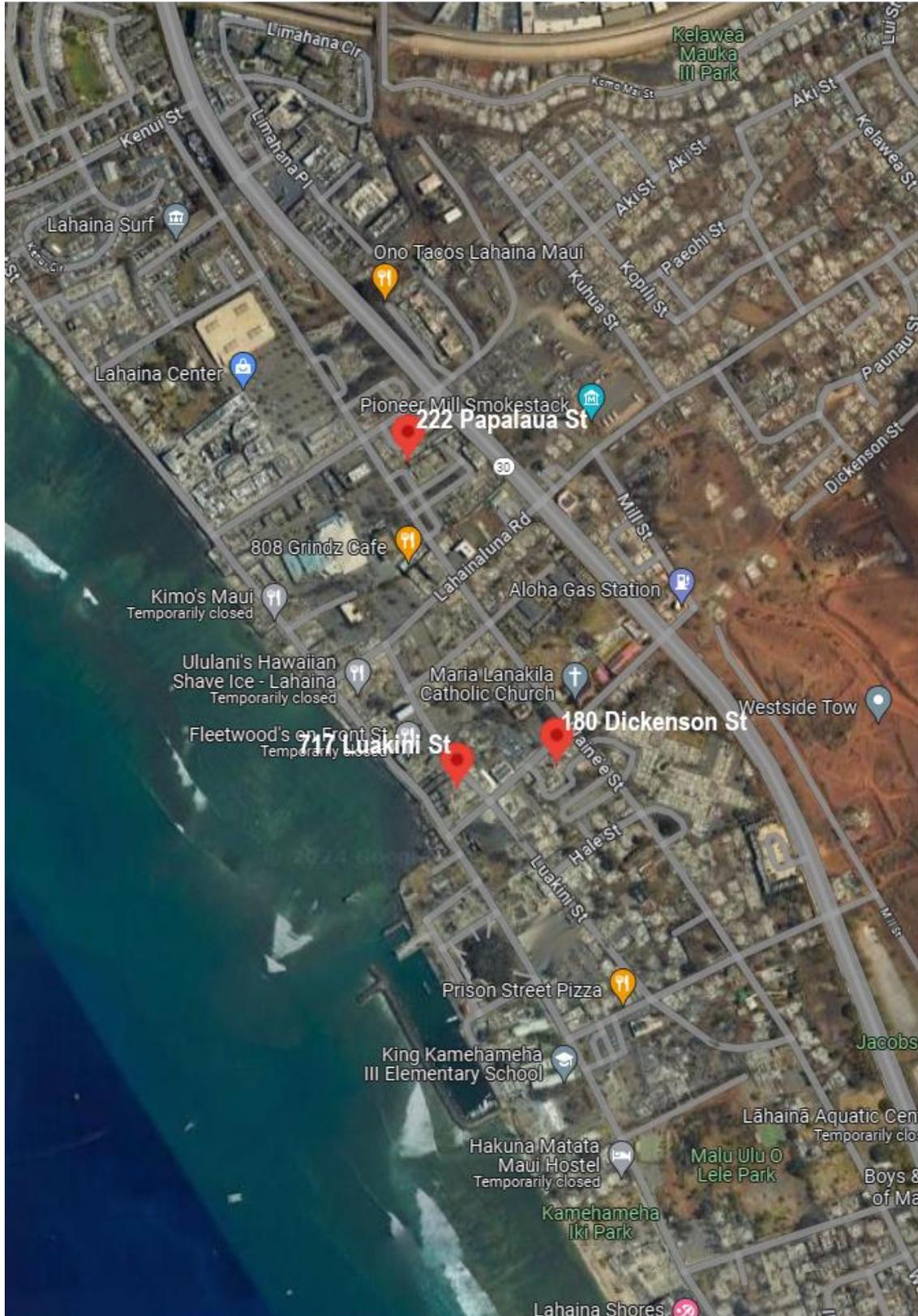
Task Force 4 - 222 Papalua St TMK 450060040000

Property 4:

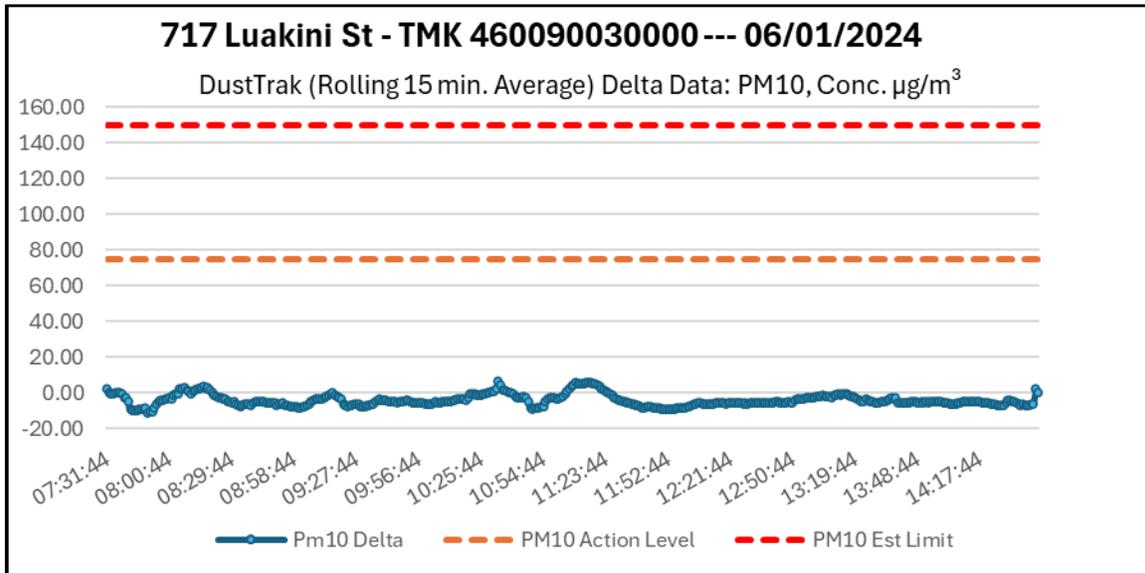
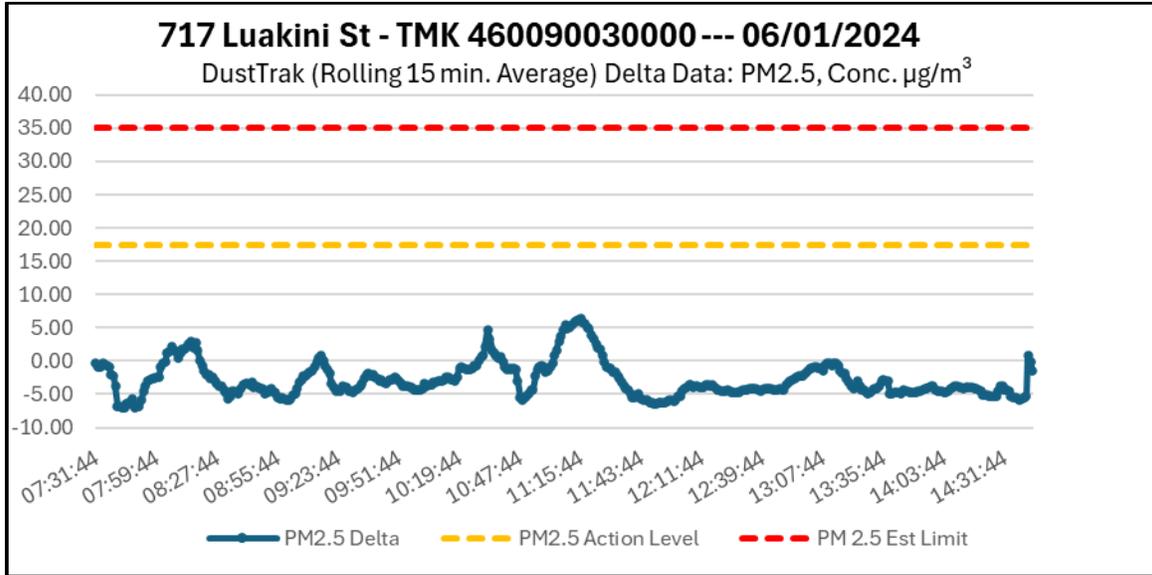
Task Force 5 - 180 Dickenson St TMK 460080300000

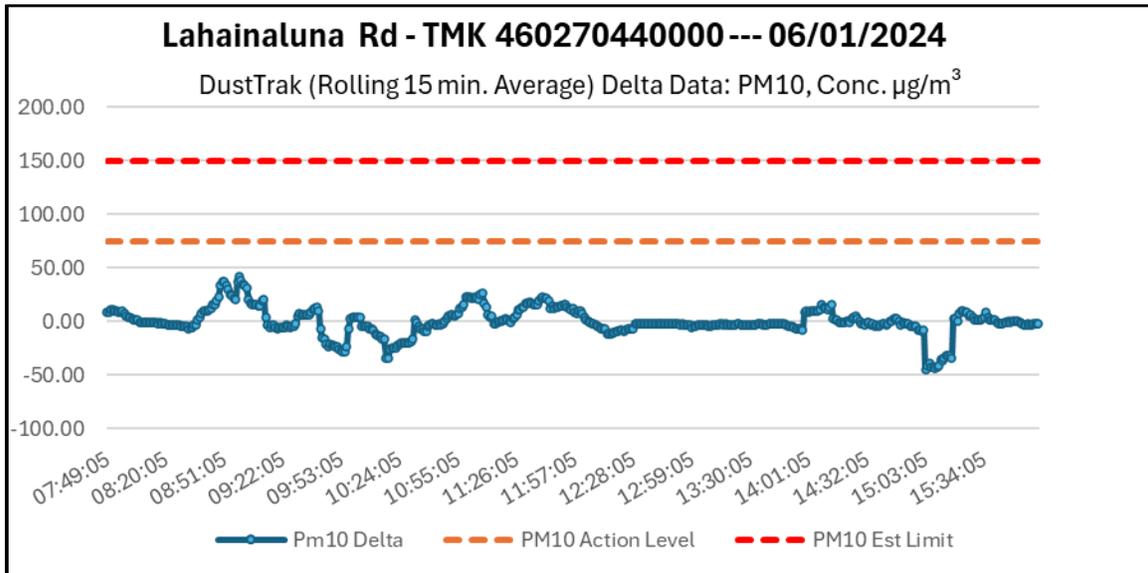
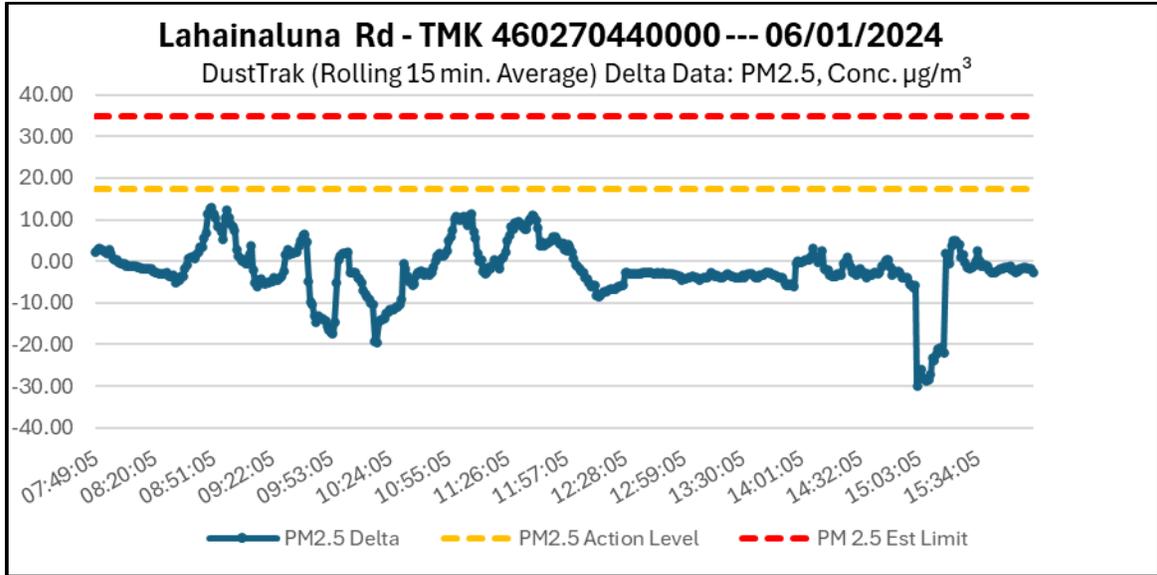
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
717 Luakini	PM 2.5 $\mu\text{g}/\text{m}^3$	-2.67	70	35
717 Luakini	PM 10 $\mu\text{g}/\text{m}^3$	-3.82	300	150
Power Plant	PM 2.5 $\mu\text{g}/\text{m}^3$	-2.13	70	35
Power Plant	PM 10 $\mu\text{g}/\text{m}^3$	0.08	300	150
222 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	11.16	70	35
222 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	29.43	300	150
180 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	-3.26	70	35
180 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	-2.81	300	150

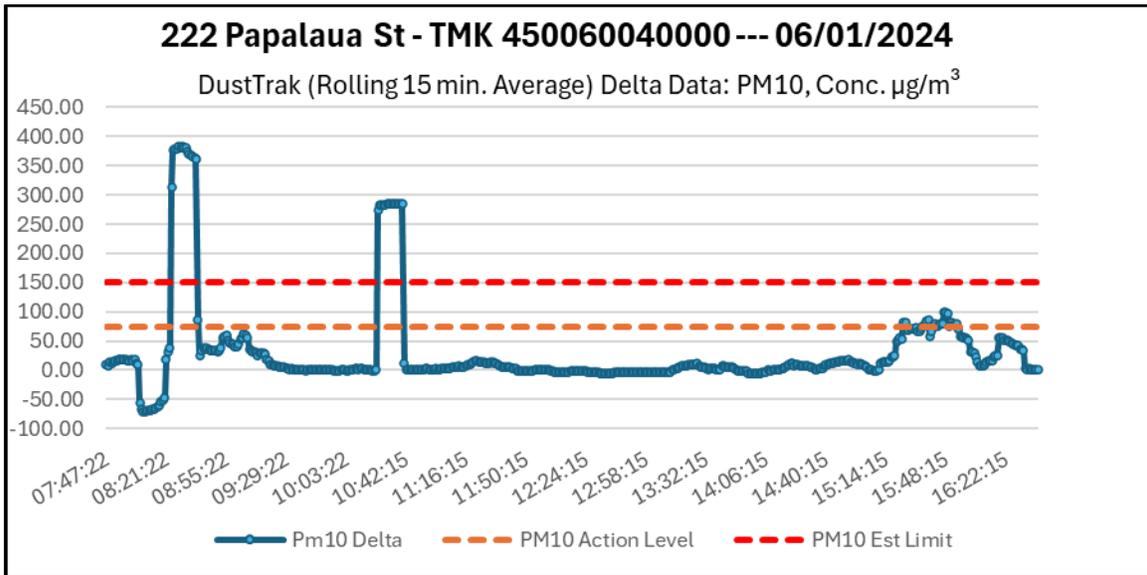
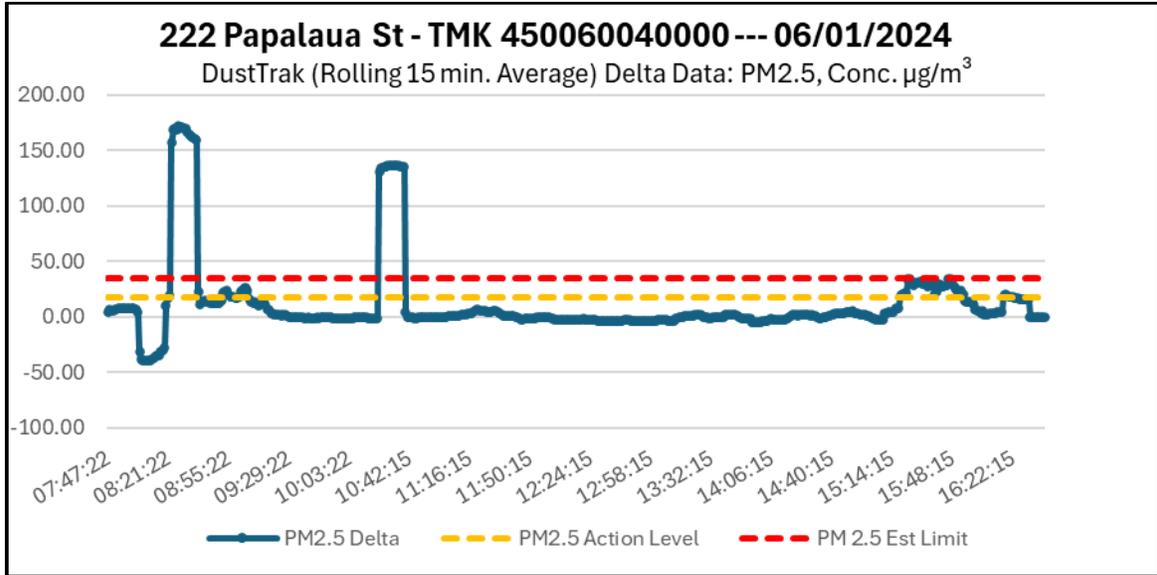
Property Locations:

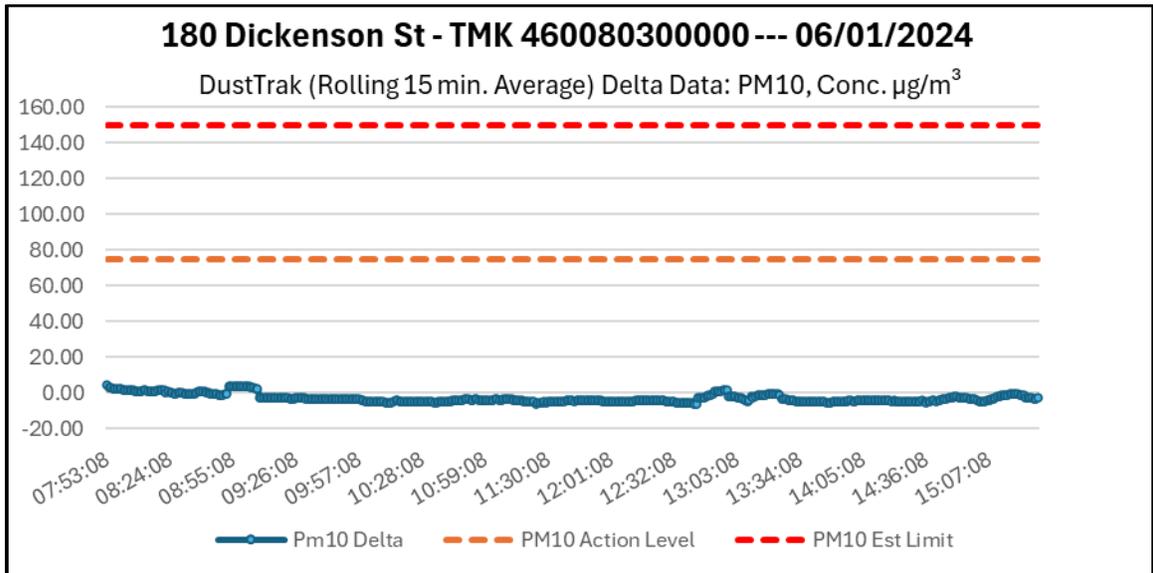
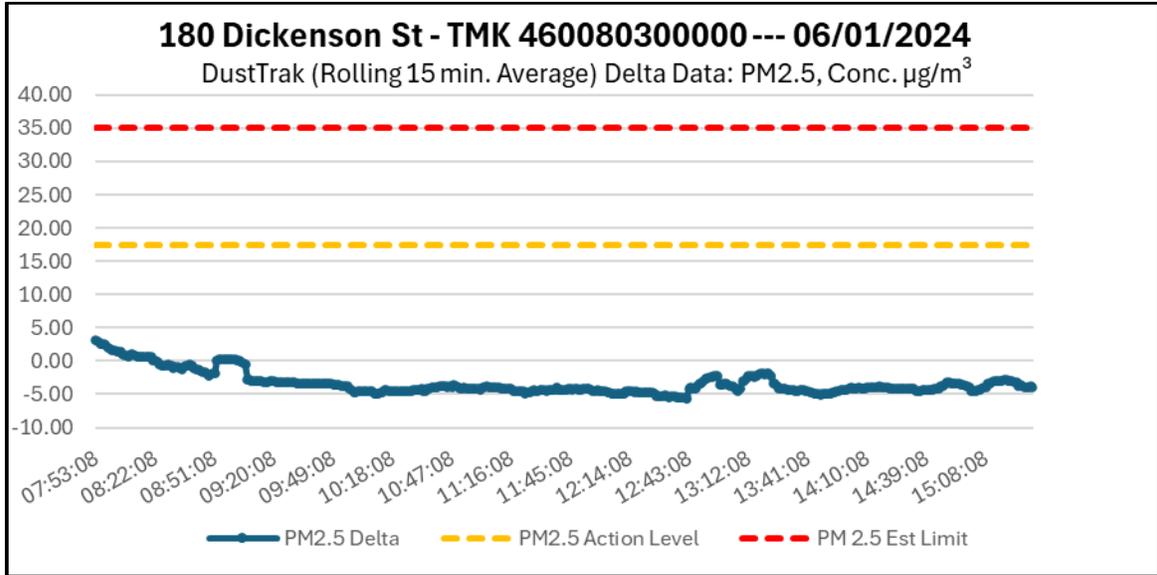


Attached: Daily Dust Monitoring Charts











June 3, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

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Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 2, 2024, DustTrak Realtime dust monitoring on 6 properties:

One property exceeded established limits.

Property 1:

Task Force 6 - 605 Luakini St TMK 460080570000

Property 2:

Task Force 6 - 133 Prison St TMK 460080560000

Property 3:

Task Force 2 – Power Plant on Lahainaluna Rd TMK 460270440000

Property 4:

Task Force 2 –120 Papalaua St TMK 450010440000

Property 5:

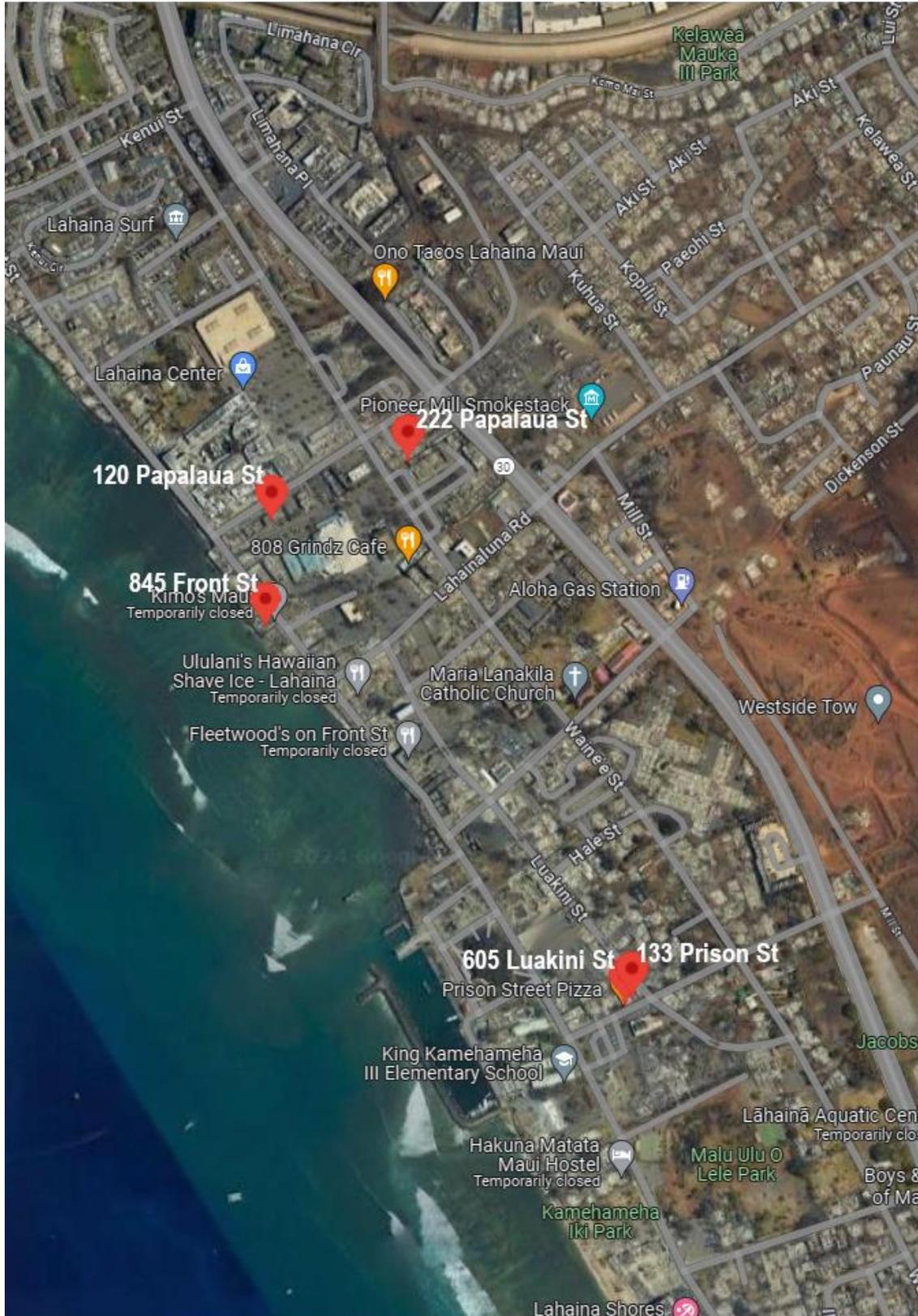
Task Force 4 - 222 Papalaua St TMK 450060040000

Property 6:

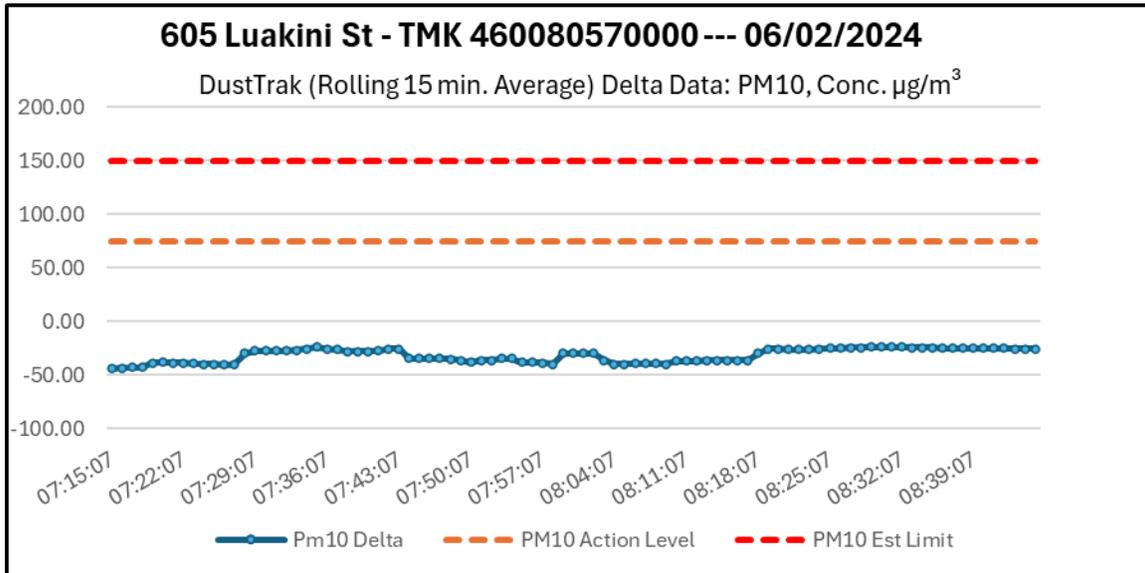
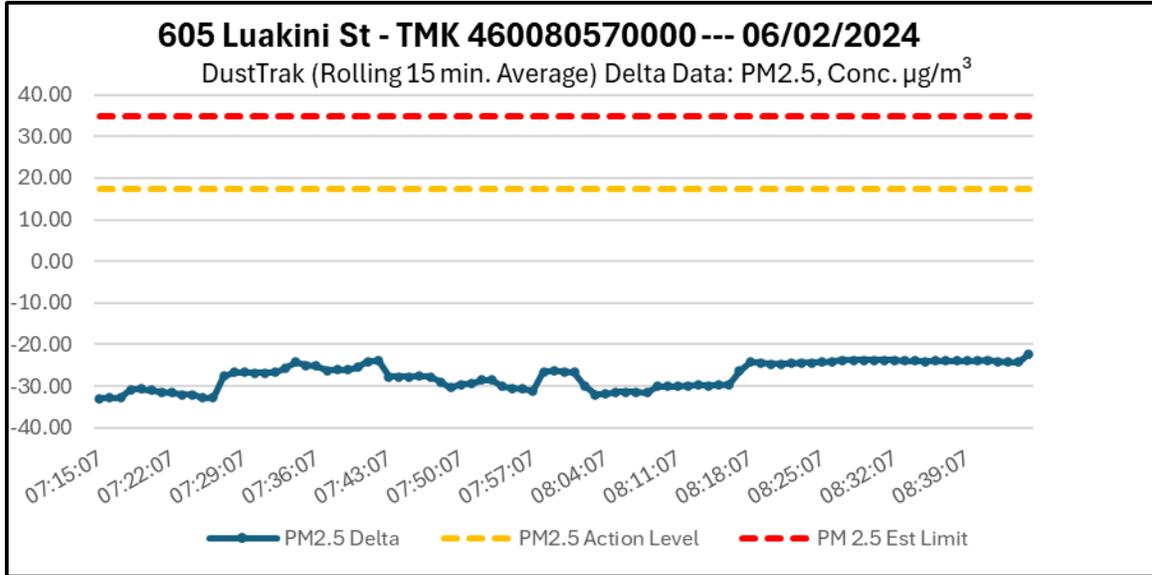
Task Force 5 - 845 Front St TMK 450010070000

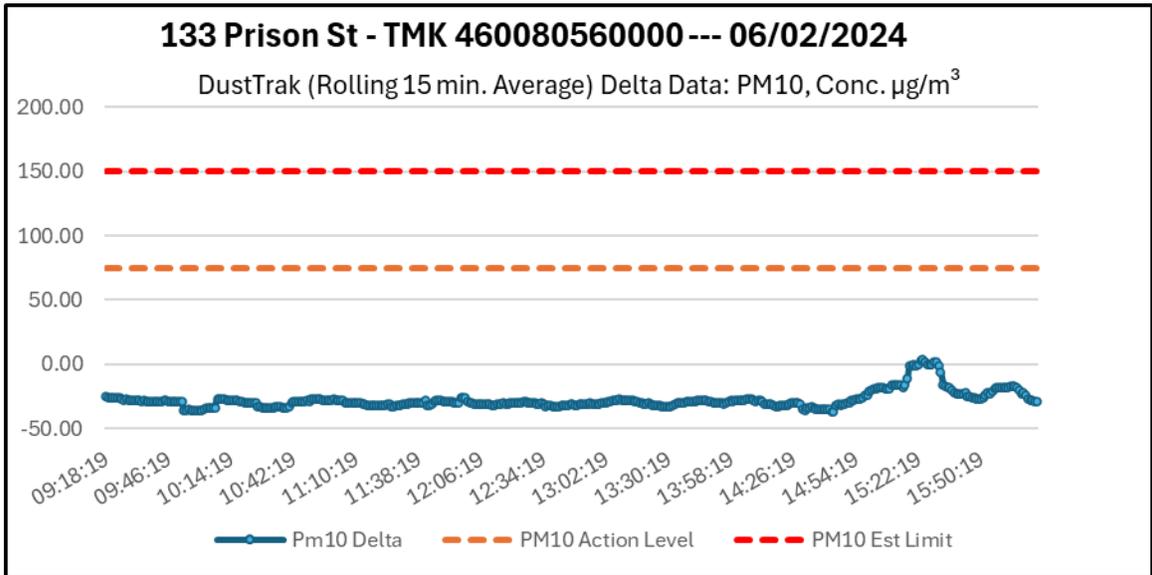
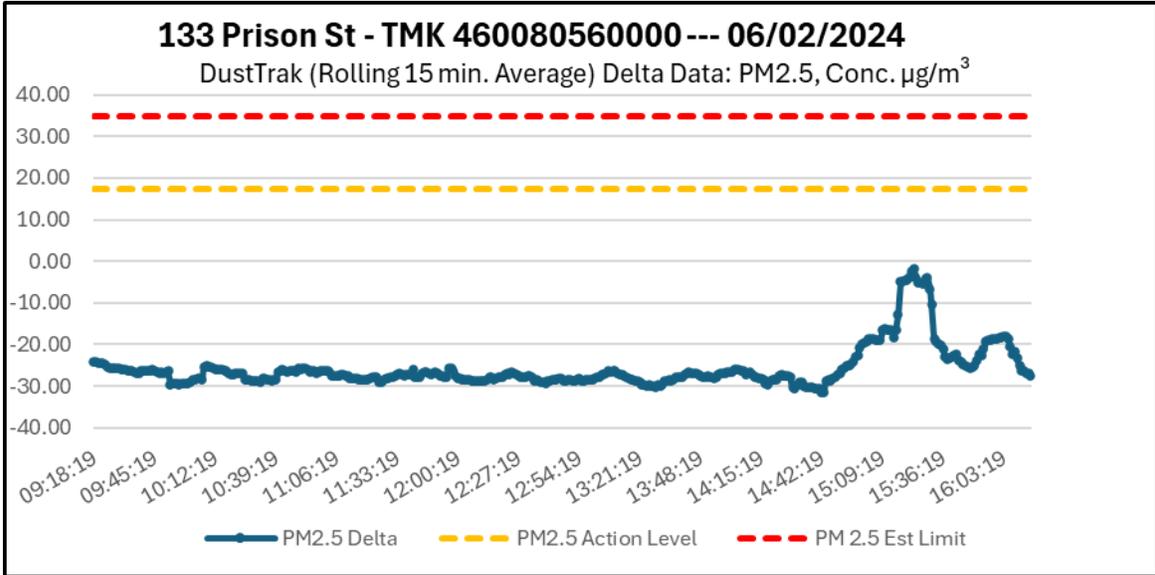
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
605 Luakini	PM 2.5 $\mu\text{g}/\text{m}^3$	-27.12	70	35
605 Luakini	PM 10 $\mu\text{g}/\text{m}^3$	-31.61	300	150
133 Prison	PM 2.5 $\mu\text{g}/\text{m}^3$	-25.85	70	35
133 Prison	PM 10 $\mu\text{g}/\text{m}^3$	-27.72	300	150
Power Plant	PM 2.5 $\mu\text{g}/\text{m}^3$	-1.76	70	35
Power Plant	PM 10 $\mu\text{g}/\text{m}^3$	1.04	300	150
120 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	-9.44	70	35
120 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	-10.37	300	150
222 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	7.99	70	35
222 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	10.53	300	150
845 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-4.66	70	35
845 Front	PM 10 $\mu\text{g}/\text{m}^3$	-5.75	300	150

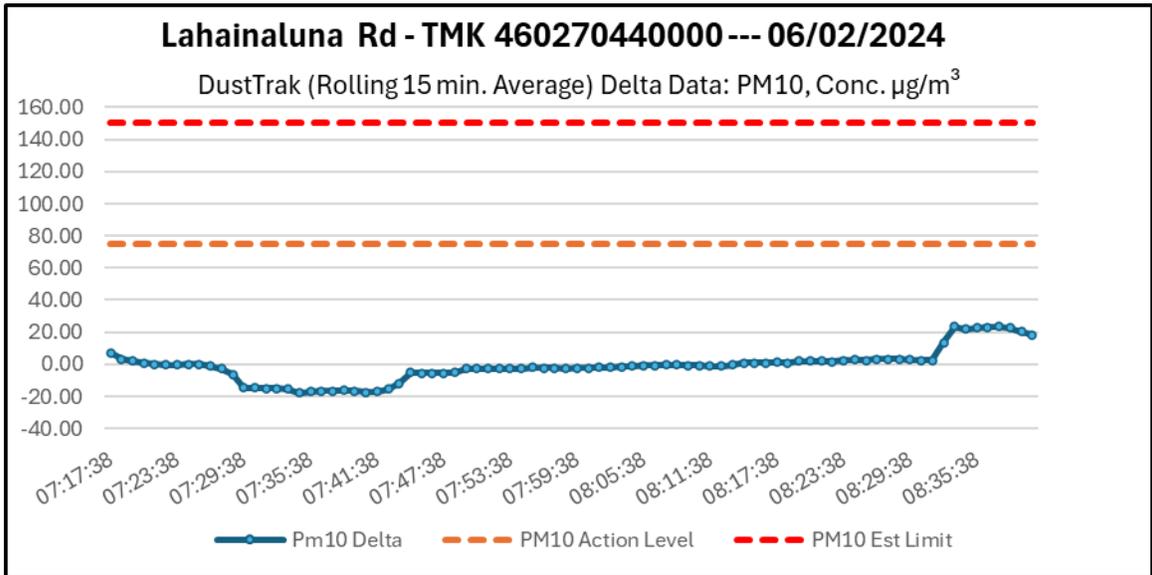
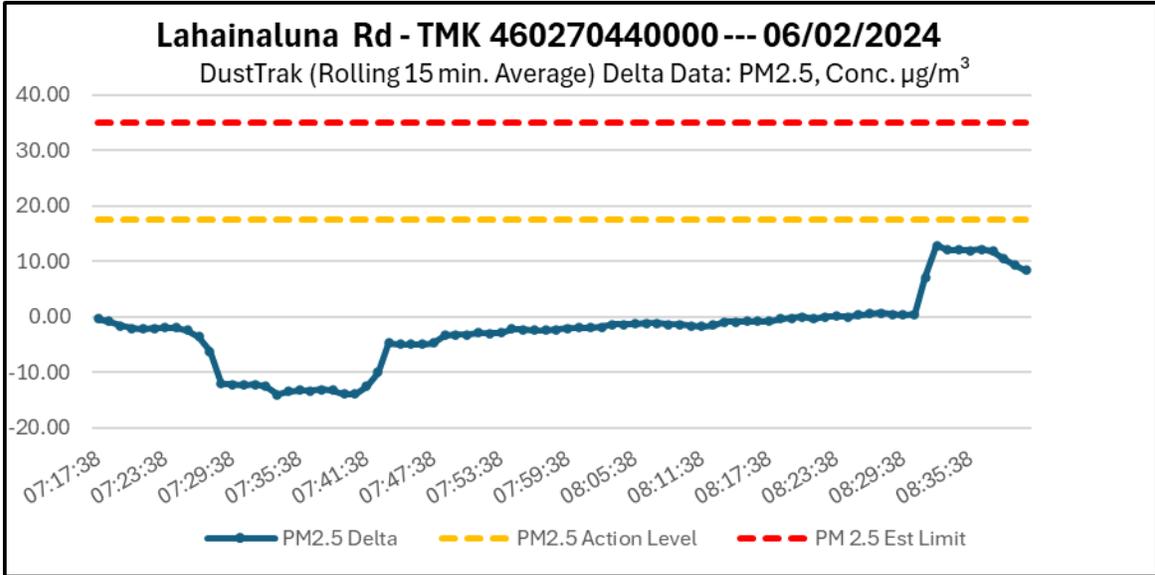
Property Locations:

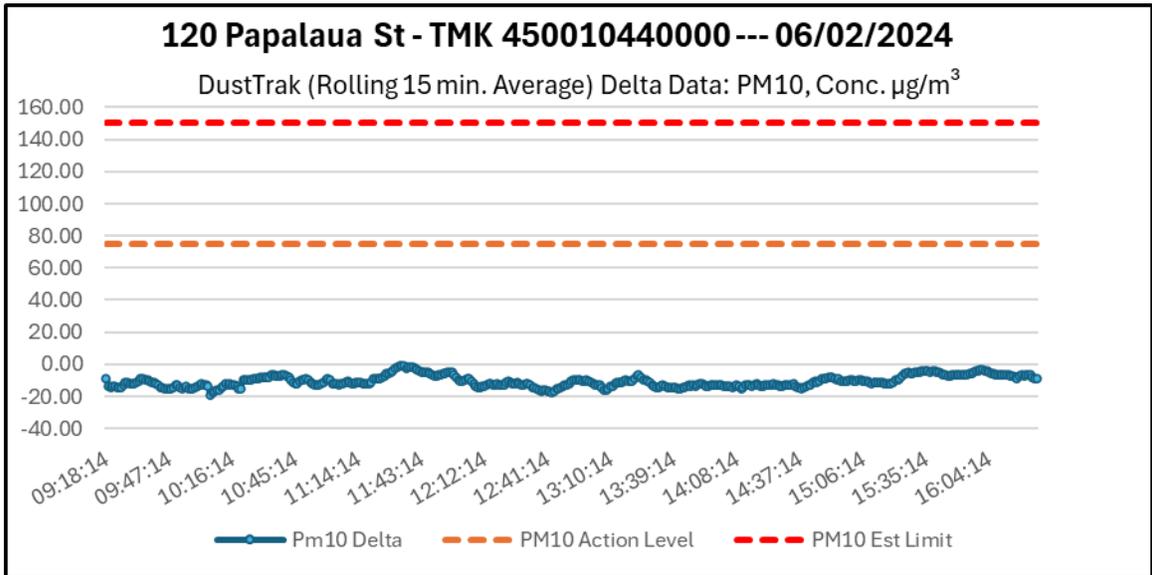
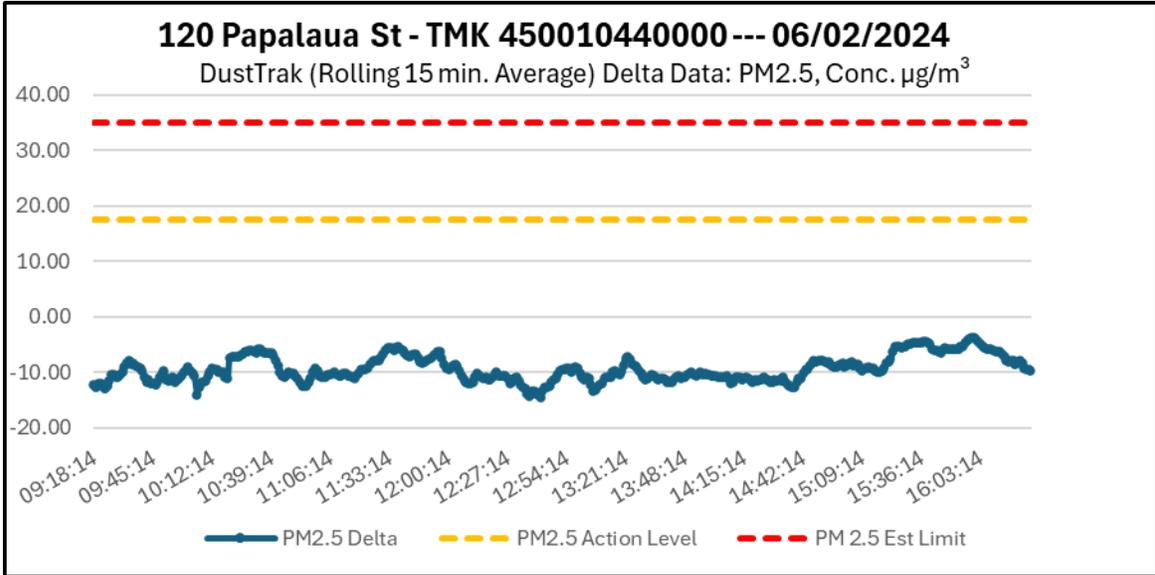


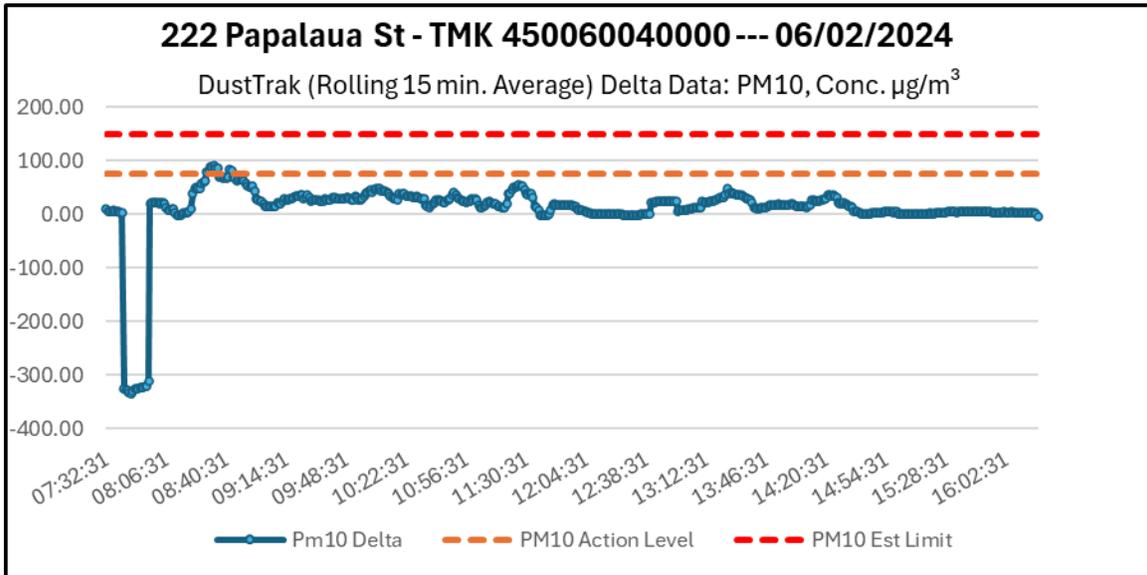
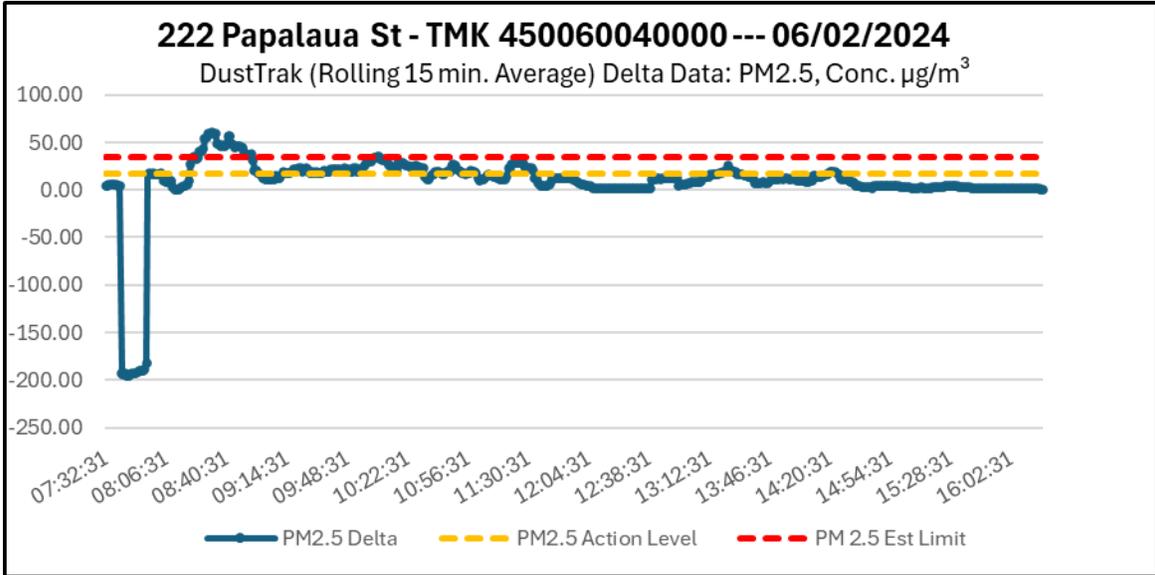
Attached: Daily Dust Monitoring Charts

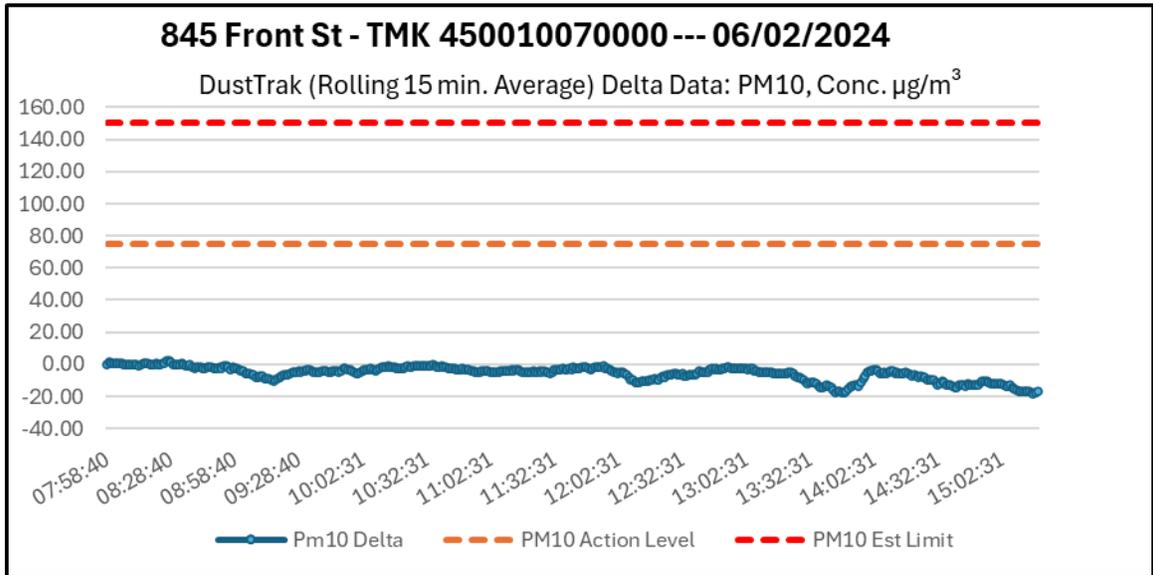
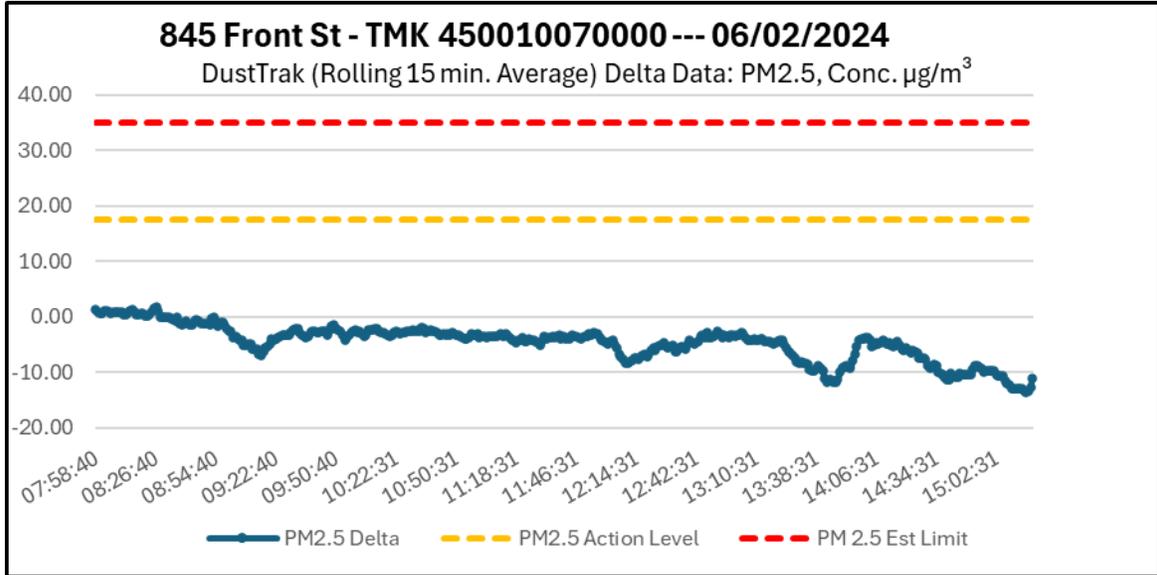














June 4, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

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Summary of June 3, 2024, DustTrak Realtime dust monitoring on 4 properties:

two properties briefly exceeded established limits.

Property 1:

Task Force 6 - 133 Prison St TMK 460080560000

Property 2:

Task Force 2 –120 Papalua St TMK 450010440000

Property 3:

Task Force 4 - 222 Papalua St TMK 450060040000

Property 4:

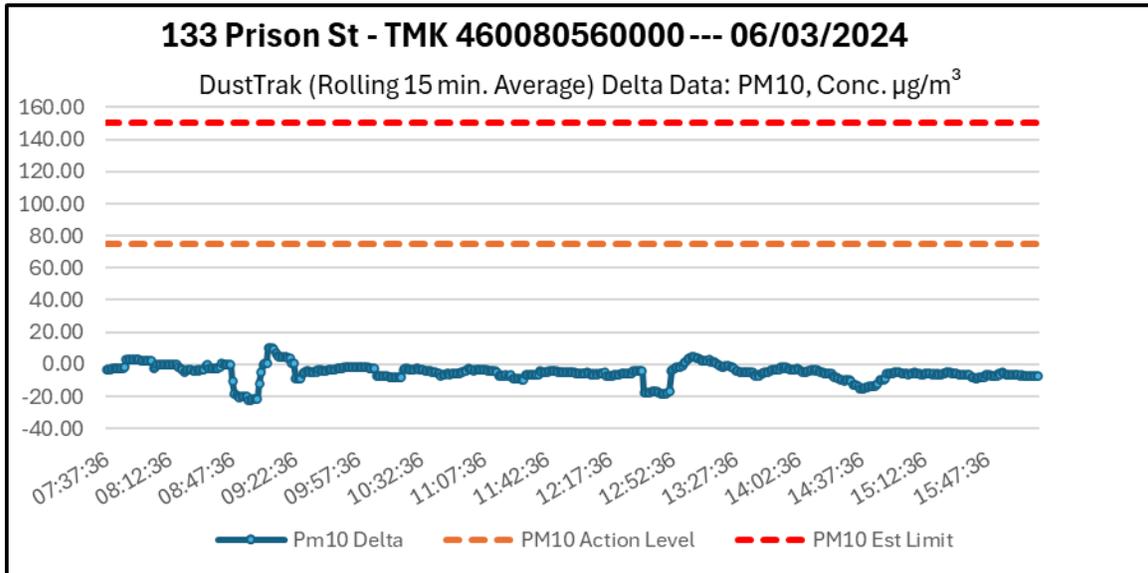
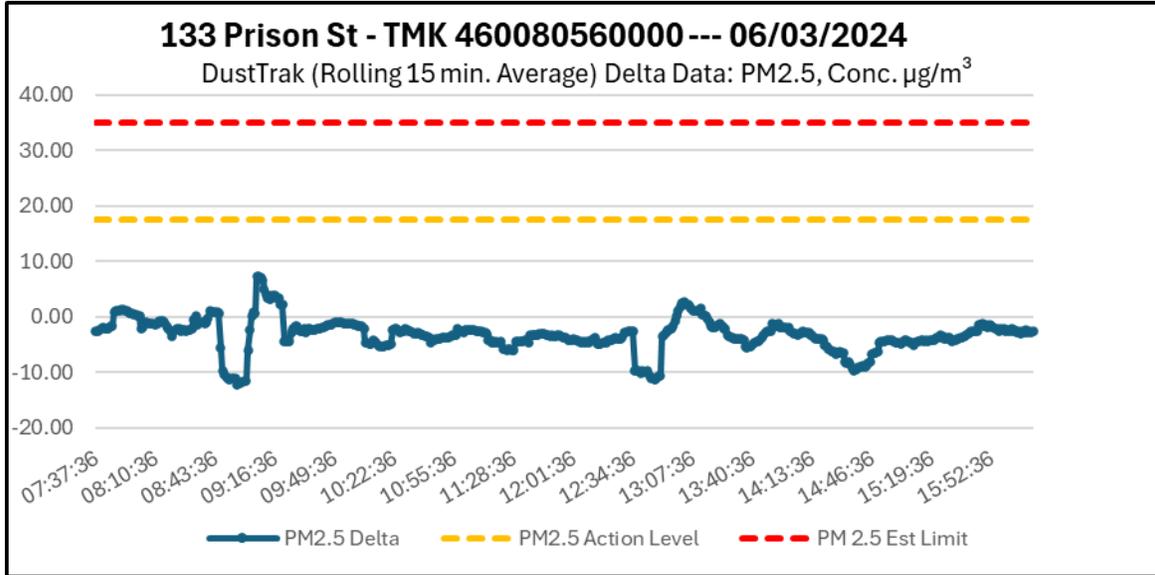
Task Force 5 - 858 Front St TMK 450010170000

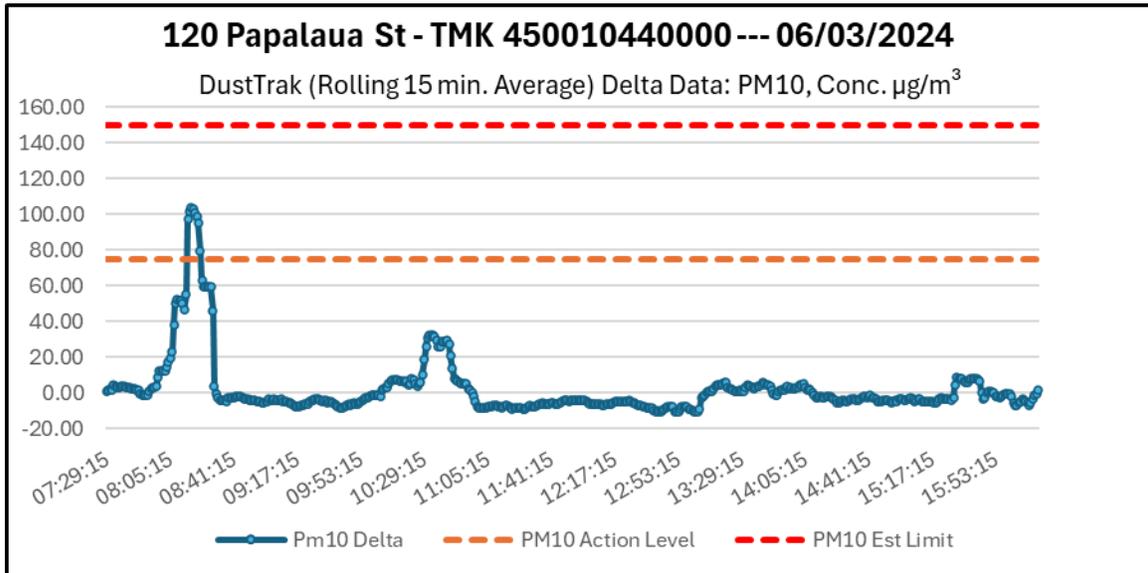
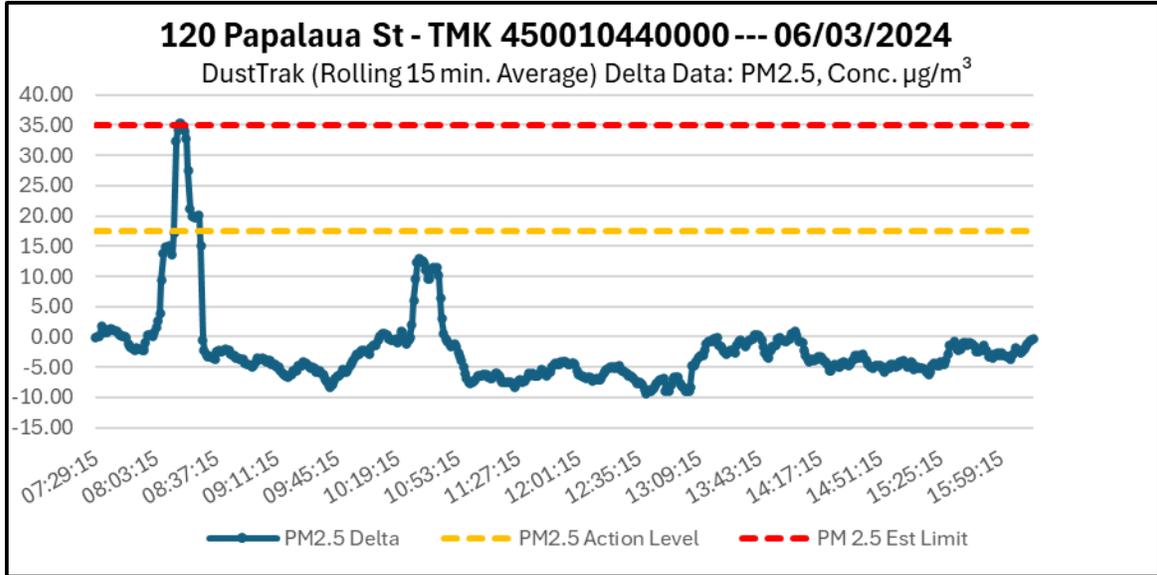
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
133 Prison	PM 2.5 $\mu\text{g}/\text{m}^3$	-3.27	70	35
133 Prison	PM 10 $\mu\text{g}/\text{m}^3$	-5.09	300	150
120 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	-2.15	70	35
120 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	1.92	300	150
222 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	3.98	70	35
222 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	14.41	300	150
858 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.72	70	35
858 Front	PM 10 $\mu\text{g}/\text{m}^3$	0.84	300	150

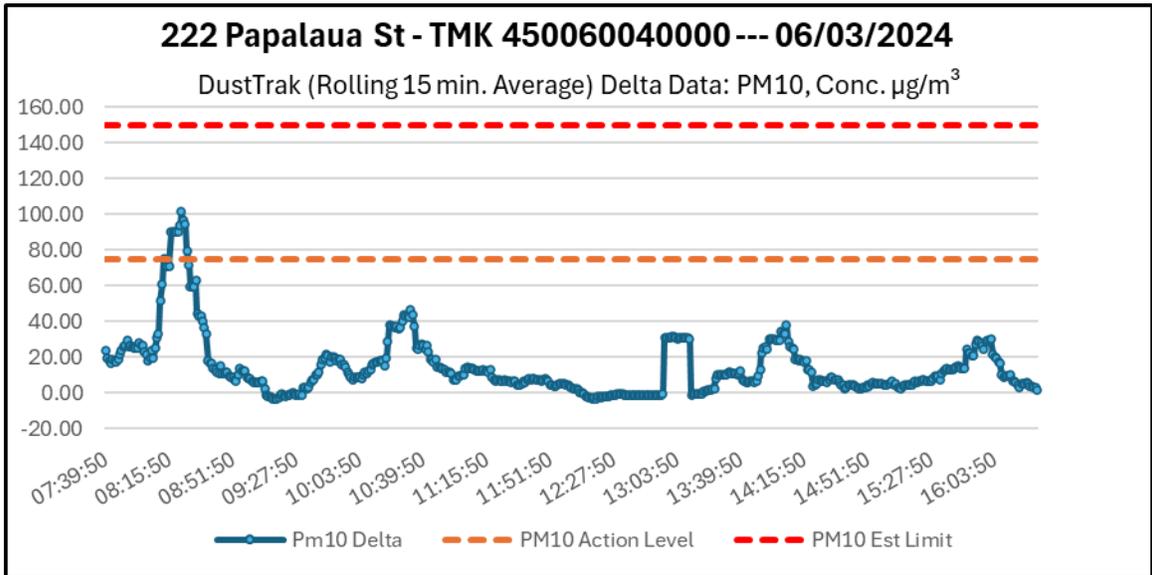
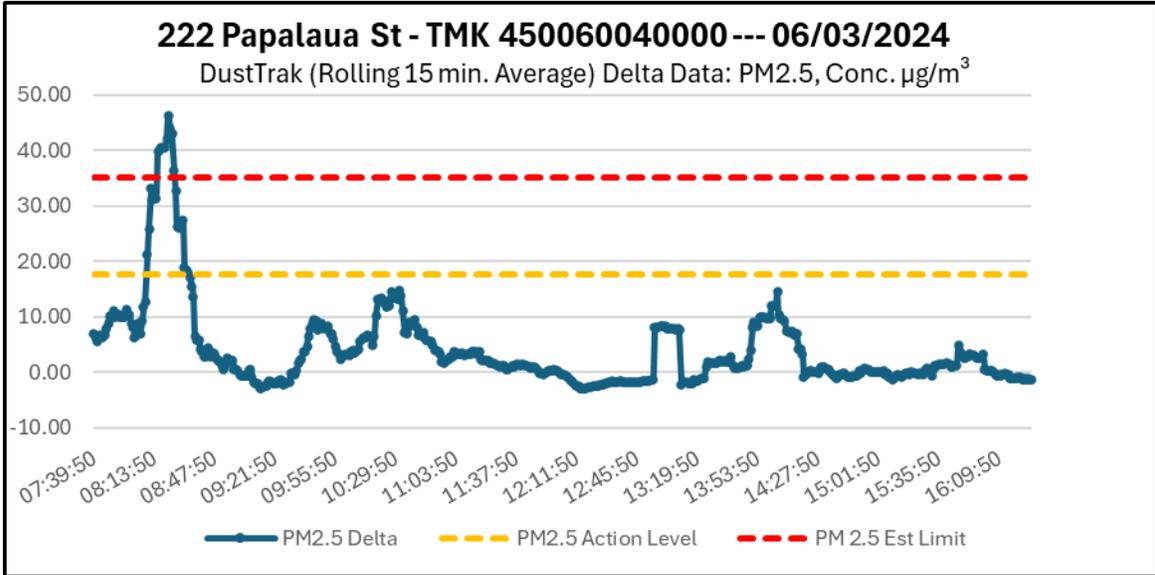
Property Locations:

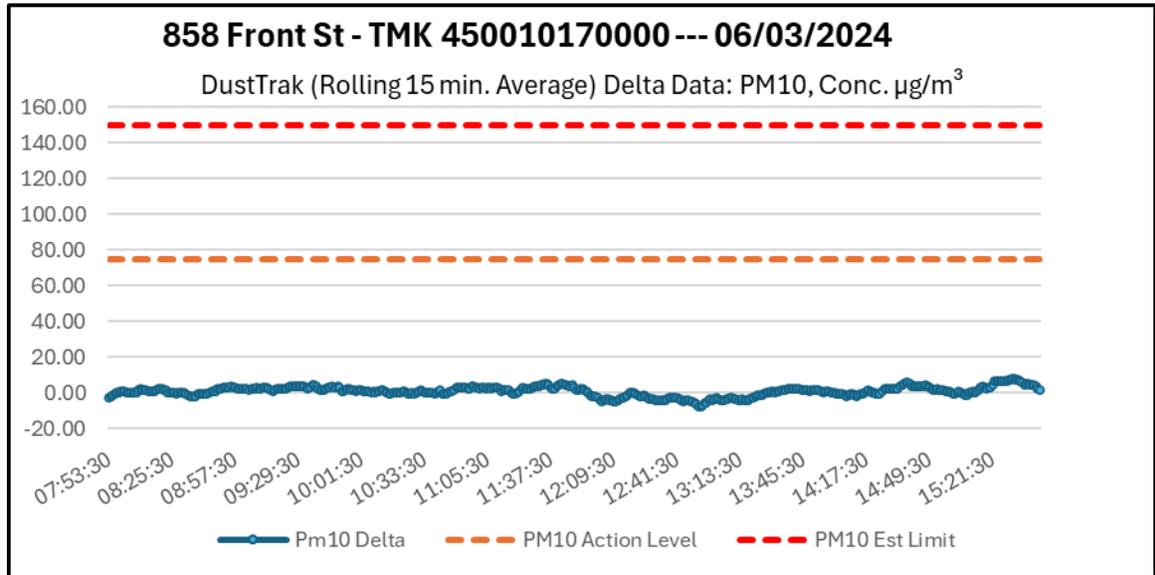
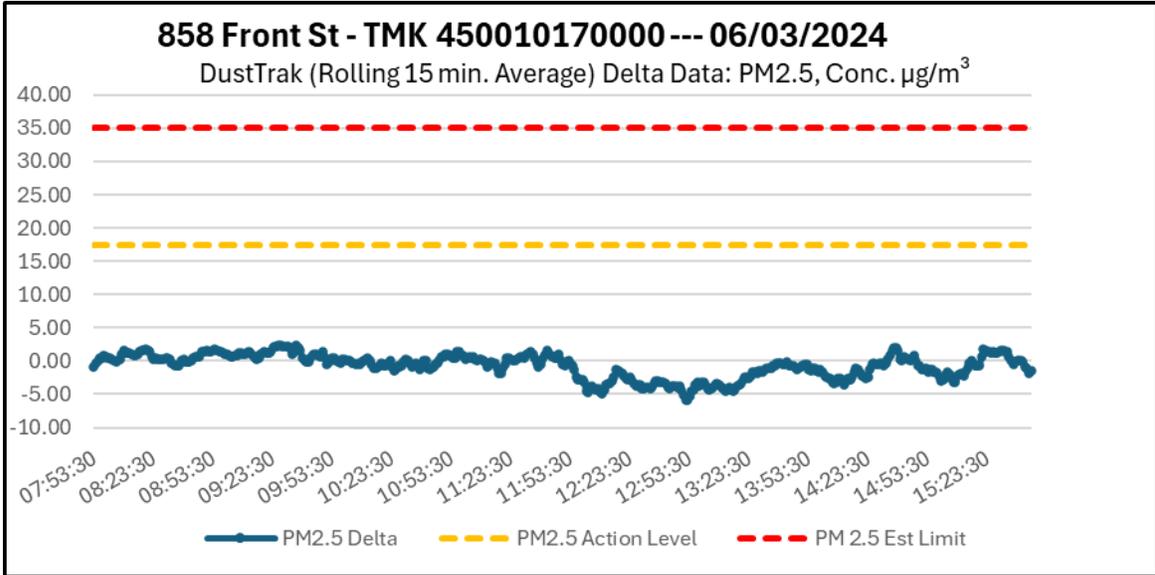


Attached: Daily Dust Monitoring Charts











June 6, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

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Maui Wildfires Emergency Field Office

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Submitted by:

Jon Hake – Project Manager

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Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 5, 2024, DustTrak Realtime dust monitoring on 7 properties:

Three properties exceeded established limits.

Property 1:

Task Force 2 - 736 Front St TMK 460090570000

Property 2:

Task Force 2 - 845 Front St TMK 450010070000

Property 3:

Task Force 6 - 150 Dickenson St TMK 460080290000

Property 4:

Task Force 6 –180 Dickenson St TMK 460080300000

Property 5:

Task Force 5 - 825 Front St TMK 450010030000

Property 6:

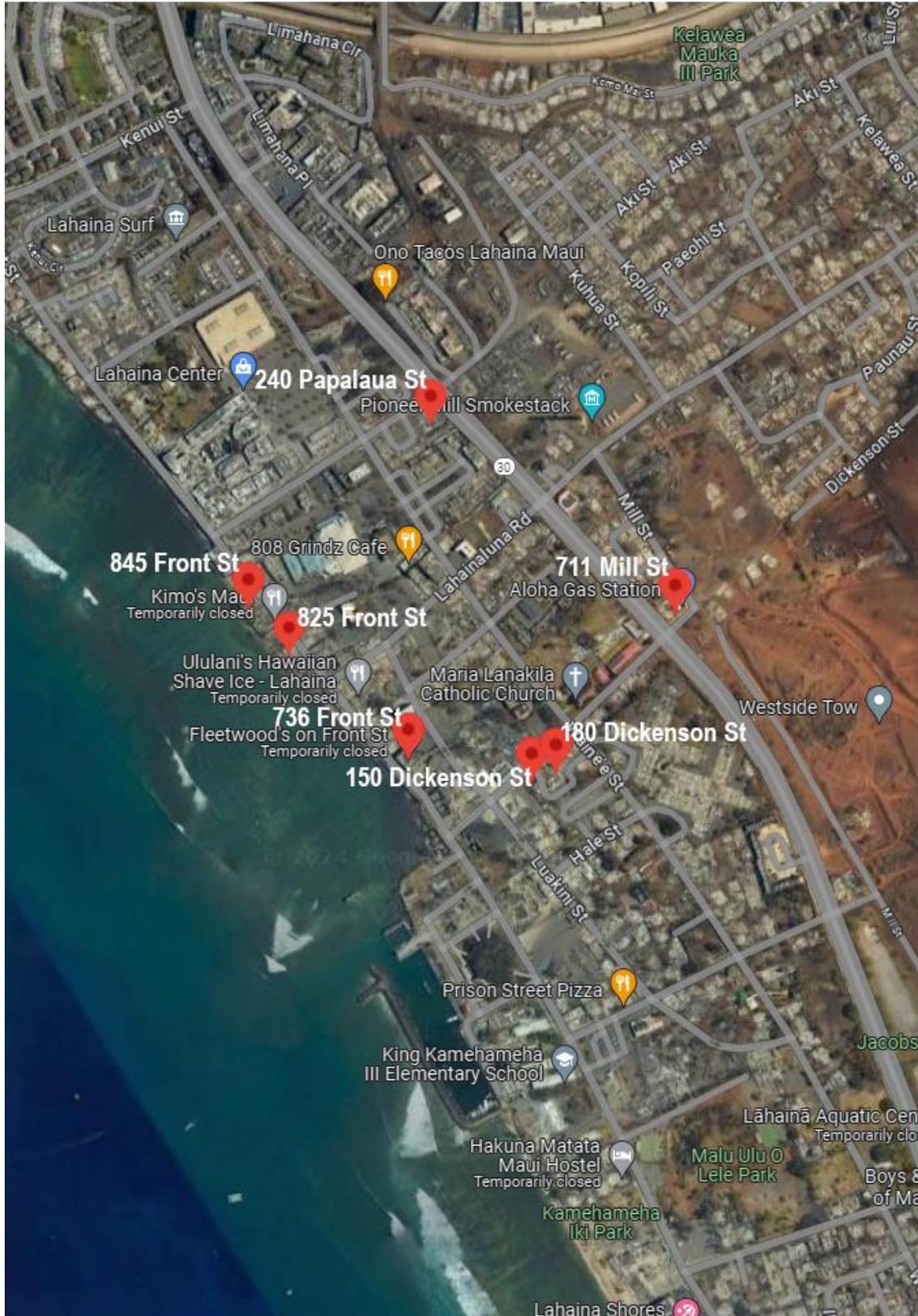
Task Force 4 - 240 Papalaua St TMK 450060140000

Property 7:

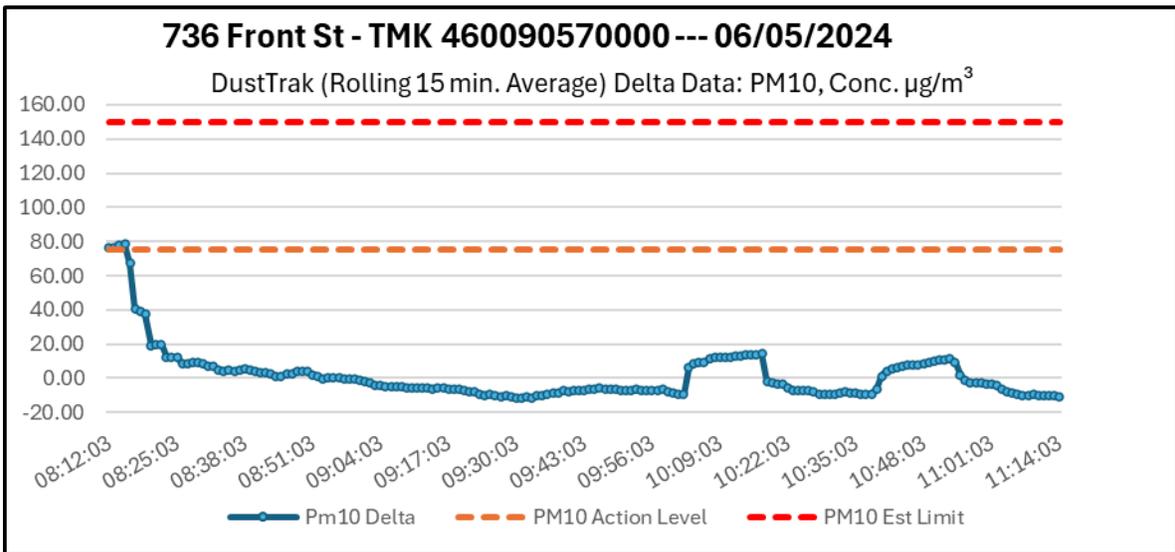
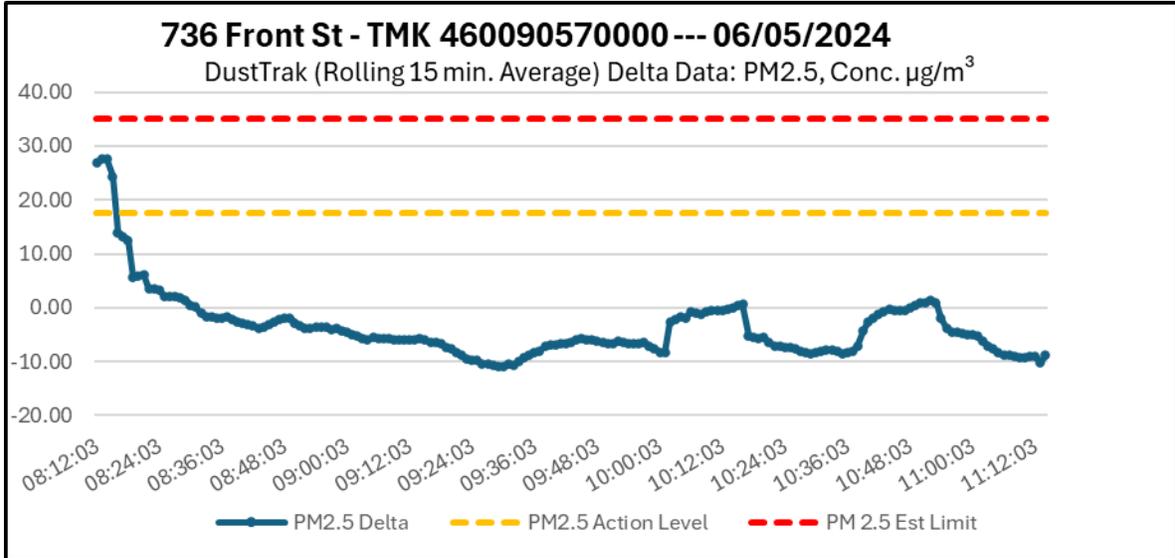
Task Force 4 – 711 Mill St TMK 460100080000

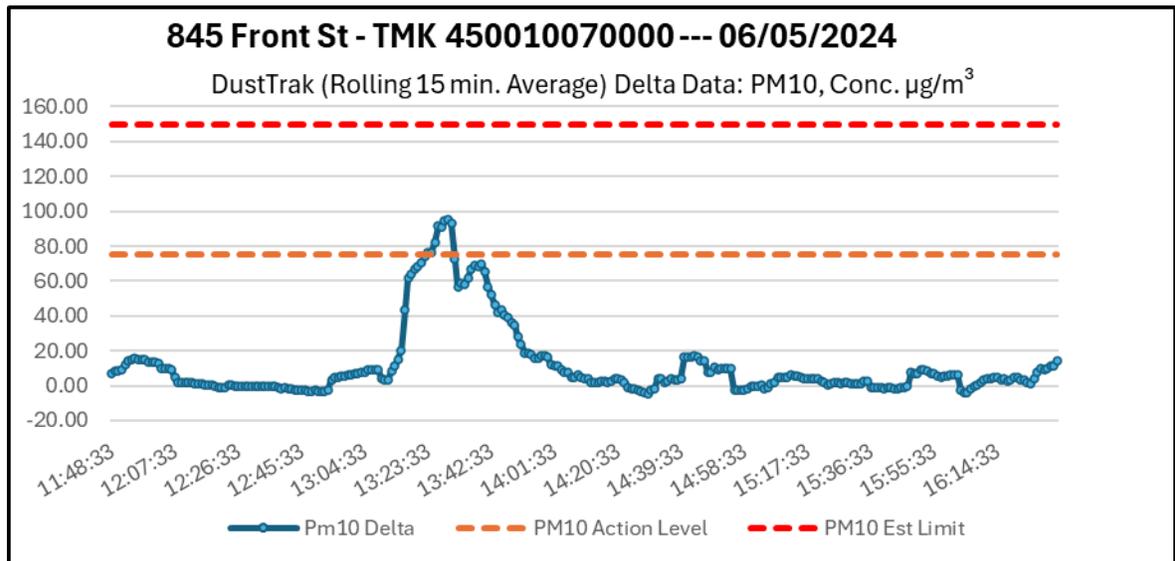
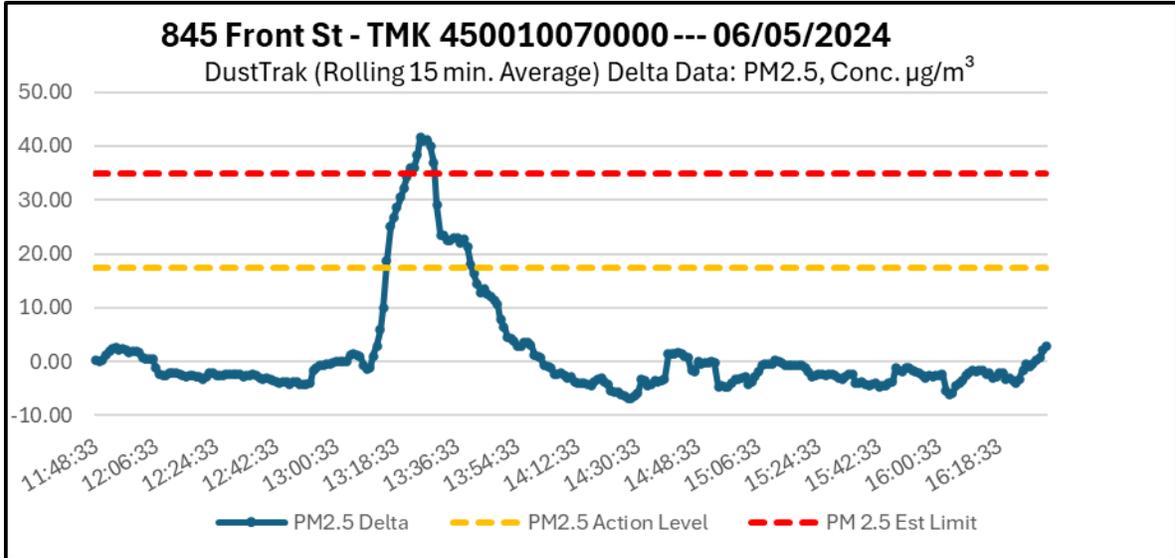
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
736 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-2.43	70	35
736 Front	PM 10 $\mu\text{g}/\text{m}^3$	4.13	300	150
845 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	1.54	70	35
845 Front	PM 10 $\mu\text{g}/\text{m}^3$	11.64	300	150
150 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	3.35	70	35
150 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	4.65	300	150
180 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	9.00	70	35
180 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	11.71	300	150
825 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	1.94	70	35
825 Front	PM 10 $\mu\text{g}/\text{m}^3$	5.98	300	150
240 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	0.99	70	35
240 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	-0.47	300	150
711 Mill	PM 2.5 $\mu\text{g}/\text{m}^3$	8.52	70	35
711 Mill	PM 10 $\mu\text{g}/\text{m}^3$	14.29	300	150

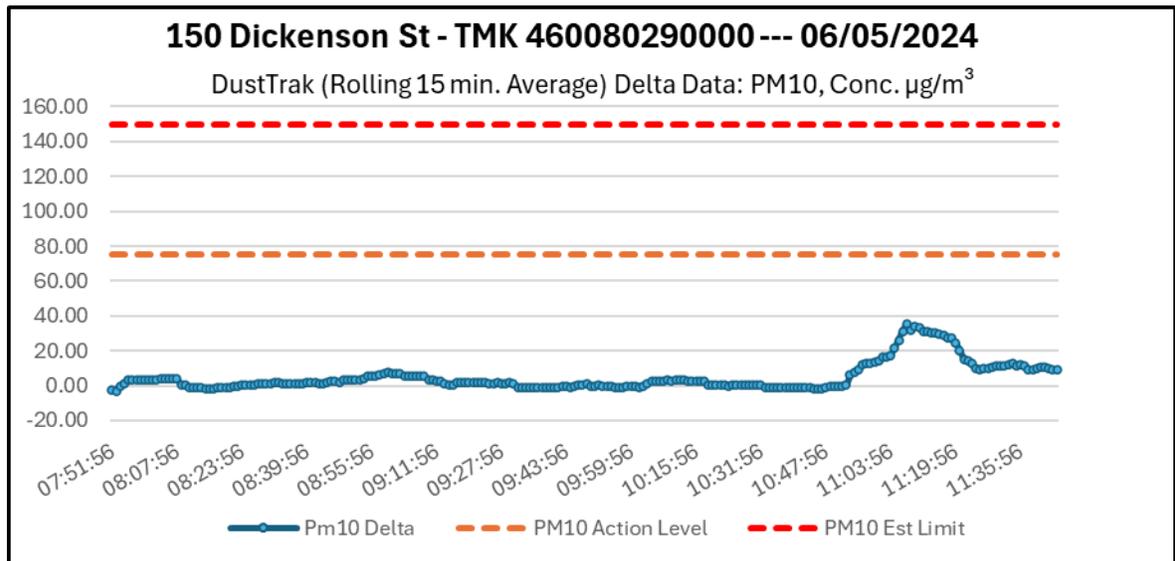
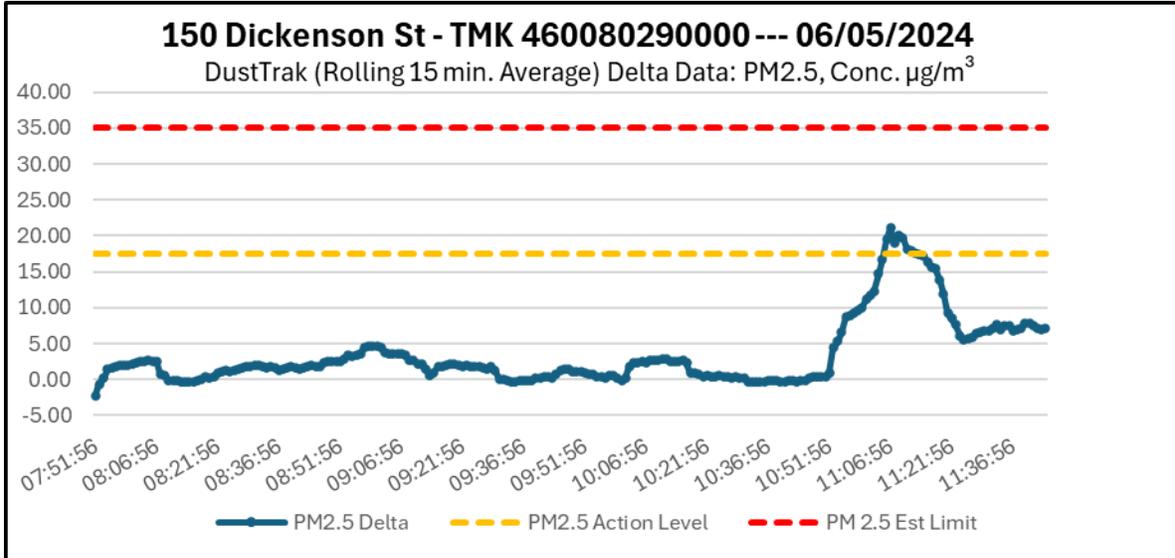
Property Locations:

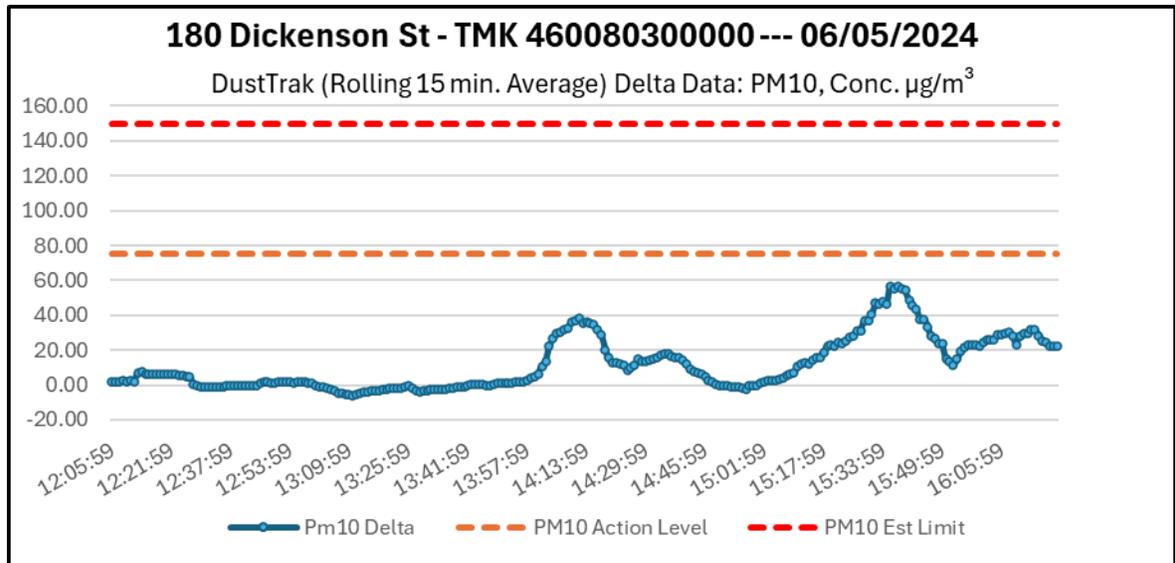
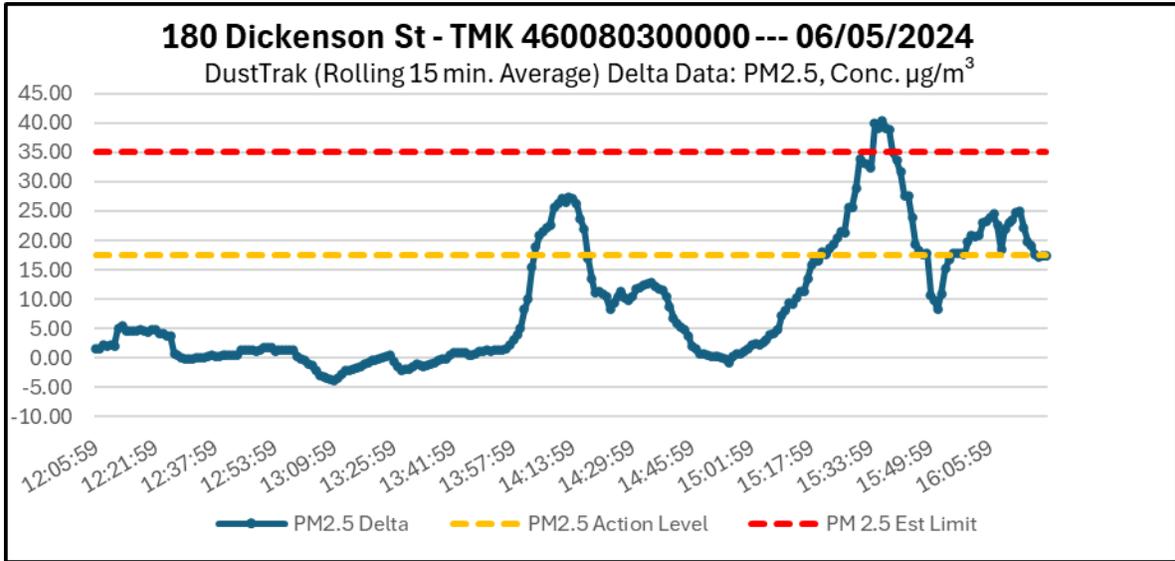


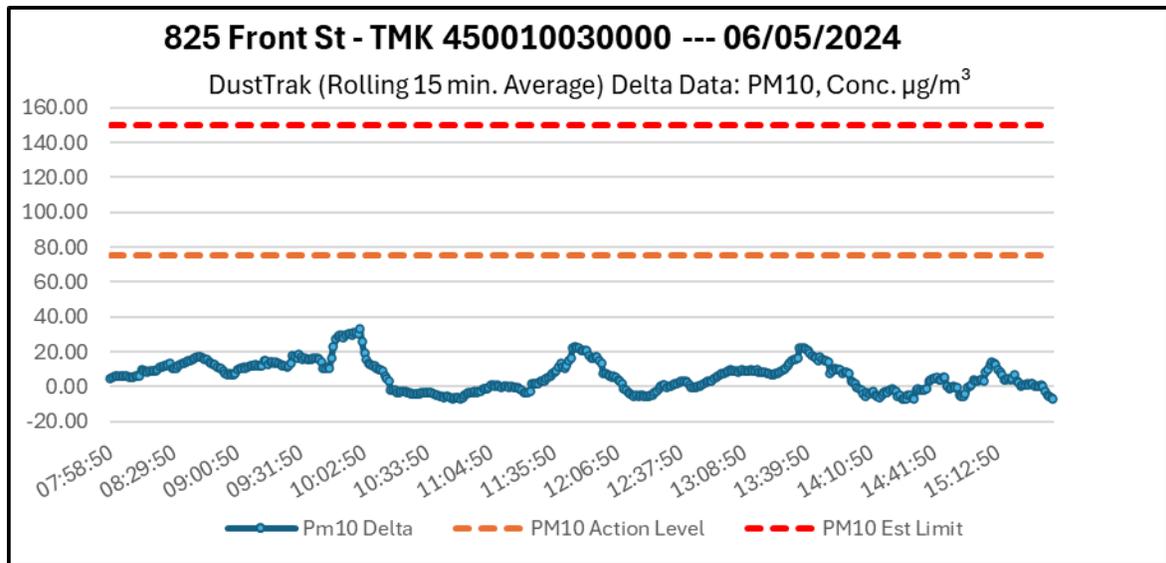
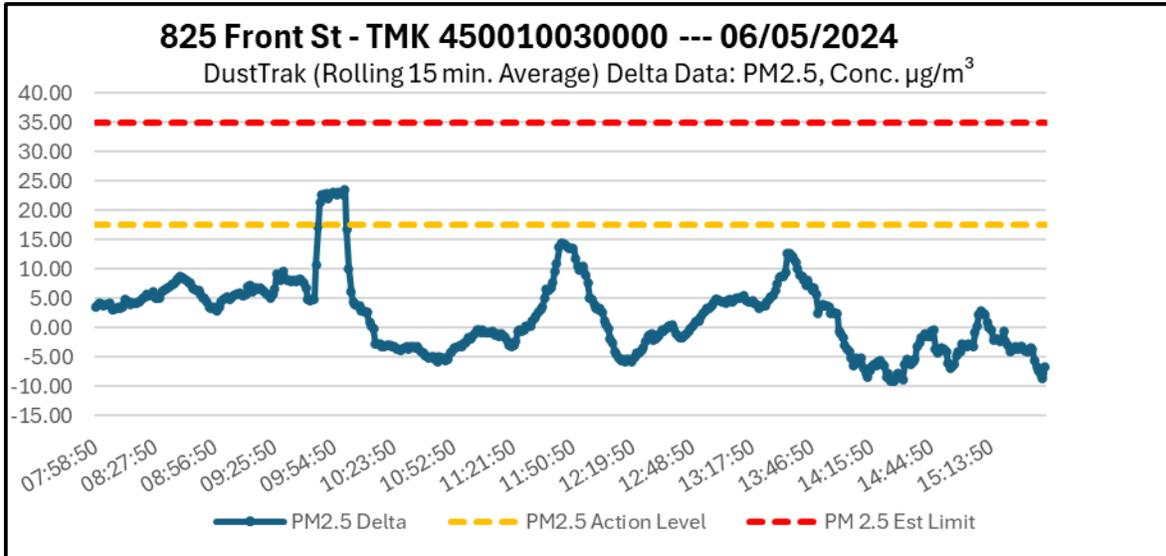
Attached: Daily Dust Monitoring Charts

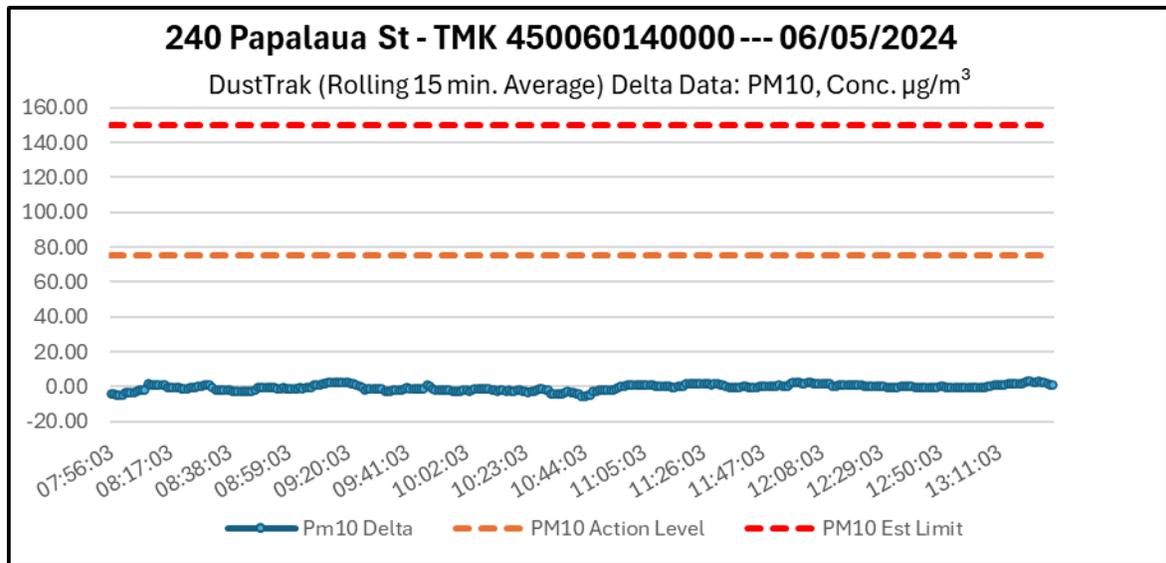
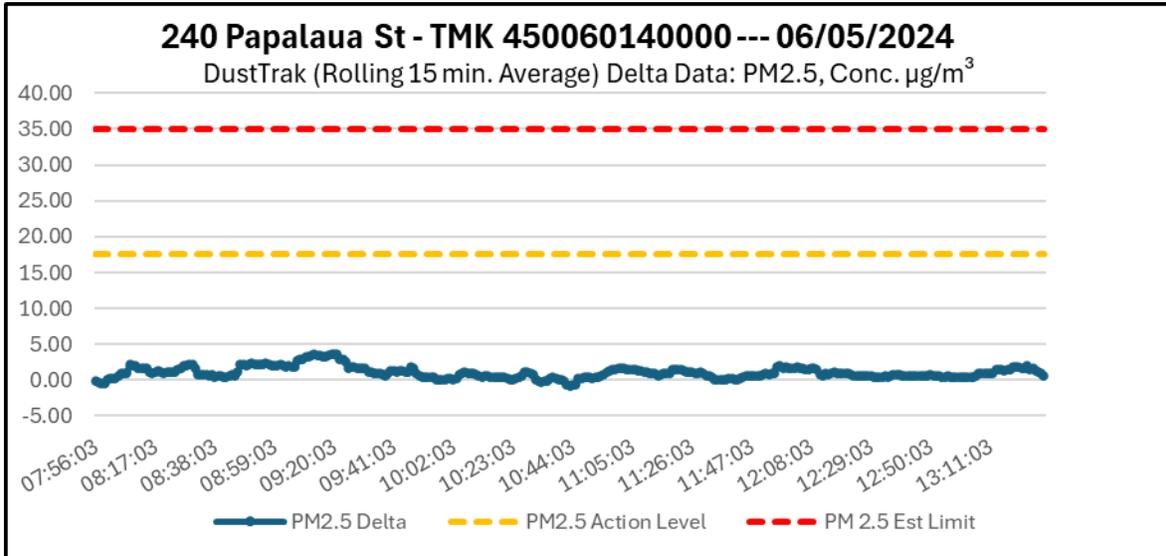


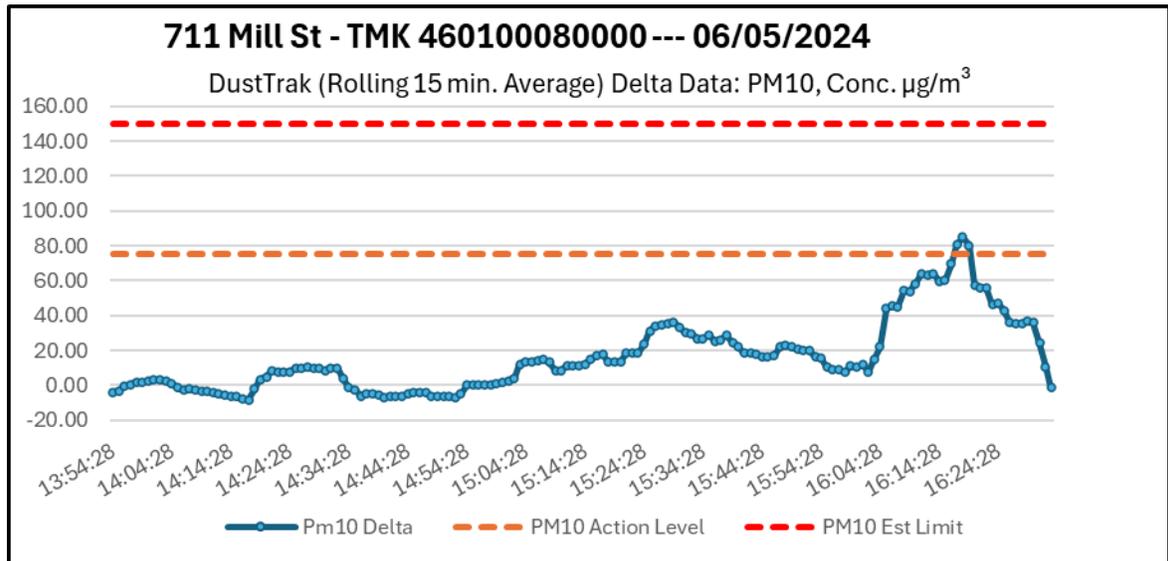
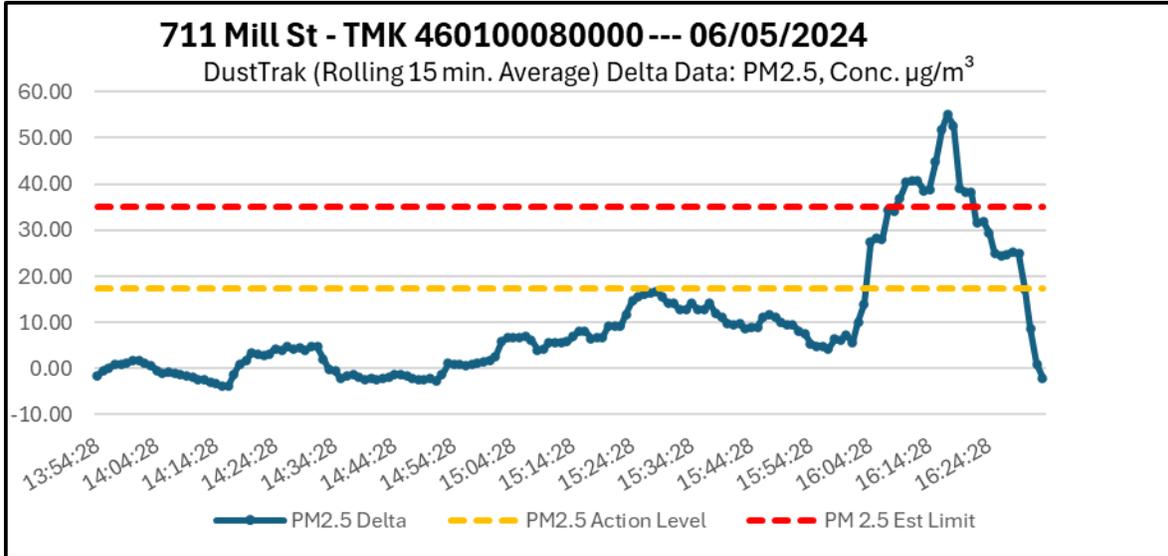














June 9, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

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Response Debris Removal Support

Submitted to:

Brian Brandt, PE

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Jon Hake – Project Manager

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Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 8, 2024, DustTrak Realtime dust monitoring on 5 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 858 Front St TMK 450010170000

Property 2:

Task Force 6 –180 Dickenson St TMK 460080300000

Property 3:

Task Force 5 - 790 Front St TMK 460090110000

Property 4:

Task Force 4 - 711 Mill St TMK 460100080000

Property 5:

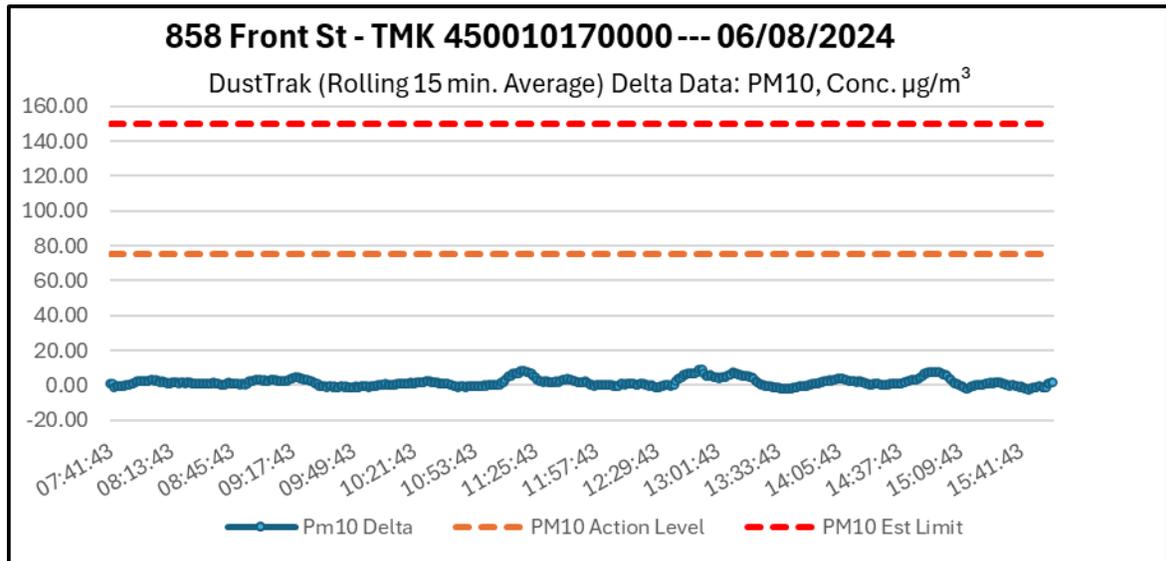
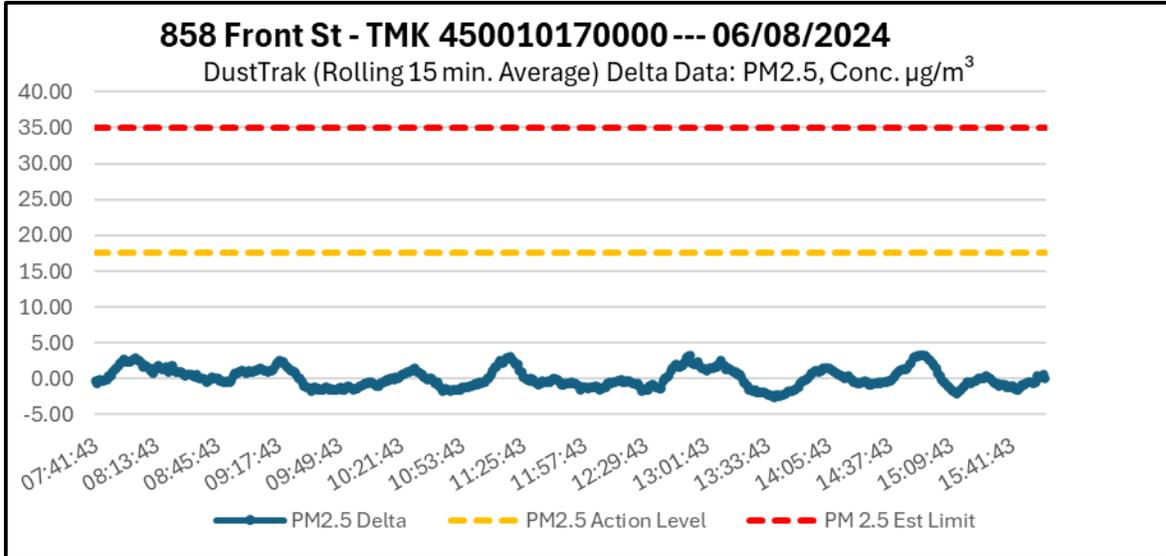
Task Force 4 - 354 Dickenson St TMK 460270430000

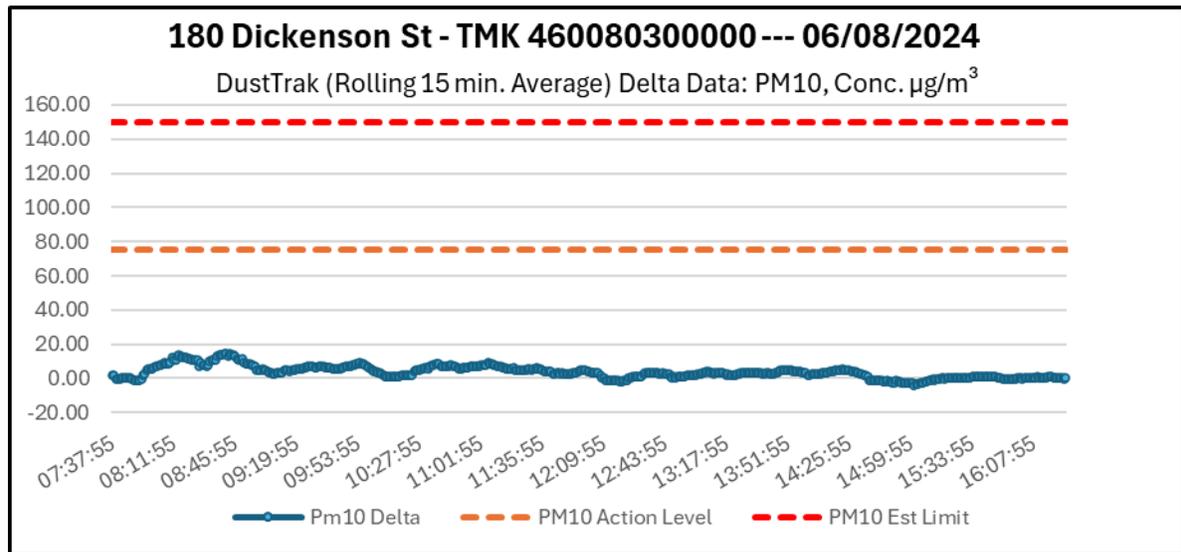
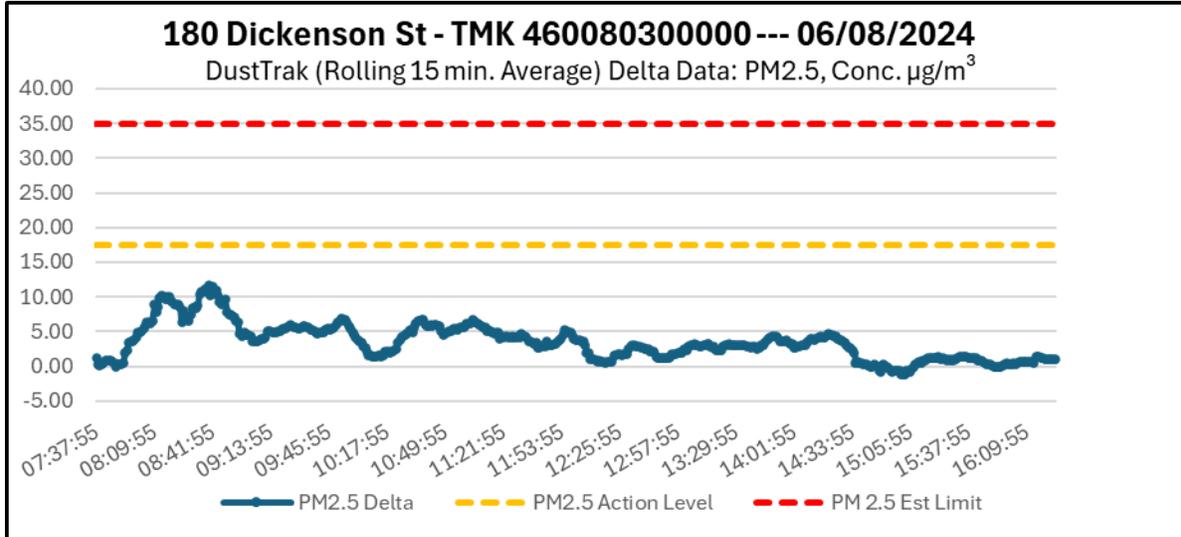
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
858 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	0.09	70	35
858 Front	PM 10 $\mu\text{g}/\text{m}^3$	1.71	300	150
180 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	3.38	70	35
180 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	3.57	300	150
790 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	0.05	70	35
790 Front	PM 10 $\mu\text{g}/\text{m}^3$	-6.92	300	150
711 Mill	PM 2.5 $\mu\text{g}/\text{m}^3$	2.78	70	35
711 Mill	PM 10 $\mu\text{g}/\text{m}^3$	1.64	300	150
354 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	7.57	70	35
354 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	8.71	300	150

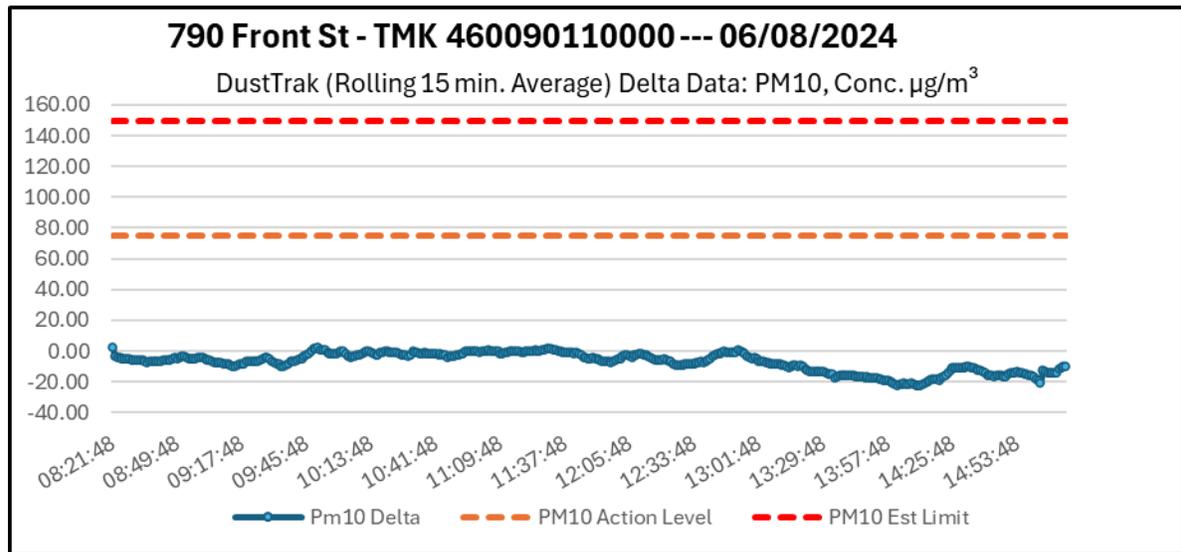
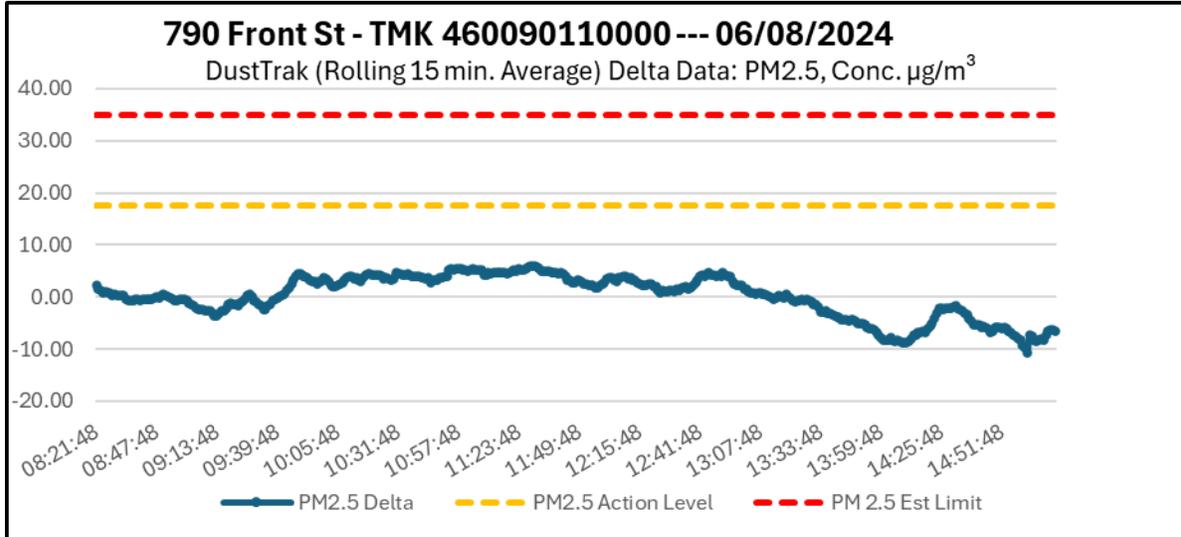
Property Locations:

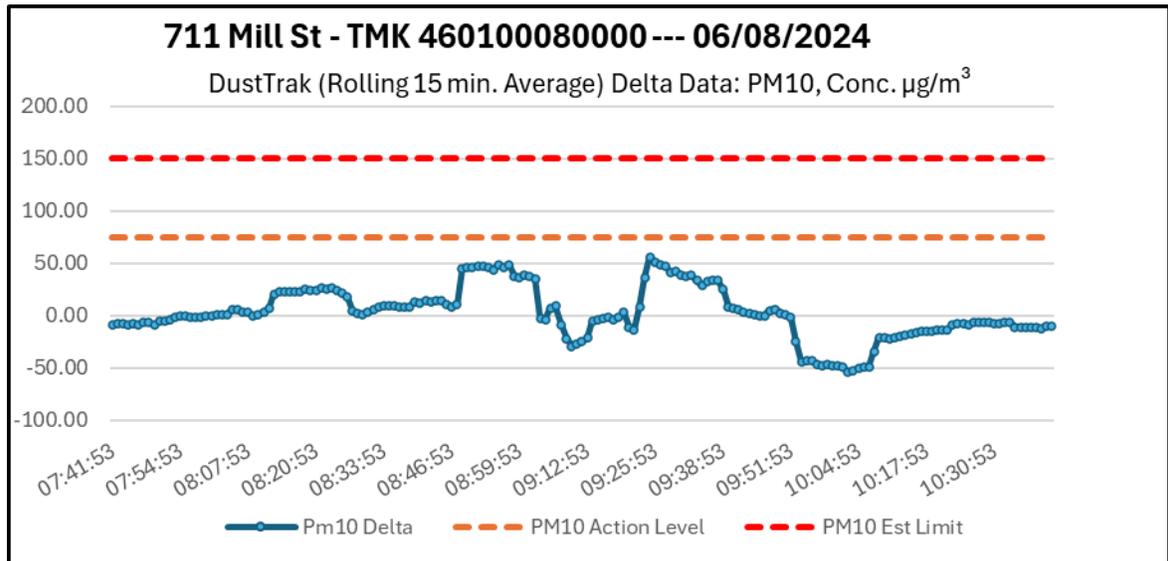
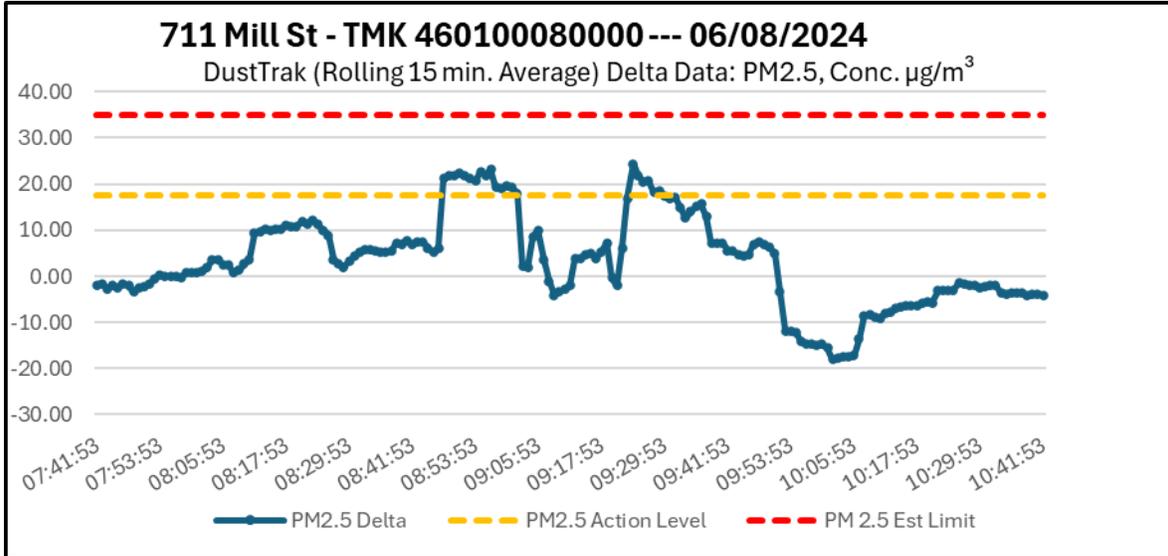


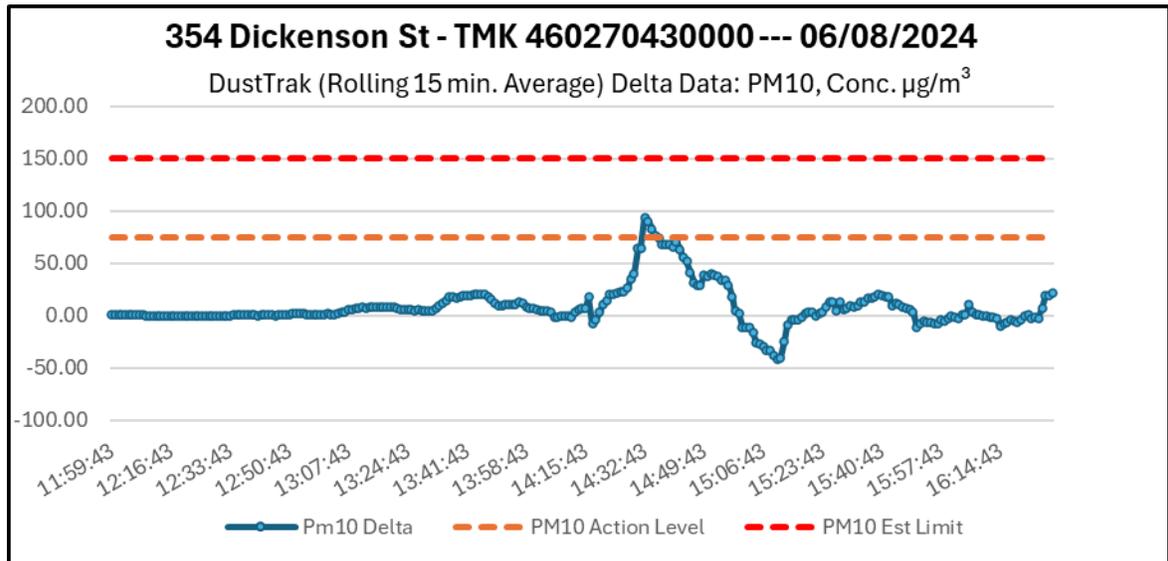
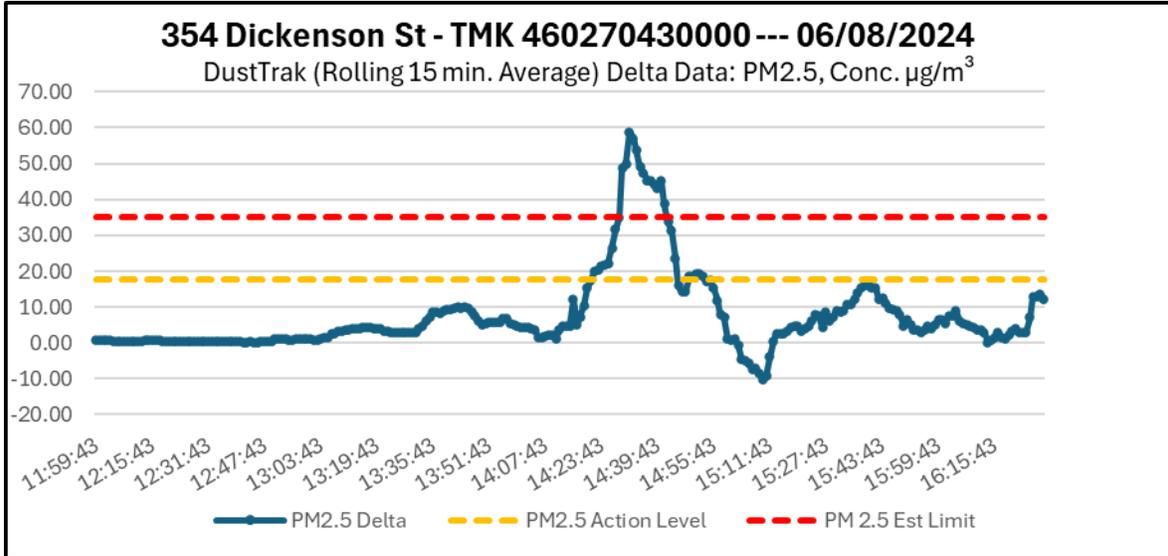
Attached: Daily Dust Monitoring Charts













June 10, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative
Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 9, 2024, DustTrak Realtime dust monitoring on 5 properties:

No properties exceeded established limits.

Property 1:

Task Force 2 - 858 Front St TMK 450010170000

Property 2:

Task Force 2 - 94 Kupuohi St TMK 450100200000

Property 3:

Task Force 6 –180 Dickenson St TMK 460080300000

Property 4:

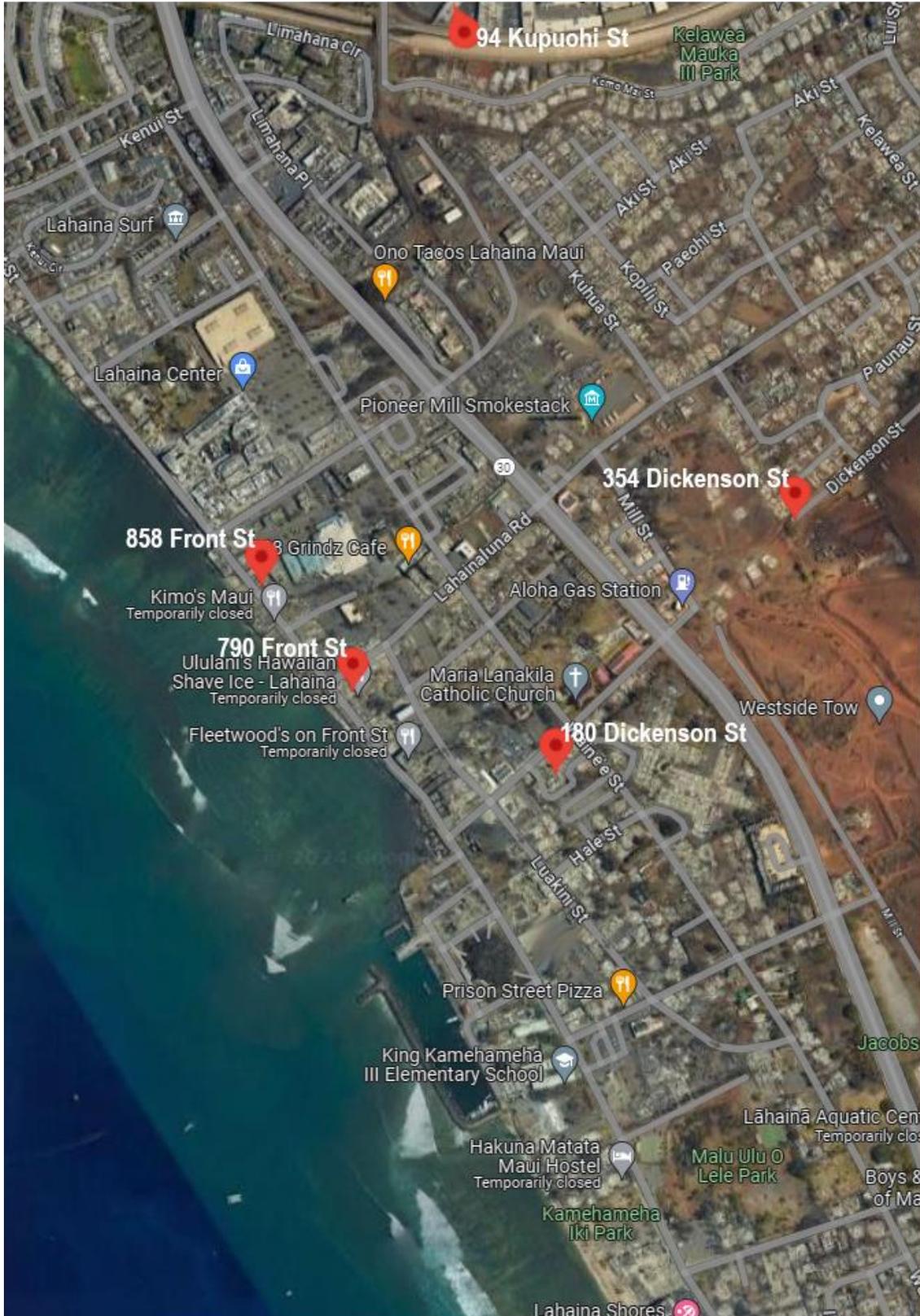
Task Force 5 - 790 Front St TMK 460090110000

Property 5:

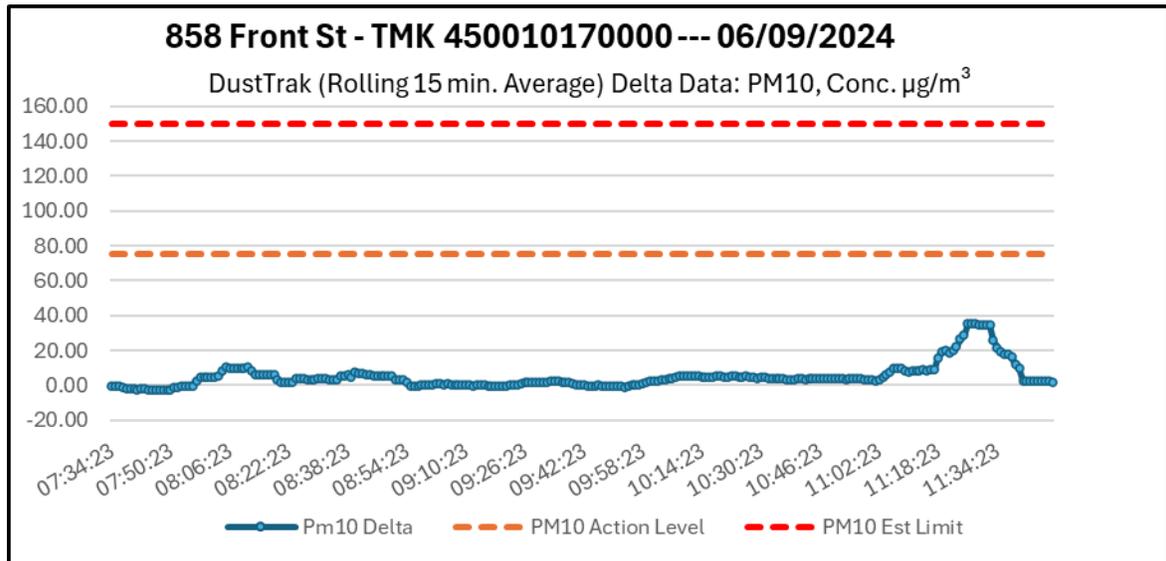
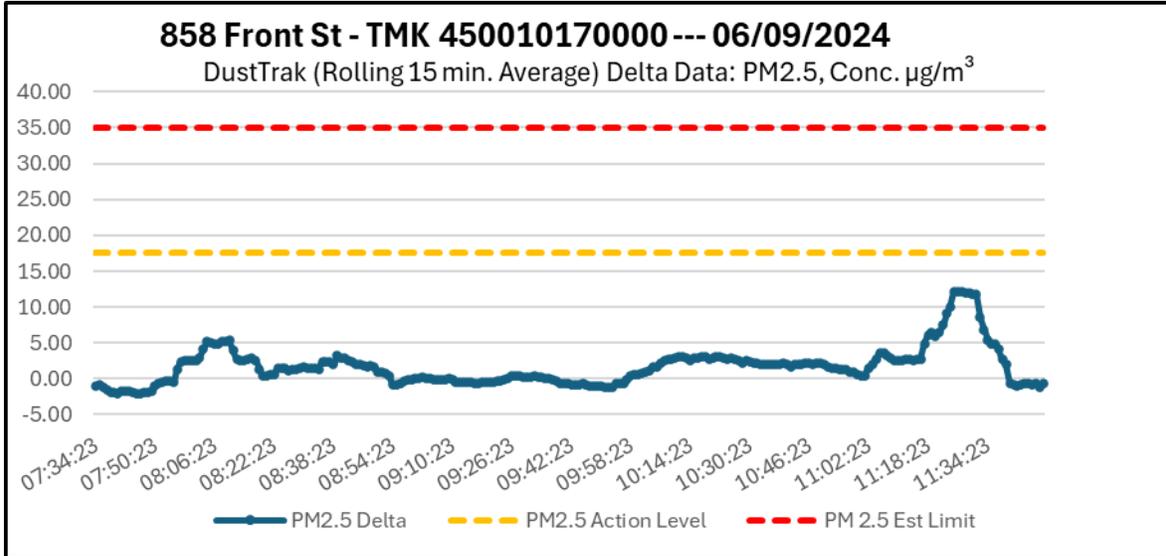
Task Force 4 - 354 Dickenson St TMK 460270430000

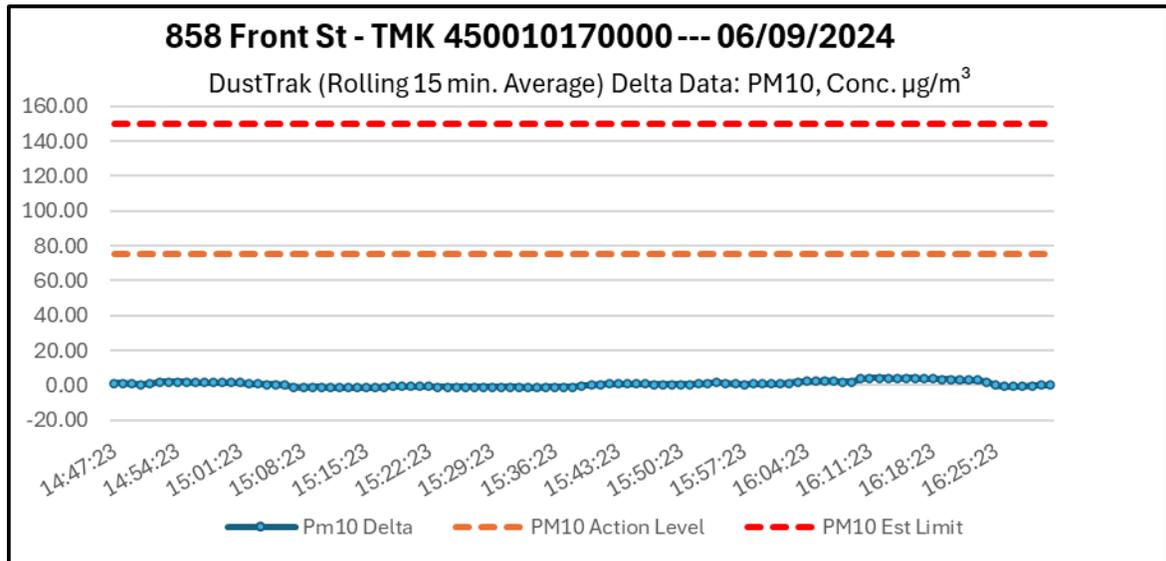
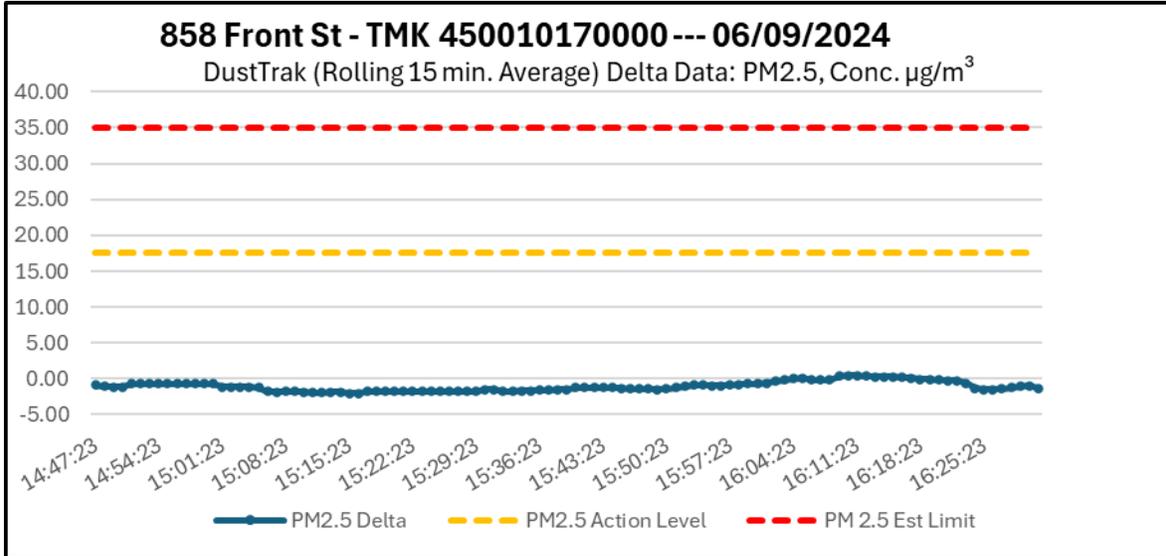
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
858 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	1.52	70	35
858 Front	PM 10 $\mu\text{g}/\text{m}^3$	4.65	300	150
94 Kupuohi	PM 2.5 $\mu\text{g}/\text{m}^3$	-1.08	70	35
94 Kupuohi	PM 10 $\mu\text{g}/\text{m}^3$	0.71	300	150
180 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	1.31	70	35
180 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	1.49	300	150
790 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.83	70	35
790 Front	PM 10 $\mu\text{g}/\text{m}^3$	-5.93	300	150
354 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	-4.37	70	35
354 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	-21.19	300	150

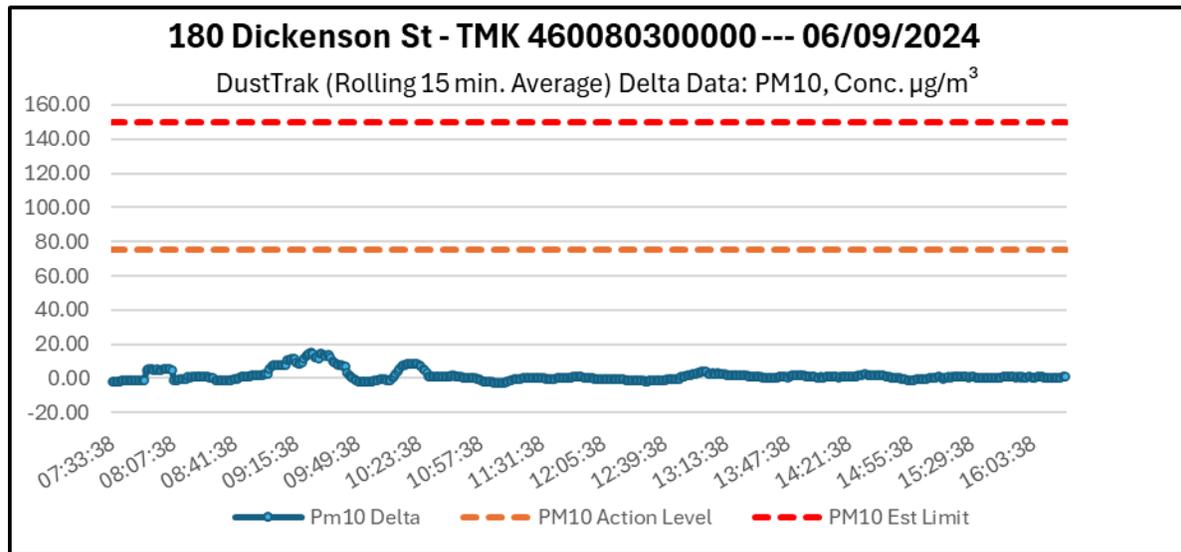
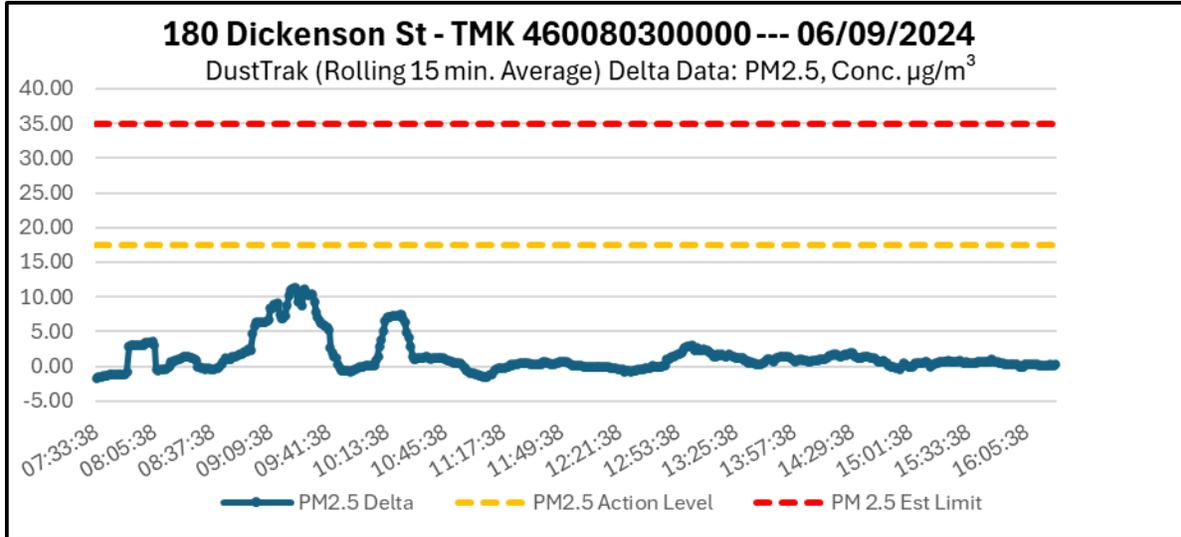
Property Locations:

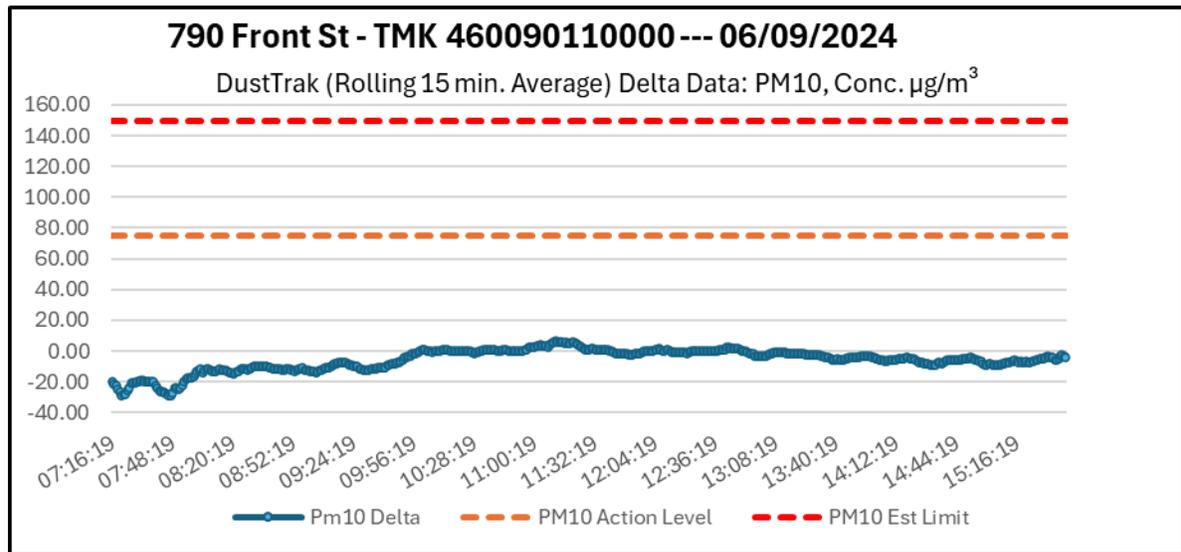
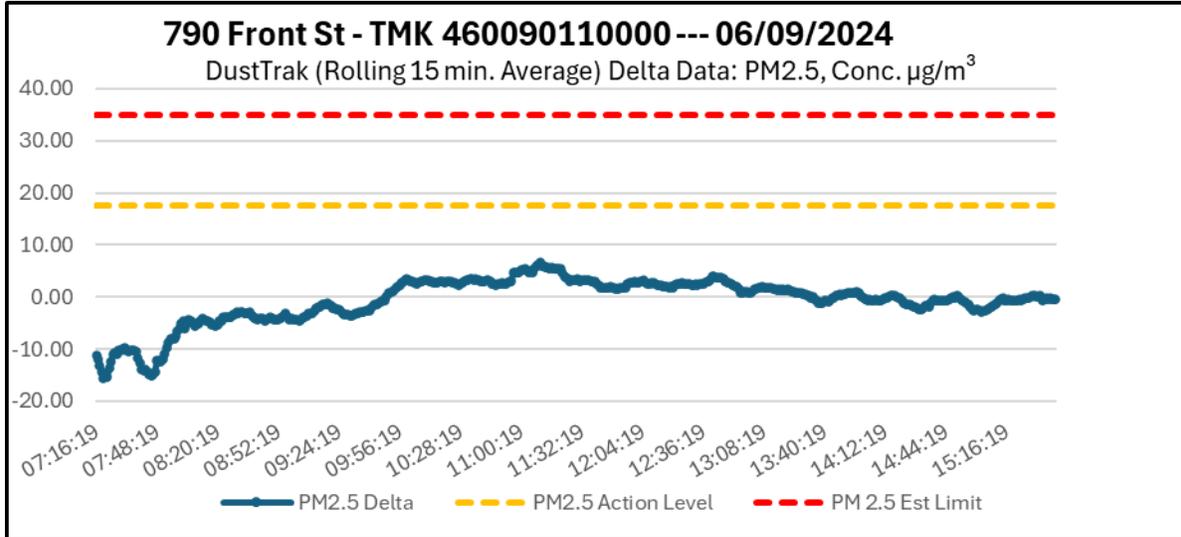


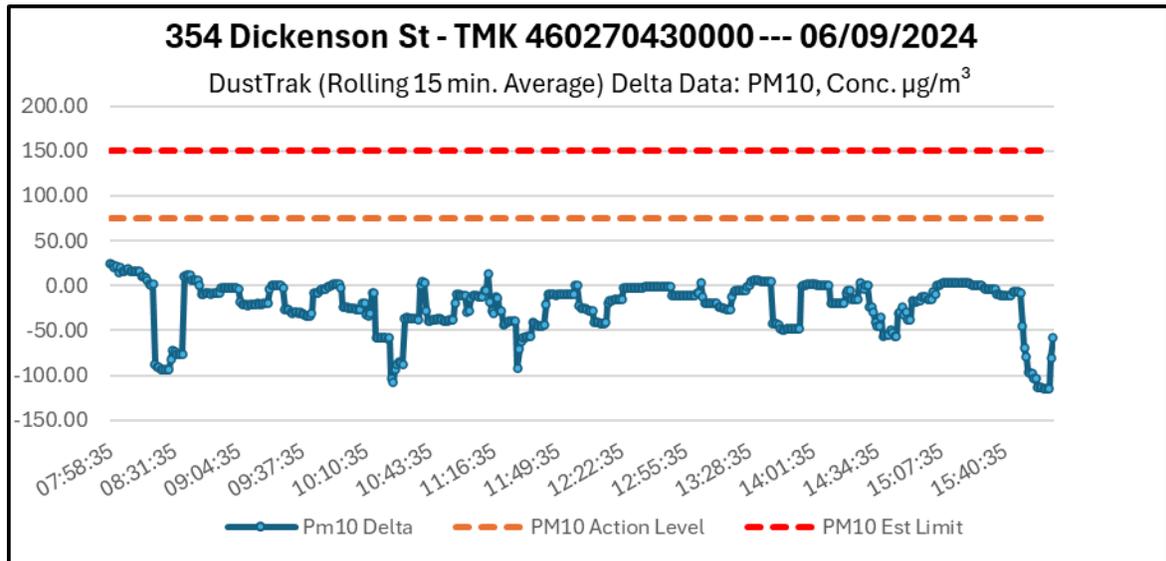
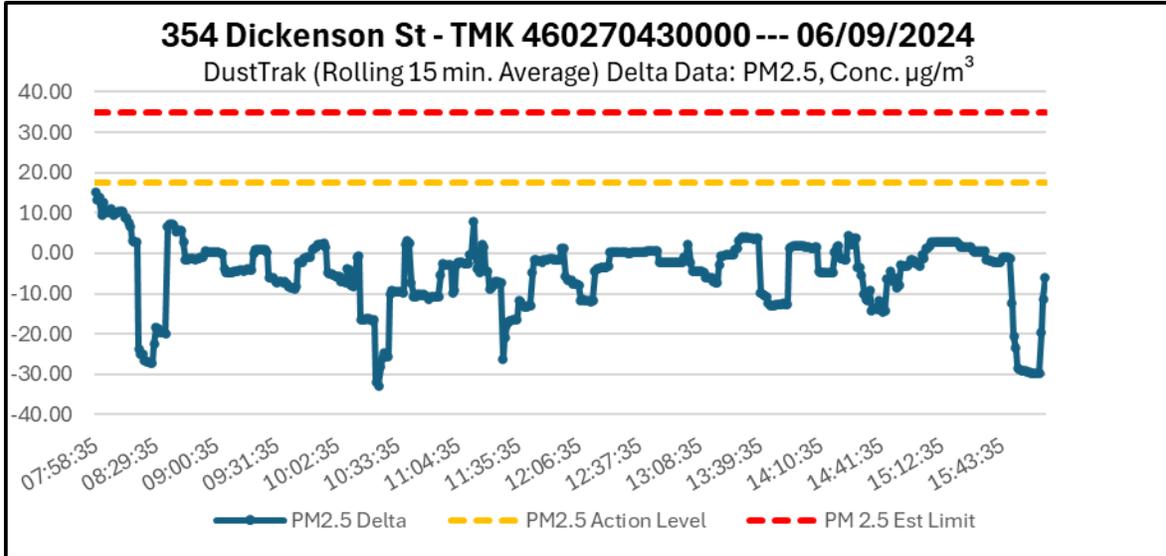
Attached: Daily Dust Monitoring Charts













June 11, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative
Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

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Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 10, 2024, DustTrak Realtime dust monitoring on 5 properties:

Two properties exceeded established limits.

Property 1:

Task Force 2 - 94 Kupuohi St TMK 450100200000

Property 2:

Task Force 6 –180 Dickenson St TMK 460080300000

Property 3:

Task Force 5 - 790 Front St TMK 460090110000

Property 4:

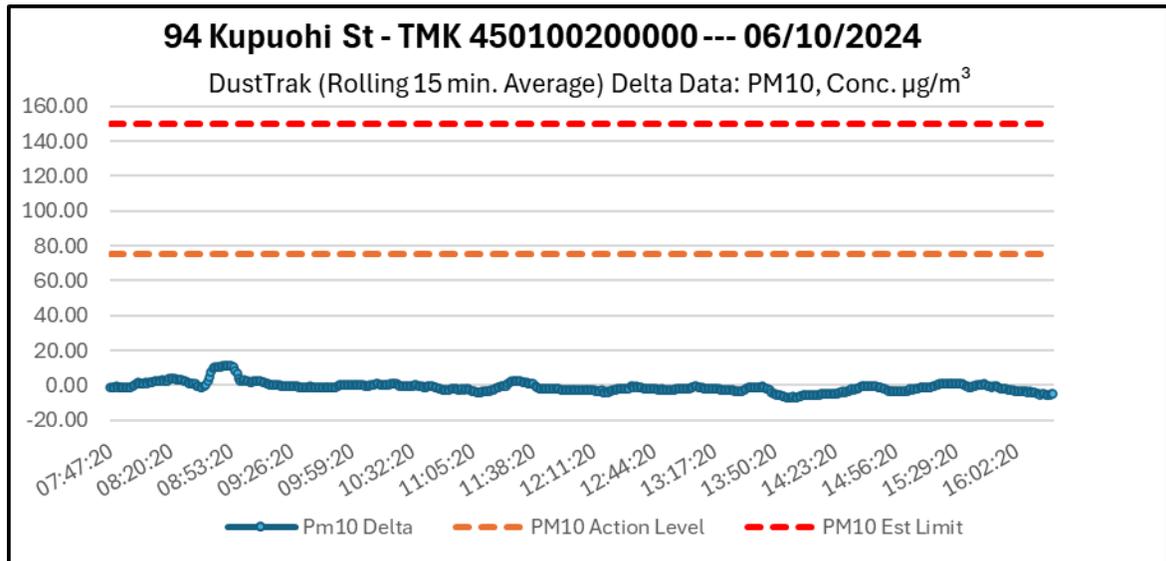
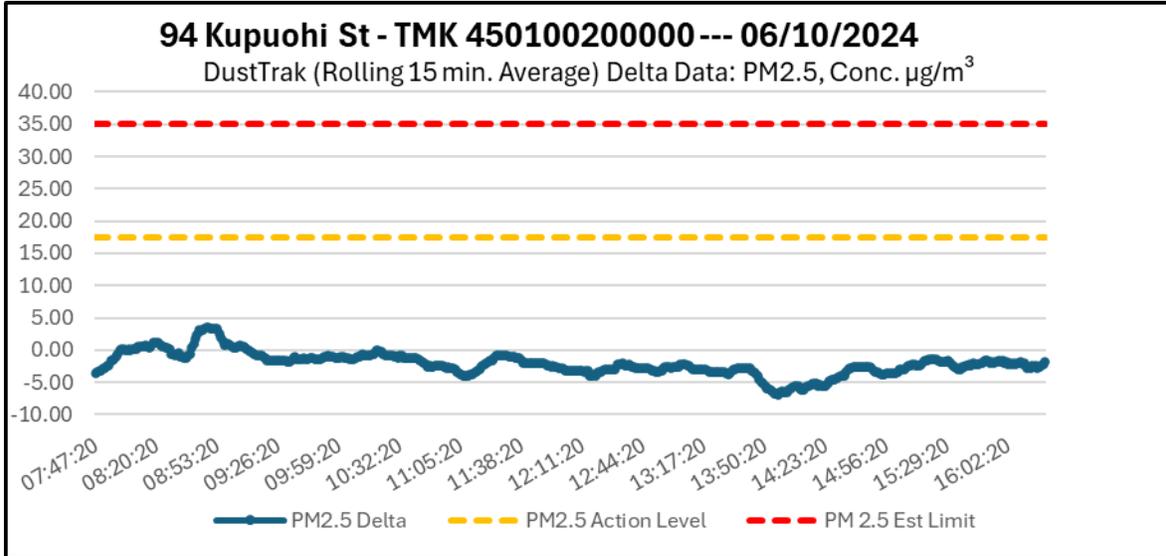
Task Force 5 - 848 Front St TMK 450010450000

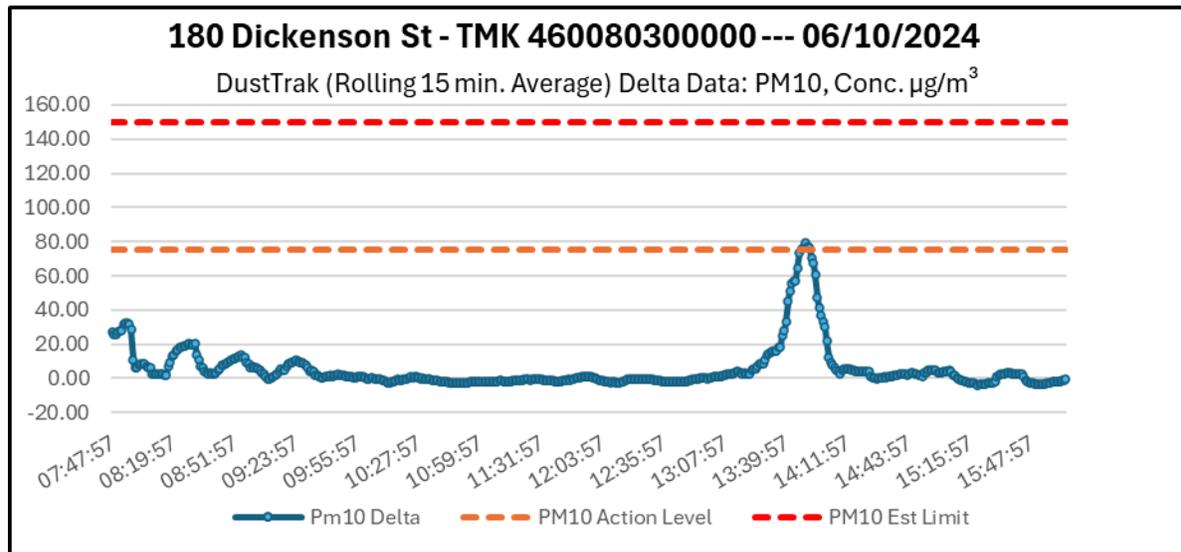
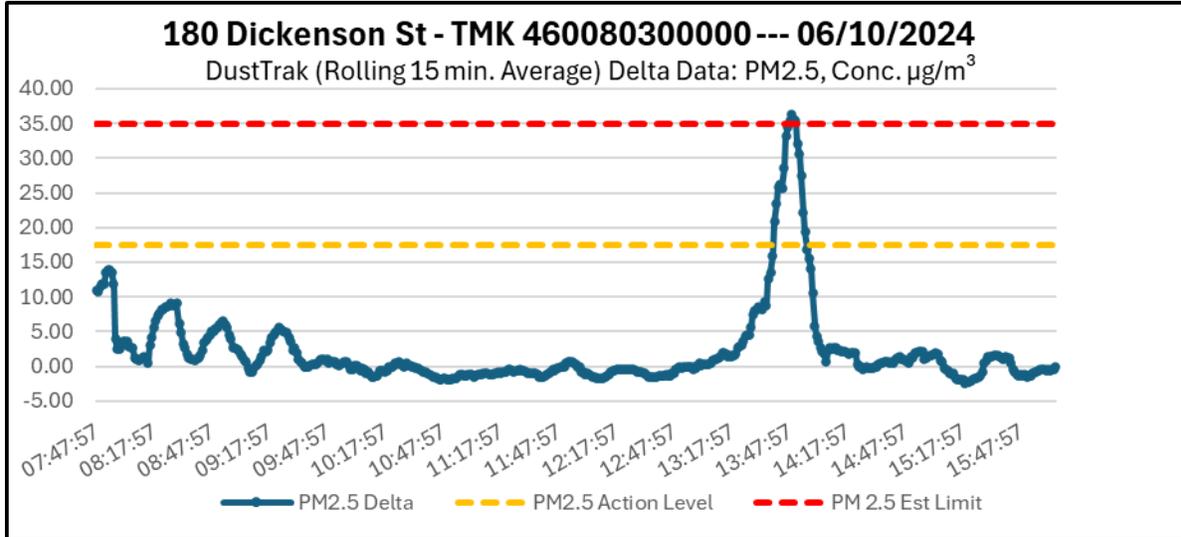
Property 5:

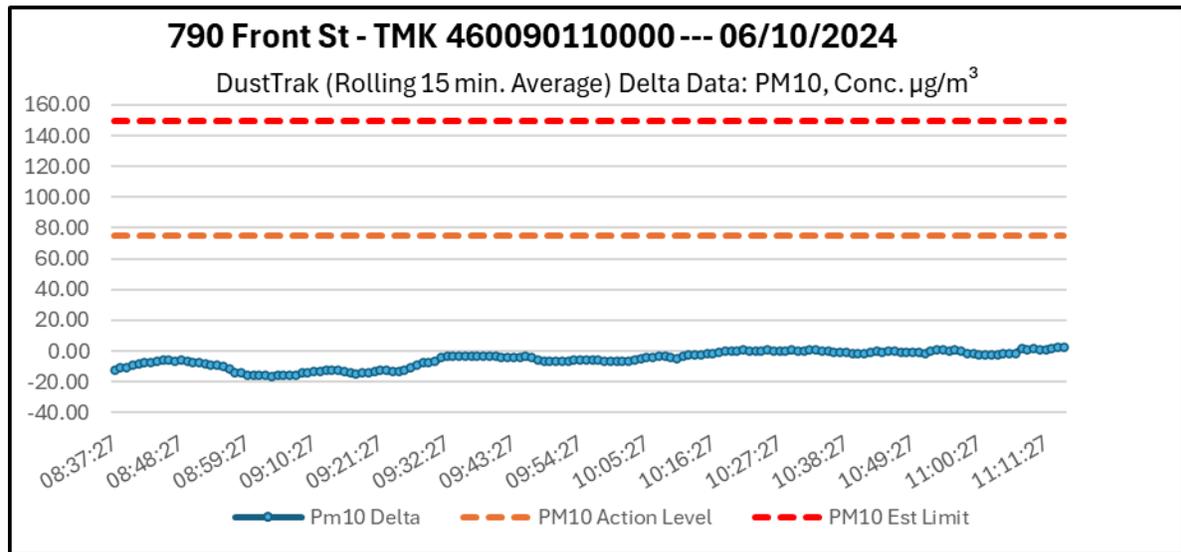
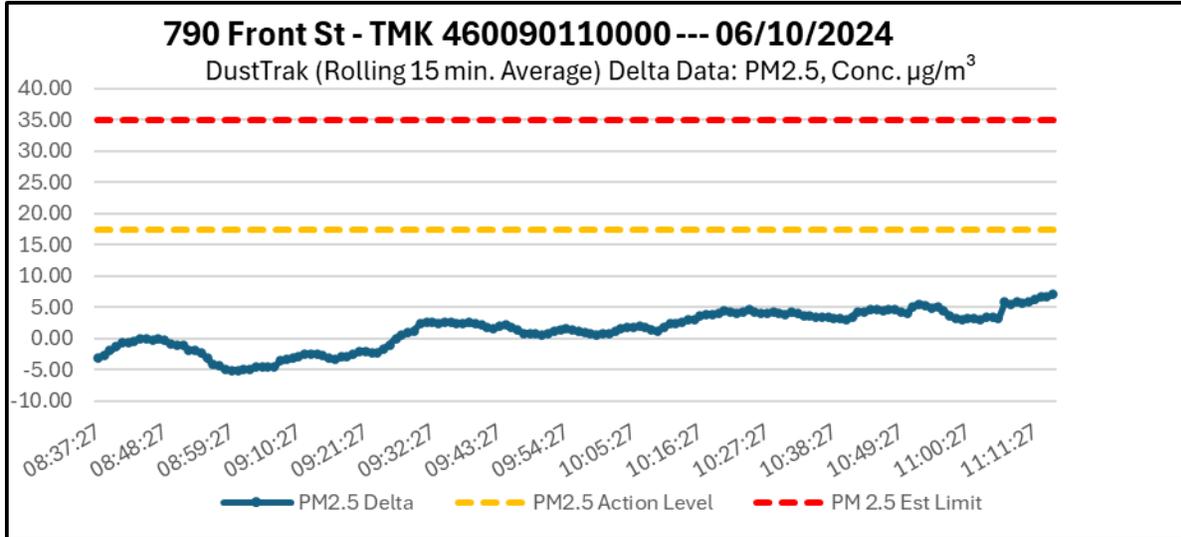
Task Force 4 - 186 Wahikuli Rd TMK 450141000000

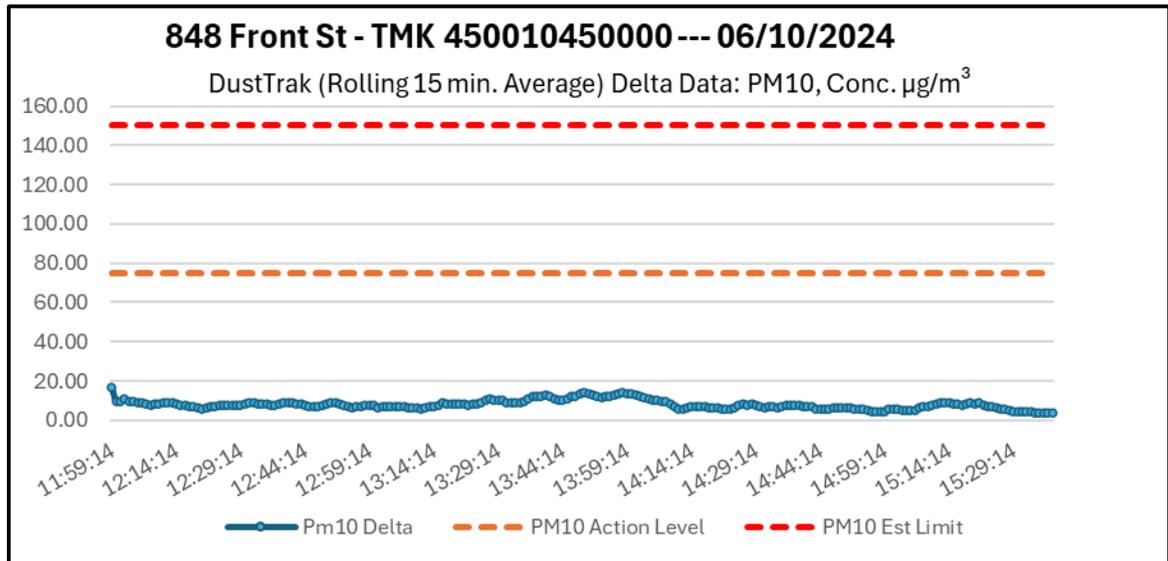
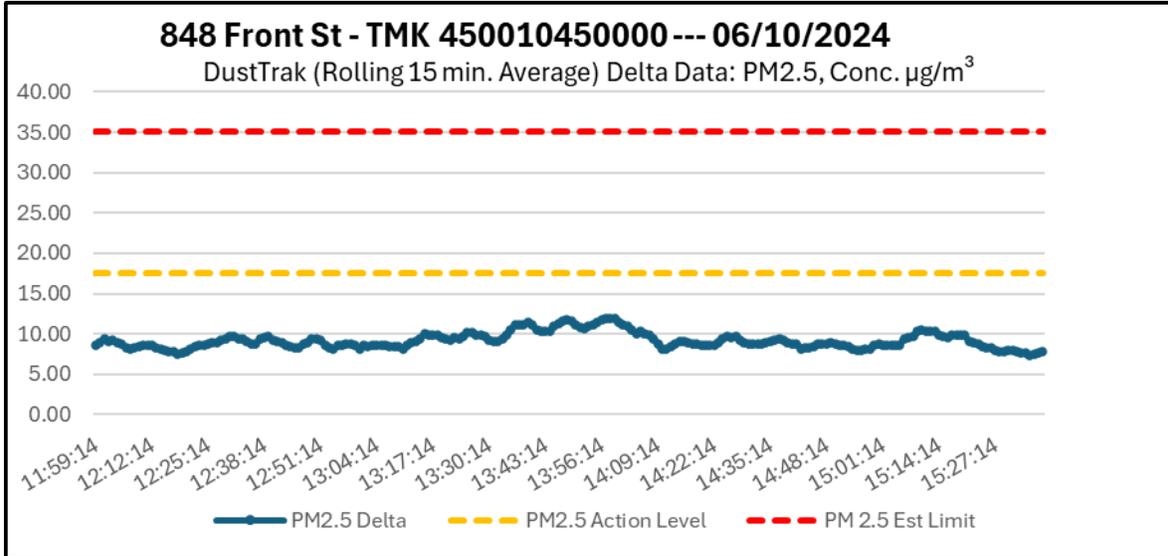
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
94 Kupuohi	PM 2.5 $\mu\text{g}/\text{m}^3$	-2.12	70	35
94 Kupuohi	PM 10 $\mu\text{g}/\text{m}^3$	-1.10	300	150
180 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	2.25	70	35
180 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	5.33	300	150
790 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	1.33	70	35
790 Front	PM 10 $\mu\text{g}/\text{m}^3$	-5.49	300	150
848 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	9.14	70	35
848 Front	PM 10 $\mu\text{g}/\text{m}^3$	8.35	300	150
186 Wahikuli	PM 2.5 $\mu\text{g}/\text{m}^3$	15.29	70	35
186 Wahikuli	PM 10 $\mu\text{g}/\text{m}^3$	33.42	300	150

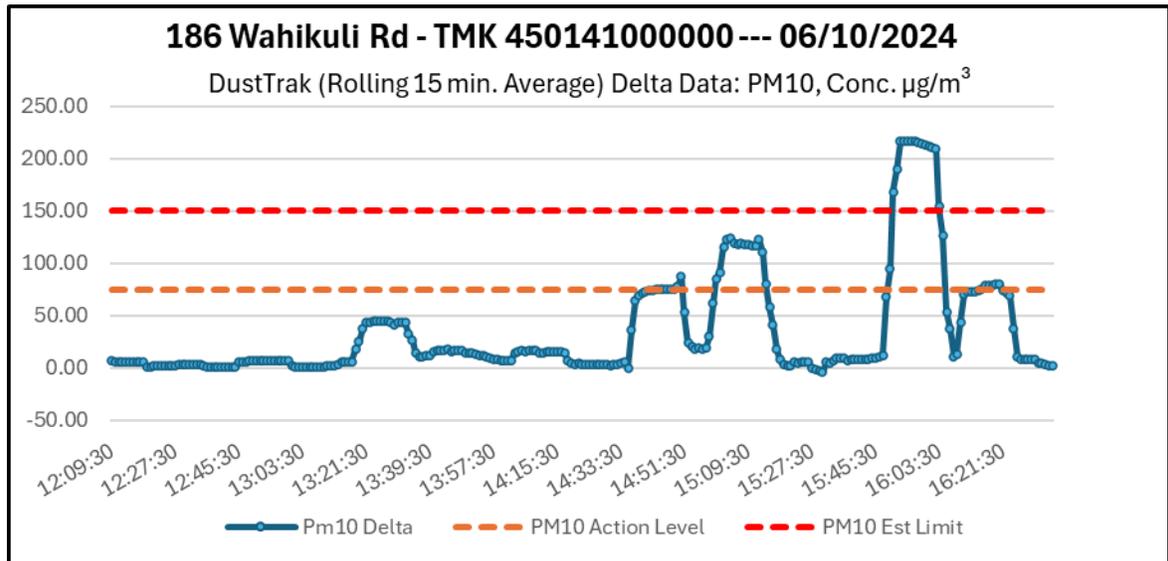
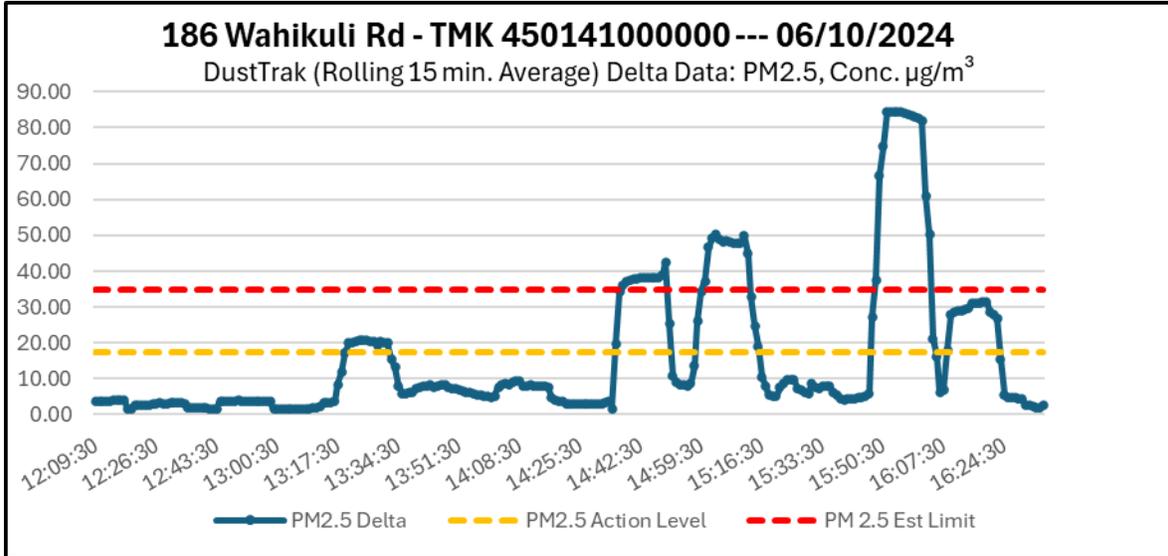
Attached: Daily Dust Monitoring Charts













June 12, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative
Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 11, 2024, DustTrak Realtime dust monitoring on 5 properties:

Three properties exceeded established limits.

*** Major impact with downwind DustTrack unit at 186 Wahikuli, caused by ECC tree crew working upwind of the site downwind unit. The upwind unit was not impacted by the tree crew as it was off to the side of the wind direction.**

Property 1:

Task Force 2 - 94 Kupuohi St TMK 450100200000

Property 2:

Task Force 6 –900 Front St TMK 450020090000

Property 3:

Task Force 5 - 790 Front St TMK 460090110000

Property 4:

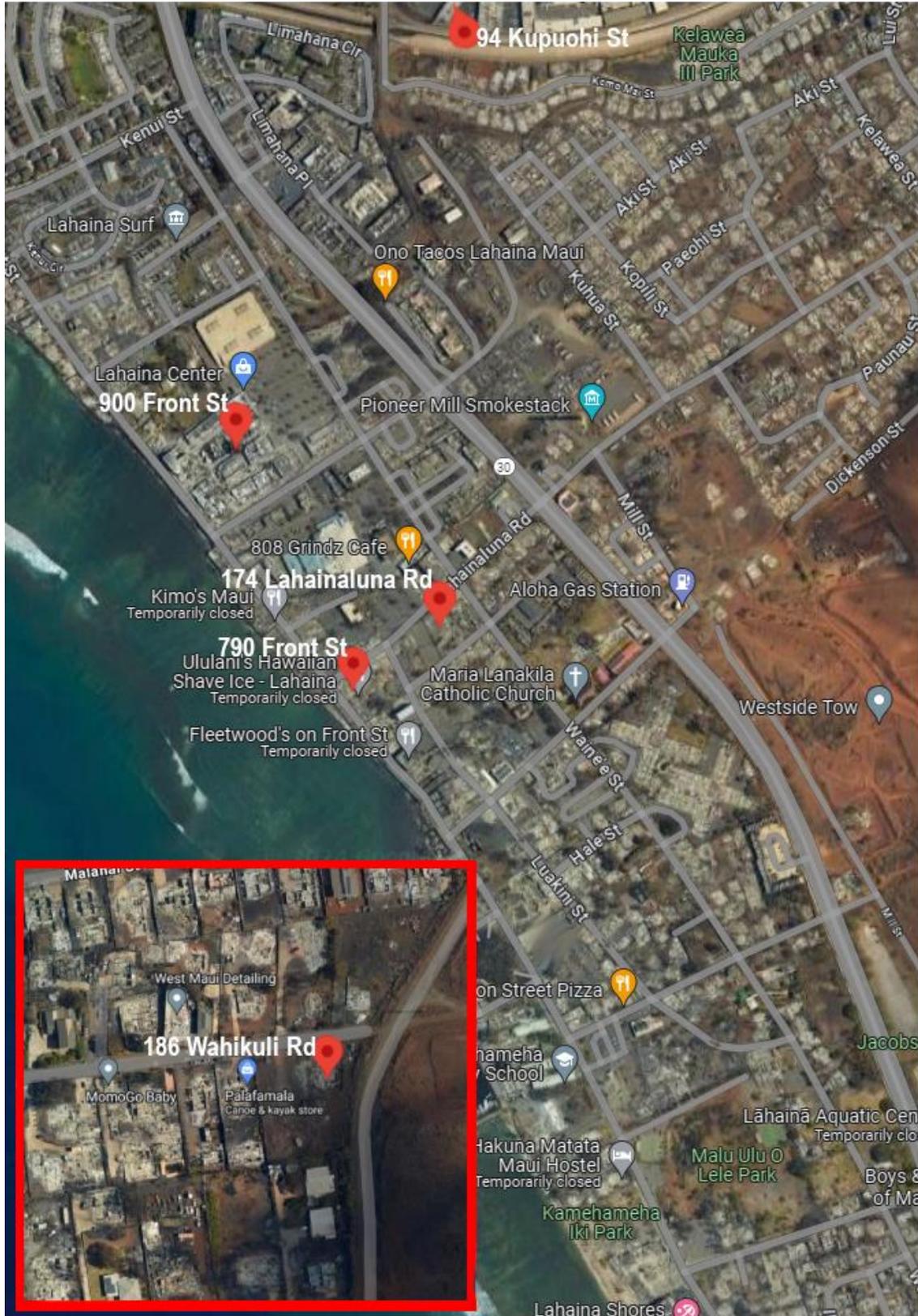
Task Force 4 - 186 Wahikuli Rd TMK 450141000000 *

Property 5:

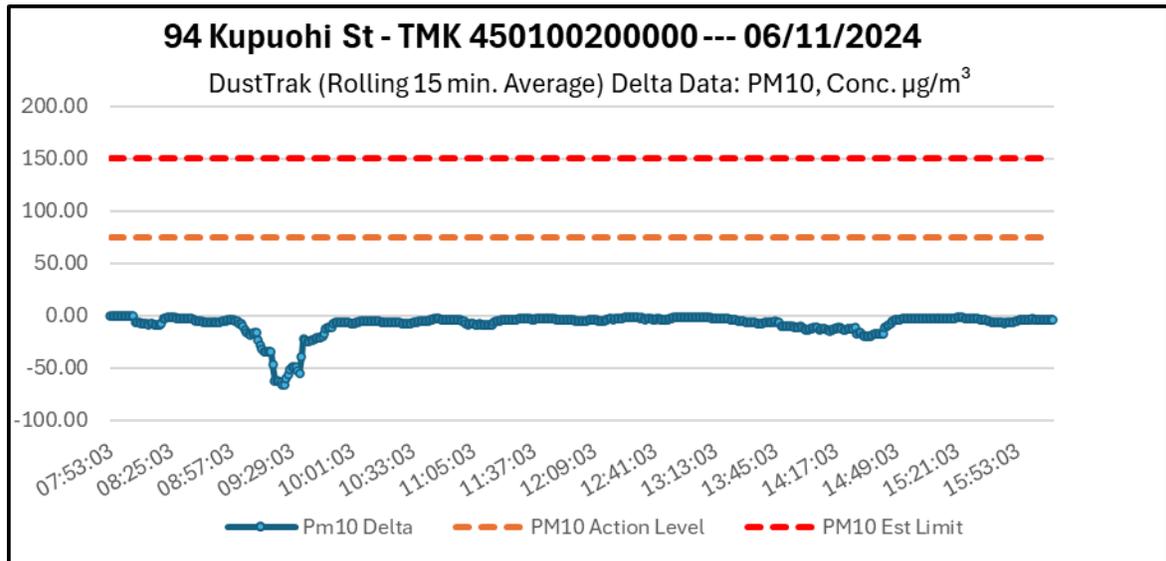
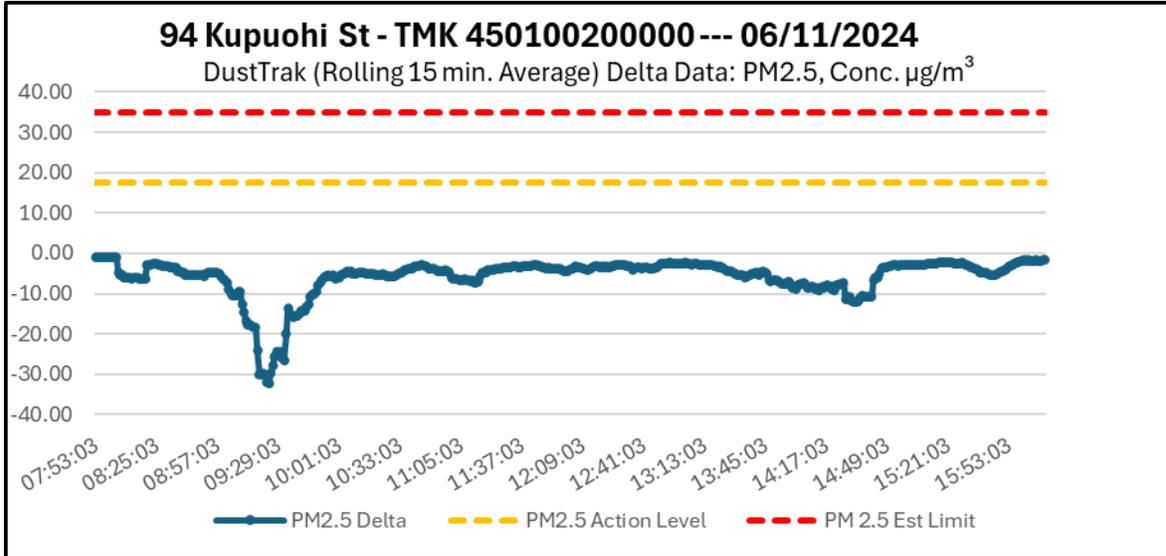
Task Force 4 - 174 Lahainaluna Rd TMK 460090360000

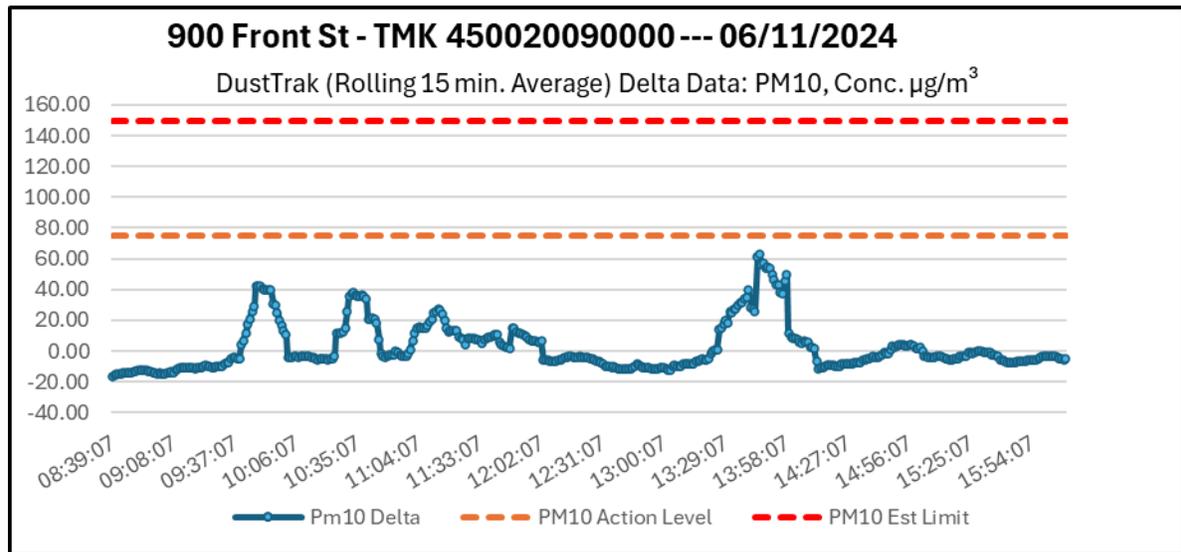
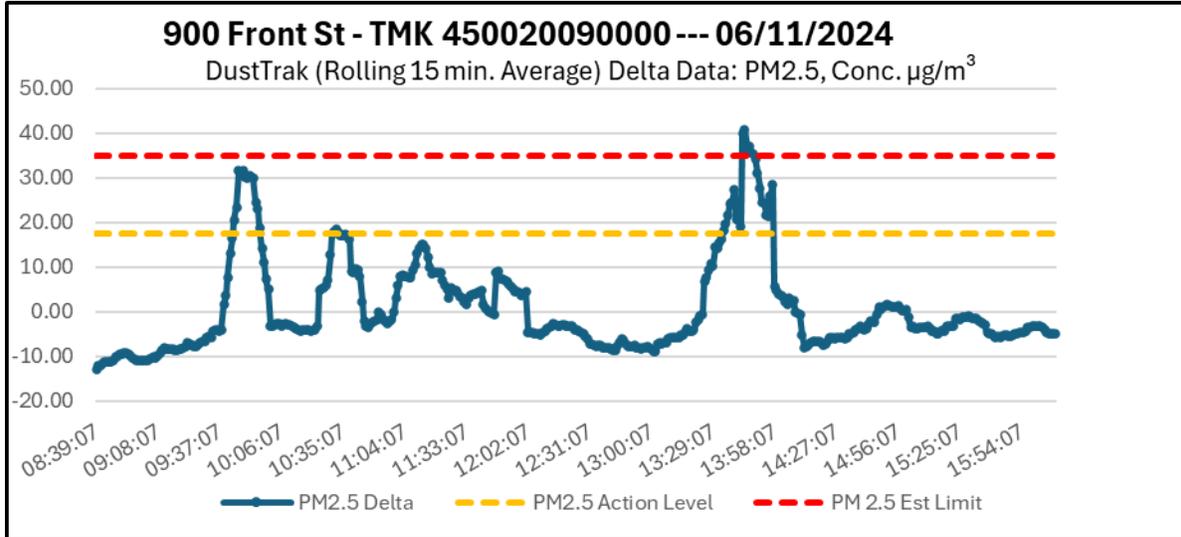
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
94 Kupuohi	PM 2.5 $\mu\text{g}/\text{m}^3$	-5.70	70	35
94 Kupuohi	PM 10 $\mu\text{g}/\text{m}^3$	-8.06	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	0.38	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	2.11	300	150
790 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	8.23	70	35
790 Front	PM 10 $\mu\text{g}/\text{m}^3$	8.99	300	150
186 Wahikuli *	PM 2.5 $\mu\text{g}/\text{m}^3$	212.49	70	35
186 Wahikuli *	PM 10 $\mu\text{g}/\text{m}^3$	266.01	300	150
174 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	11.94	70	35
174 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	22.51	300	150

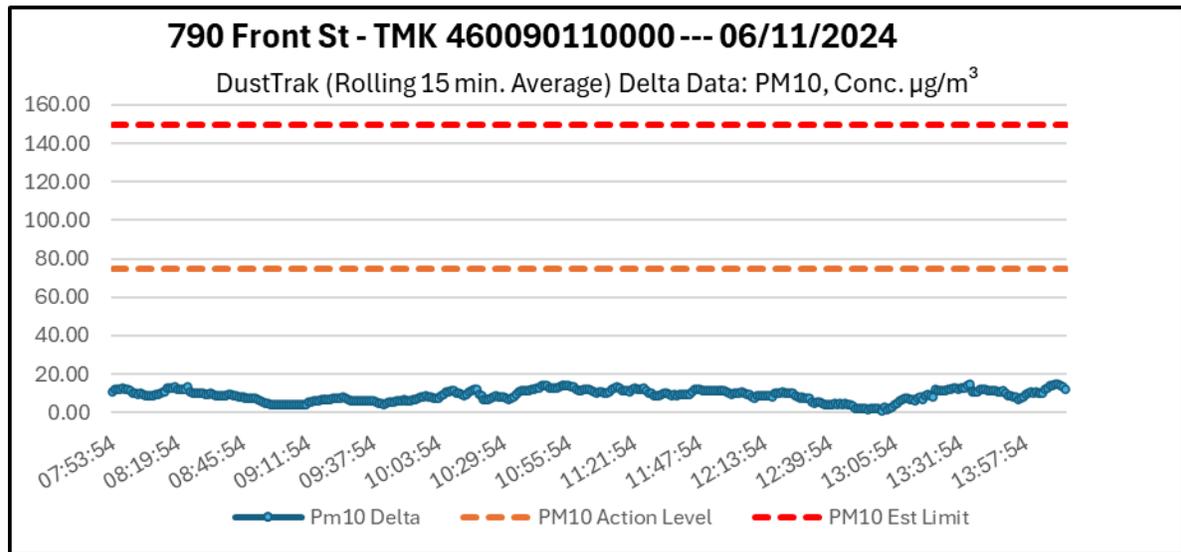
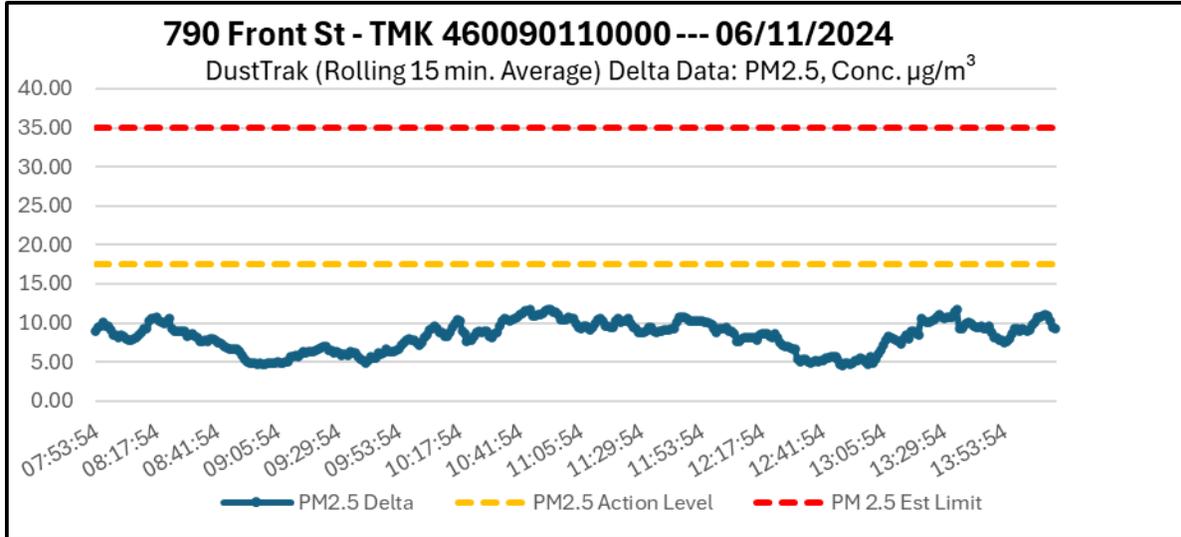
Property Locations:

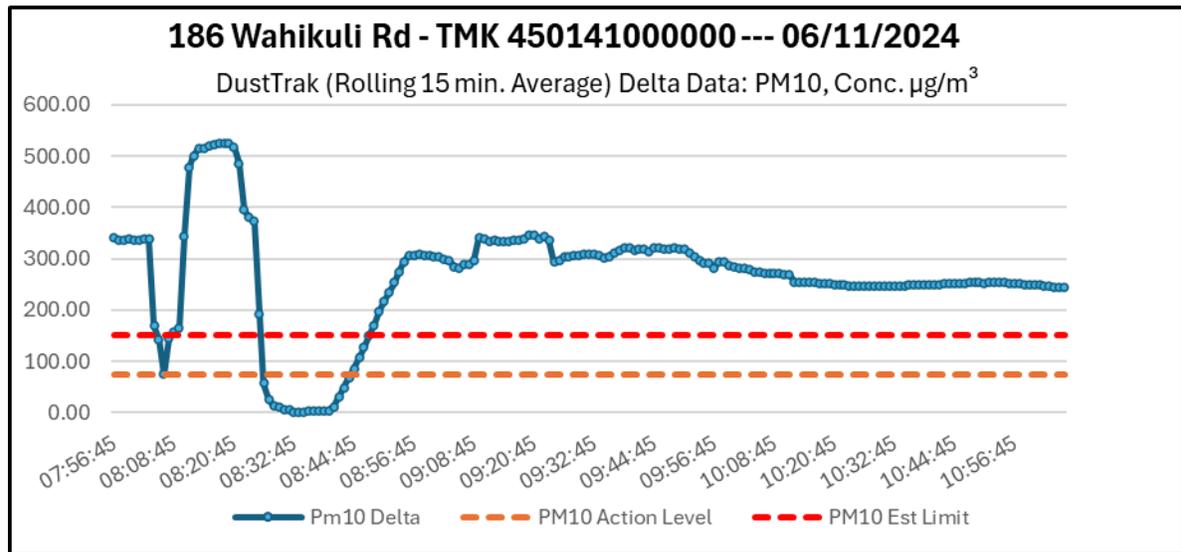
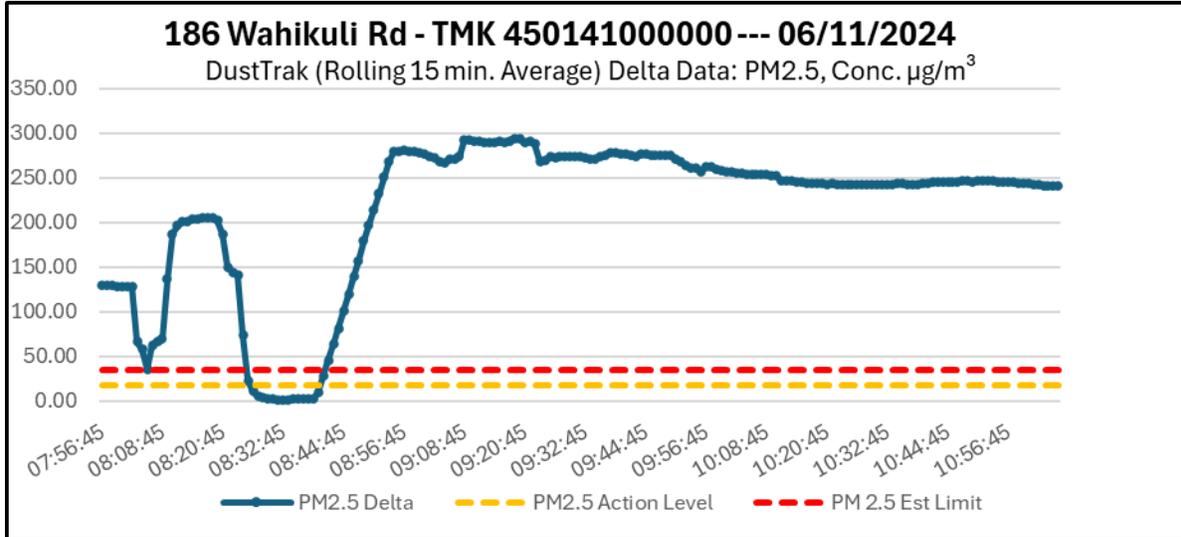


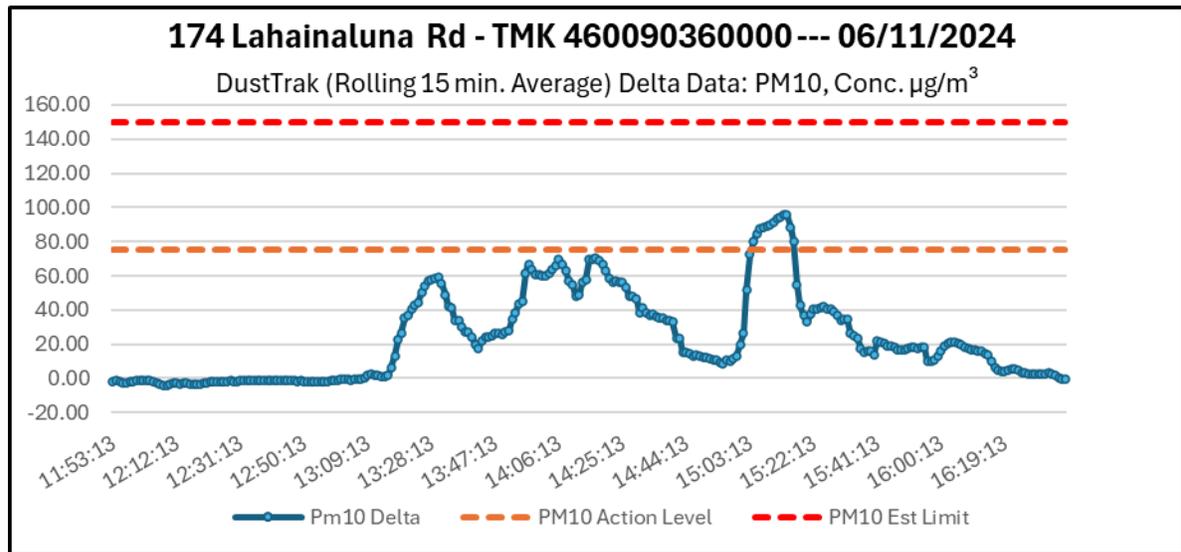
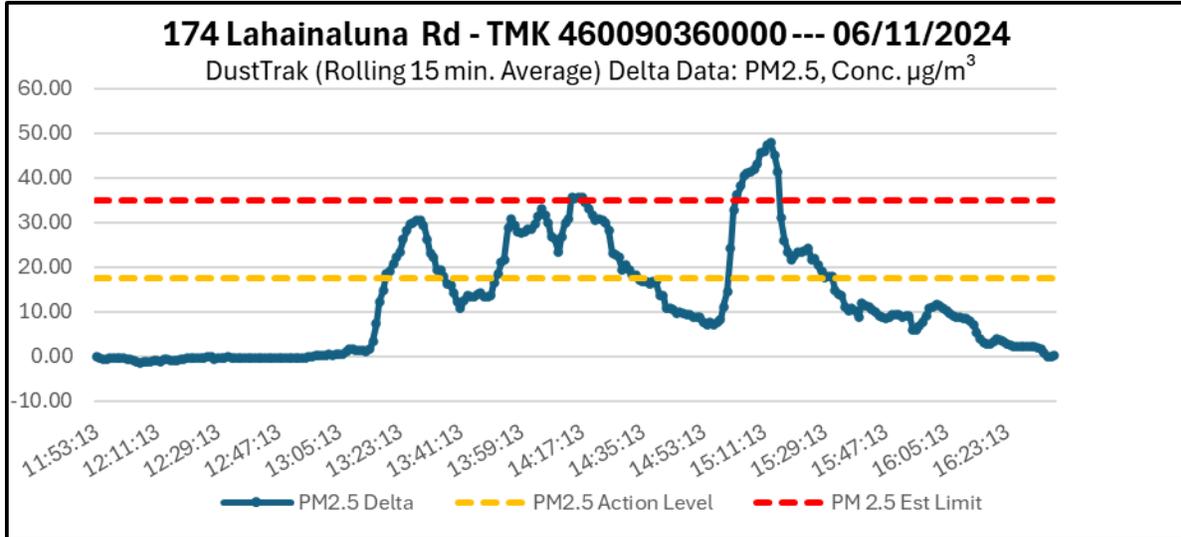
Attached: Daily Dust Monitoring Charts













June 13, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative
Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 12, 2024, DustTrak Realtime dust monitoring on 4 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 94 Kupuohi St TMK 450100200000

Property 2:

Task Force 6 –900 Front St TMK 450020090000

Property 3:

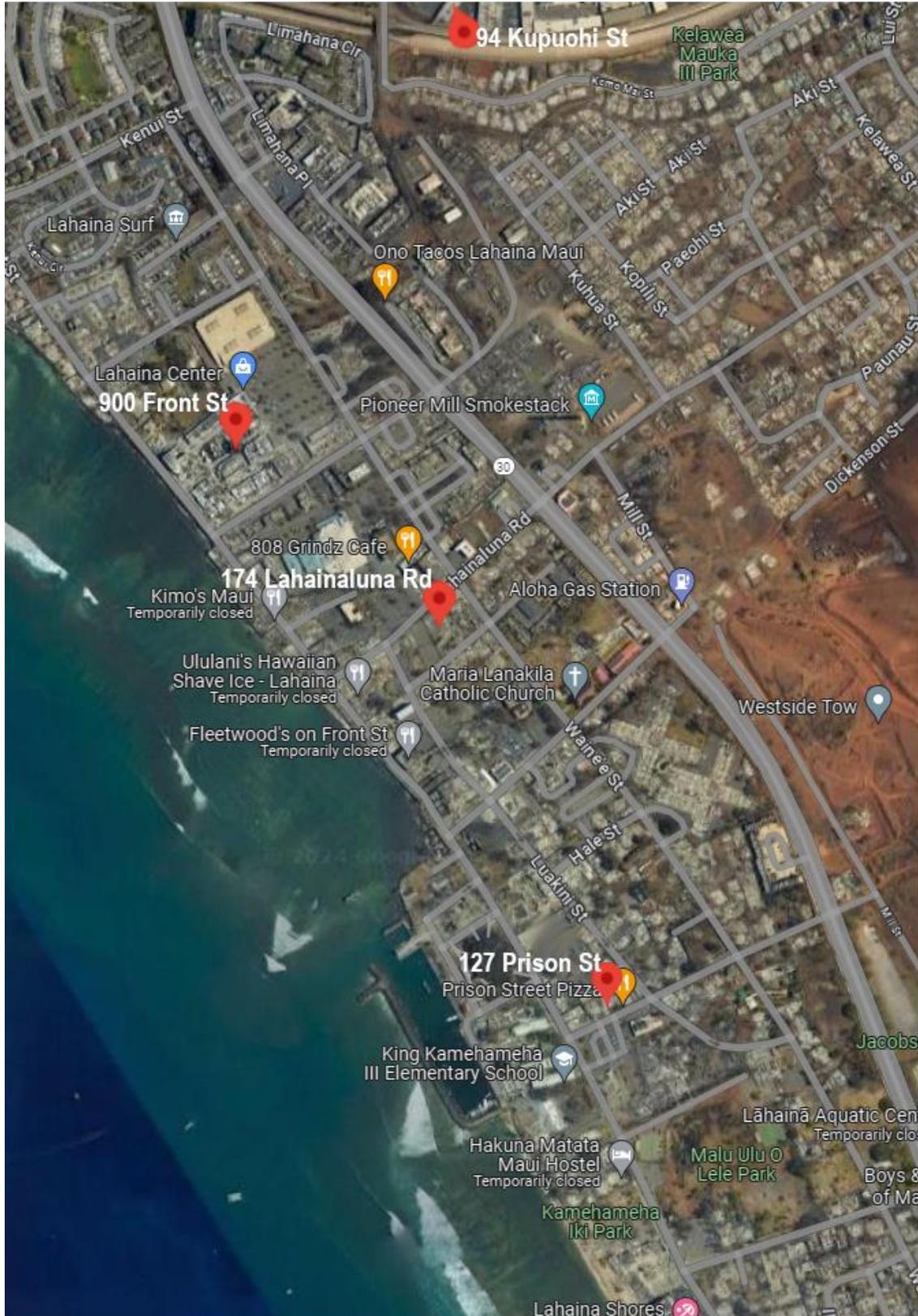
Task Force 5 - 127 Prison St TMK 460080010000

Property 4:

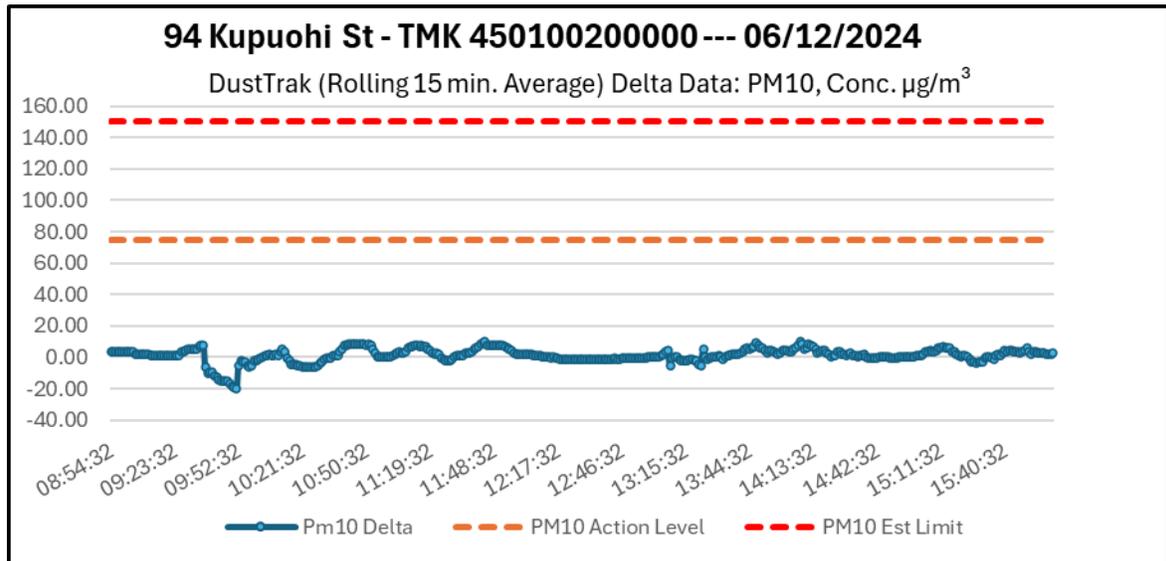
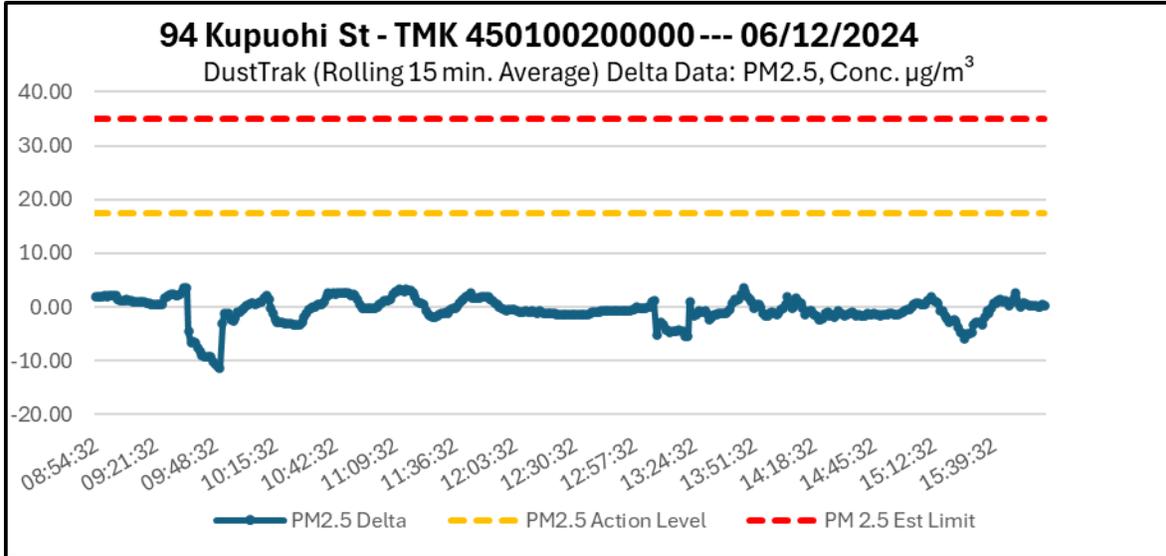
Task Force 4 - 174 Lahainaluna Rd TMK 460090360000

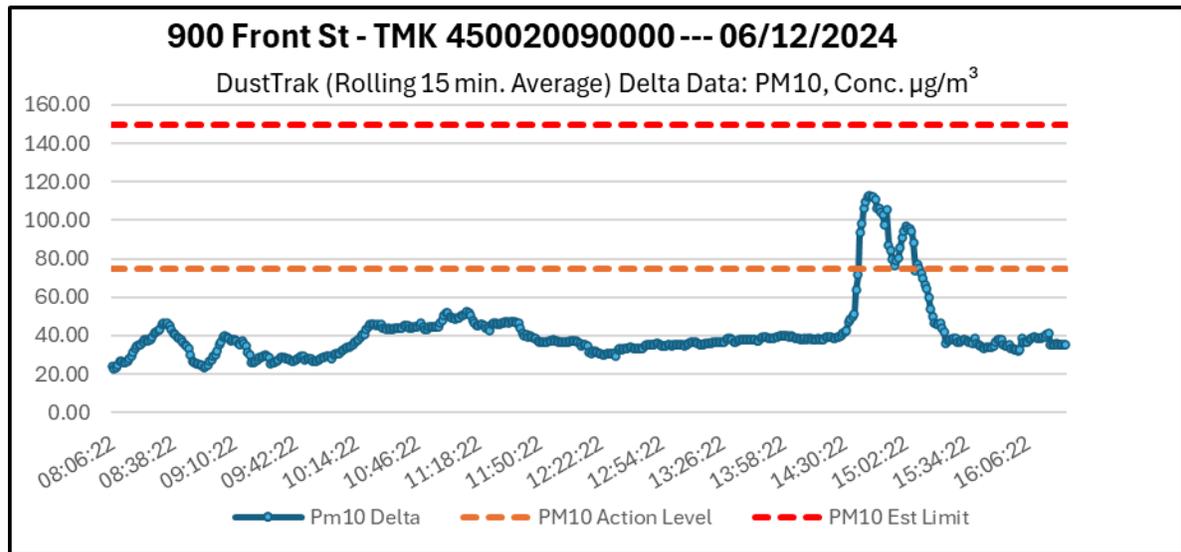
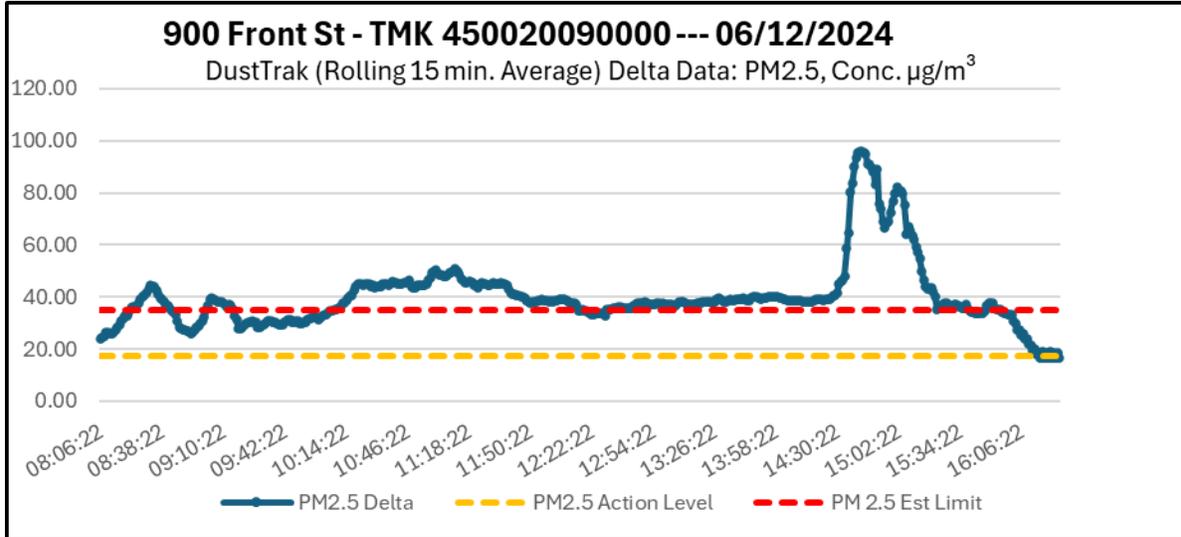
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
94 Kupuohi	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.55	70	35
94 Kupuohi	PM 10 $\mu\text{g}/\text{m}^3$	1.35	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	39.49	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	41.03	300	150
127 Prison	PM 2.5 $\mu\text{g}/\text{m}^3$	4.46	70	35
127 Prison	PM 10 $\mu\text{g}/\text{m}^3$	4.57	300	150
174 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	-221.06	70	35
174 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	-220.67	300	150

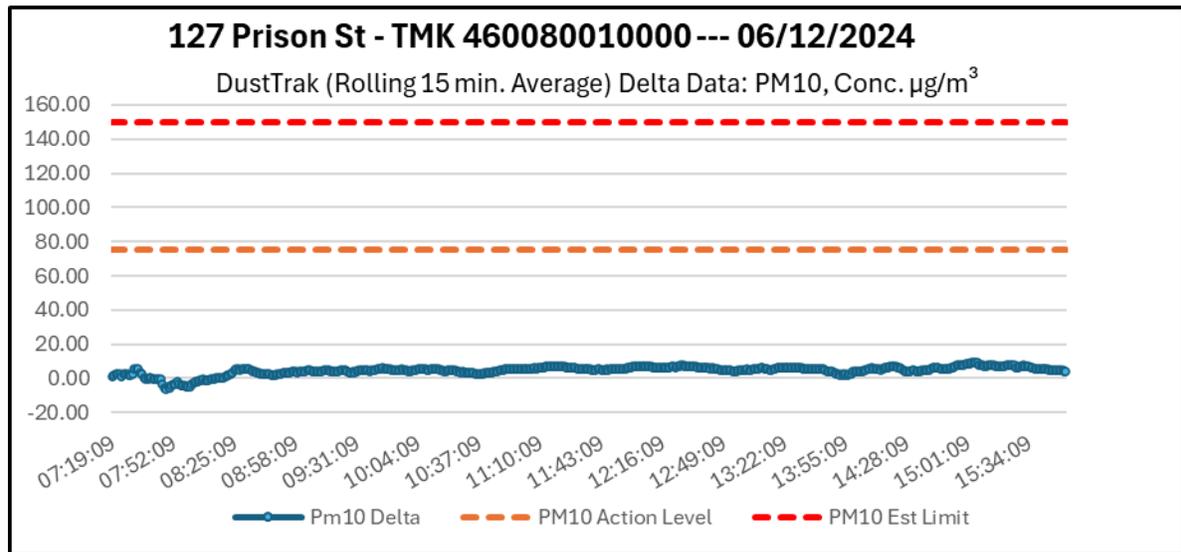
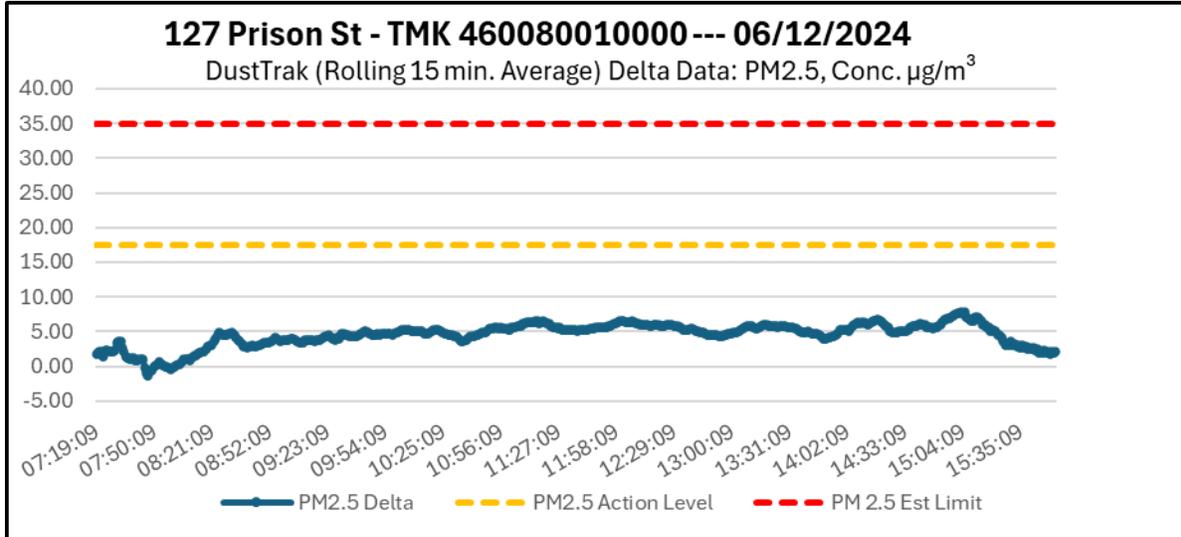
Property Locations:

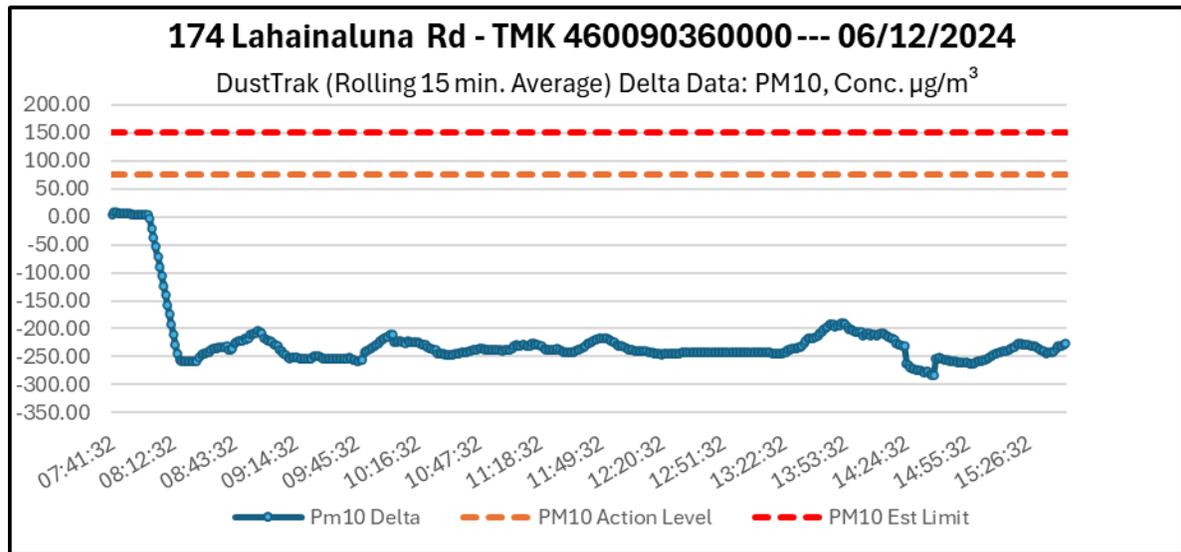
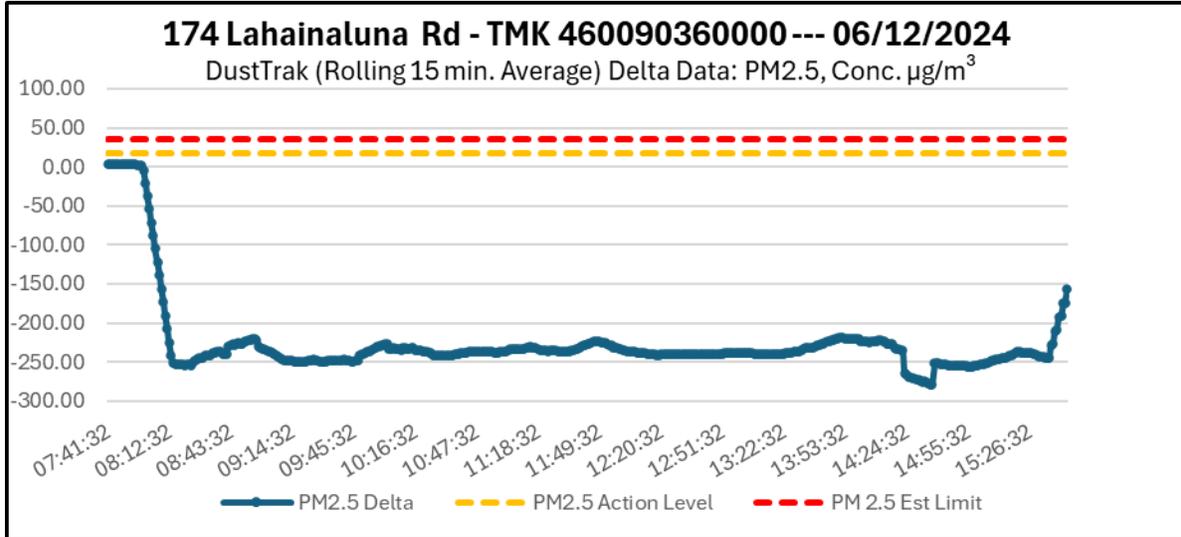


Attached: Daily Dust Monitoring Charts











June 14, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 13, 2024, DustTrak Realtime dust monitoring on 4 properties:

No properties exceeded established limits.

Property 1:

Task Force 2 - 94 Kupuohi St TMK 450100200000

Property 2:

Task Force 6 –900 Front St TMK 450020090000

Property 3:

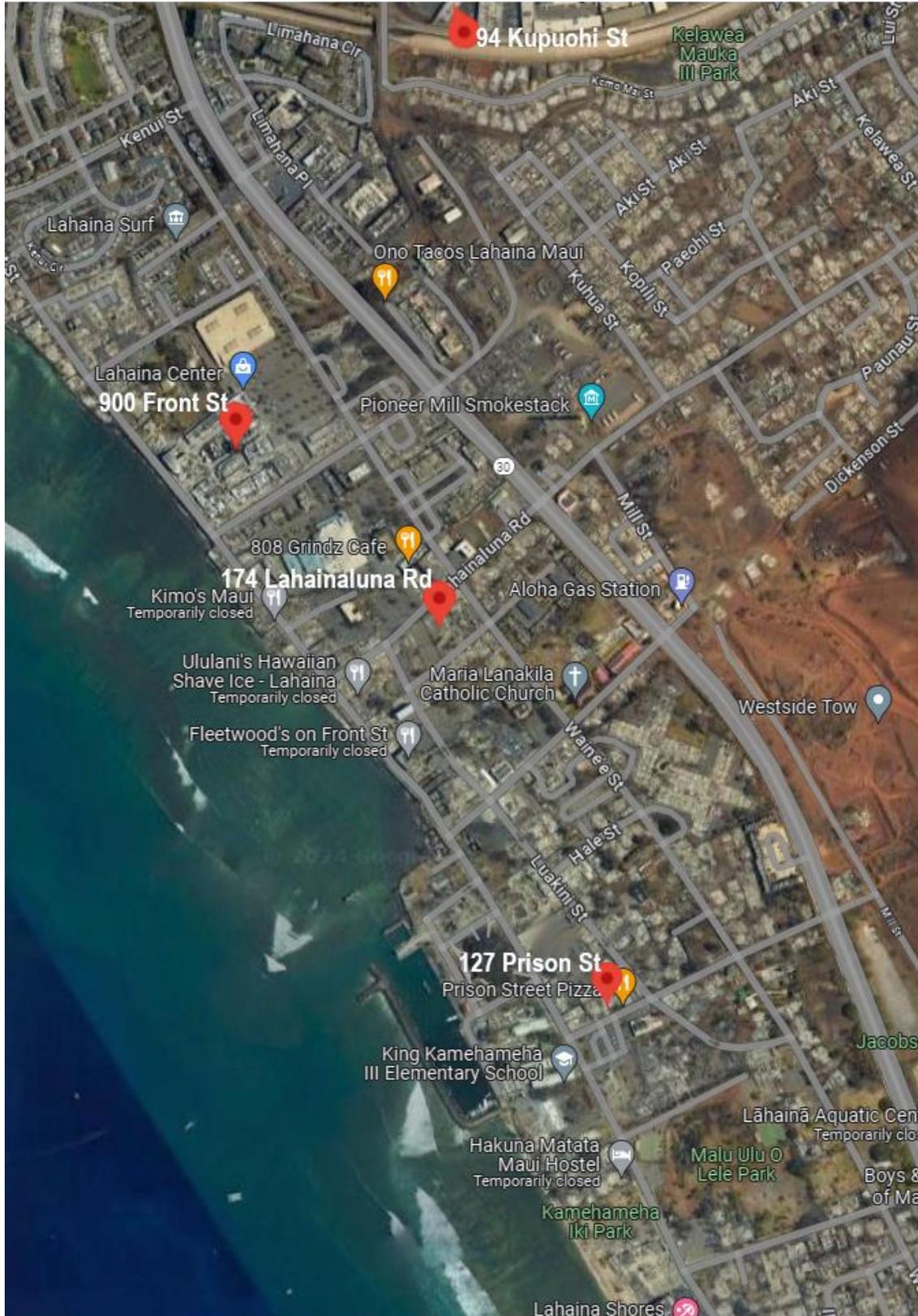
Task Force 5 - 127 Prison St TMK 460080010000

Property 4:

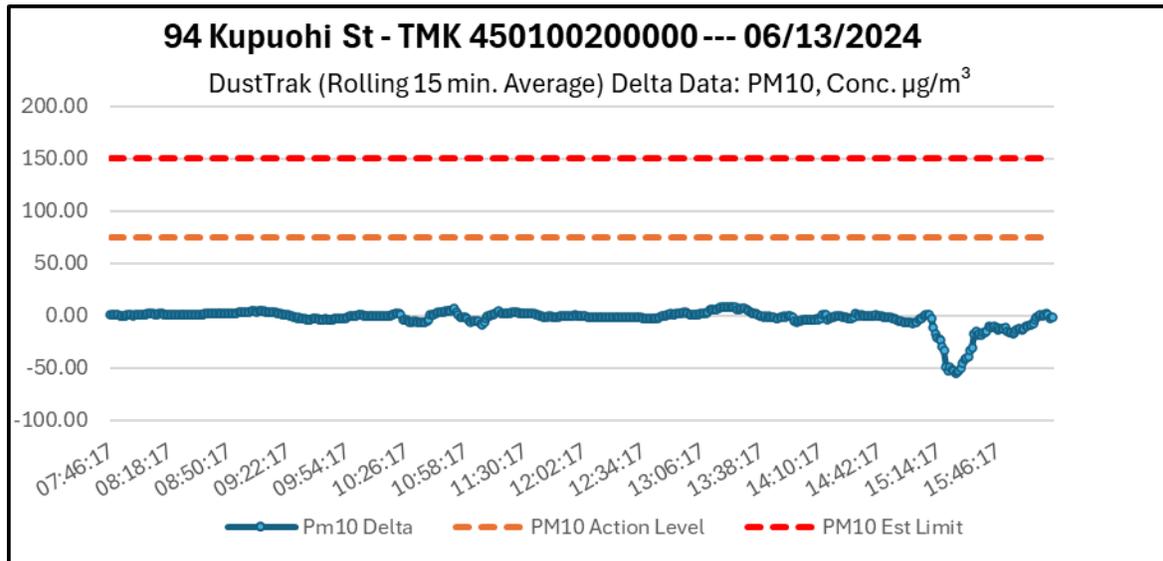
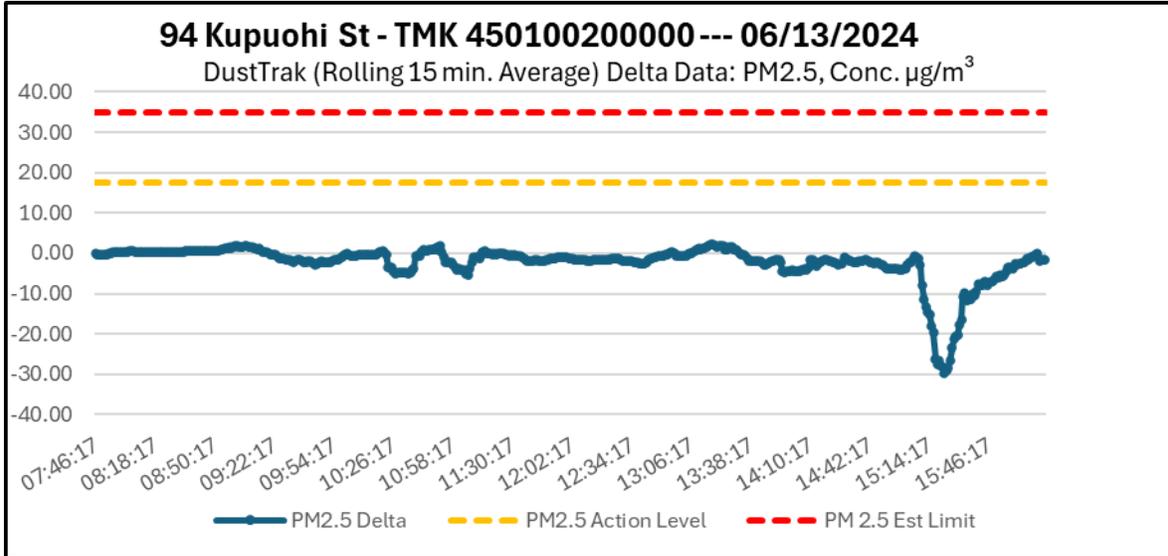
Task Force 4 - 174 Lahainaluna Rd TMK 460090360000

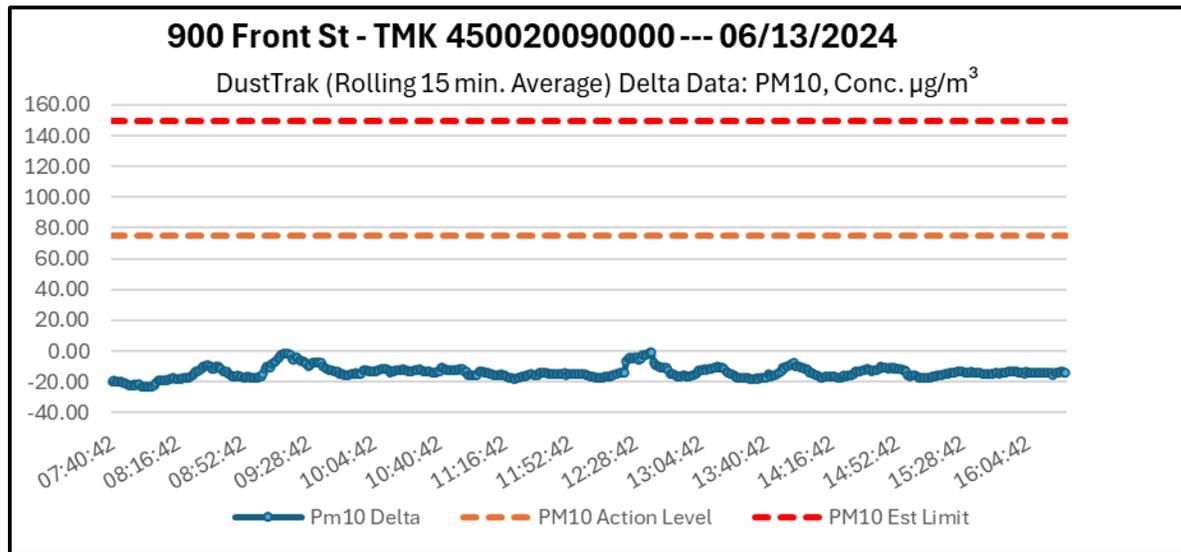
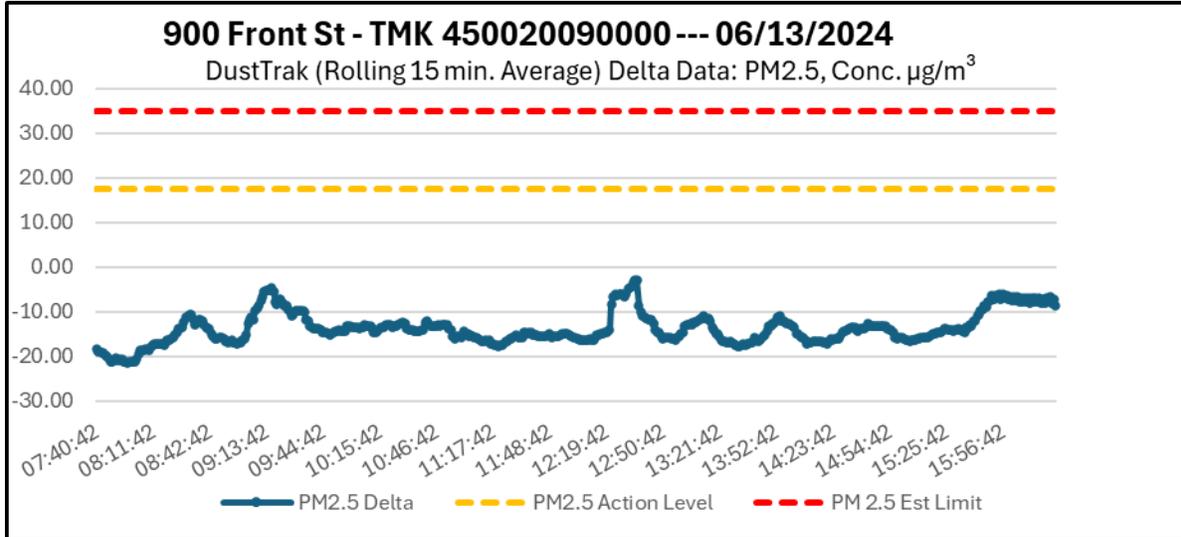
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
94 Kupuohi	PM 2.5 $\mu\text{g}/\text{m}^3$	-2.30	70	35
94 Kupuohi	PM 10 $\mu\text{g}/\text{m}^3$	-2.66	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-13.76	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-13.97	300	150
127 Prison	PM 2.5 $\mu\text{g}/\text{m}^3$	3.64	70	35
127 Prison	PM 10 $\mu\text{g}/\text{m}^3$	4.62	300	150
174 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	4.46	70	35
174 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	3.89	300	150

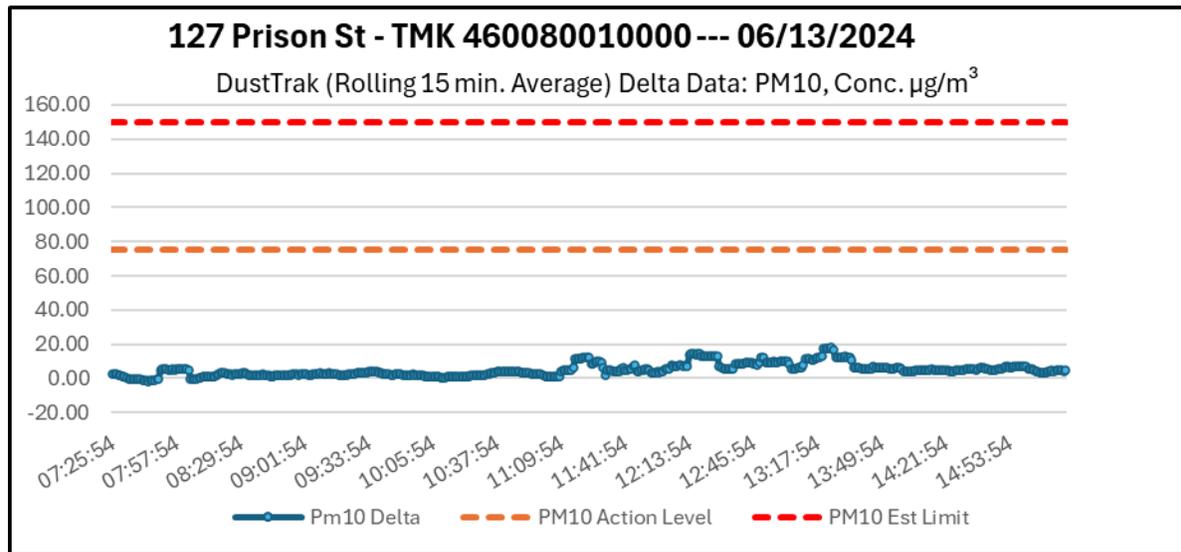
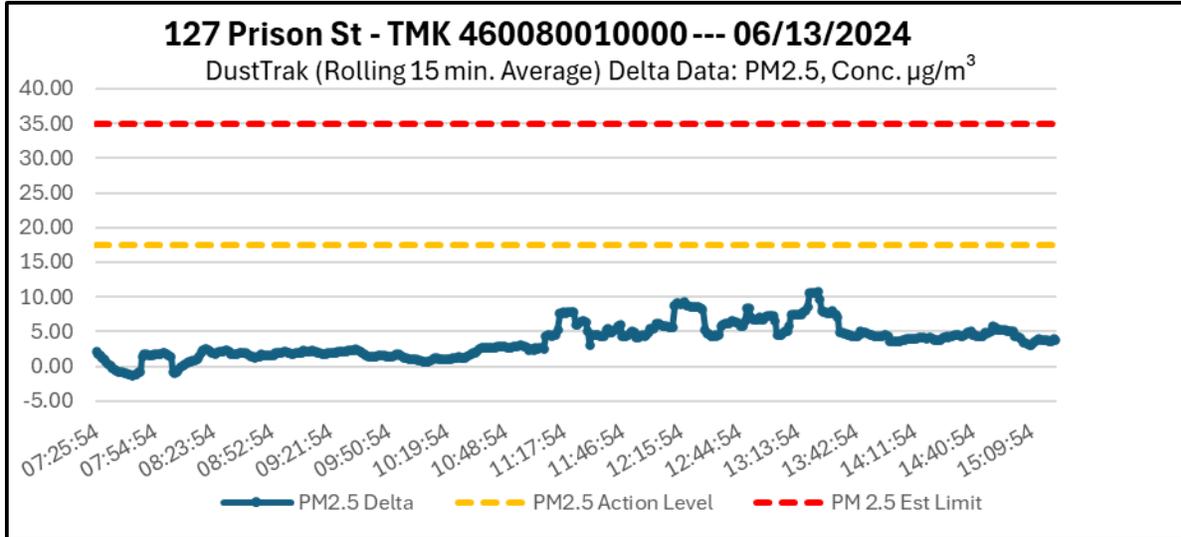
Property Locations:

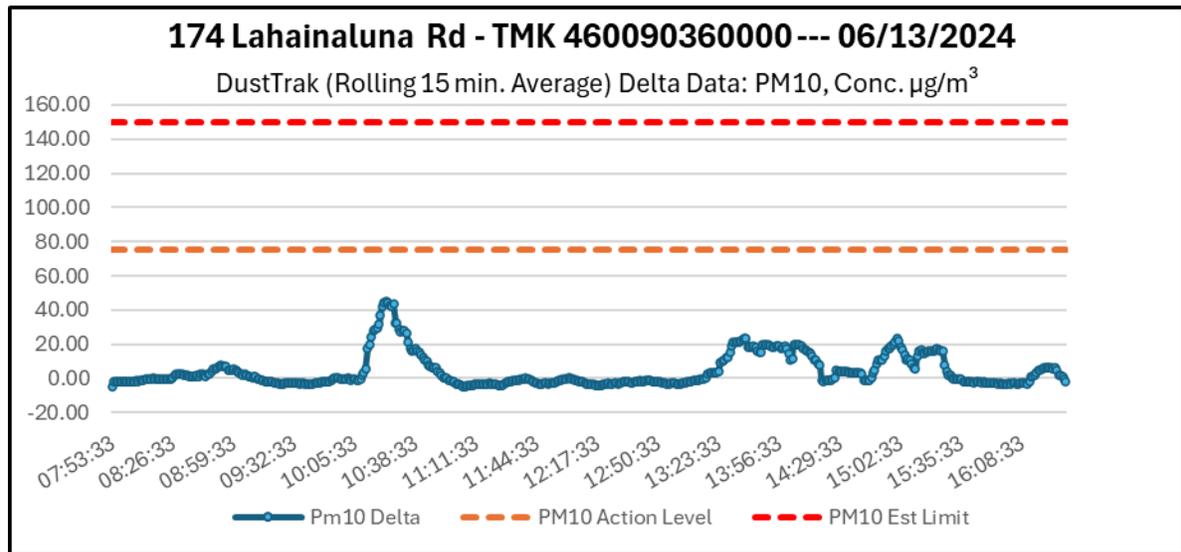
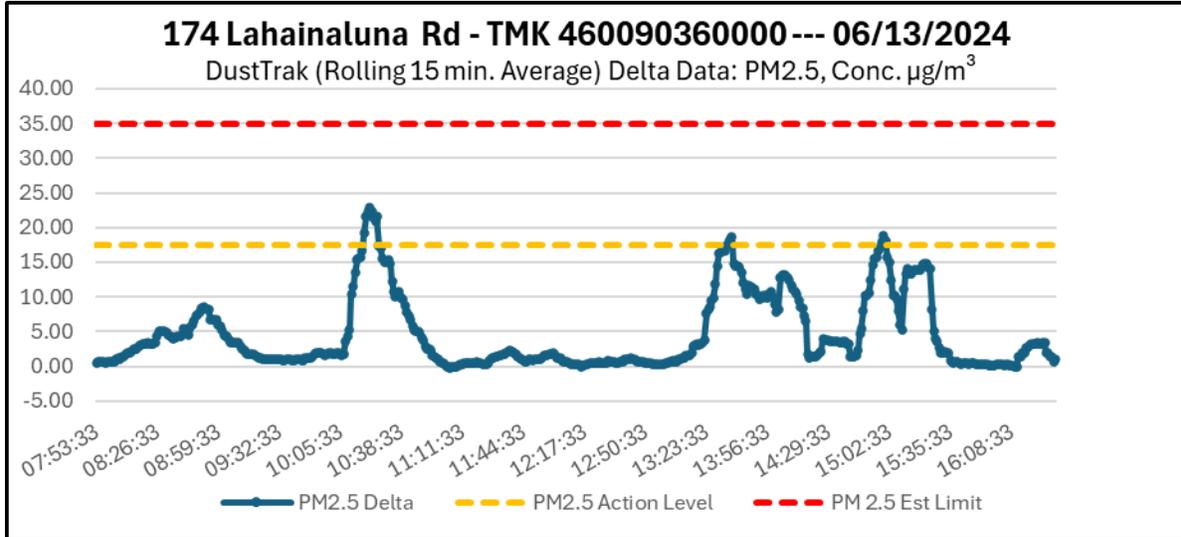


Attached: Daily Dust Monitoring Charts











June 15, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative
Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 14, 2024, DustTrak Realtime dust monitoring on 4 properties:

Two properties exceeded established limits.

Property 1:

Task Force 2 - 94 Kupuohi St TMK 450100200000

Property 2:

Task Force 6 –900 Front St TMK 450020090000

Property 3:

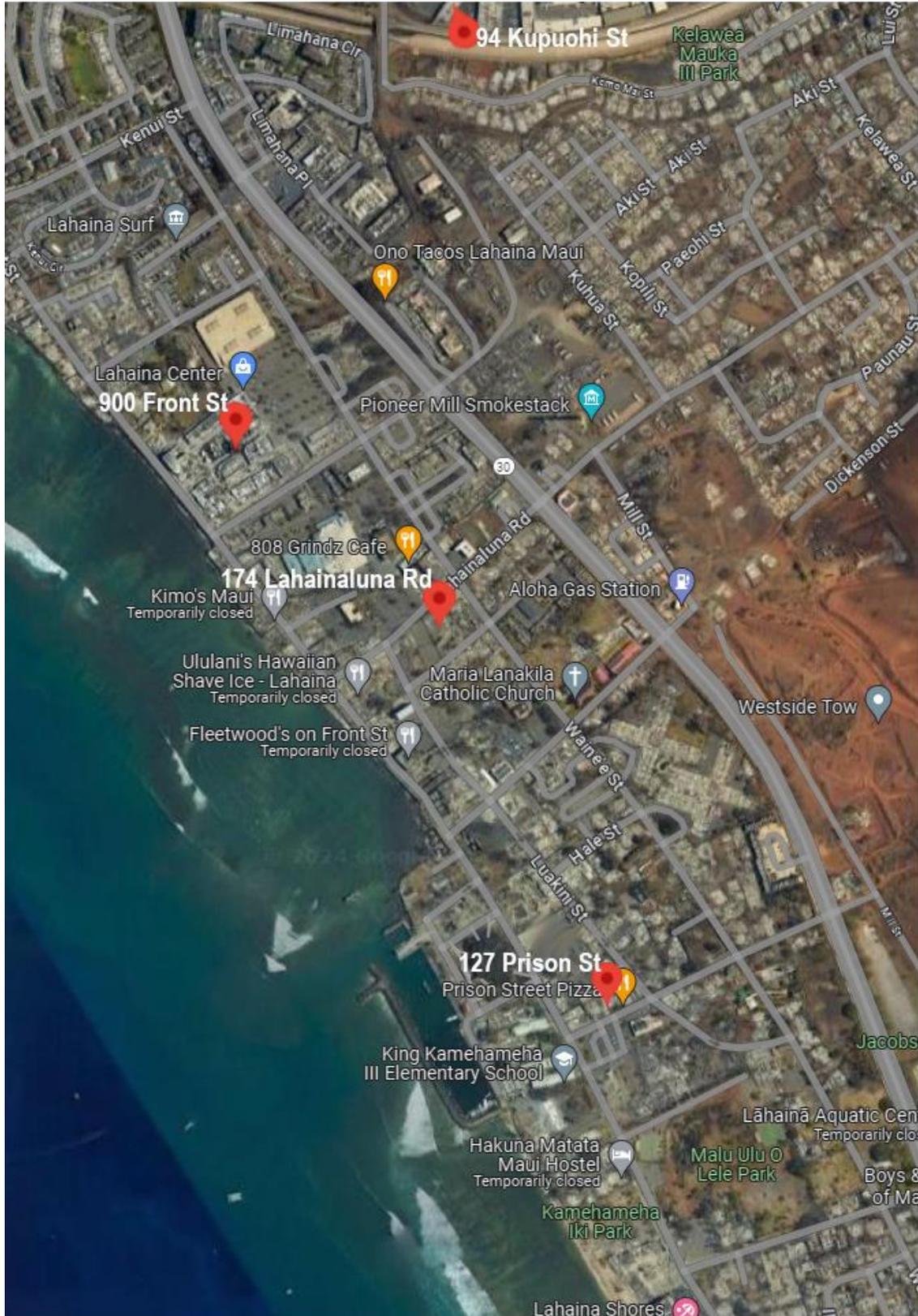
Task Force 5 - 127 Prison St TMK 460080010000

Property 4:

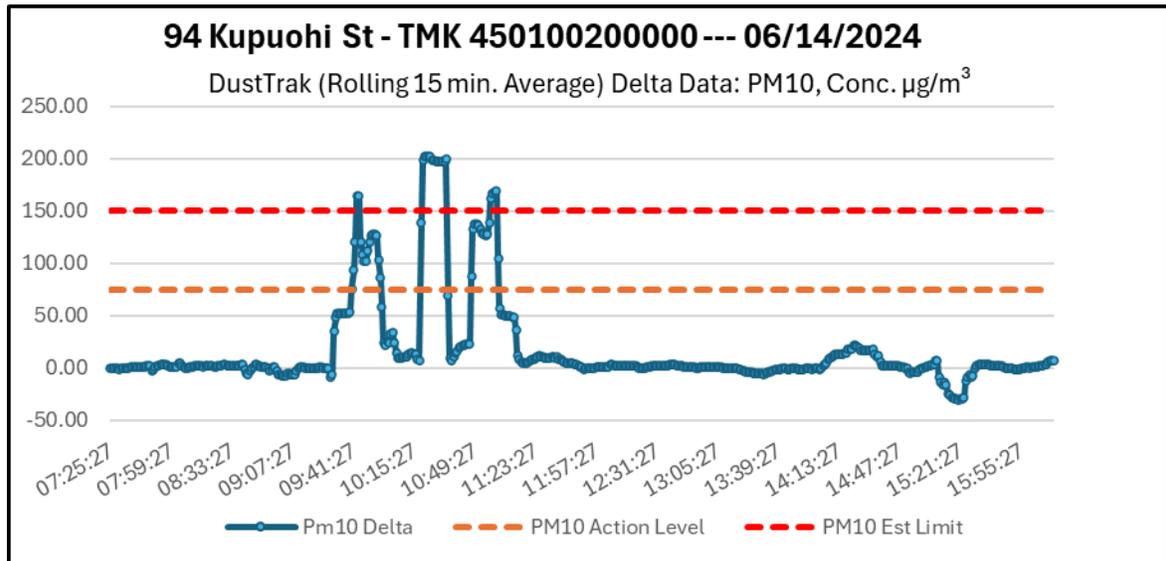
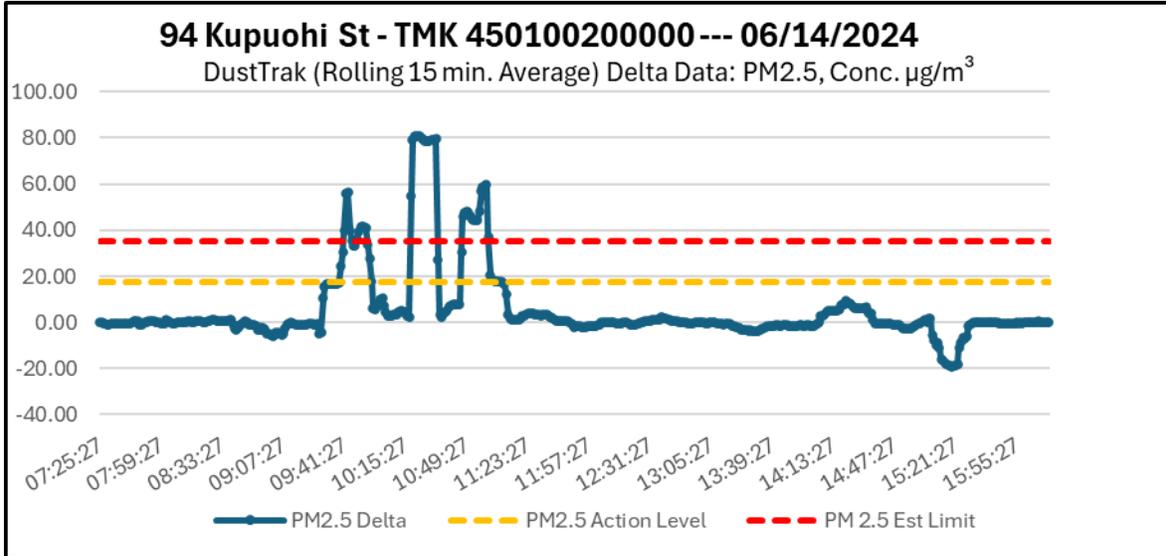
Task Force 4 - 174 Lahainaluna Rd TMK 460090360000

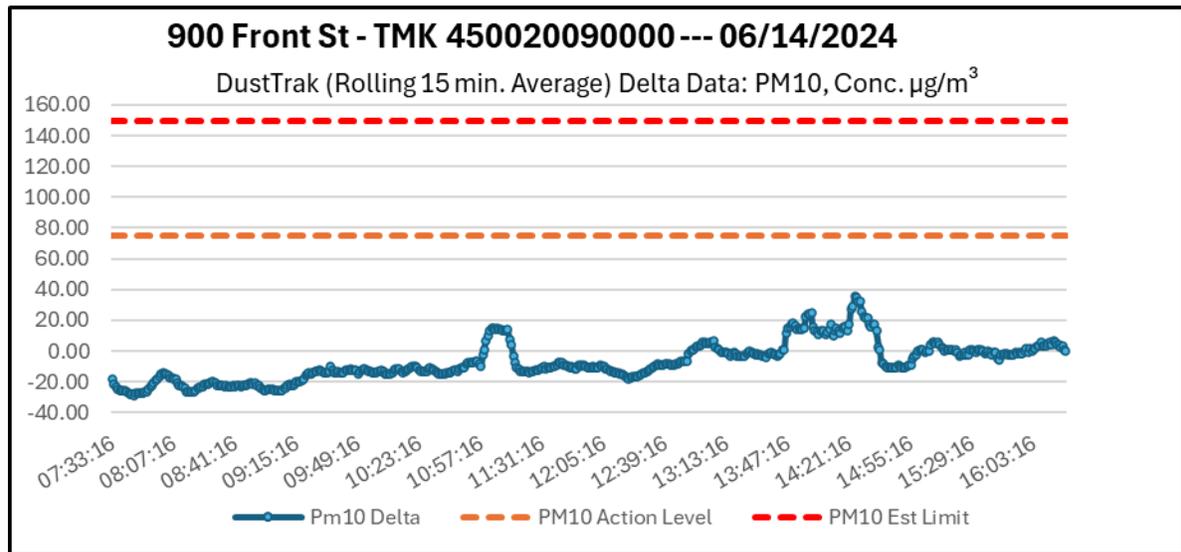
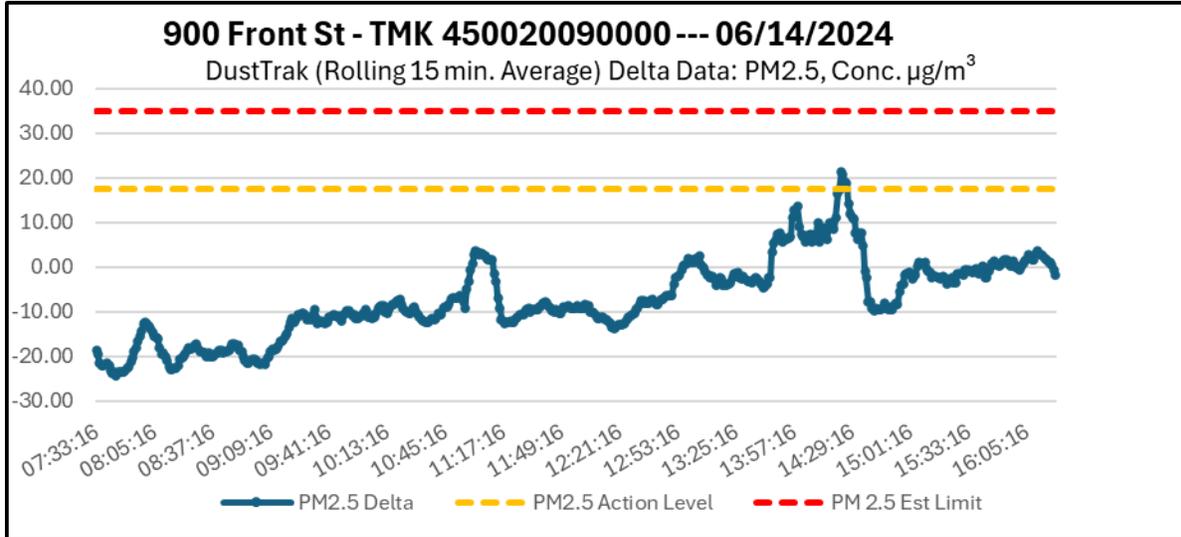
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
94 Kupuohi	PM 2.5 $\mu\text{g}/\text{m}^3$	5.30	70	35
94 Kupuohi	PM 10 $\mu\text{g}/\text{m}^3$	16.98	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-7.29	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-7.21	300	150
127 Prison	PM 2.5 $\mu\text{g}/\text{m}^3$	11.60	70	35
127 Prison	PM 10 $\mu\text{g}/\text{m}^3$	10.92	300	150
174 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	5.25	70	35
174 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	3.85	300	150

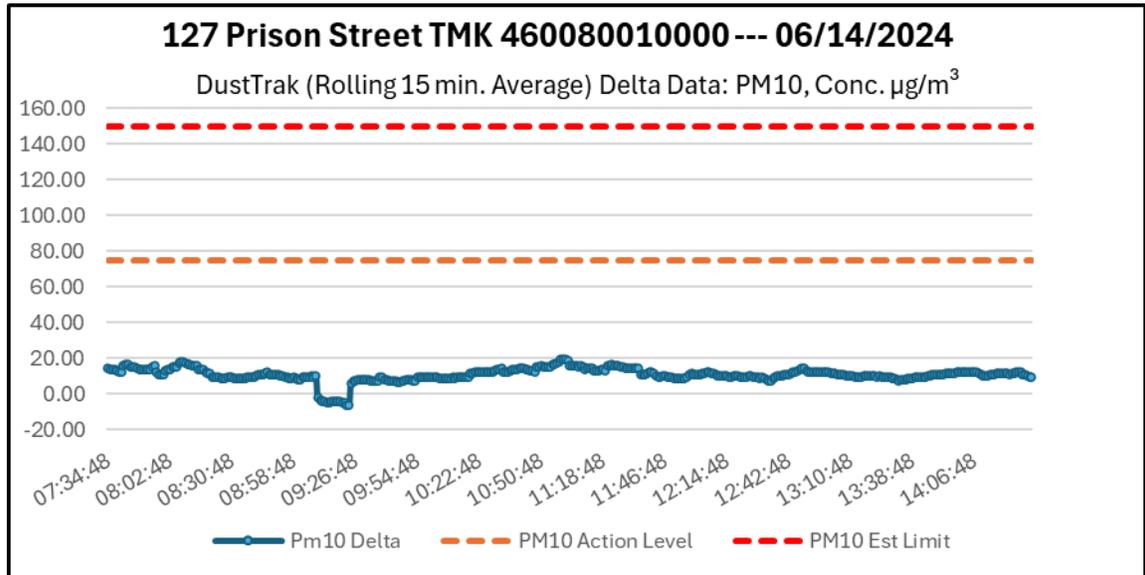
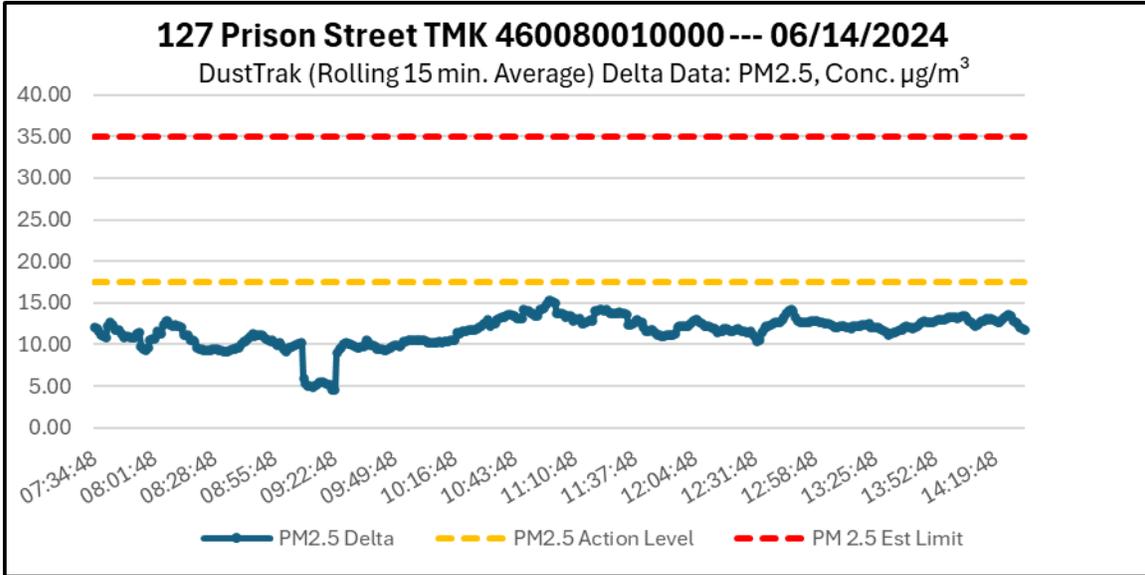
Property Locations:

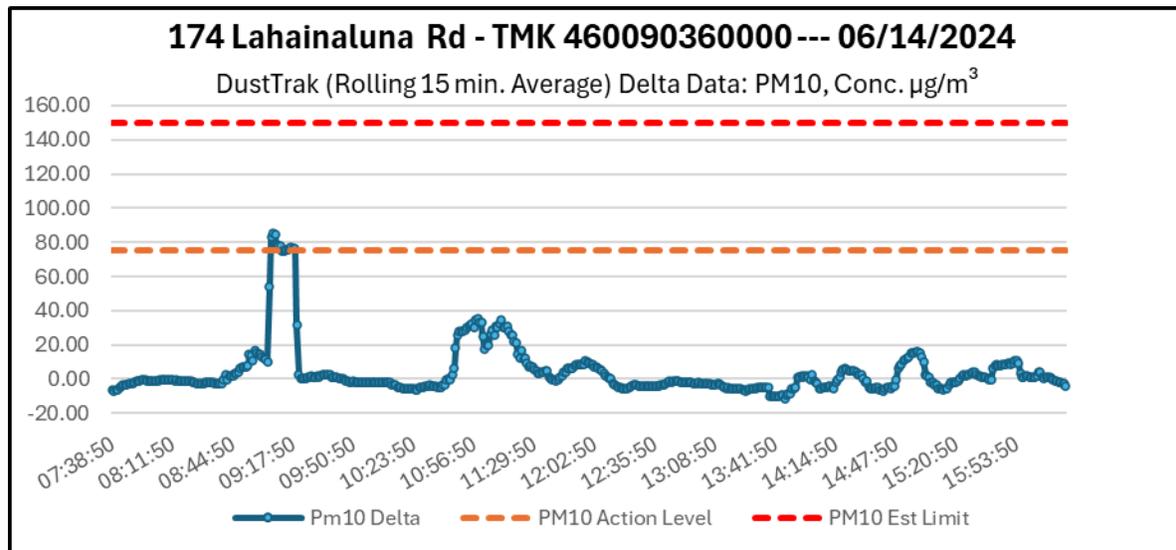
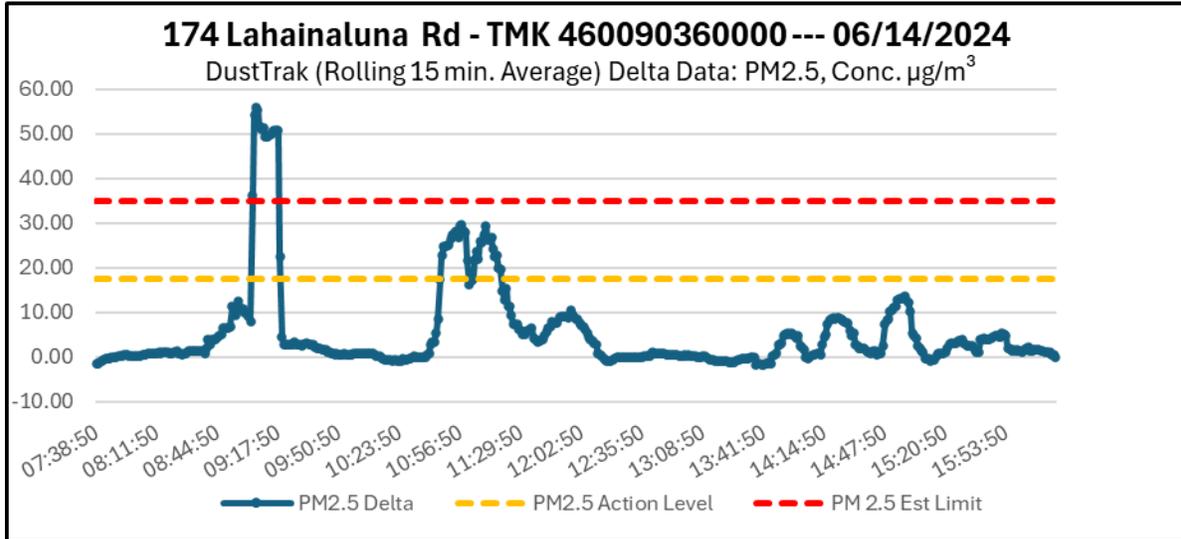


Attached: Daily Dust Monitoring Charts











June 16, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 15, 2024, DustTrak Realtime dust monitoring on 5 properties:

Two properties exceeded established limits.

Property 1:

Task Force 2 - 94 Kupuohi St TMK 450100200000

Property 2:

Task Force 2 - 612 Front Street TMK 460080480000

Property 3:

Task Force 6 –900 Front St TMK 450020090000

Property 4:

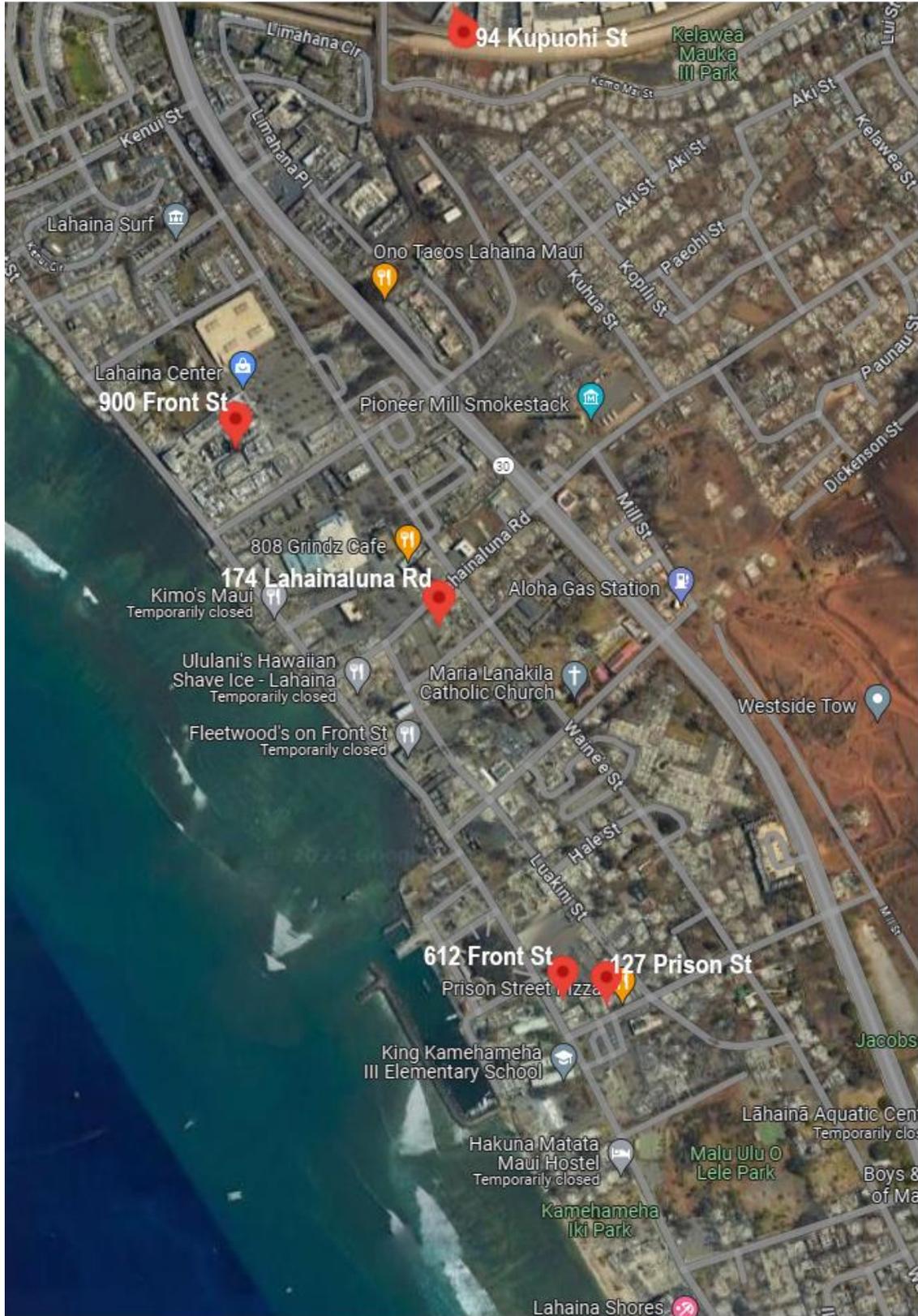
Task Force 5 - 127 Prison St TMK 460080010000

Property 5:

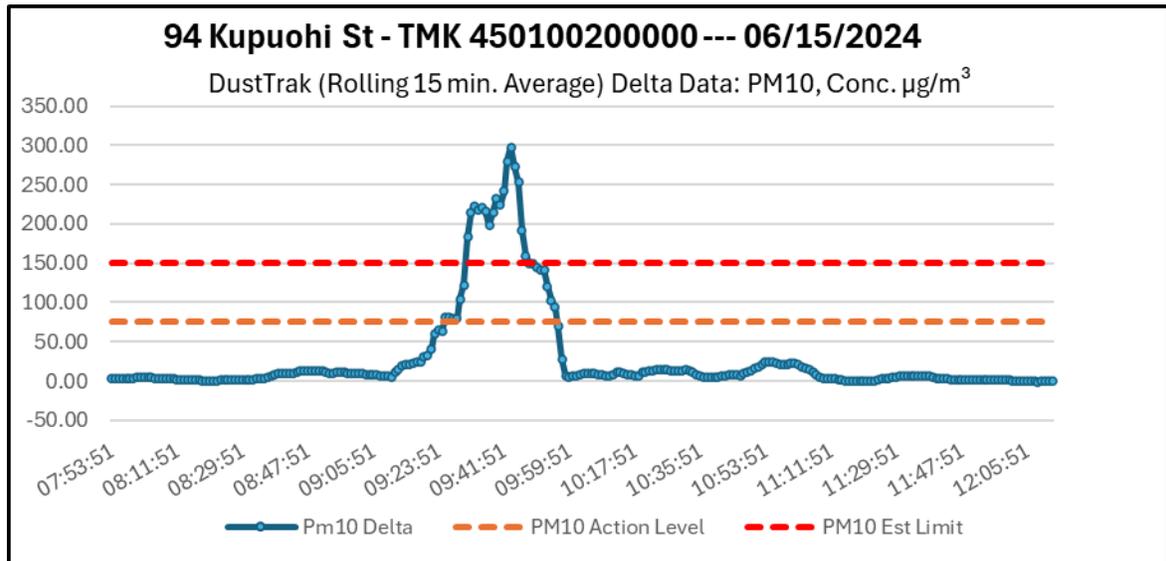
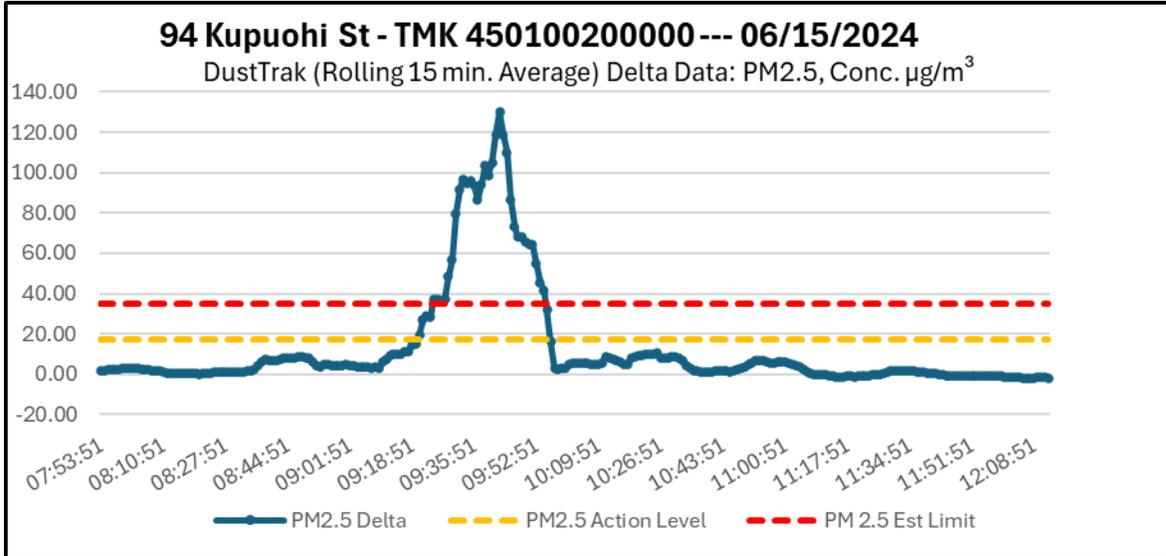
Task Force 4 - 174 Lahainaluna Rd TMK 460090360000

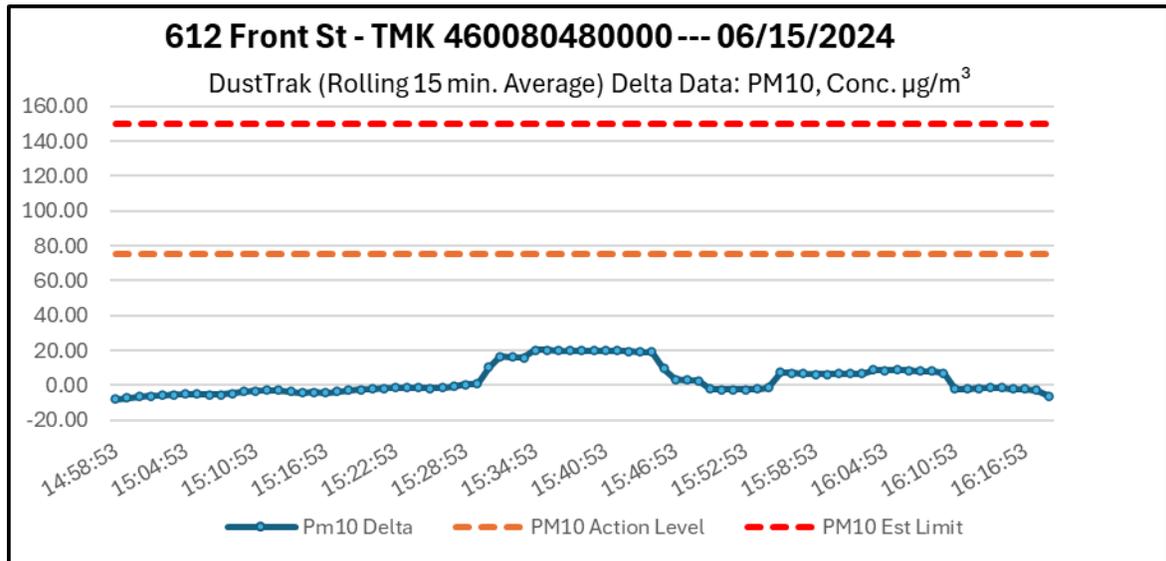
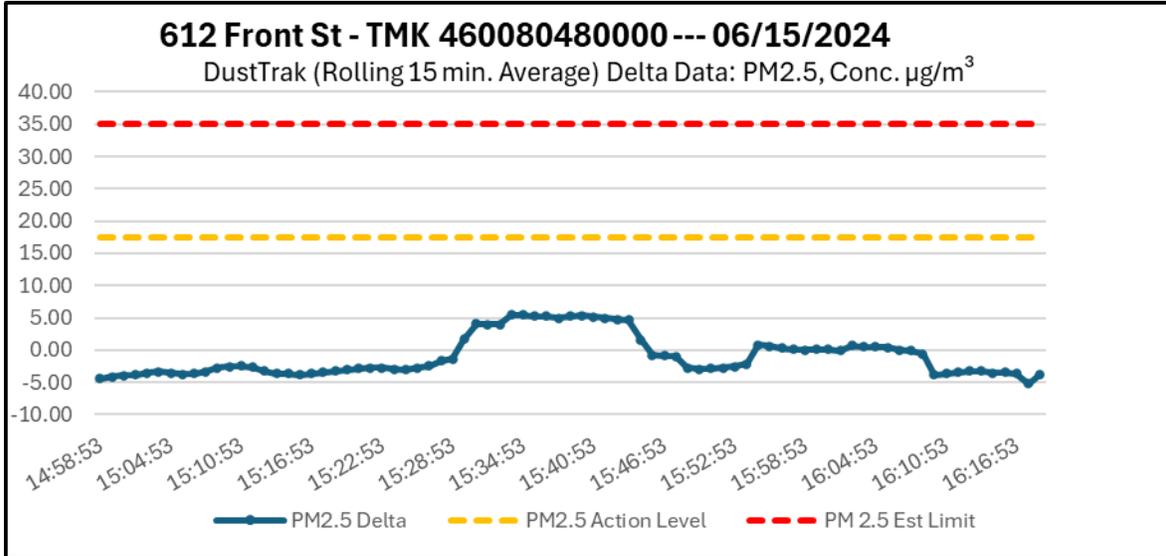
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
94 Kupuohi	PM 2.5 $\mu\text{g}/\text{m}^3$	11.87	70	35
94 Kupuohi	PM 10 $\mu\text{g}/\text{m}^3$	27.04	300	150
612 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-1.38	70	35
612 Front	PM 10 $\mu\text{g}/\text{m}^3$	1.67	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	1.32	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-1.96	300	150
127 Prison	PM 2.5 $\mu\text{g}/\text{m}^3$	30.73	70	35
127 Prison	PM 10 $\mu\text{g}/\text{m}^3$	28.94	300	150
174 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	-7.53	70	35
174 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	-8.01	300	150

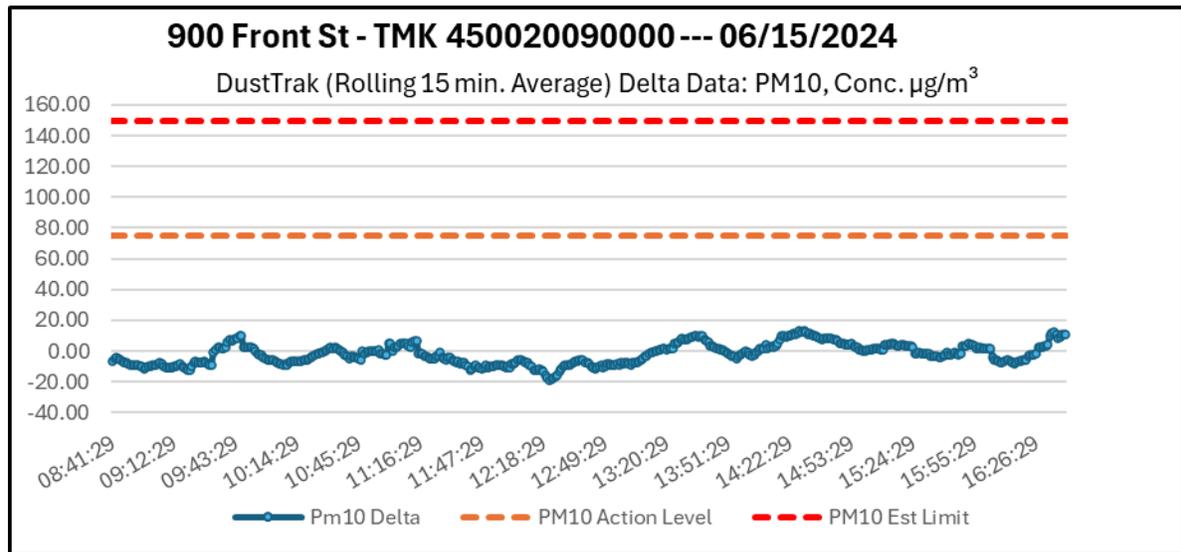
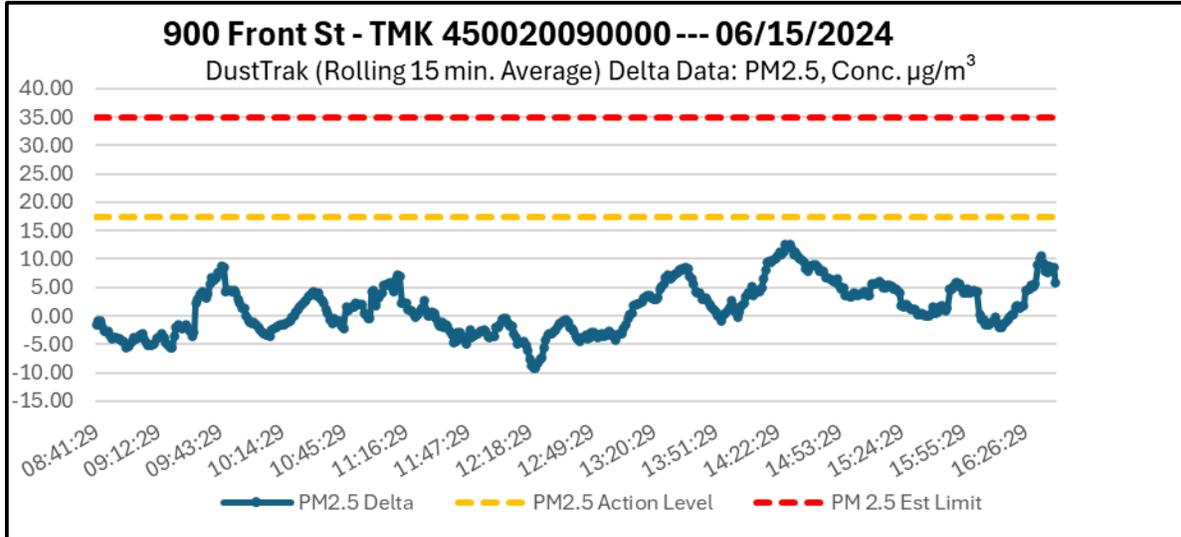
Property Locations:

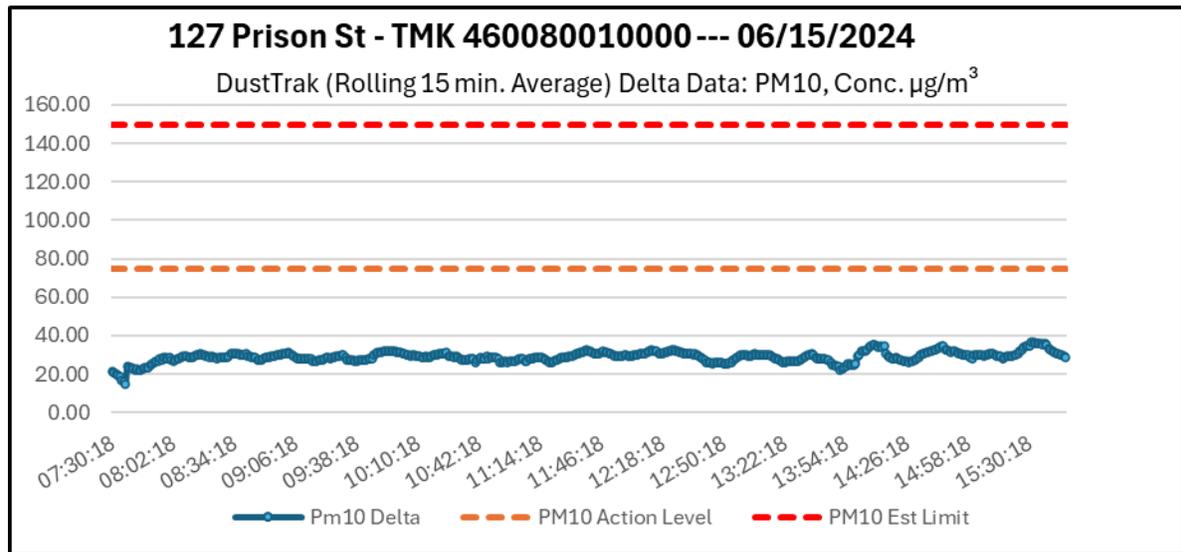
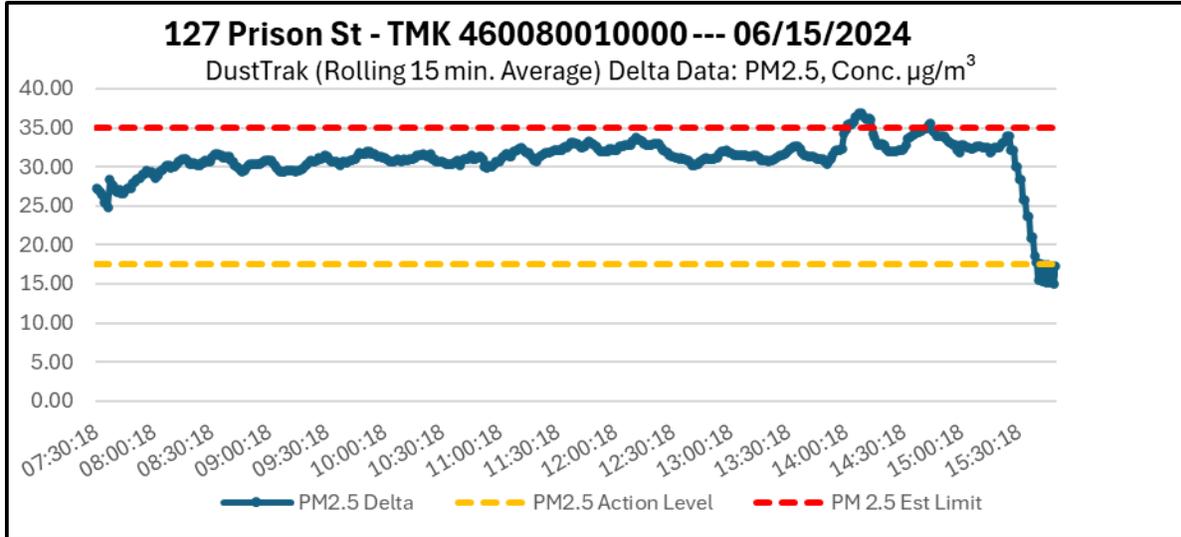


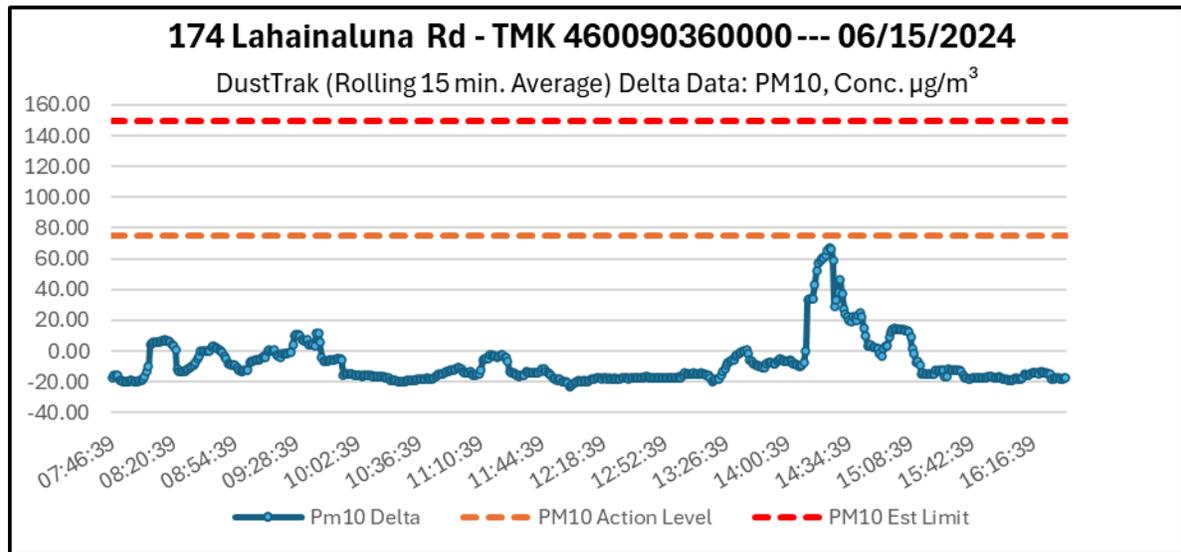
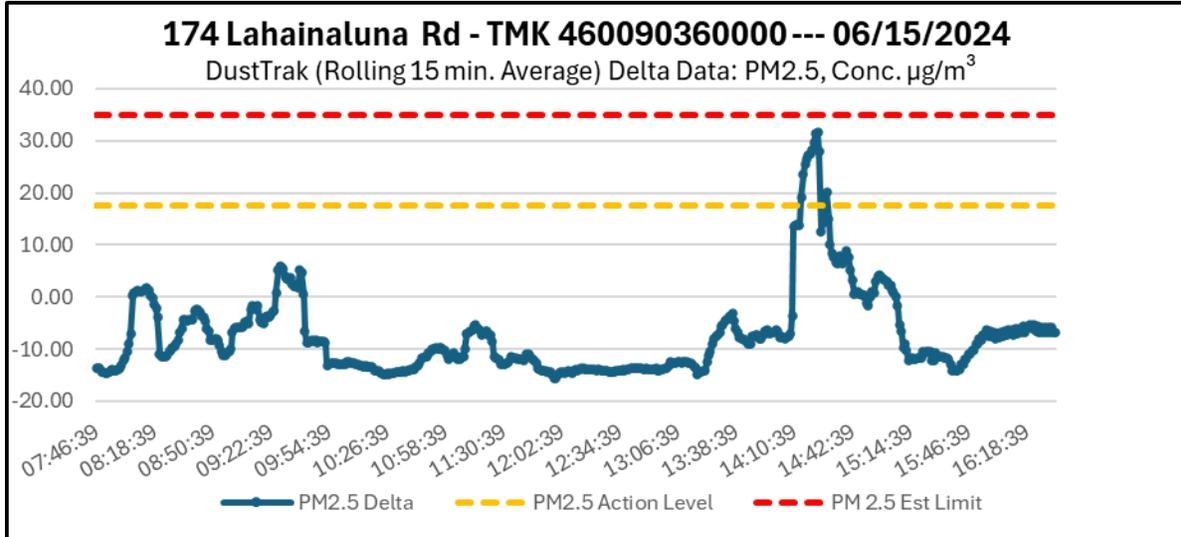
Attached: Daily Dust Monitoring Charts













June 17, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 16, 2024, DustTrak Realtime dust monitoring on 4 properties:

Three properties exceeded established limits.

Property 1:

Task Force 2 - 612 Front Street TMK 460080480000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

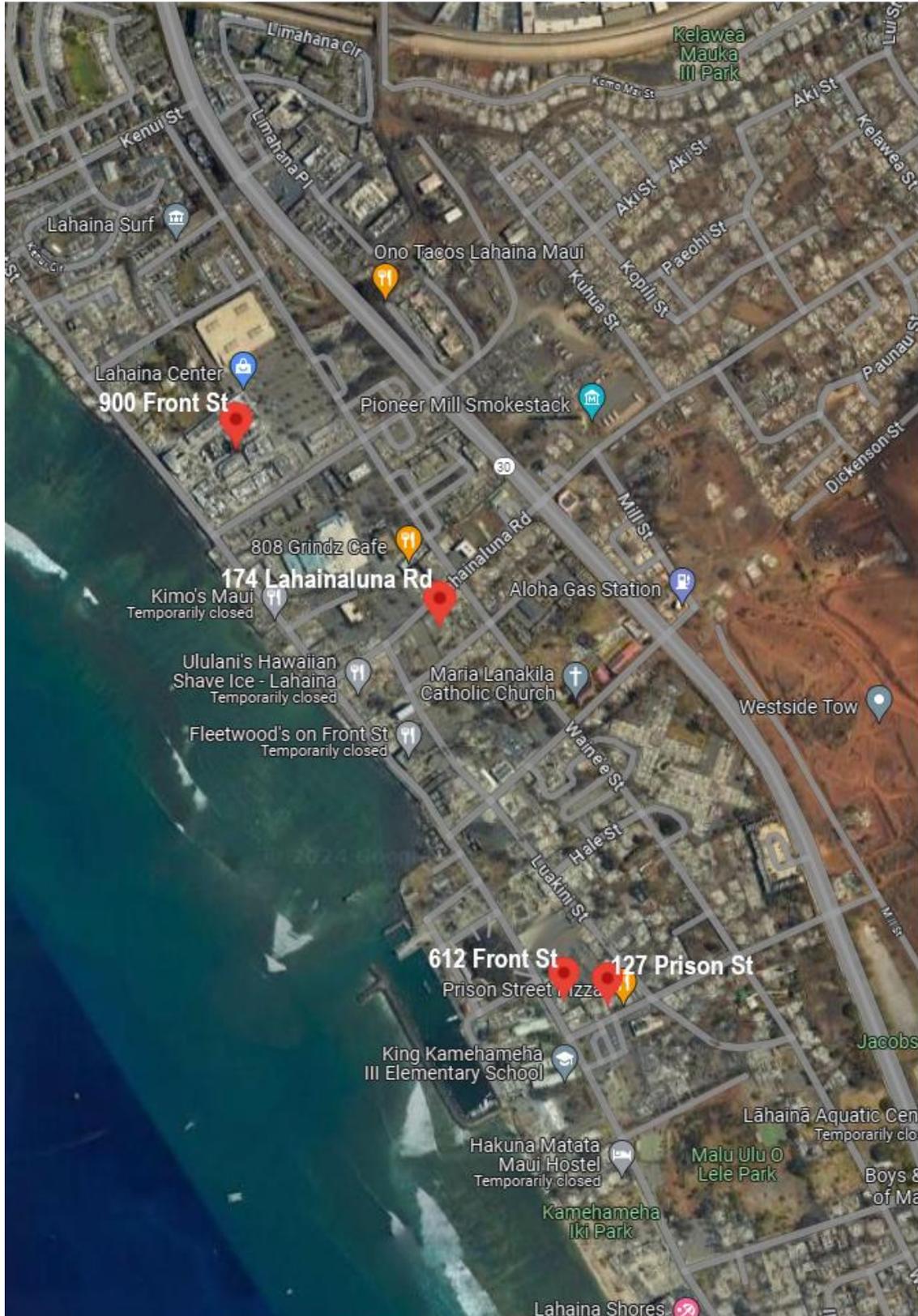
Task Force 5 - 127 Prison St TMK 460080010000

Property 4:

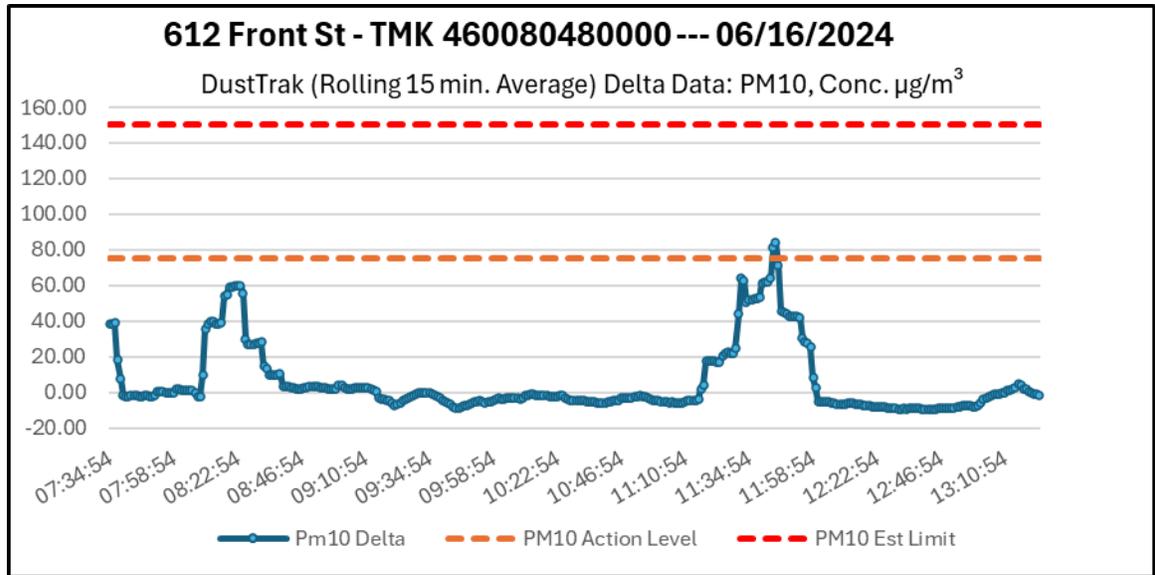
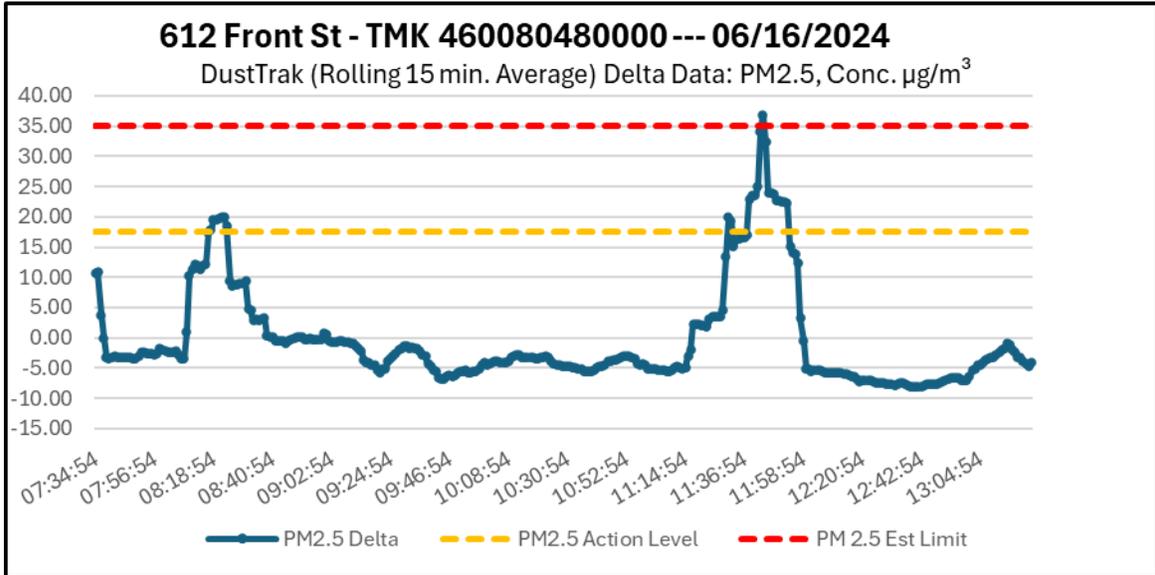
Task Force 4 - 174 Lahainaluna Rd TMK 460090360000

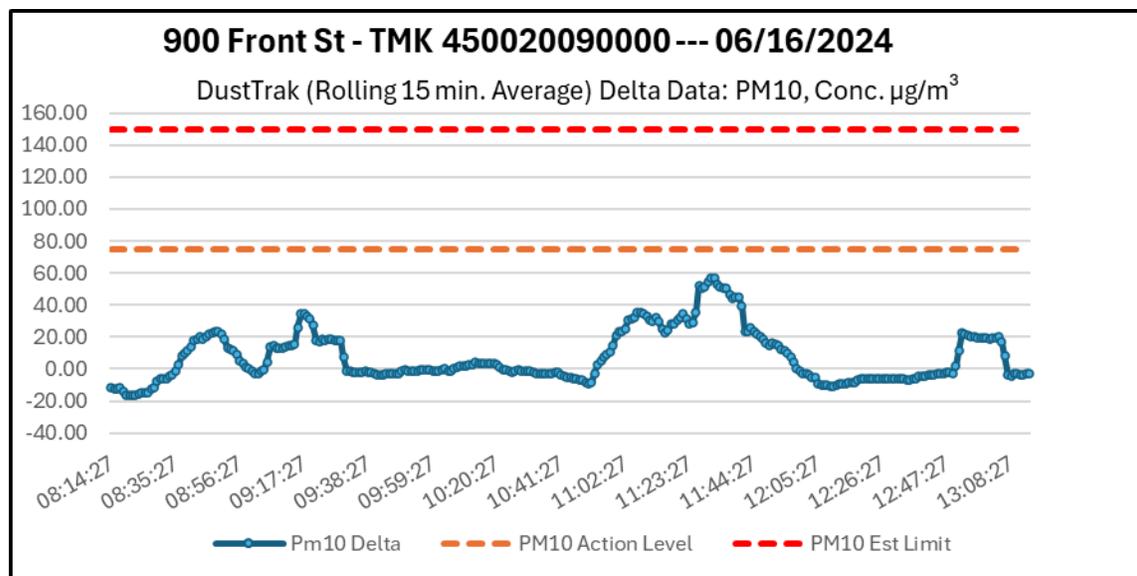
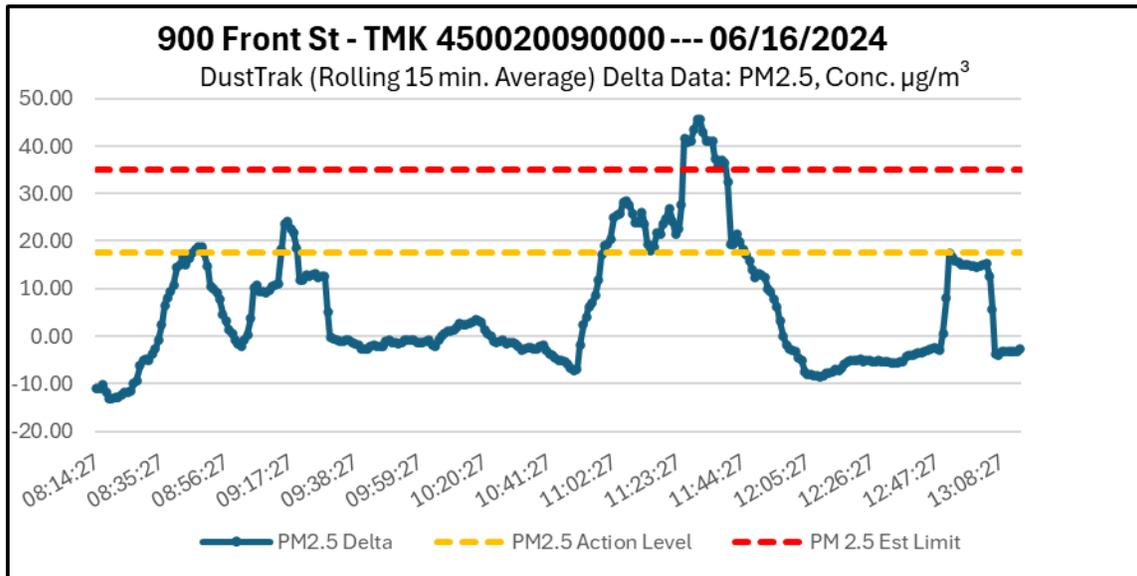
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
612 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.10	70	35
612 Front	PM 10 $\mu\text{g}/\text{m}^3$	6.41	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	5.25	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	6.94	300	150
127 Prison	PM 2.5 $\mu\text{g}/\text{m}^3$	-7.25	70	35
127 Prison	PM 10 $\mu\text{g}/\text{m}^3$	-9.92	300	150
174 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	27.10	70	35
174 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	38.02	300	150

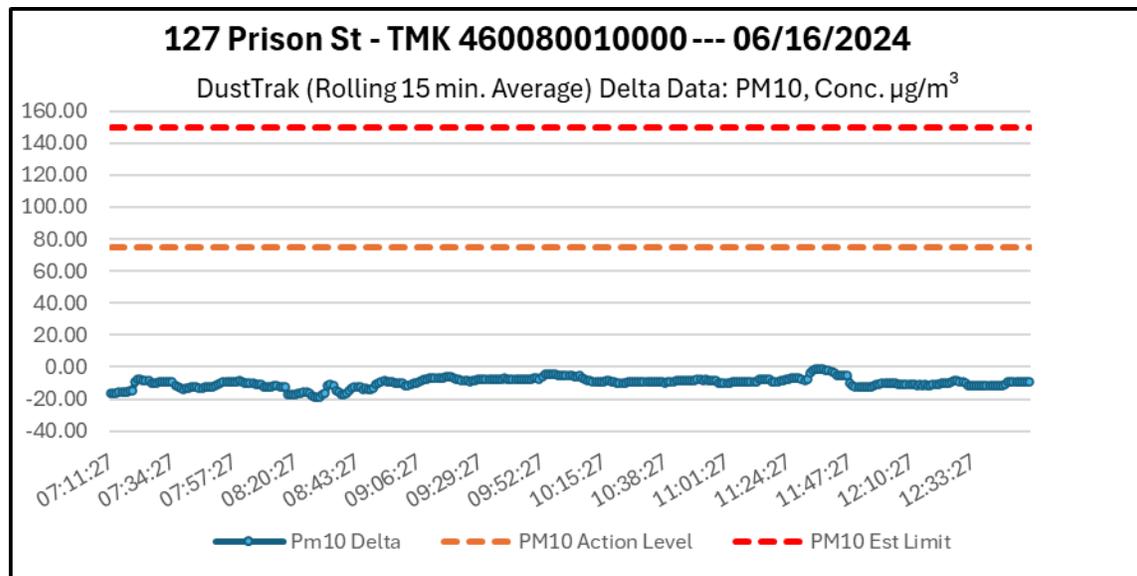
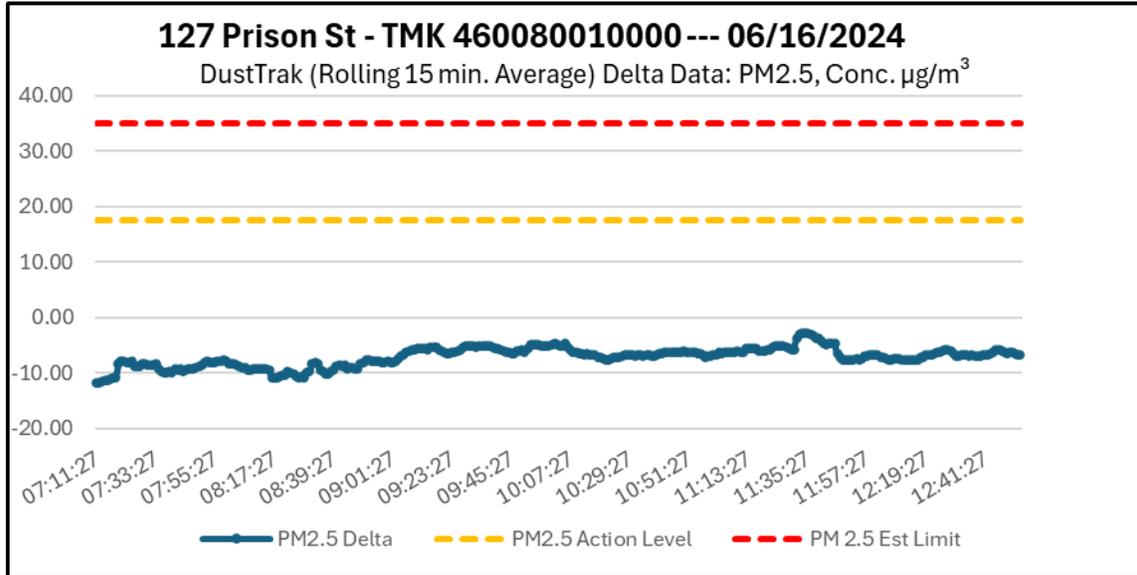
Property Locations:

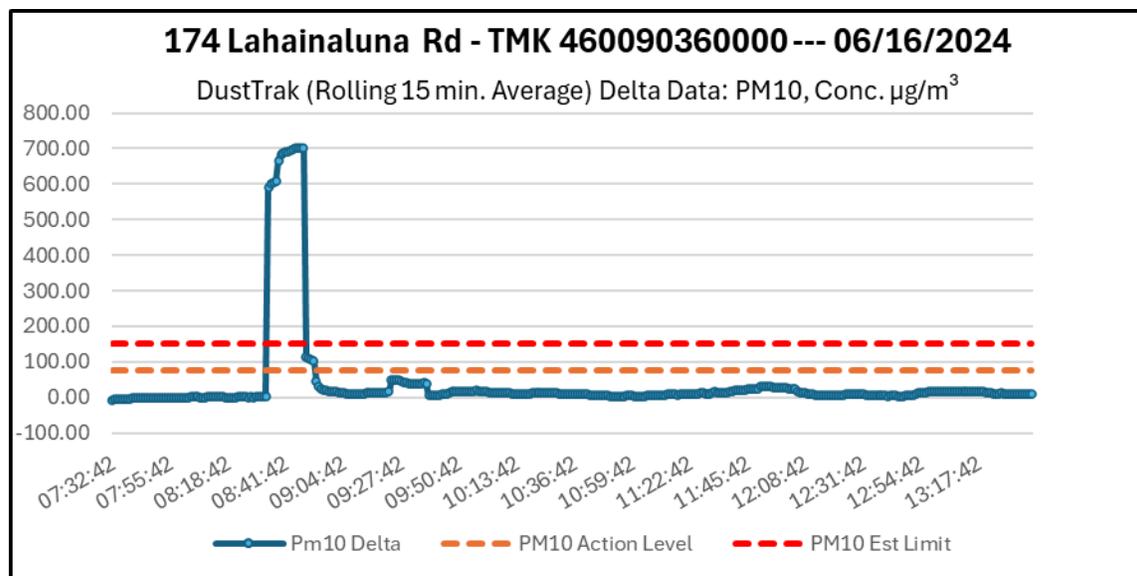
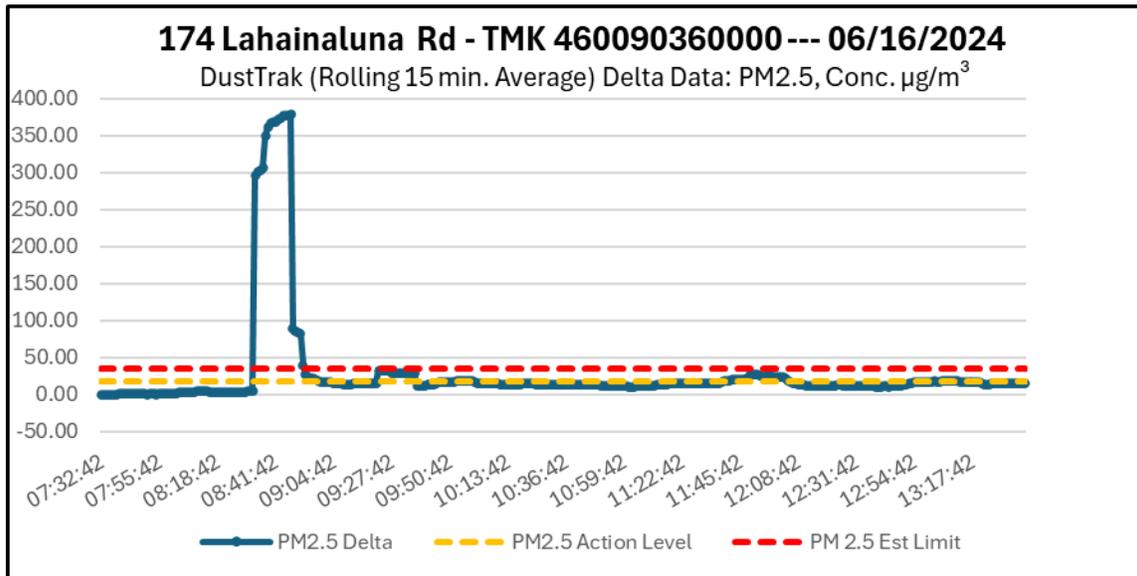


Attached: Daily Dust Monitoring Charts











June 20, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 19, 2024, DustTrak Realtime dust monitoring on 4 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 612 Front Street TMK 460080480000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

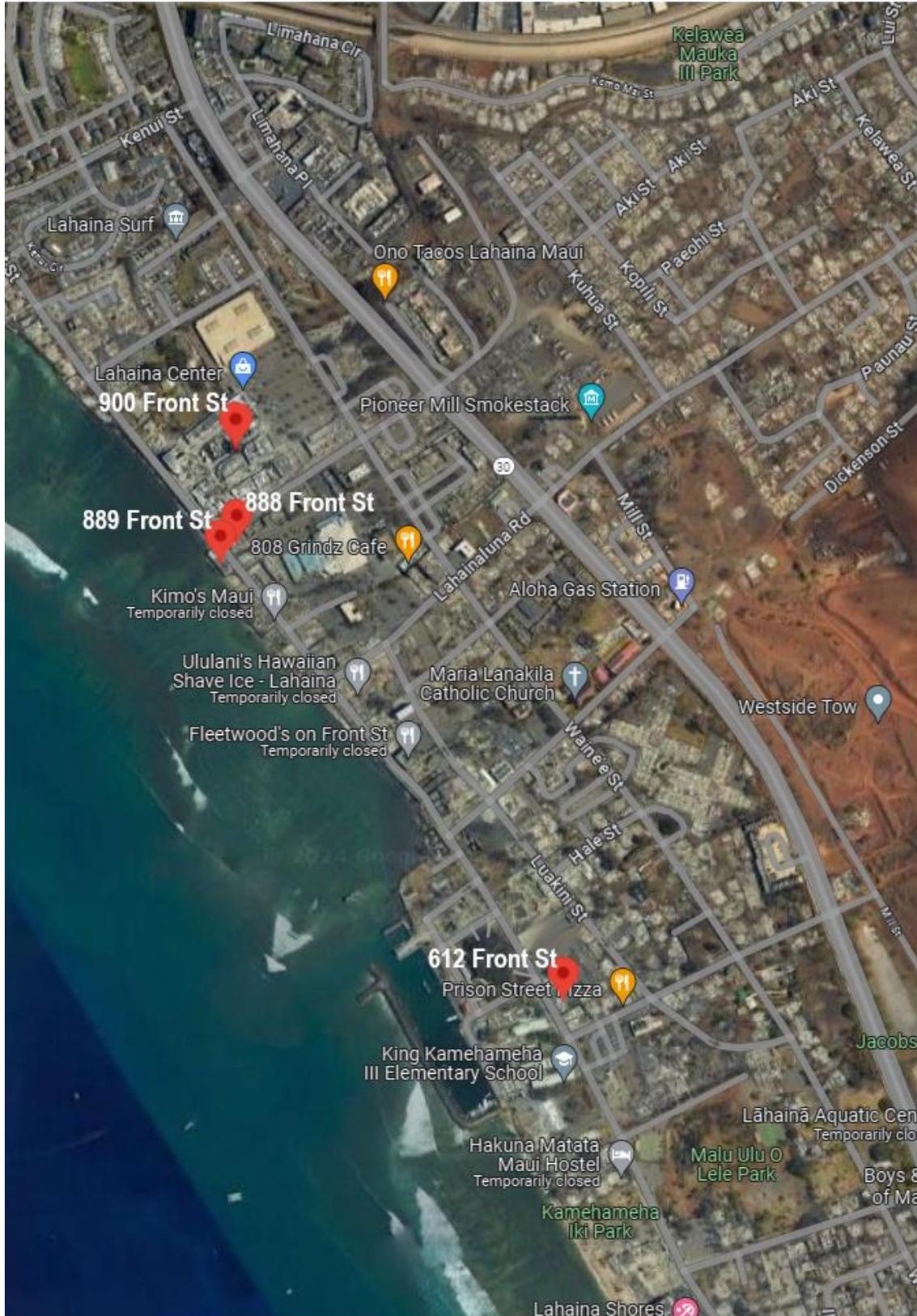
Task Force 5 - 888 Front St TMK 450010500000

Property 4:

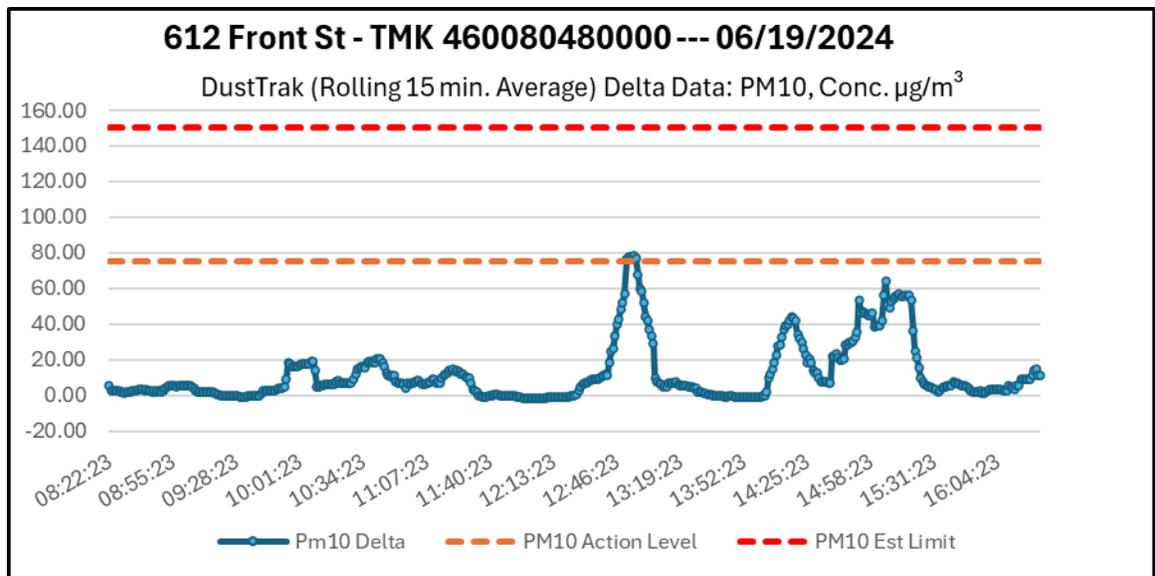
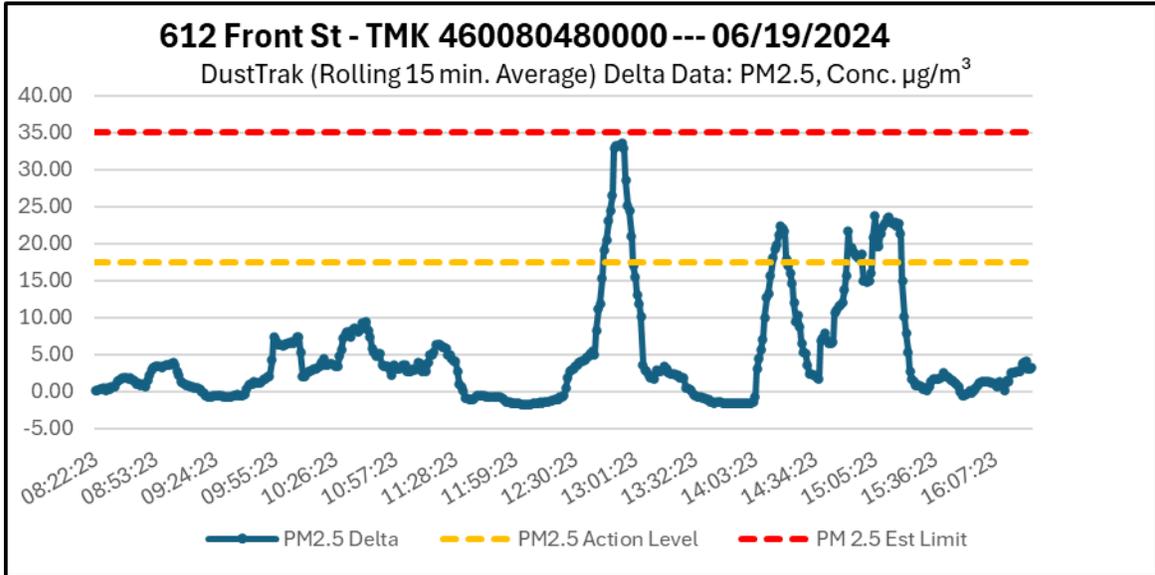
Task Force 4 - 889 Front St TMK 450010090000

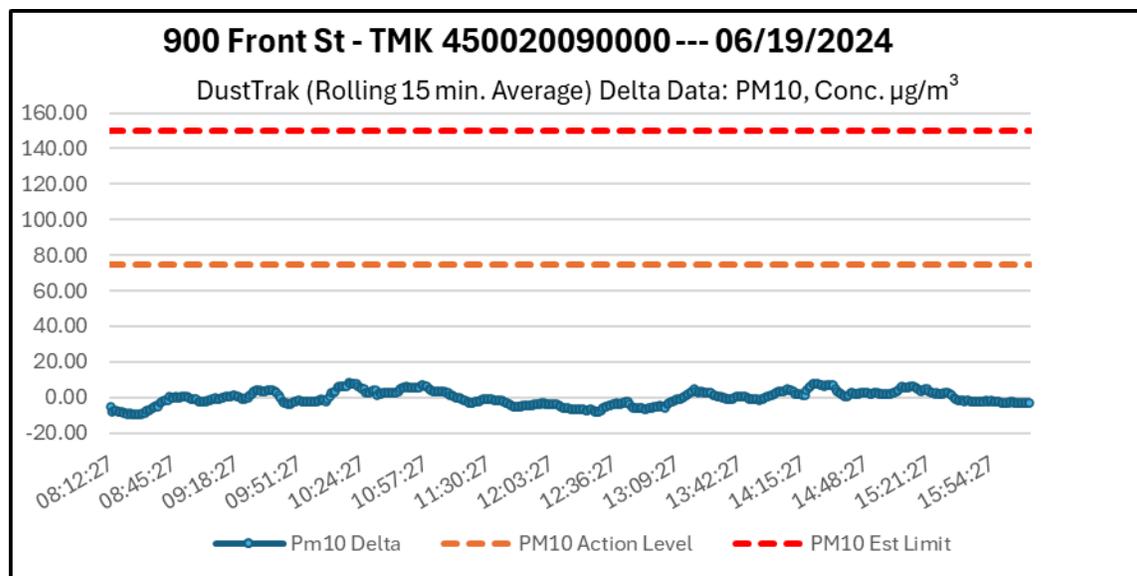
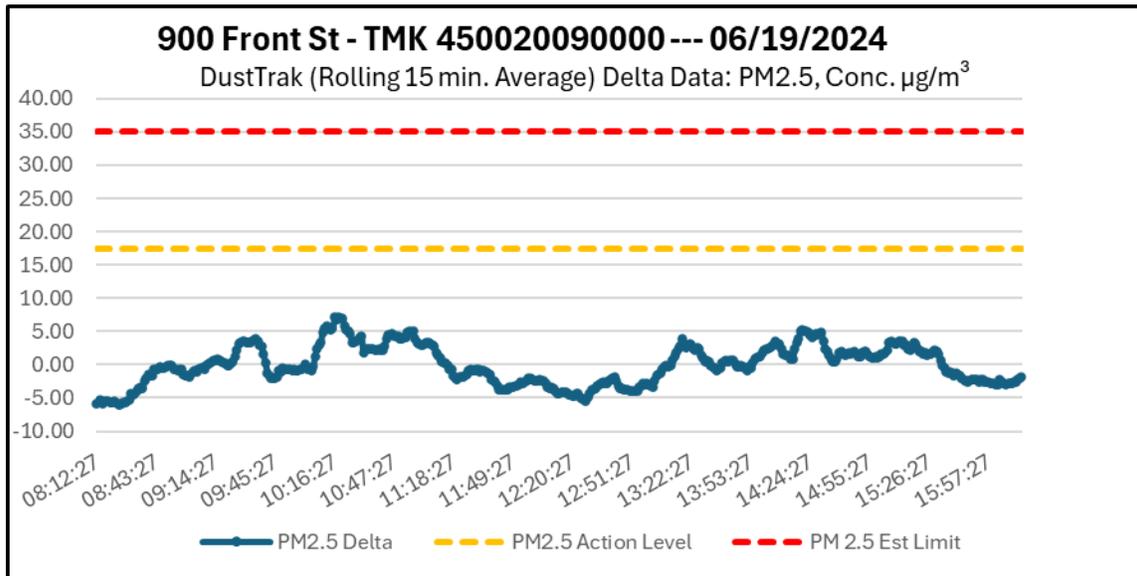
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
612 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	4.62	70	35
612 Front	PM 10 $\mu\text{g}/\text{m}^3$	11.68	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.15	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-0.42	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-6.85	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	-20.46	300	150
889 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	10.73	70	35
889 Front	PM 10 $\mu\text{g}/\text{m}^3$	15.09	300	150

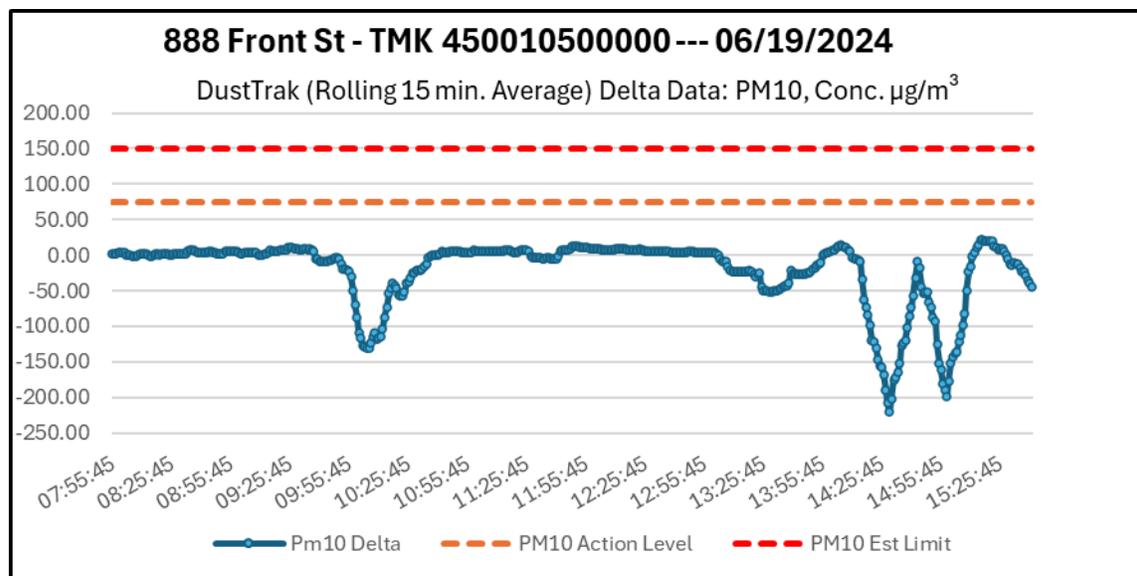
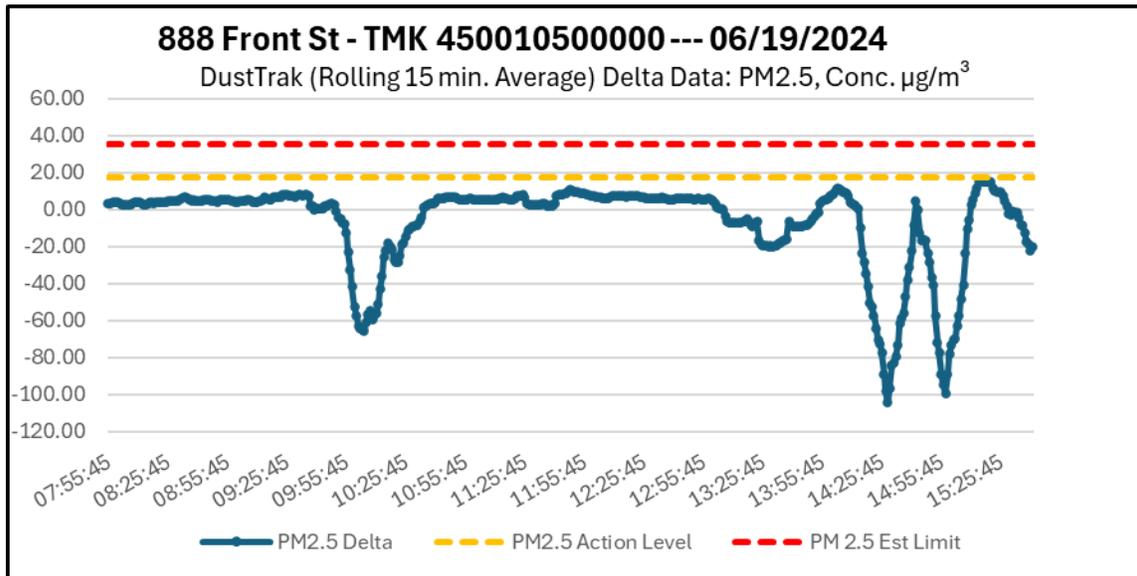
Property Locations:

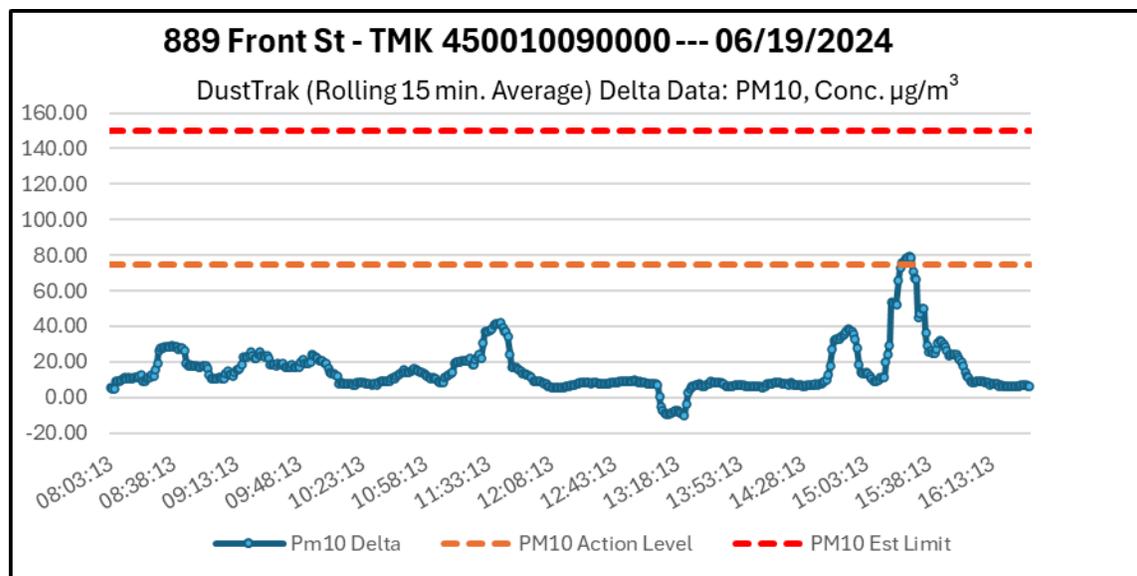
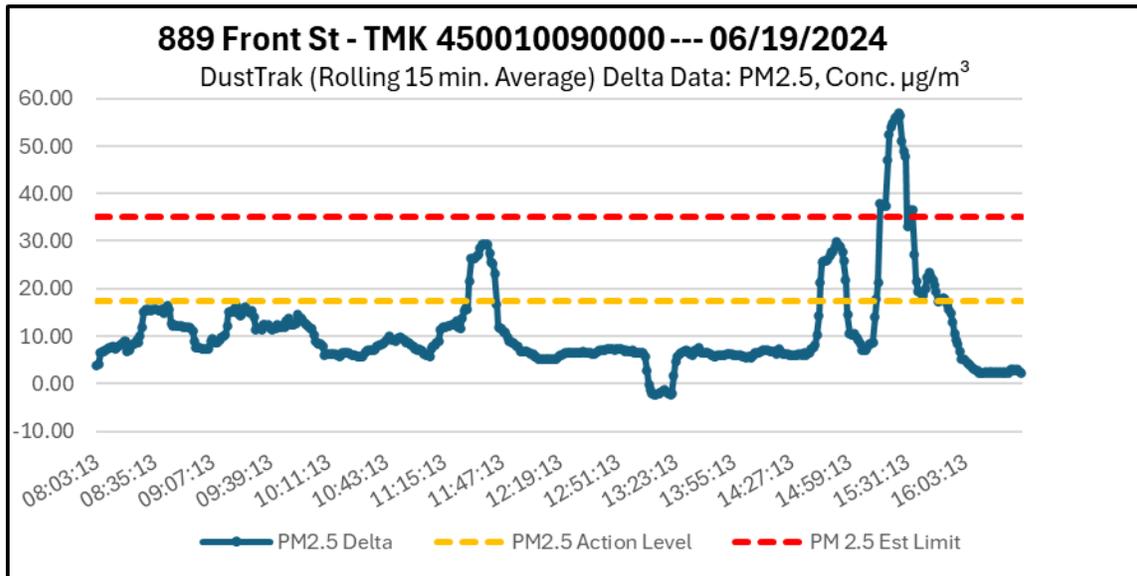


Attached: Daily Dust Monitoring Charts











June 21, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 20, 2024, DustTrak Realtime dust monitoring on 4 properties:

Two properties exceeded established limits.

Property 1:

Task Force 2 - 612 Front Street TMK 460080480000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

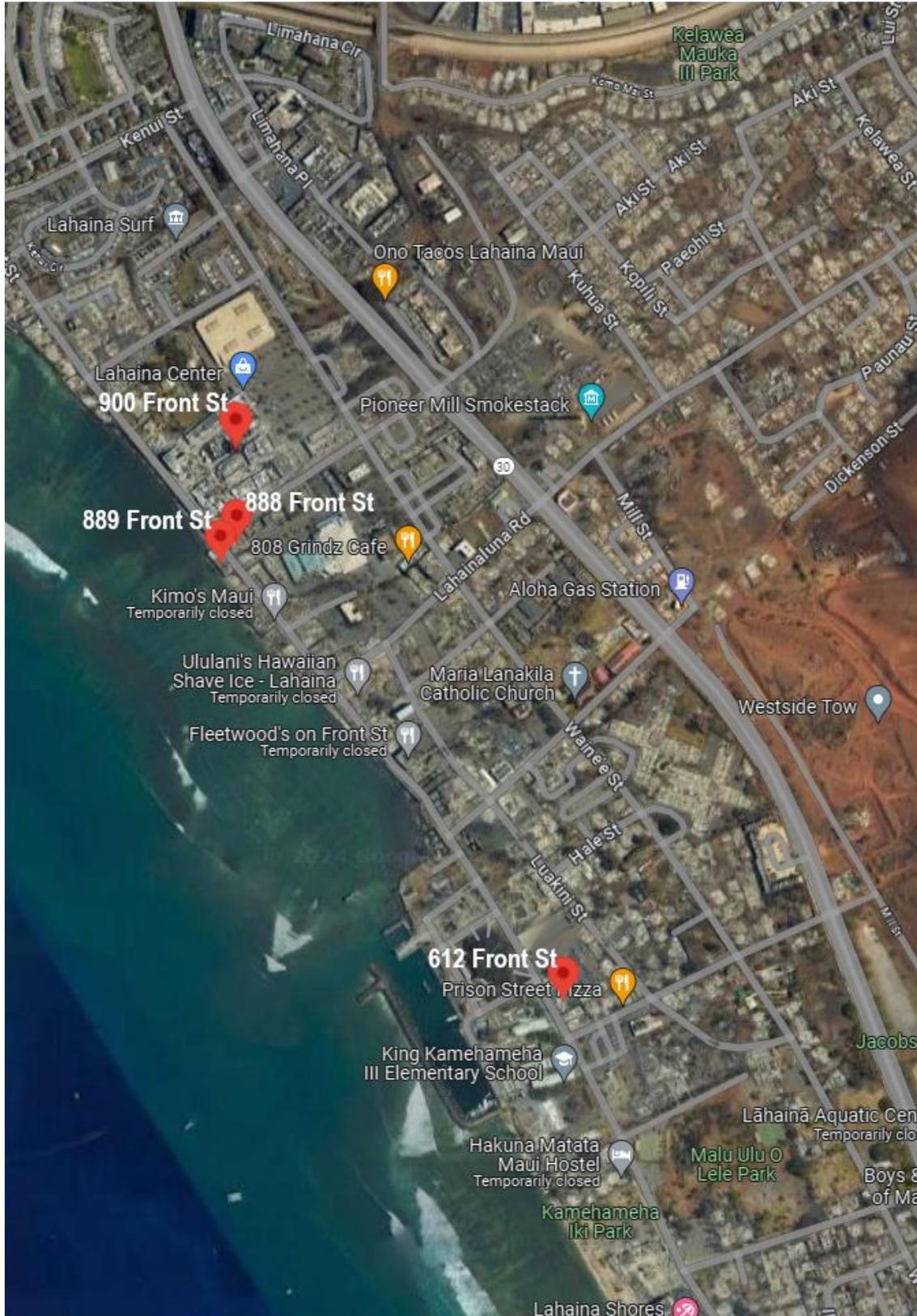
Task Force 4 - 889 Front St TMK 450010090000

Property 4:

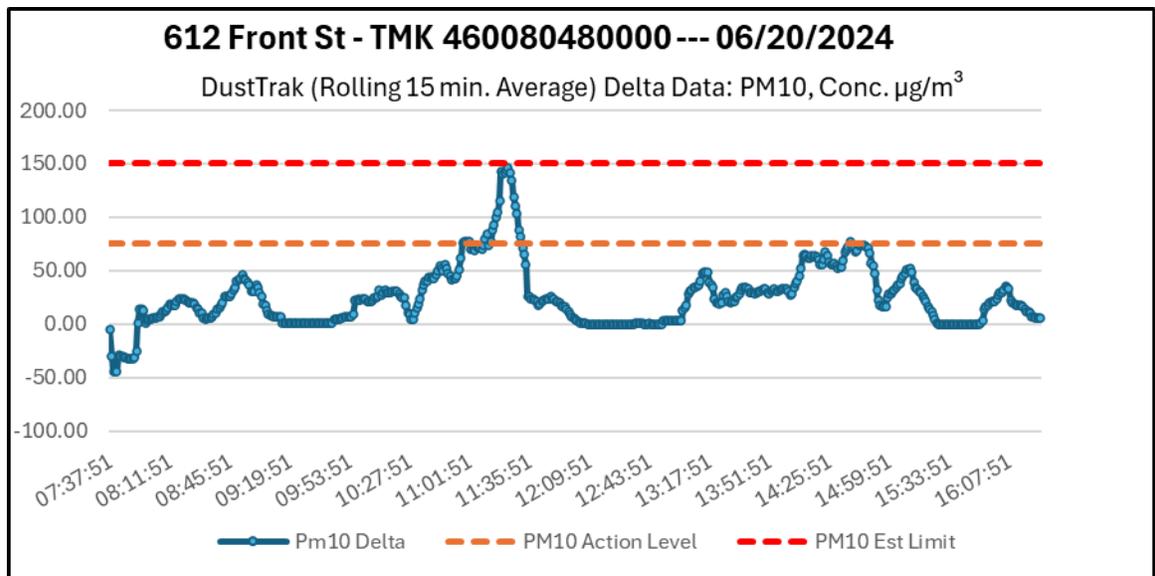
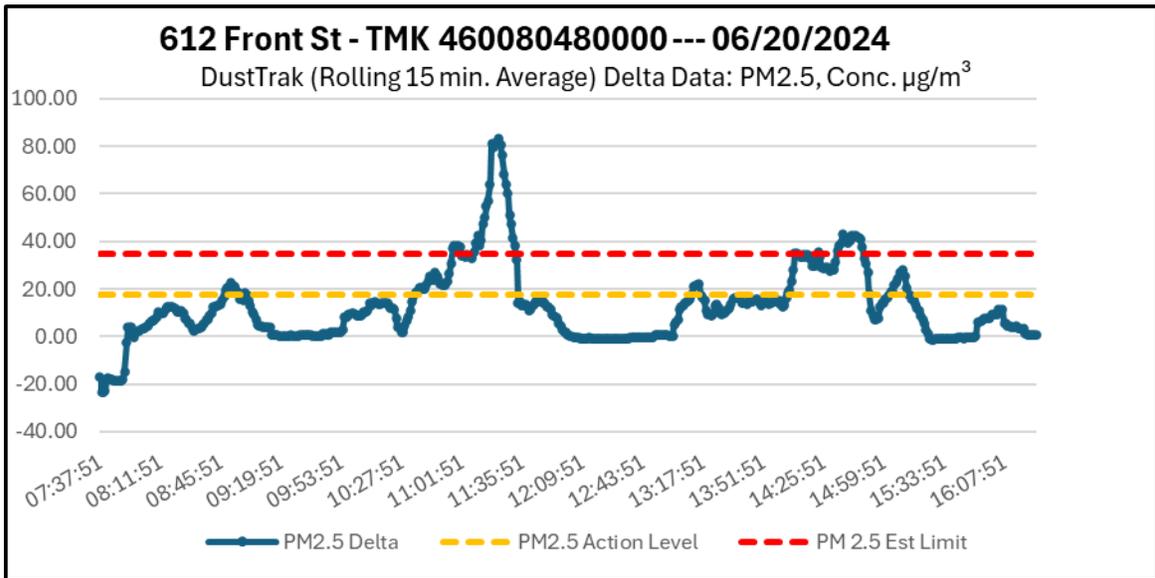
Task Force 5 - 888 Front St TMK 450010500000

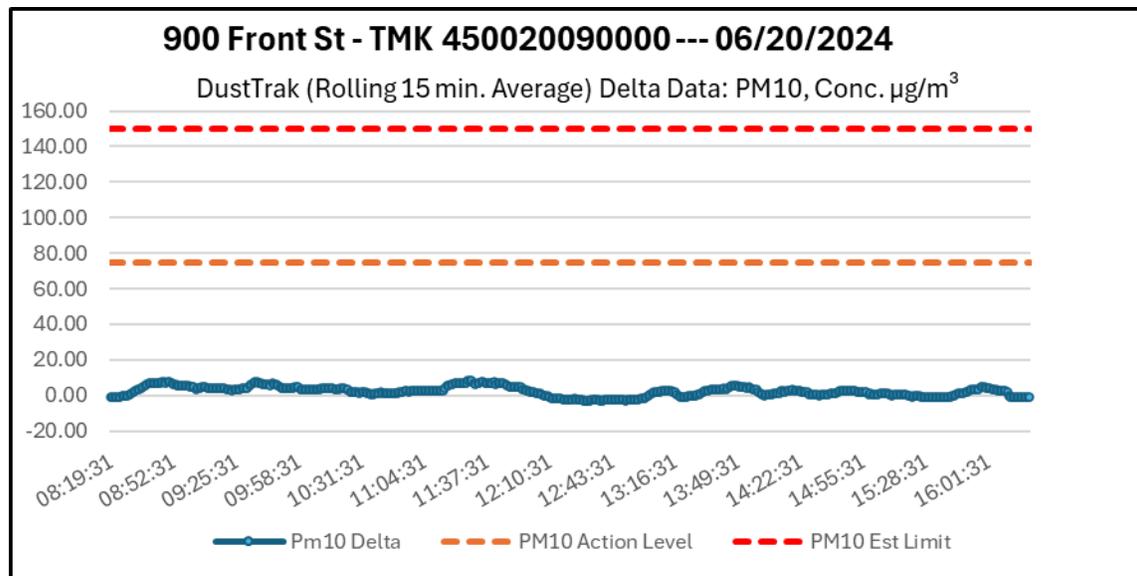
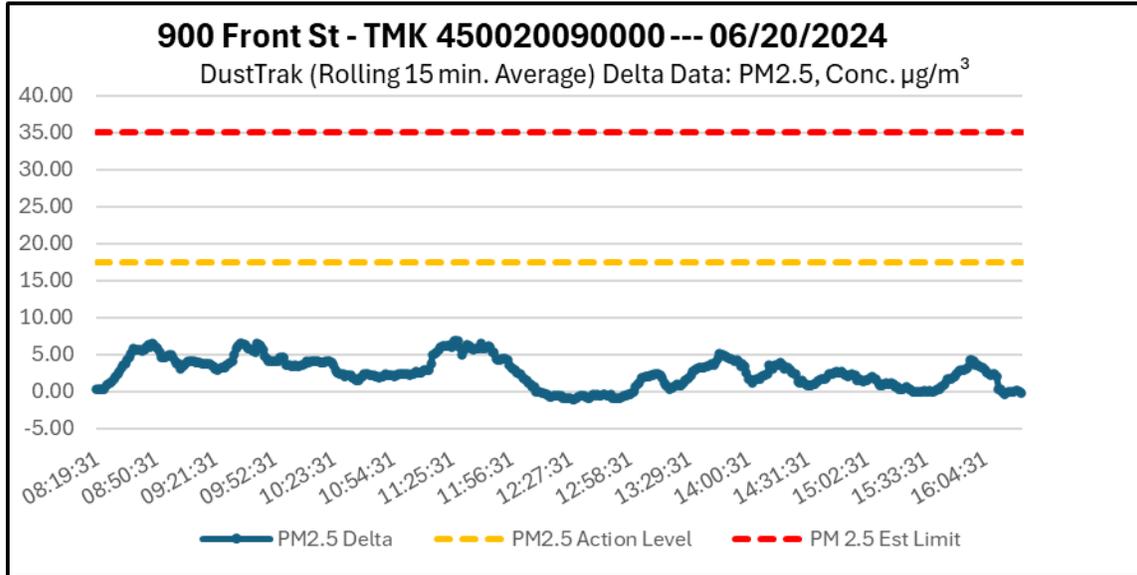
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
612 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	12.19	70	35
612 Front	PM 10 $\mu\text{g}/\text{m}^3$	24.73	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	2.47	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	2.21	300	150
889 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	11.60	70	35
889 Front	PM 10 $\mu\text{g}/\text{m}^3$	15.22	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-1.06	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	-8.99	300	150

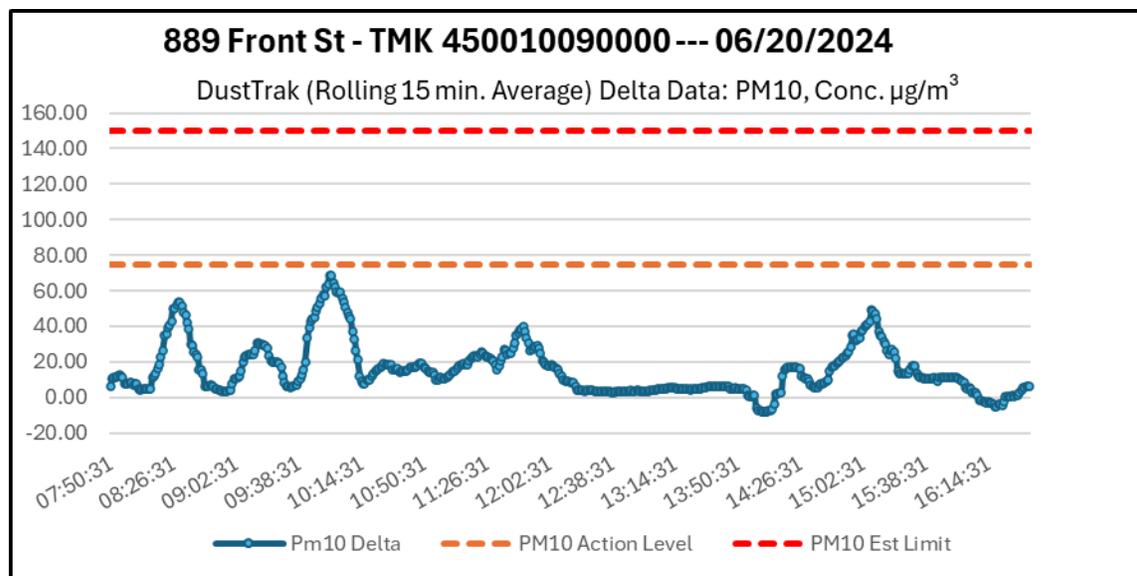
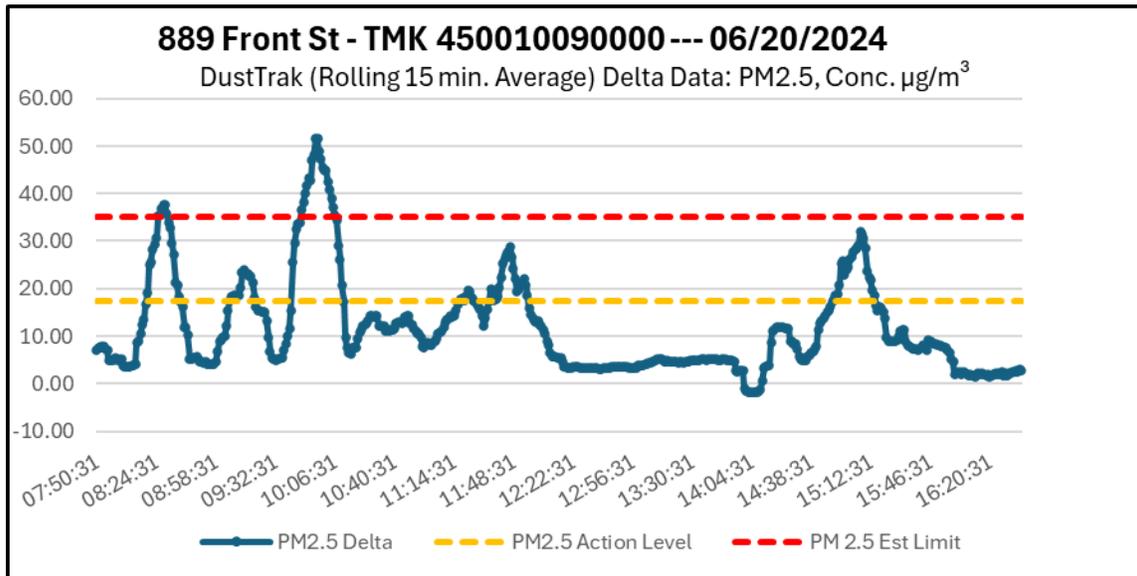
Property Locations:

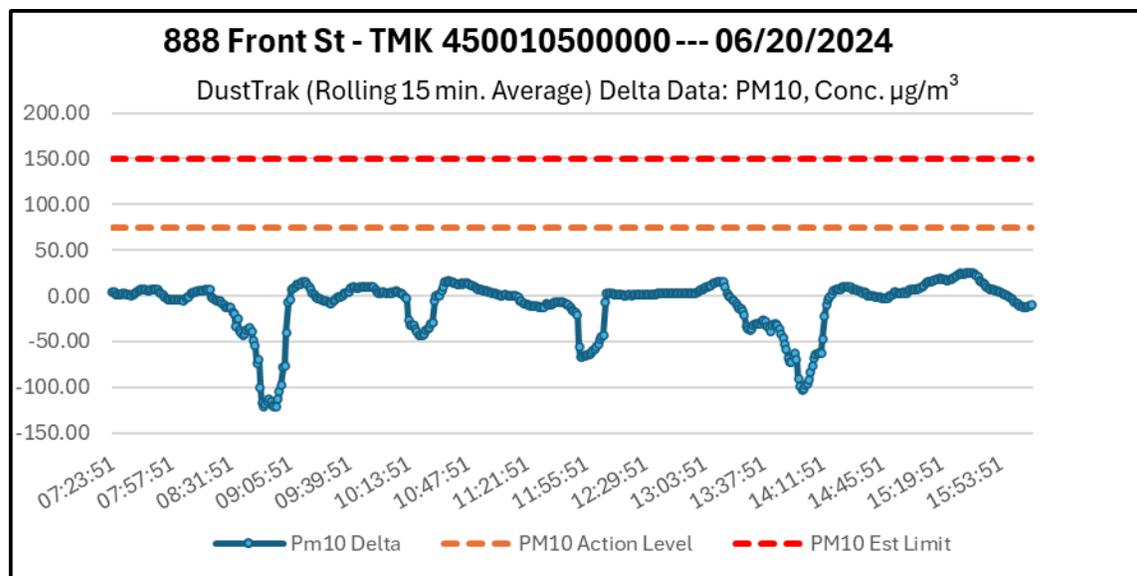
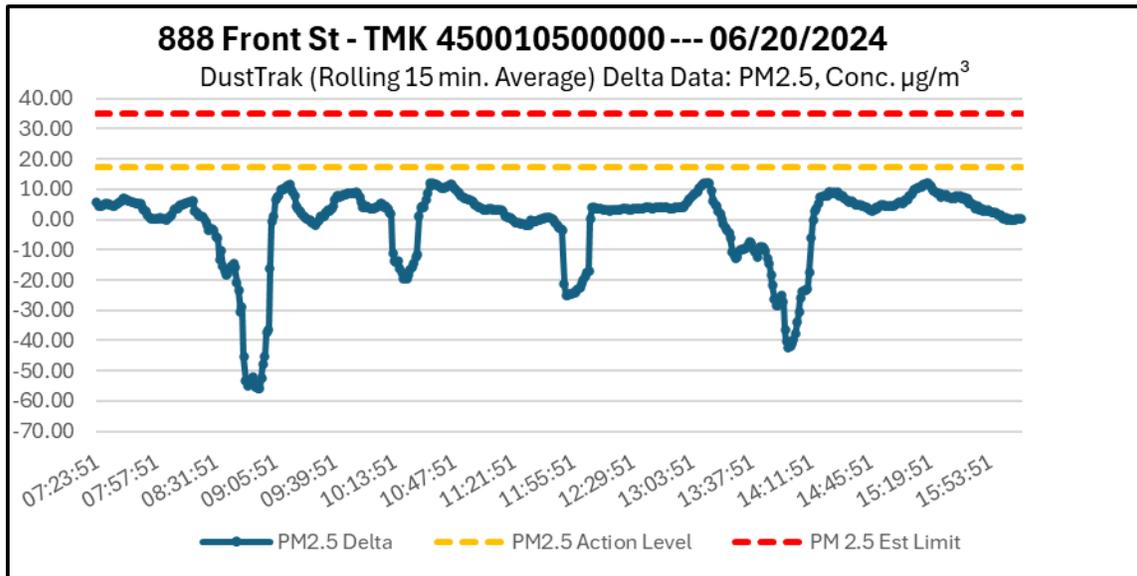


Attached: Daily Dust Monitoring Charts











June 22, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 21, 2024, DustTrak Realtime dust monitoring on 4 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 612 Front Street TMK 460080480000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

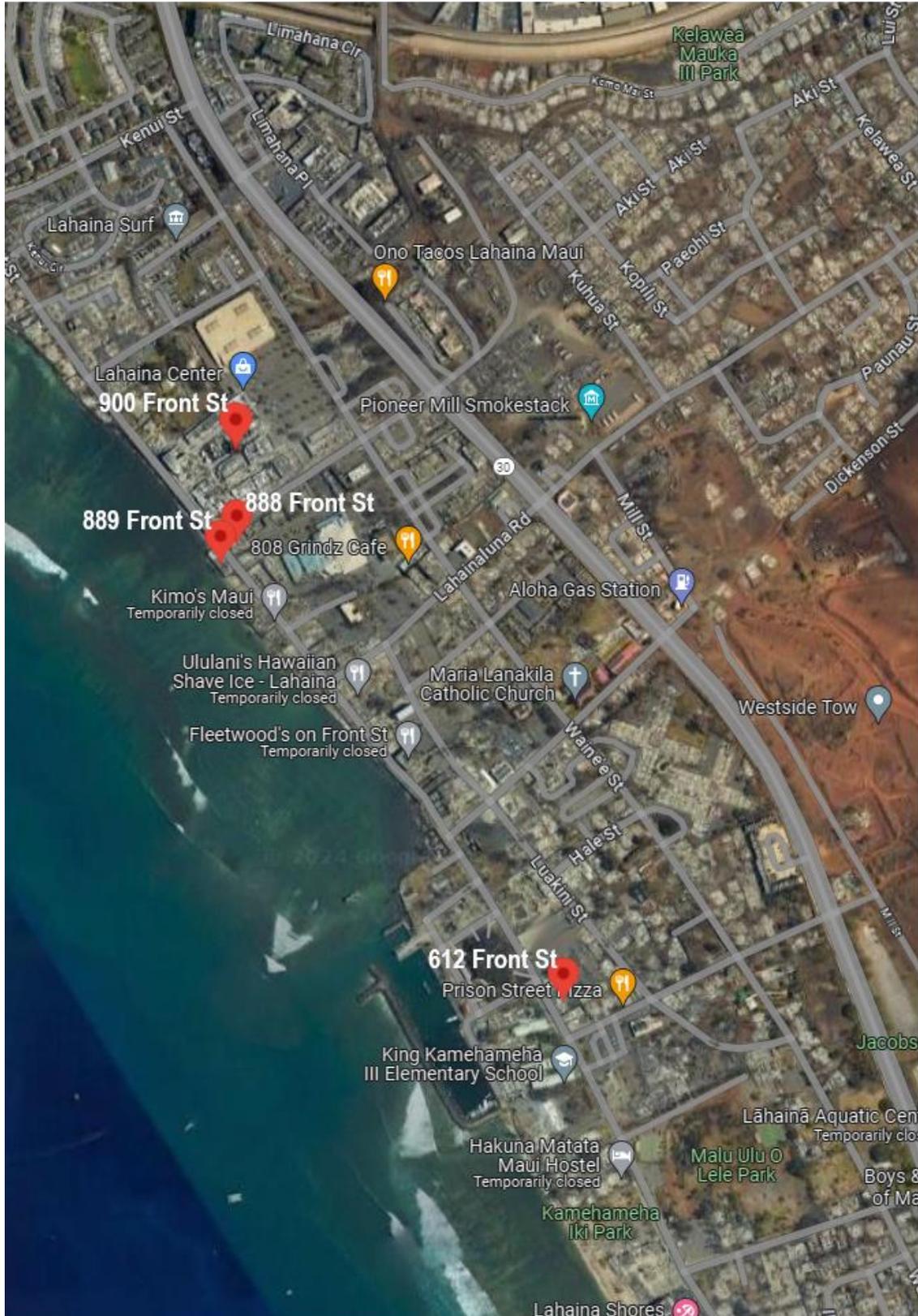
Task Force 5 - 888 Front St TMK 450010500000

Property 4:

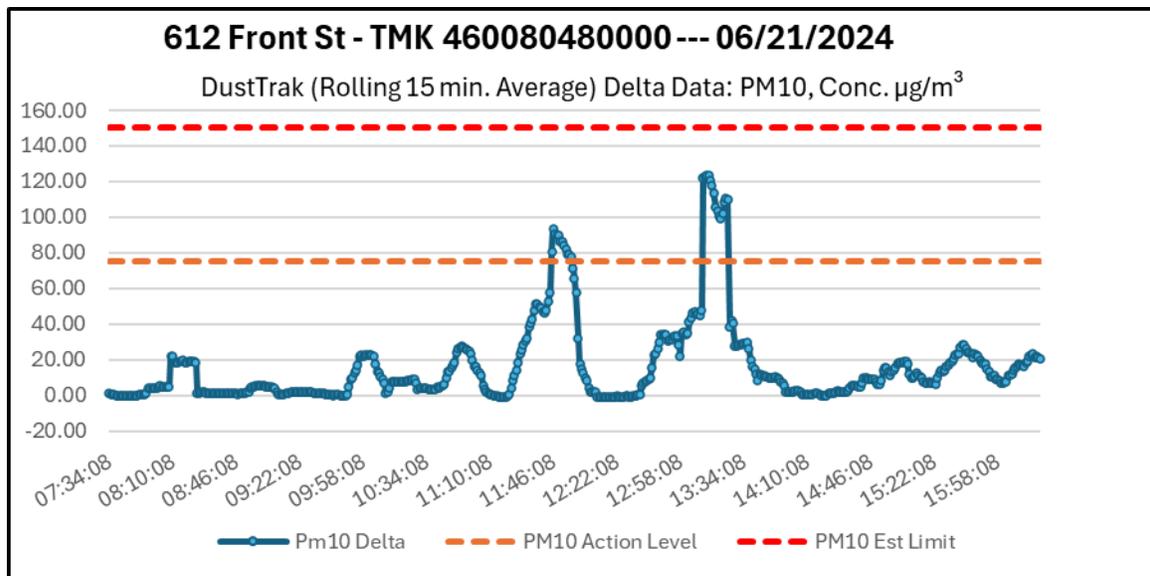
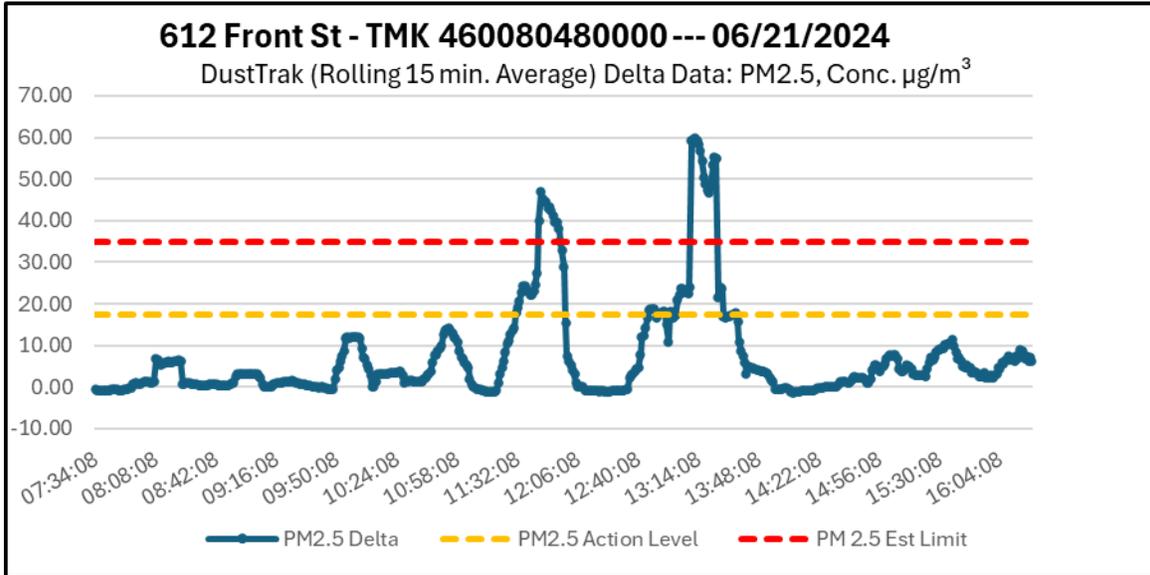
Task Force 4 - 889 Front St TMK 450010090000

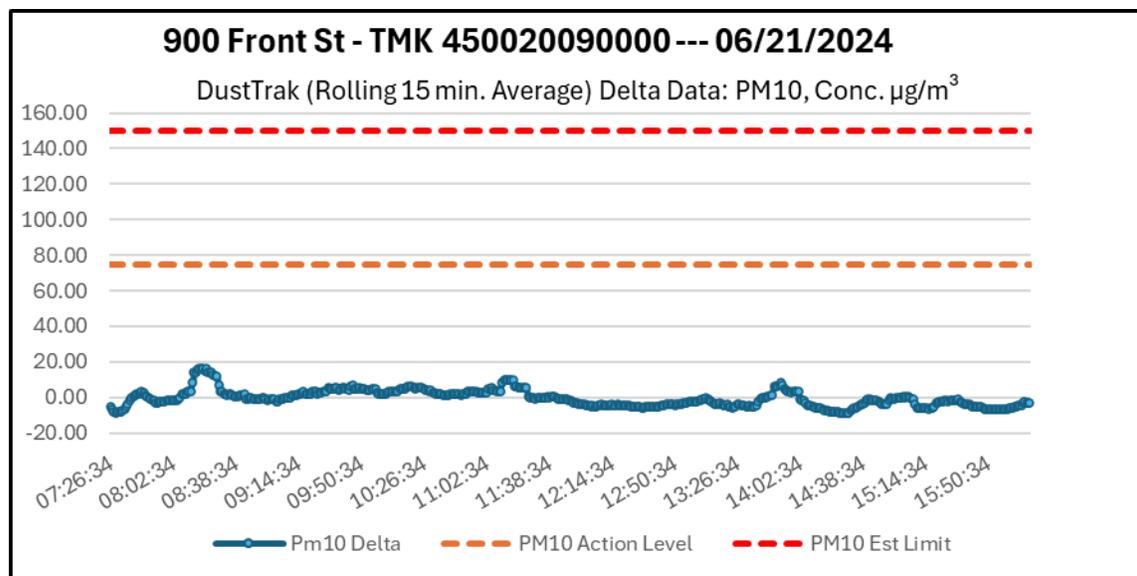
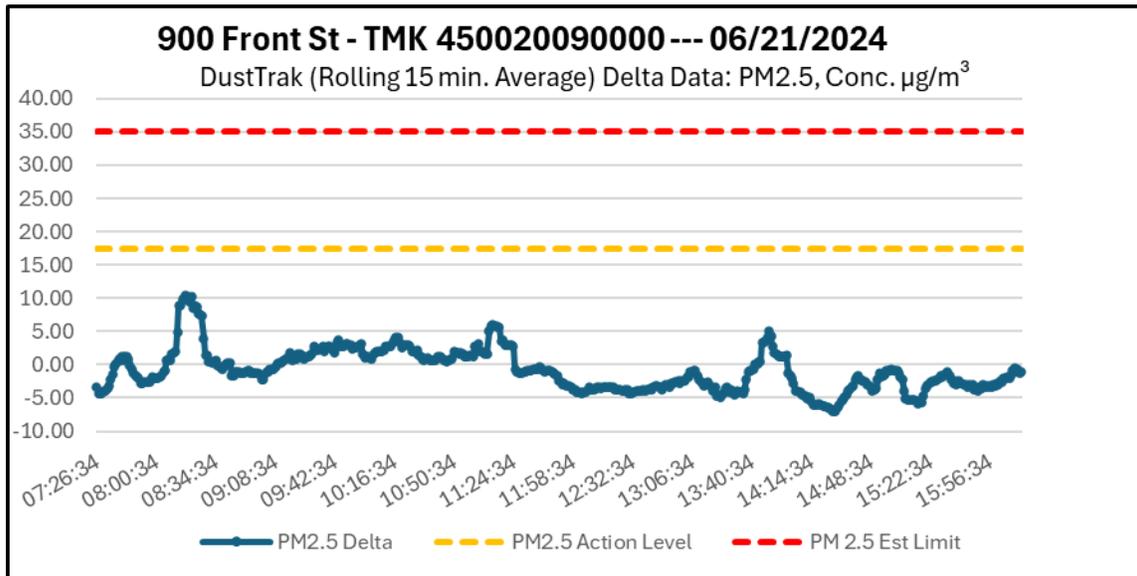
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
612 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	7.10	70	35
612 Front	PM 10 $\mu\text{g}/\text{m}^3$	15.88	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.89	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-0.51	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.79	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	-3.07	300	150
889 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	5.34	70	35
889 Front	PM 10 $\mu\text{g}/\text{m}^3$	6.35	300	150

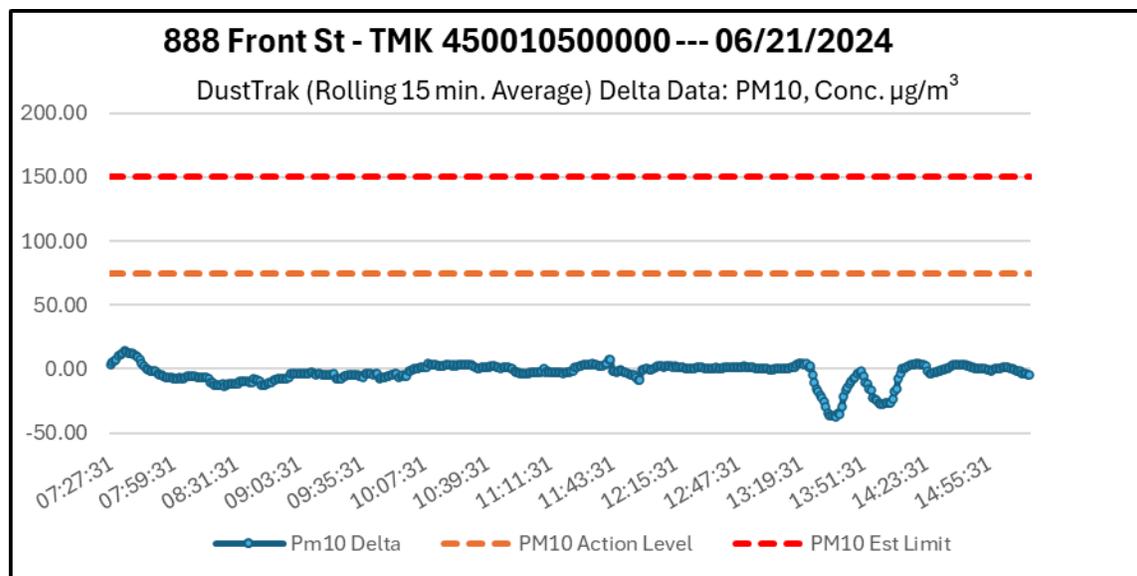
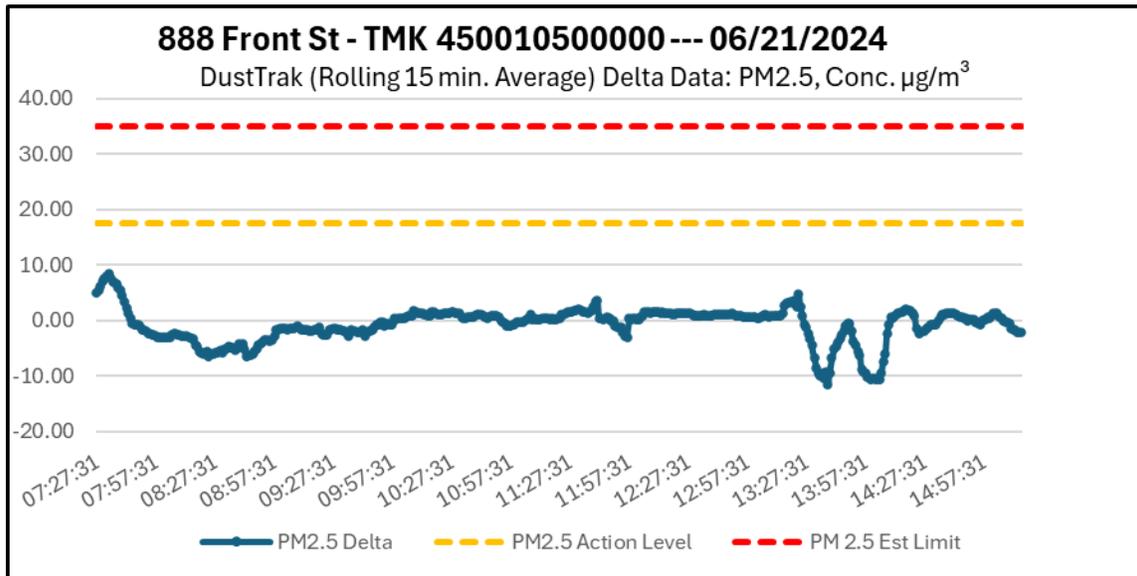
Property Locations:

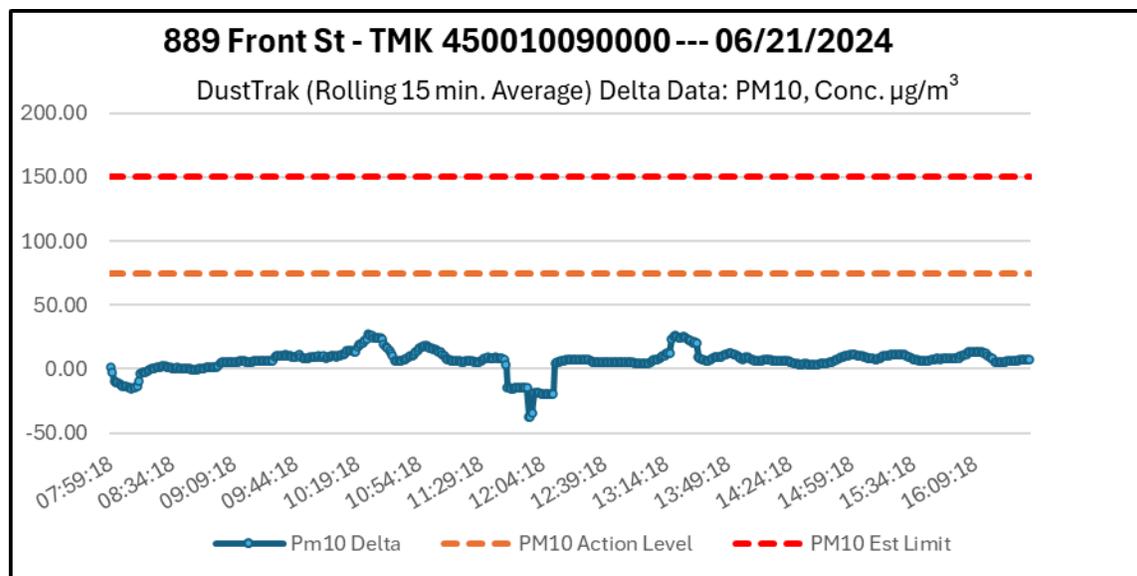
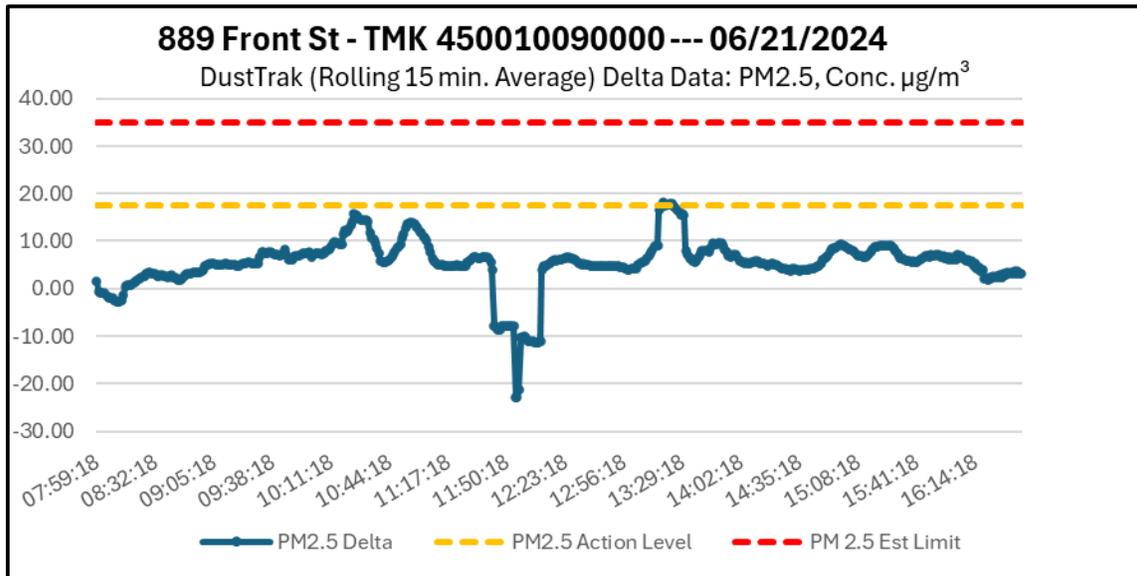


Attached: Daily Dust Monitoring Charts











June 23, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 22, 2024, DustTrak Realtime dust monitoring on 7 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 612 Front Street TMK 460080480000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

Task Force 4 - 889 Front St TMK 450010090000

Property 4:

Task Force 4 - 888 Front St TMK 450010500000

Property 5:

Task Force 5 - 240 Papalua St TMK 450060140000

Property 6:

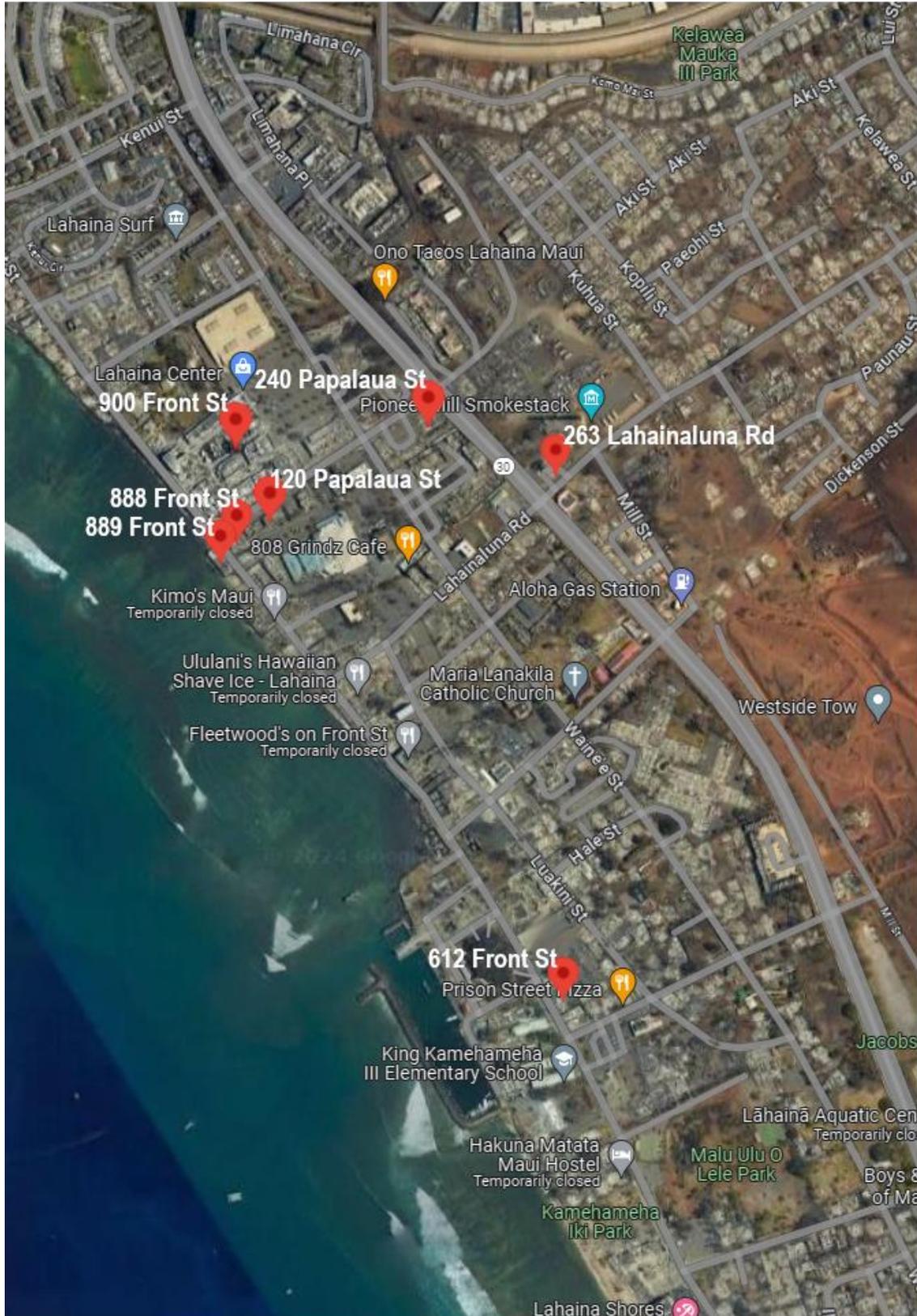
Task Force 5 - 263 Lahainaluna Rd TMK 450090010000

Property 7:

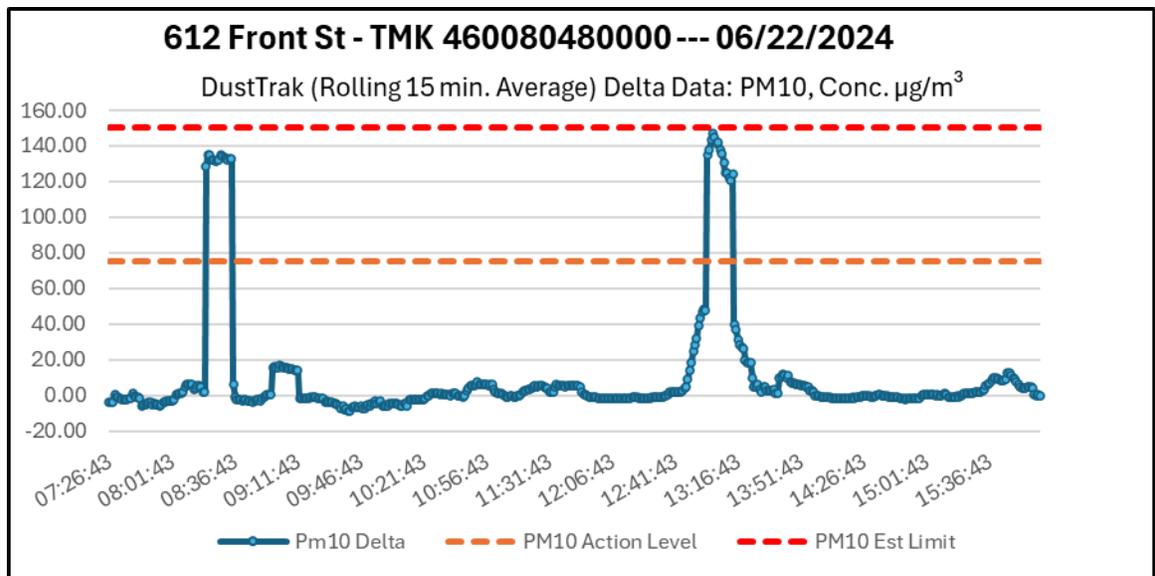
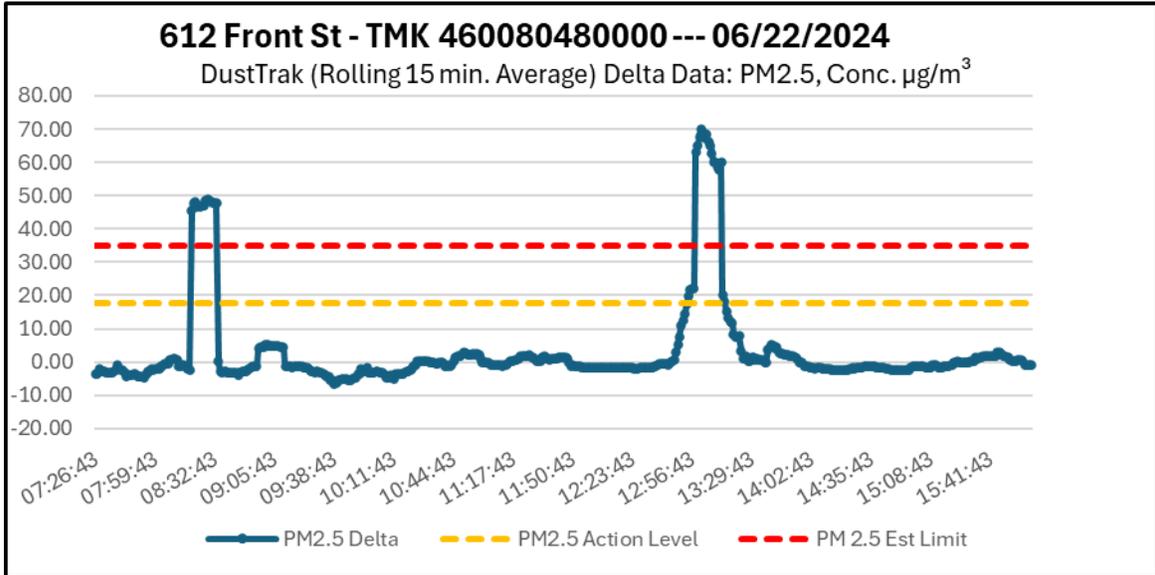
Task Force 5 - 120 Papalaua St TMK 450010440000

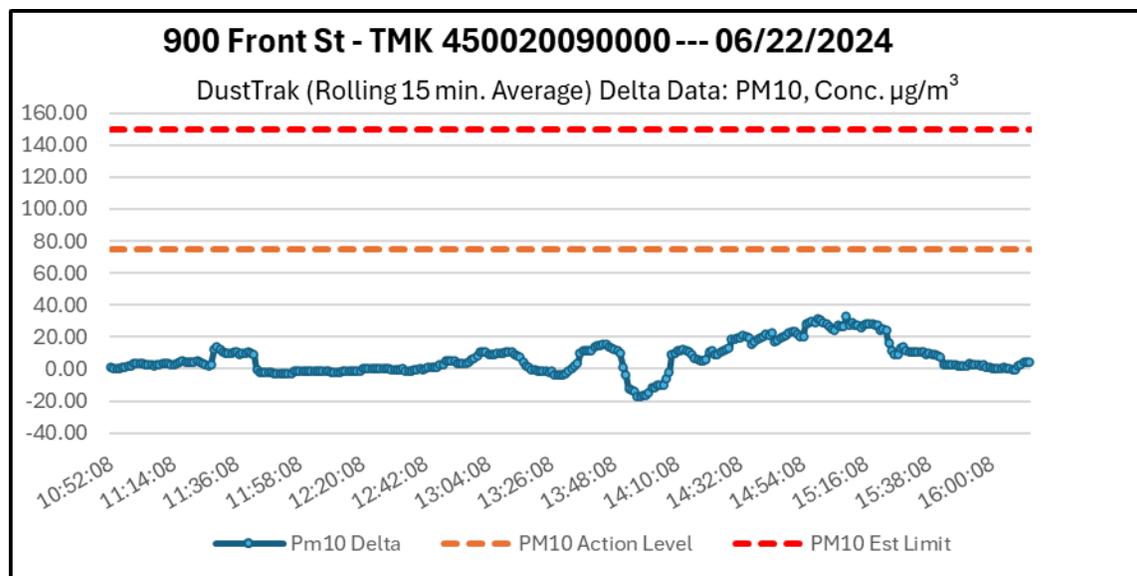
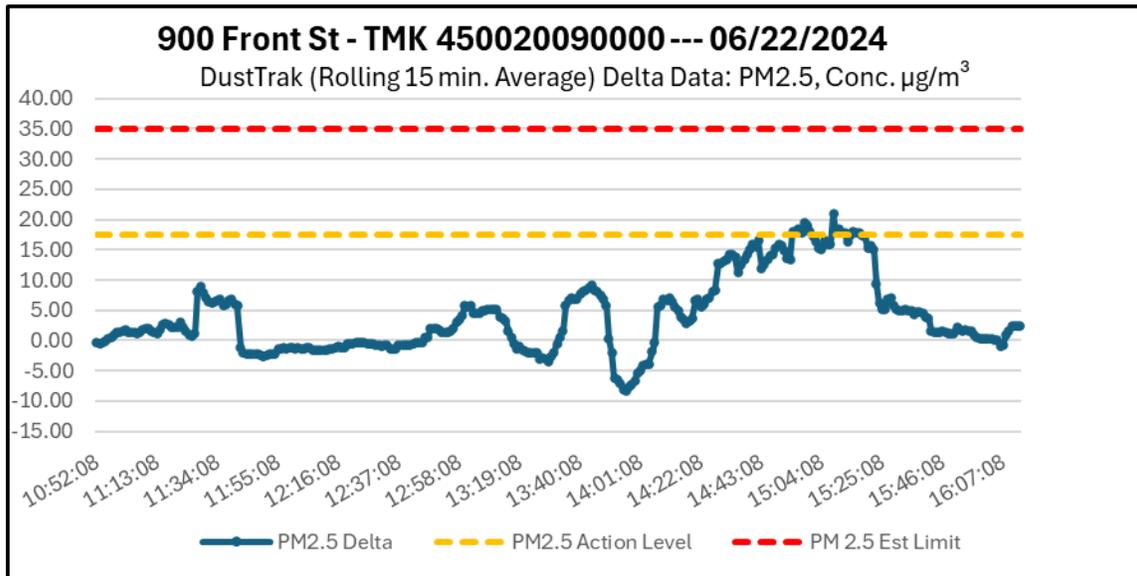
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
612 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	2.80	70	35
612 Front	PM 10 $\mu\text{g}/\text{m}^3$	9.38	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	3.90	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	6.63	300	150
889 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-10.77	70	35
889 Front	PM 10 $\mu\text{g}/\text{m}^3$	-10.38	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-7.82	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	-8.11	300	150
240 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	-7.41	70	35
240 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	-18.59	300	150
263 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	-6.64	70	35
263 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	-18.72	300	150
120 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	0.58	70	35
120 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	0.45	300	150

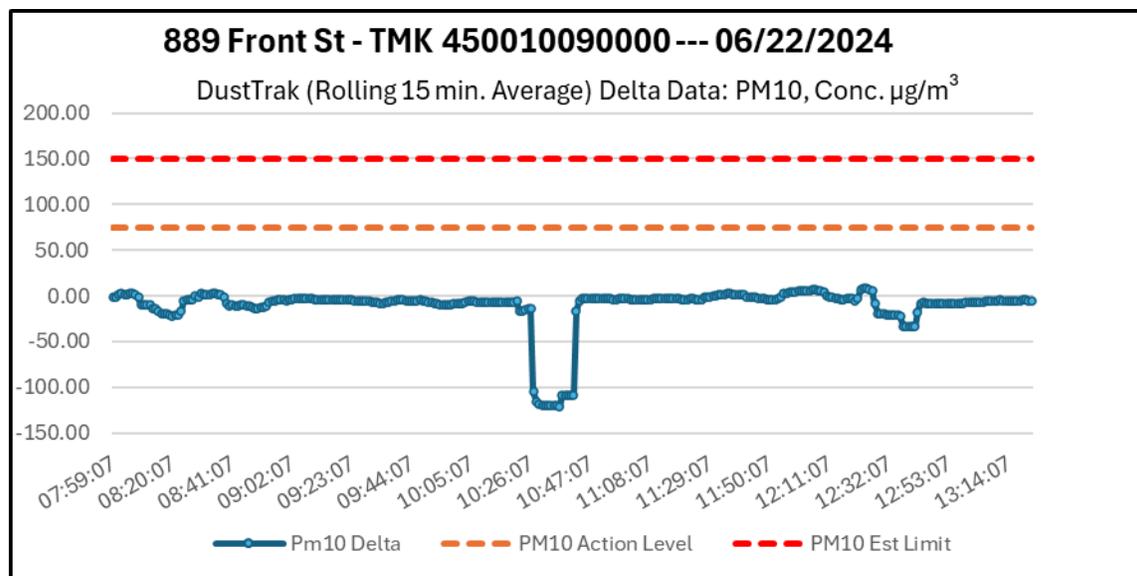
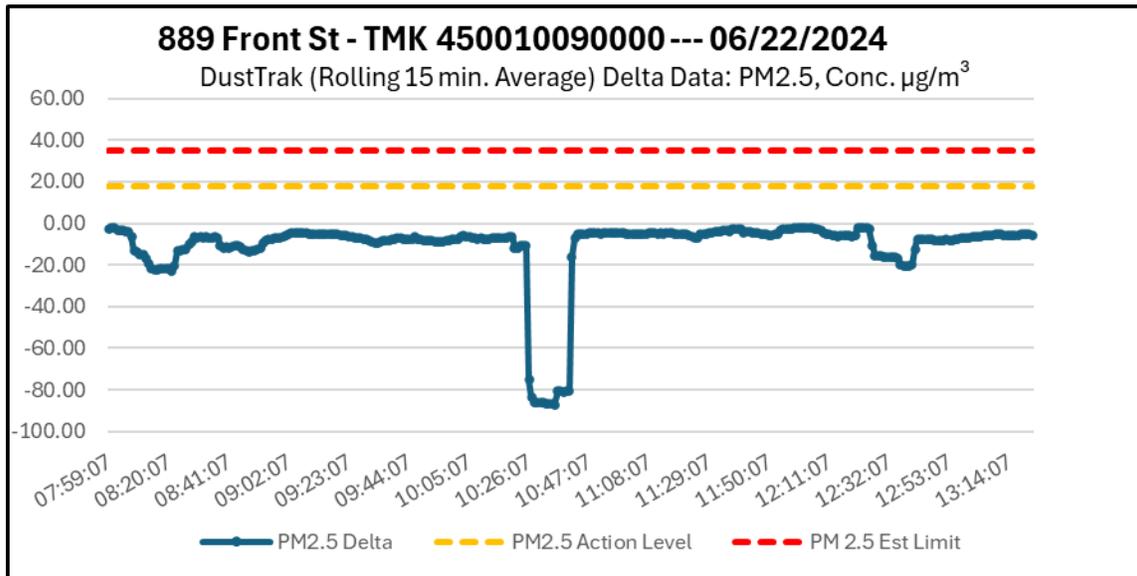
Property Locations:

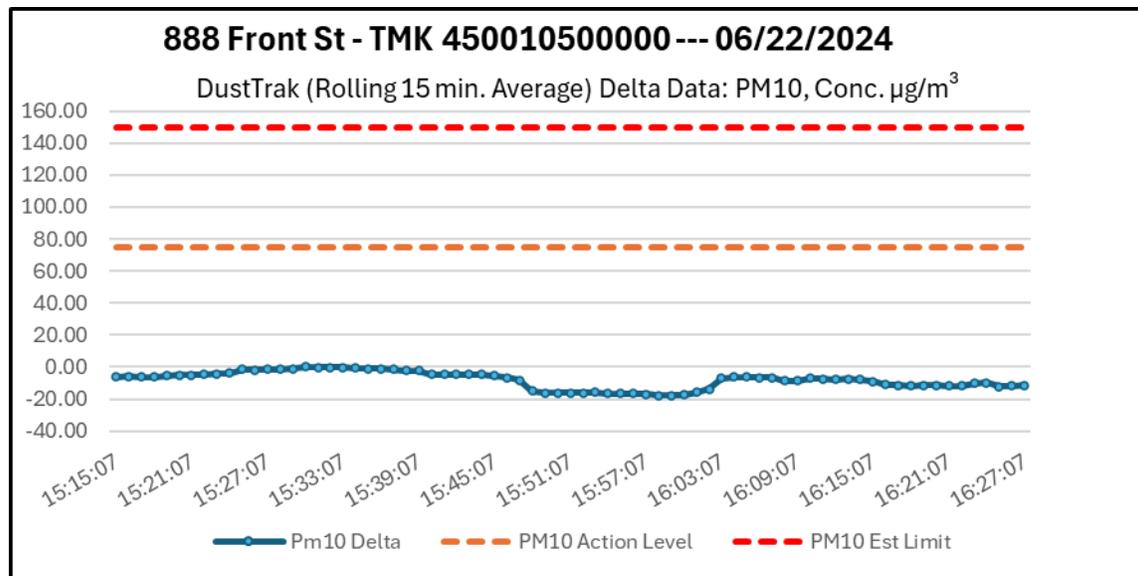
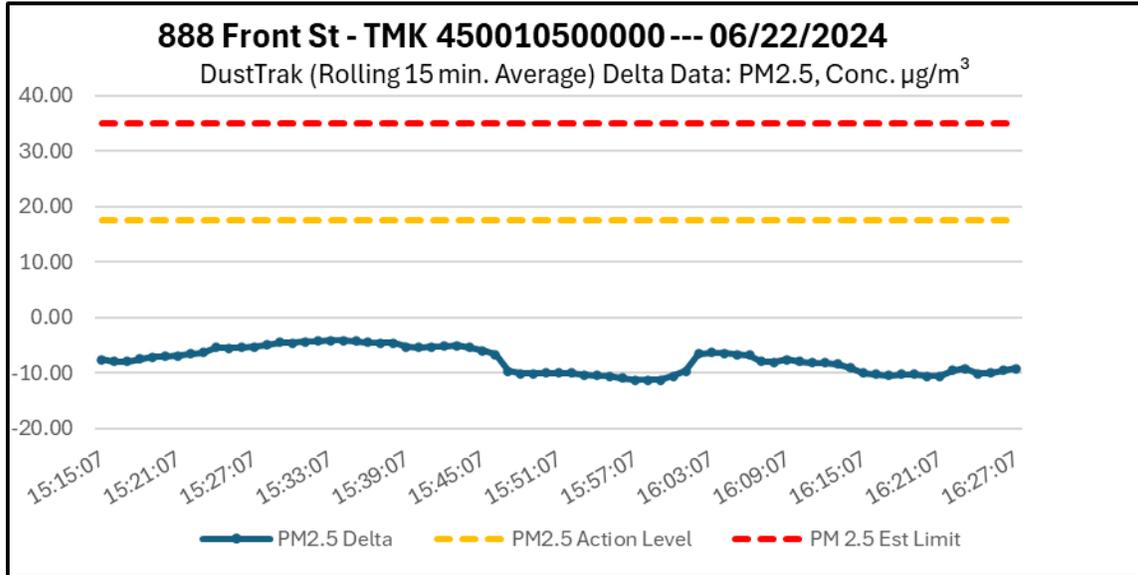


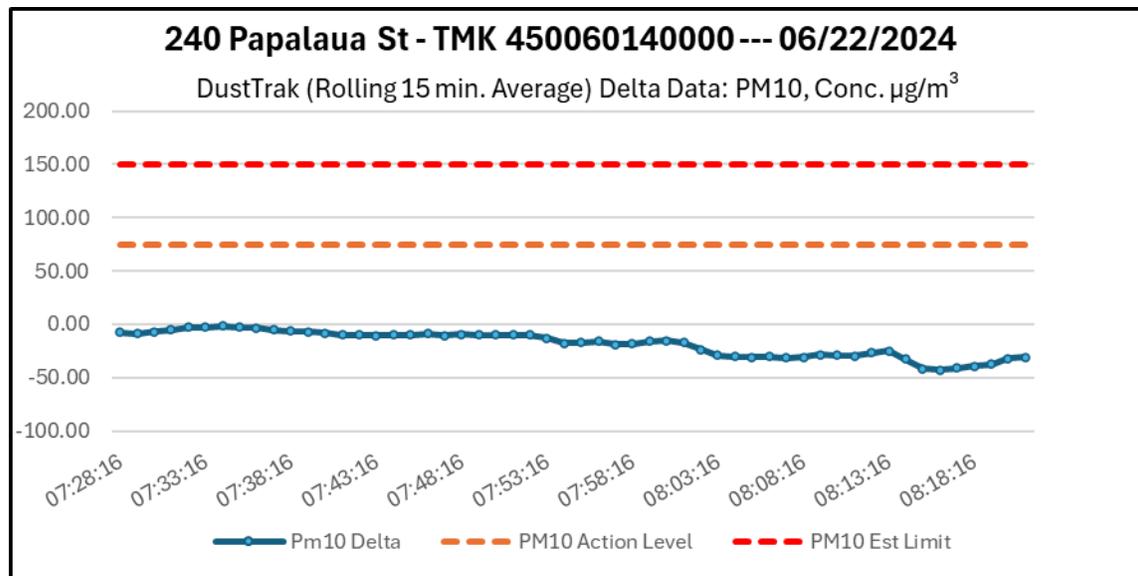
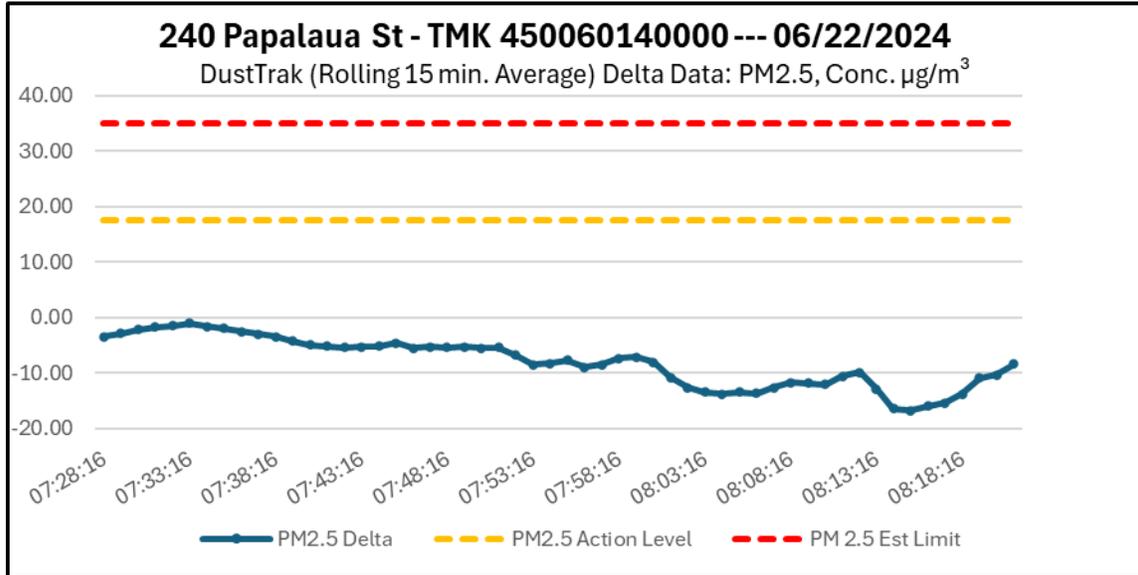
Attached: Daily Dust Monitoring Charts

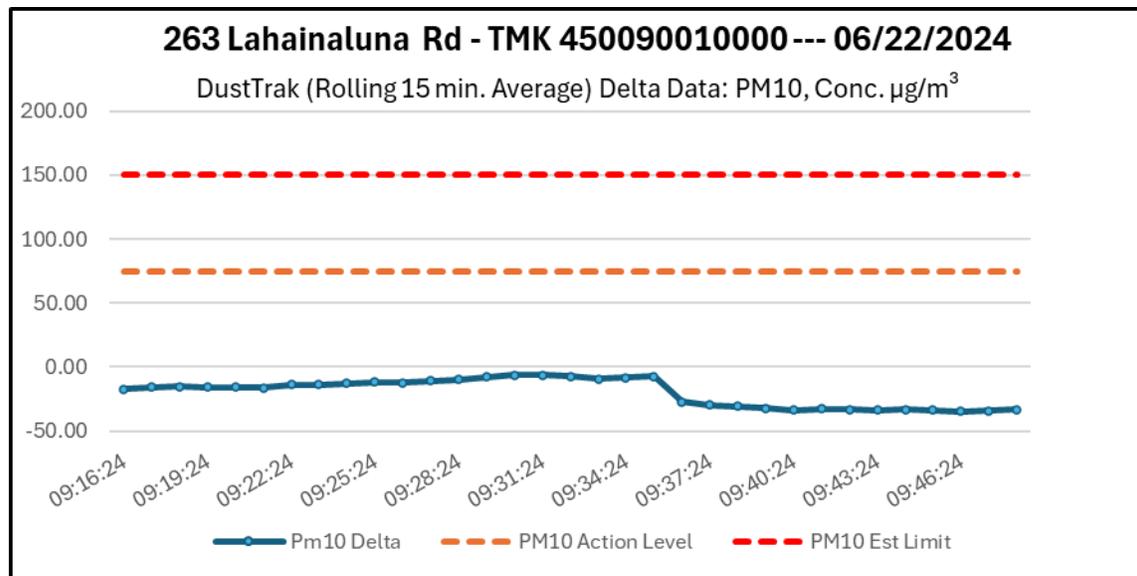
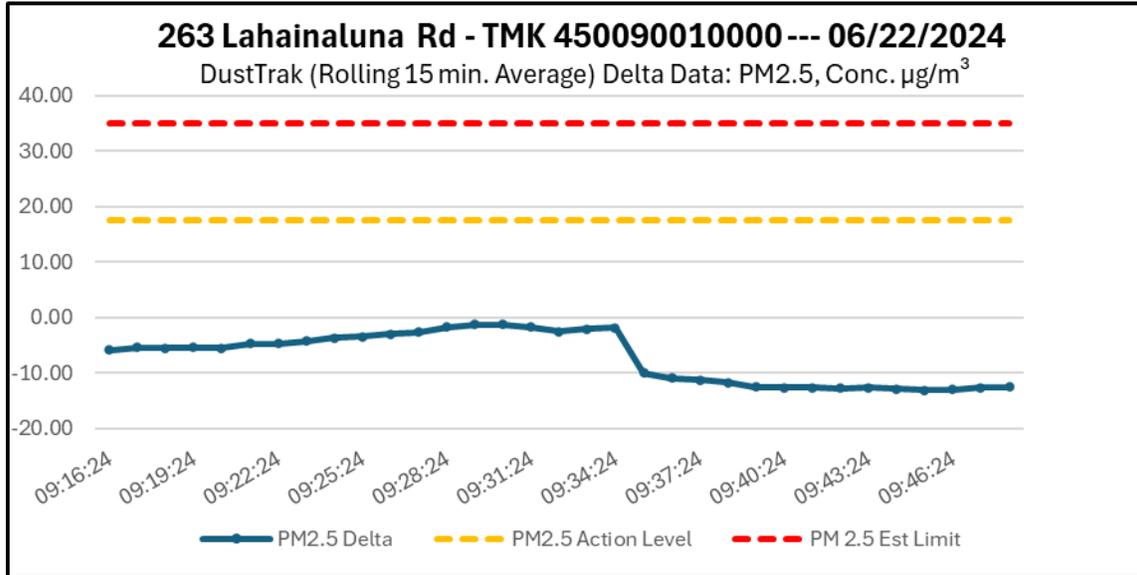


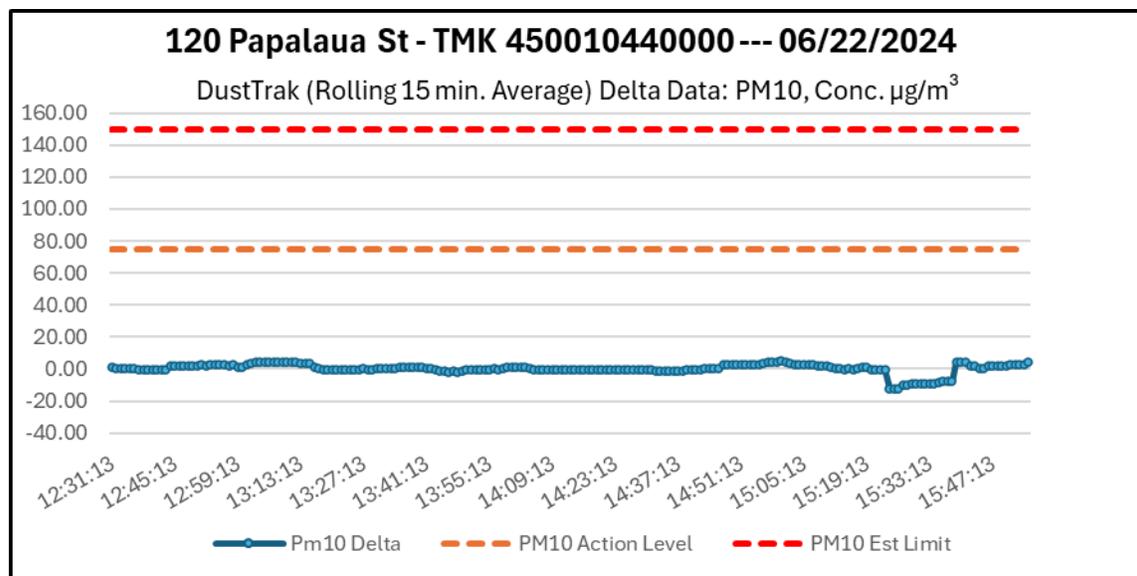
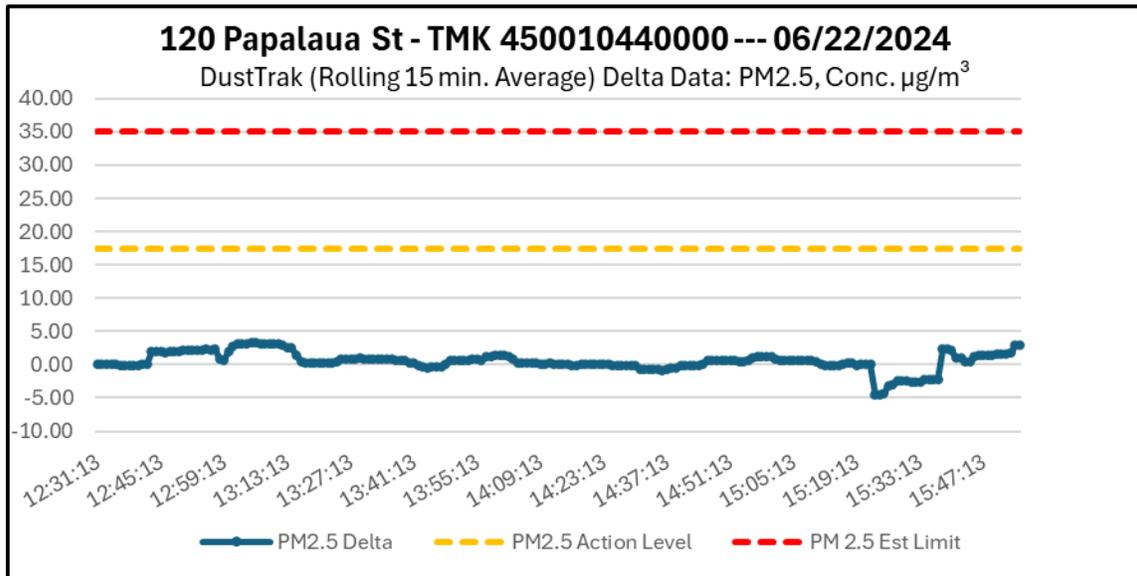














June 24, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 23, 2024, DustTrak Realtime dust monitoring on 4 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 712 Waine'e St 460100010000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

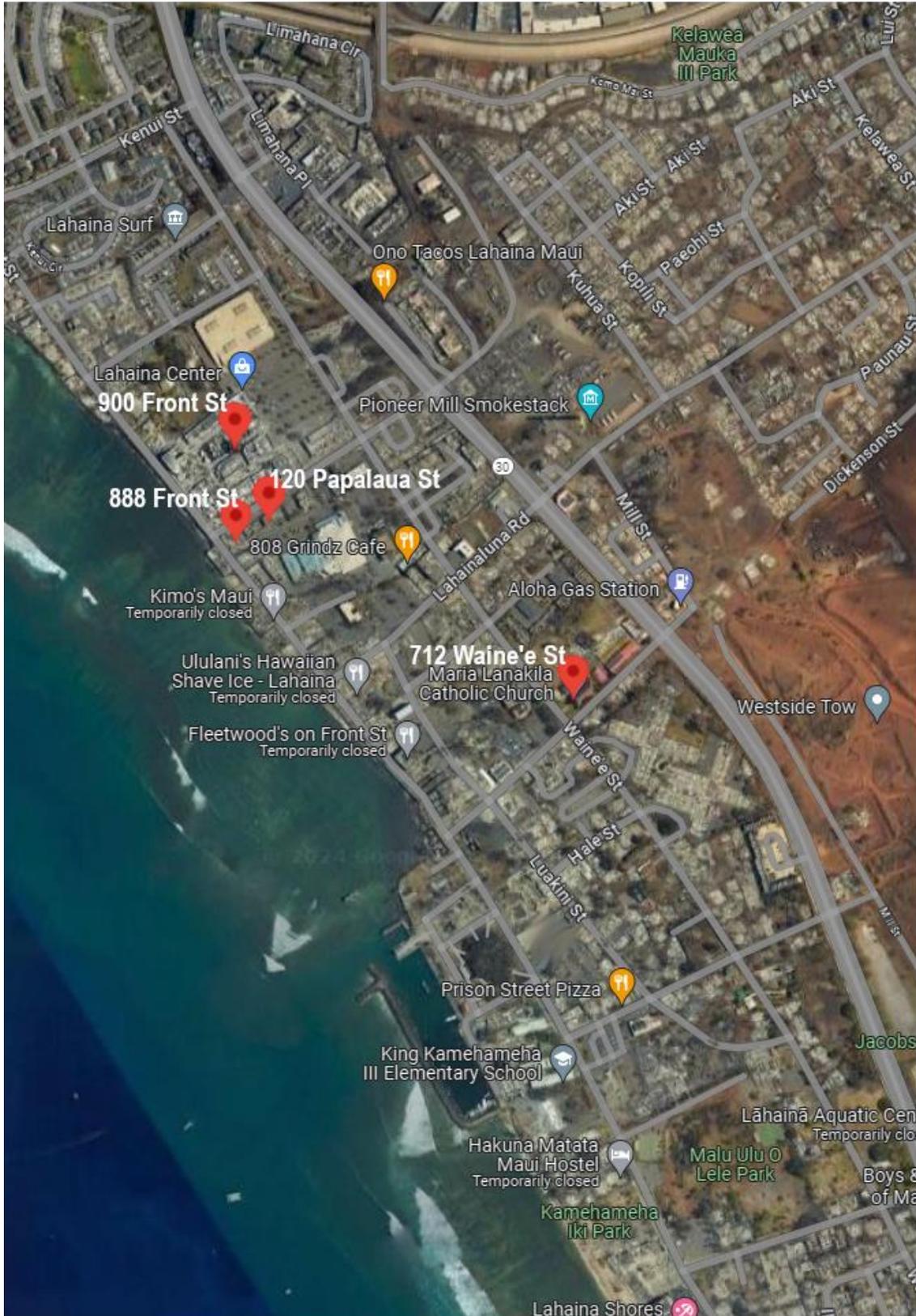
Task Force 4 - 888 Front St TMK 450010500000

Property 4:

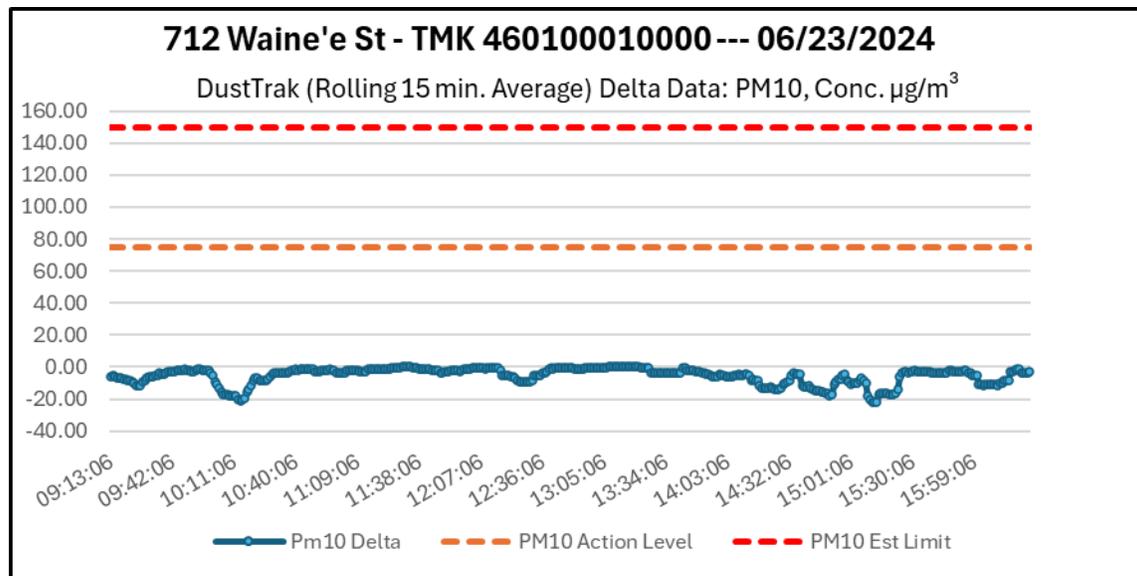
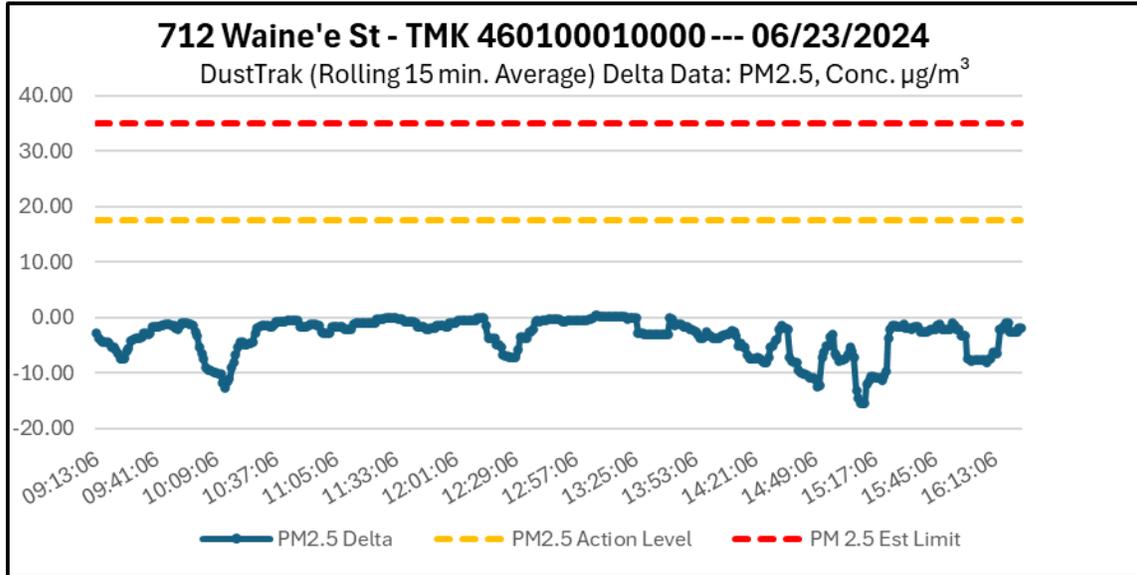
Task Force 5 - 120 Papalua St TMK 450010440000

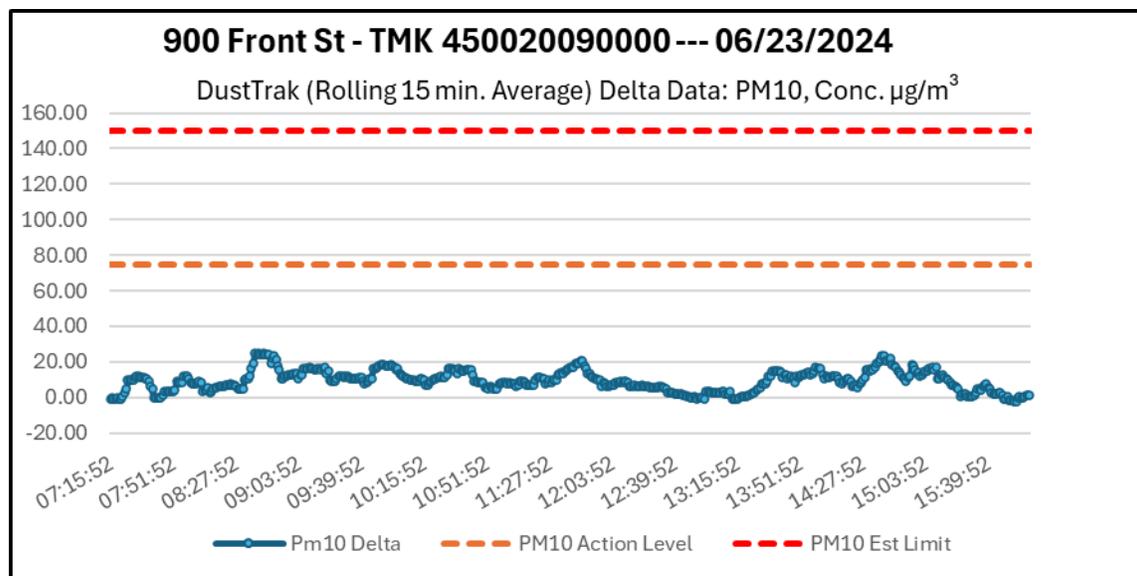
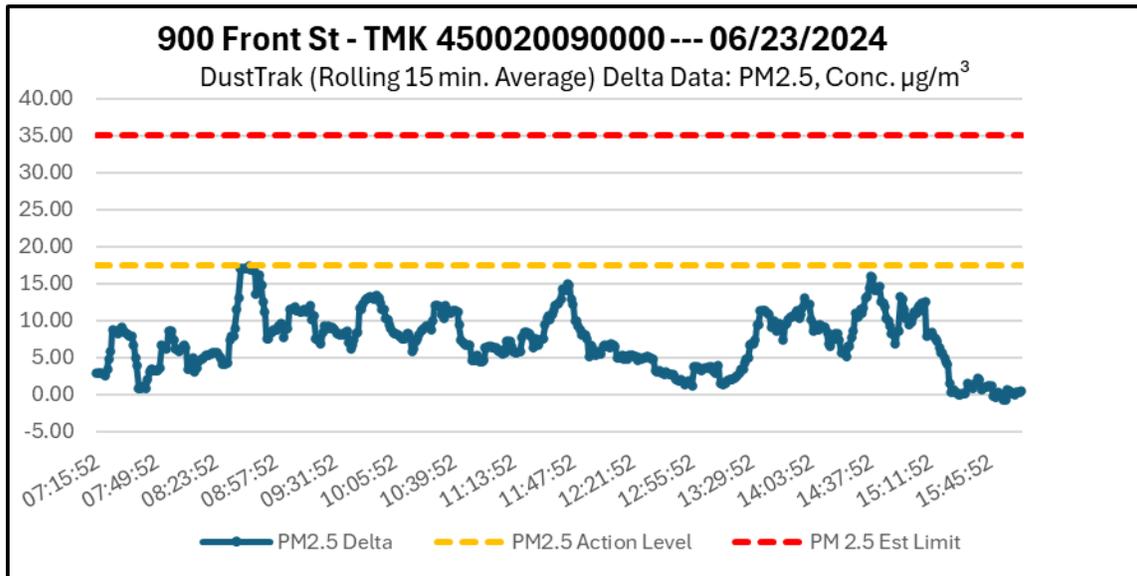
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
712 Waine'e	PM 2.5 $\mu\text{g}/\text{m}^3$	-3.44	70	35
712 Waine'e	PM 10 $\mu\text{g}/\text{m}^3$	-5.38	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	7.09	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	9.17	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	22.44	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	28.58	300	150
120 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	5.88	70	35
120 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	5.51	300	150

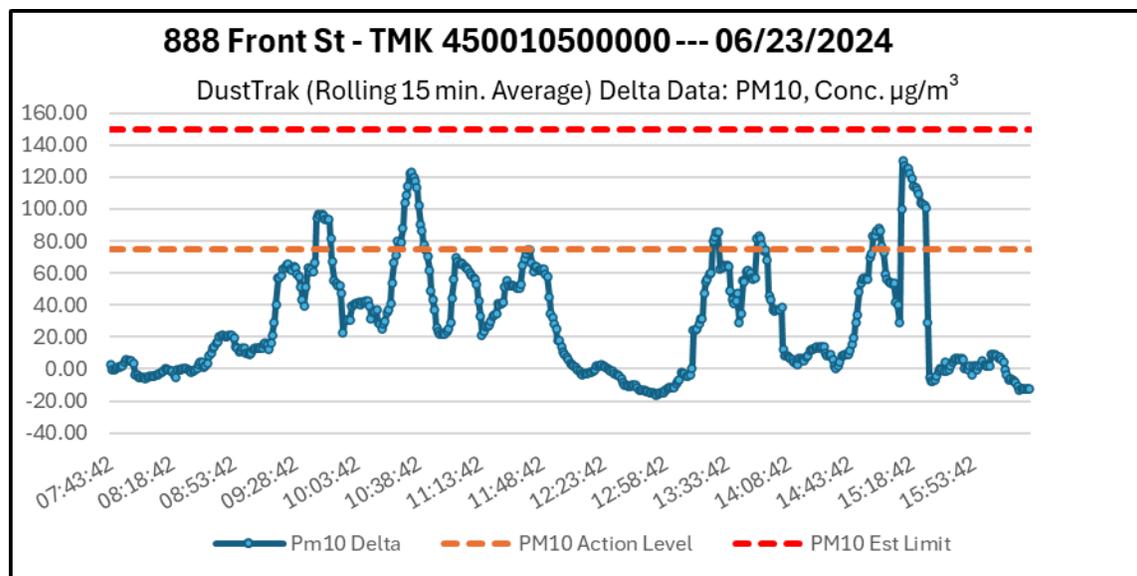
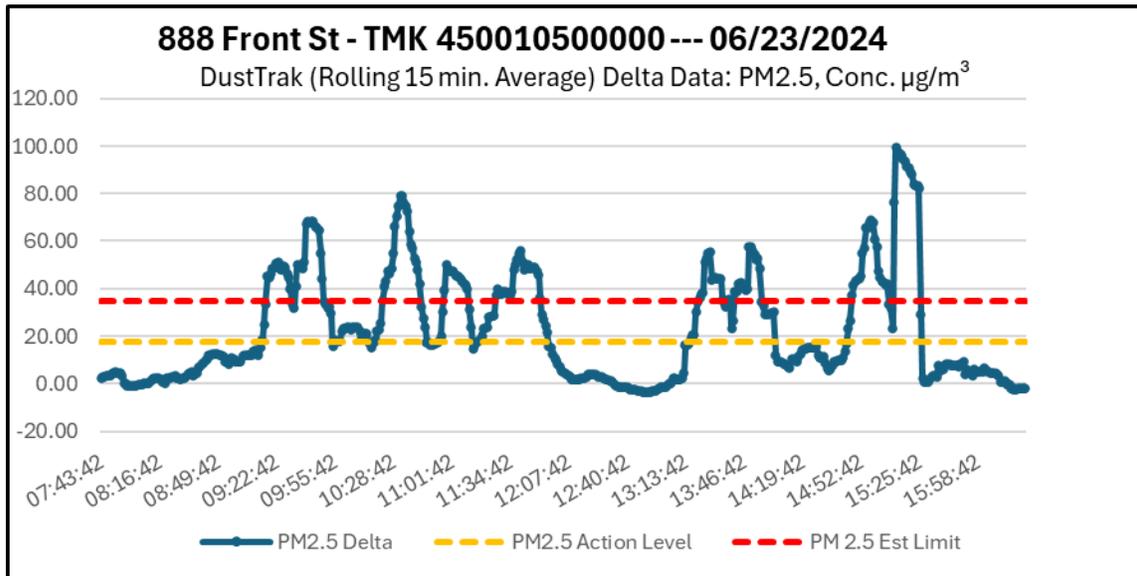
Property Locations:

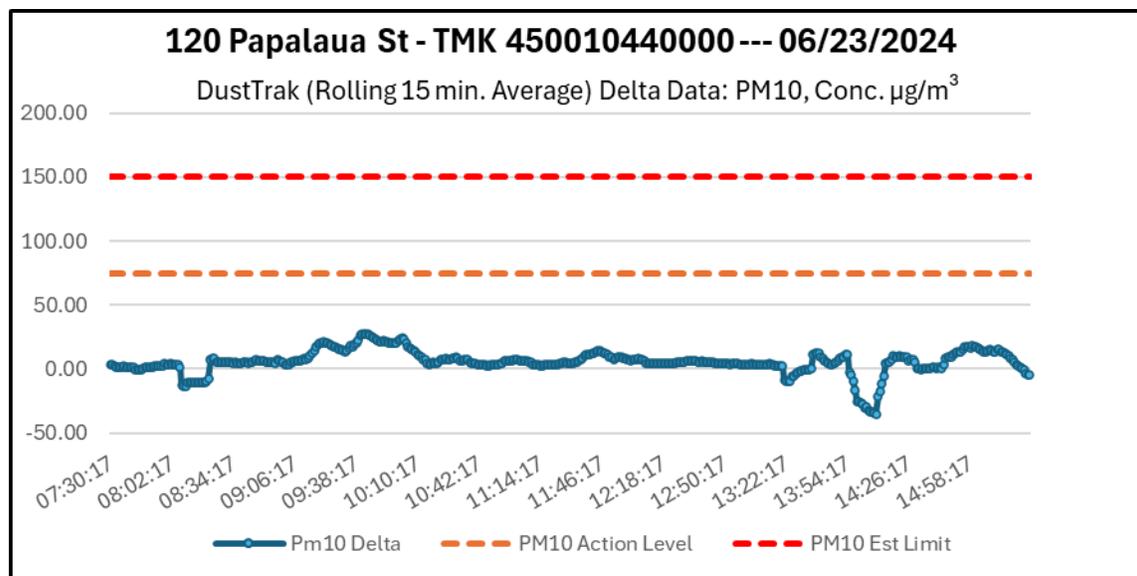
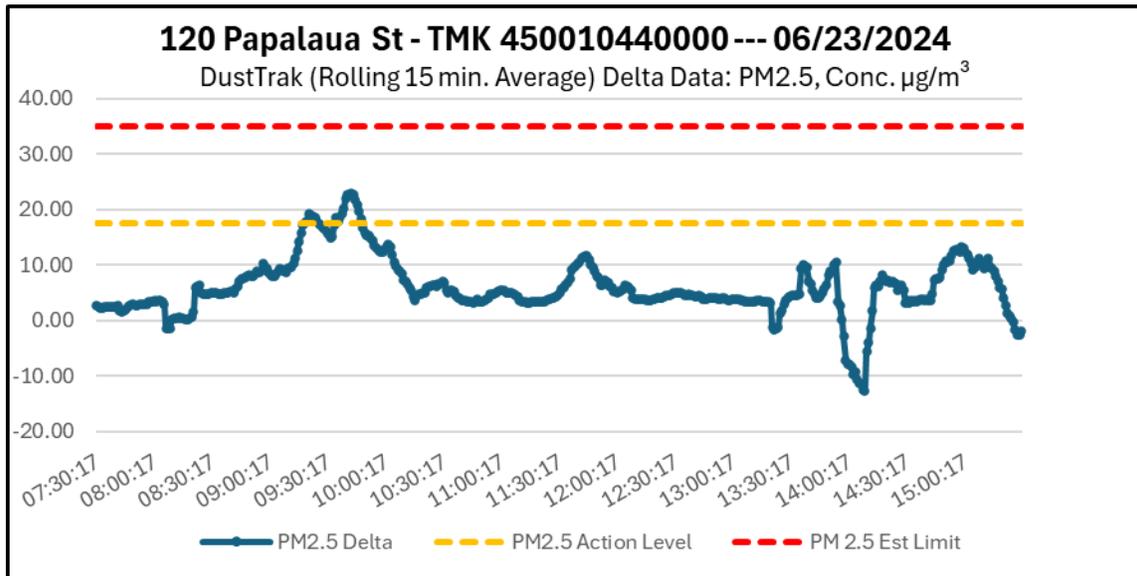


Attached: Daily Dust Monitoring Charts











June 26, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative
Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 25, 2024, DustTrak Realtime dust monitoring on 6 properties:

Two properties exceeded established limits.

Property 1:

Task Force 2 - 712 Waine'e St 460100010000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

Task Force 4 - 888 Front St TMK 450010500000

Property 4:

Task Force 5 - 730 Front St TMK 460090560000

Property 5:

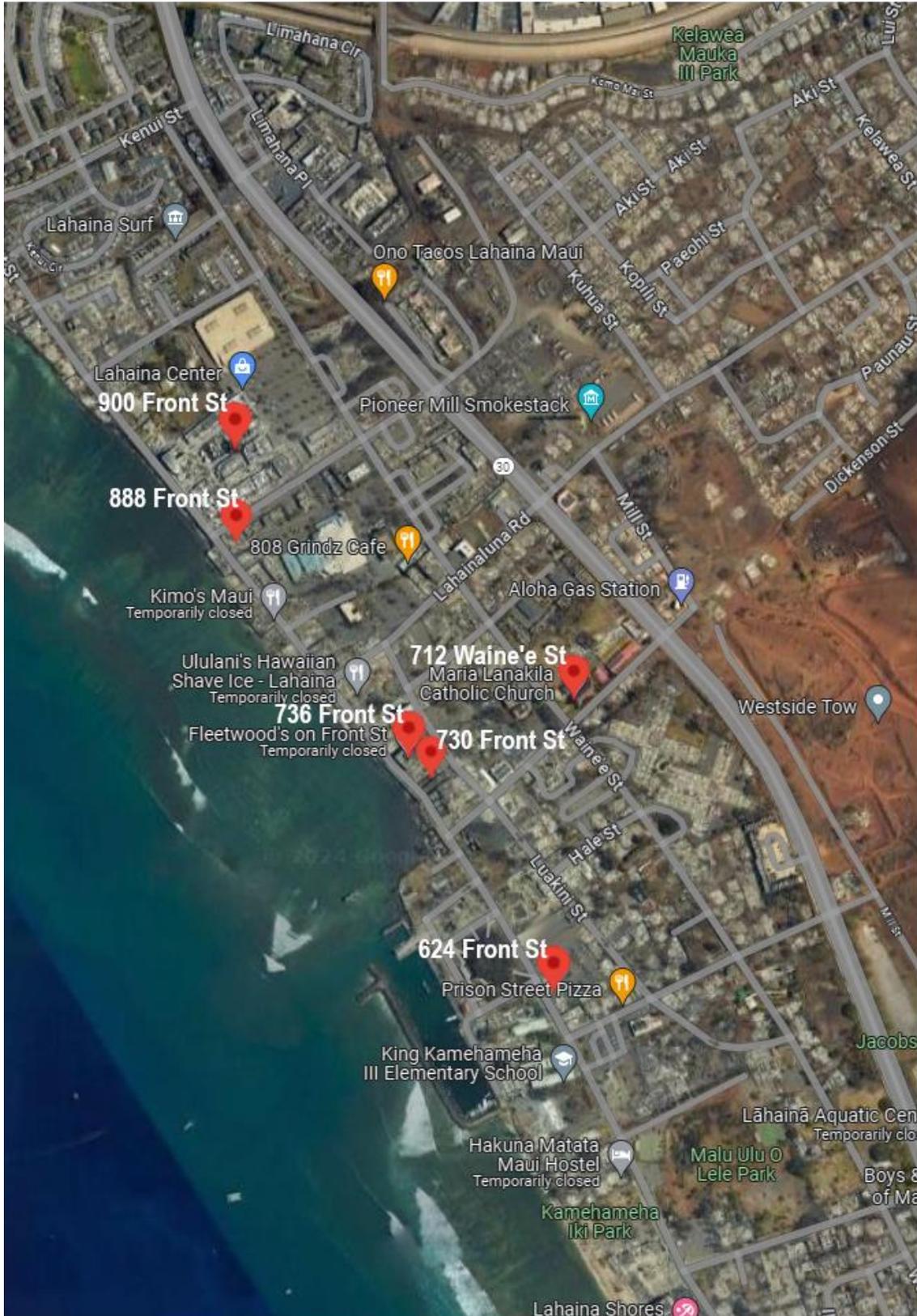
Task Force 5 - 736 Front St TMK 460090570000

Property 6:

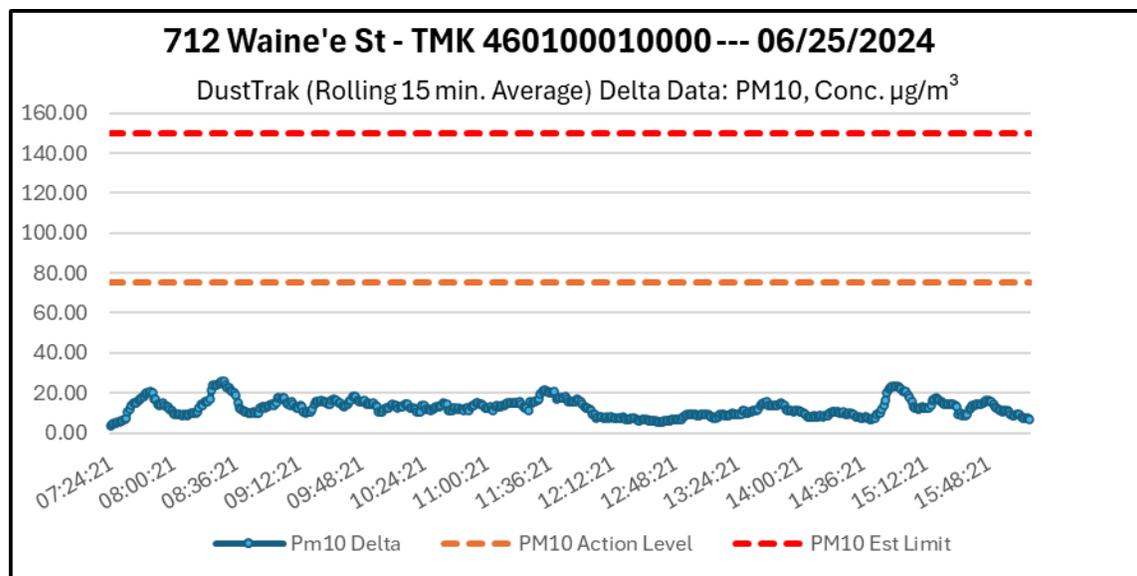
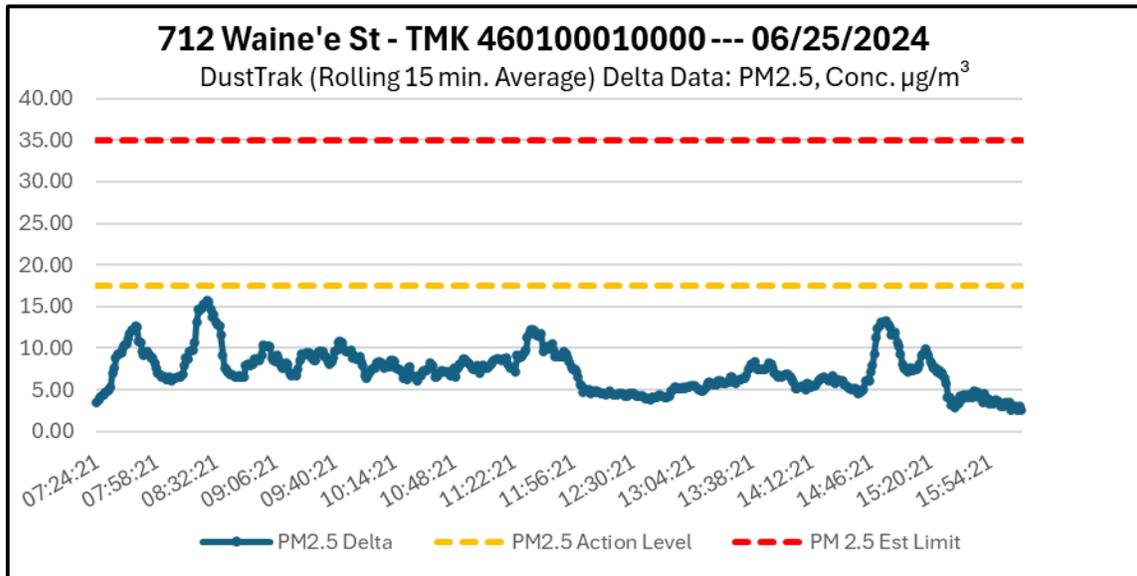
Task Force 5 - 624 Front St TMK 460080020000

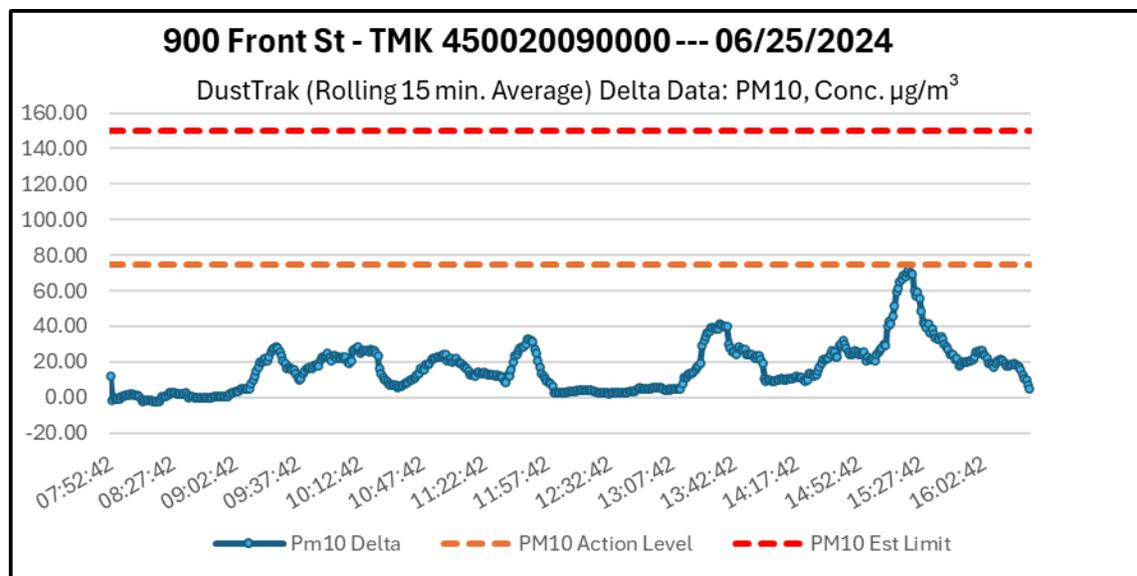
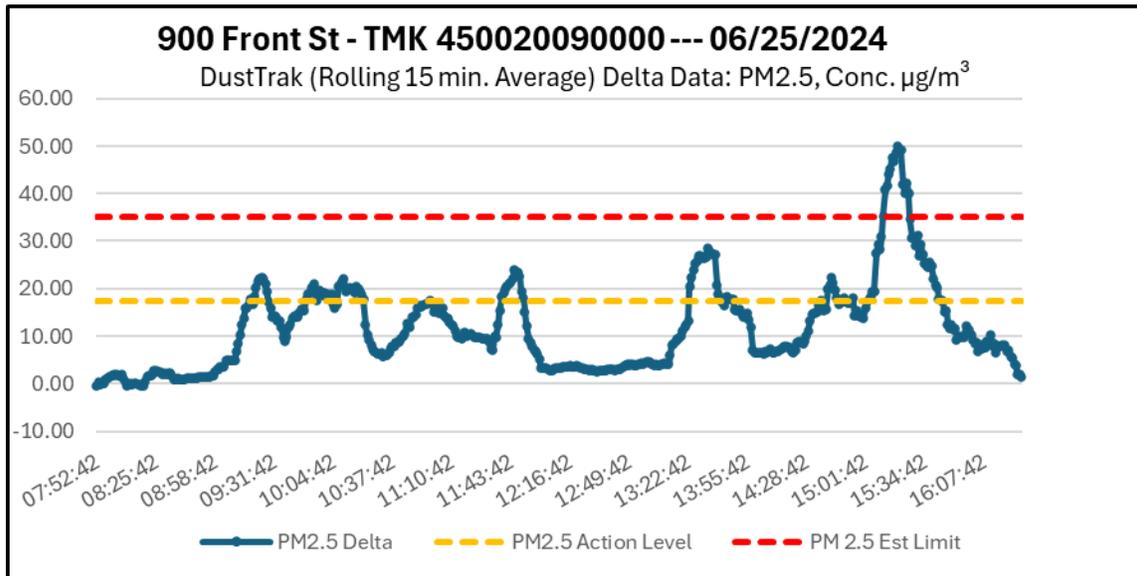
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
712 Waine'e	PM 2.5 $\mu\text{g}/\text{m}^3$	7.15	70	35
712 Waine'e	PM 10 $\mu\text{g}/\text{m}^3$	12.33	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	11.50	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	16.36	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	13.73	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	18.05	300	150
730-736 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-1.01	70	35
730-736 Front	PM 10 $\mu\text{g}/\text{m}^3$	-1.86	300	150
624 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	0.74	70	35
624 Front	PM 10 $\mu\text{g}/\text{m}^3$	0.58	300	150

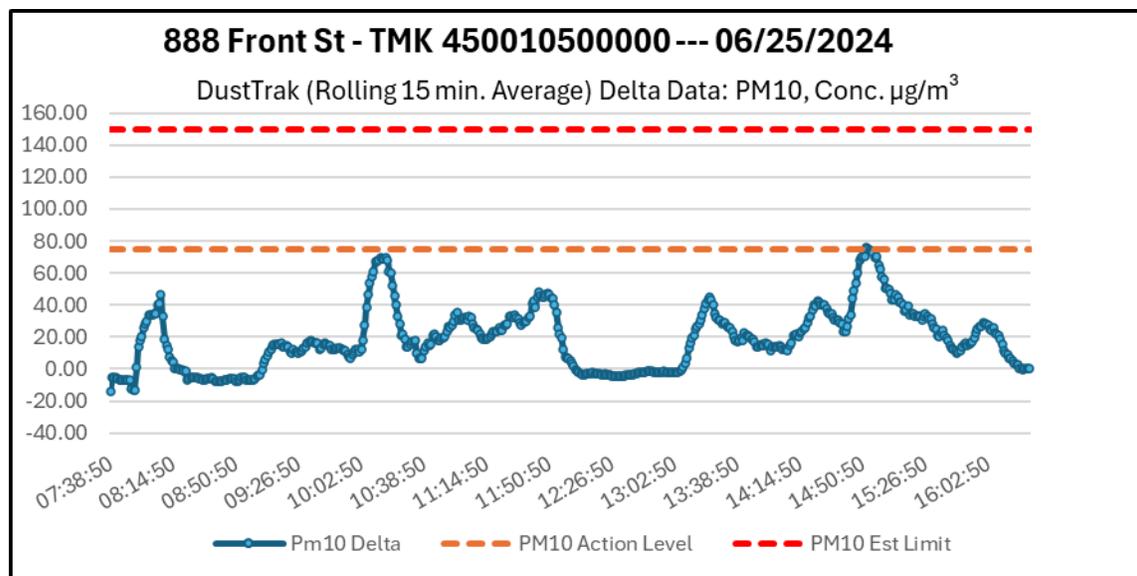
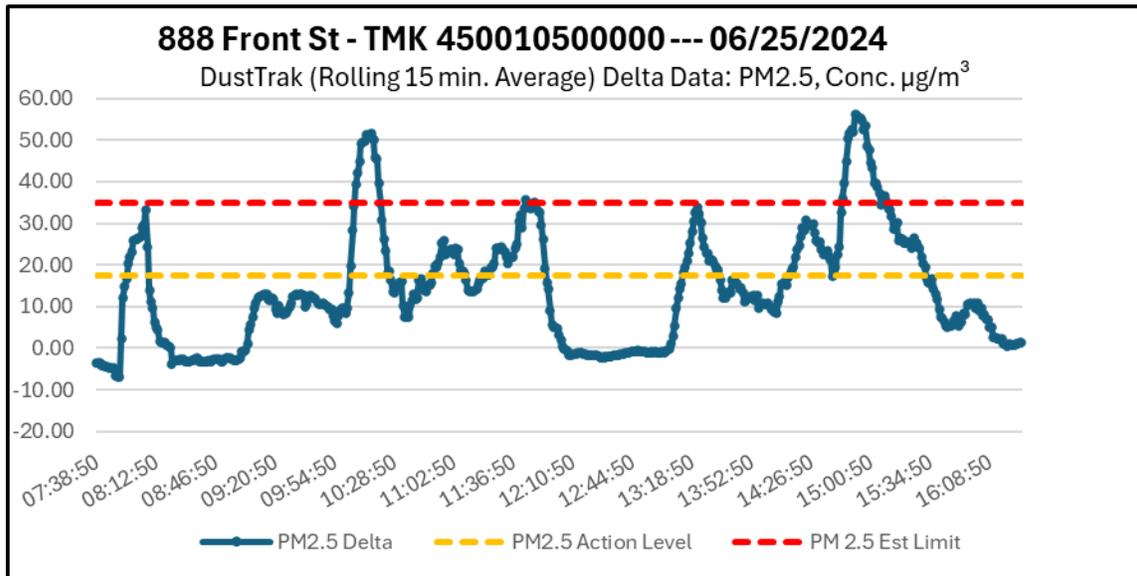
Property Locations:

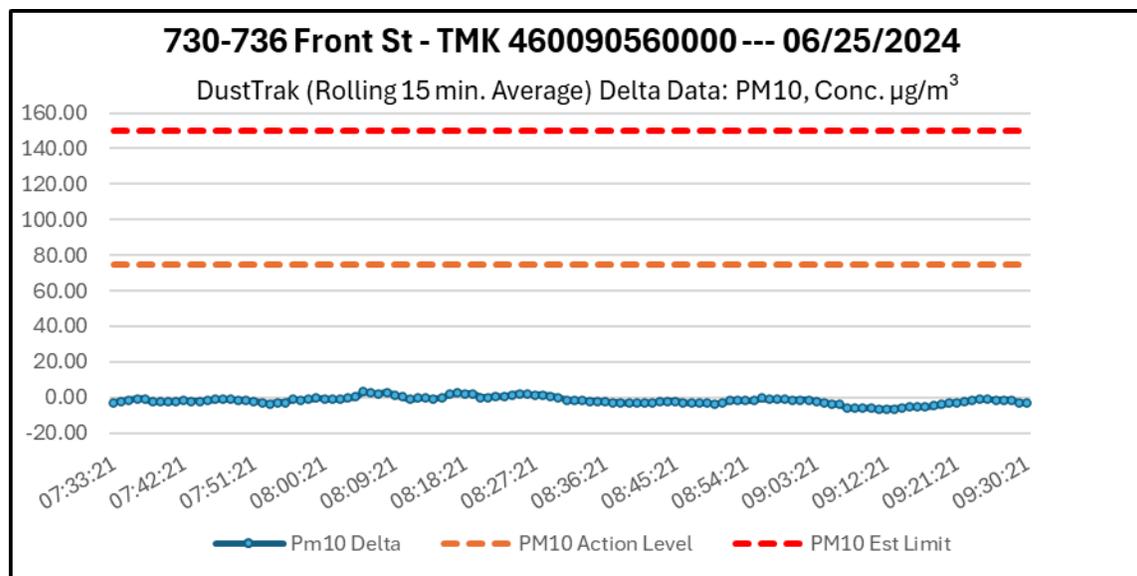
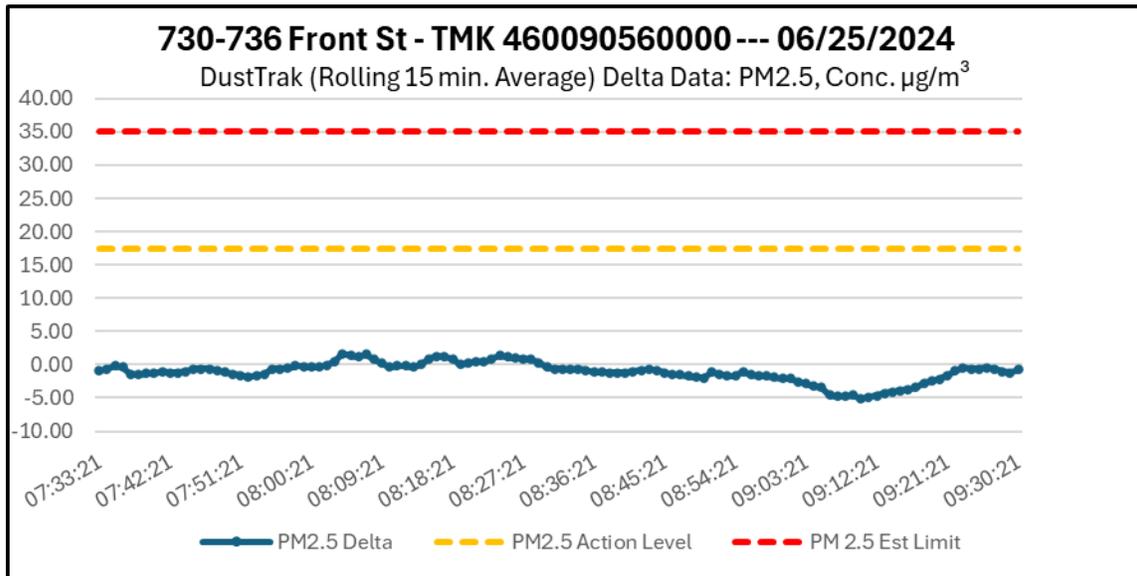


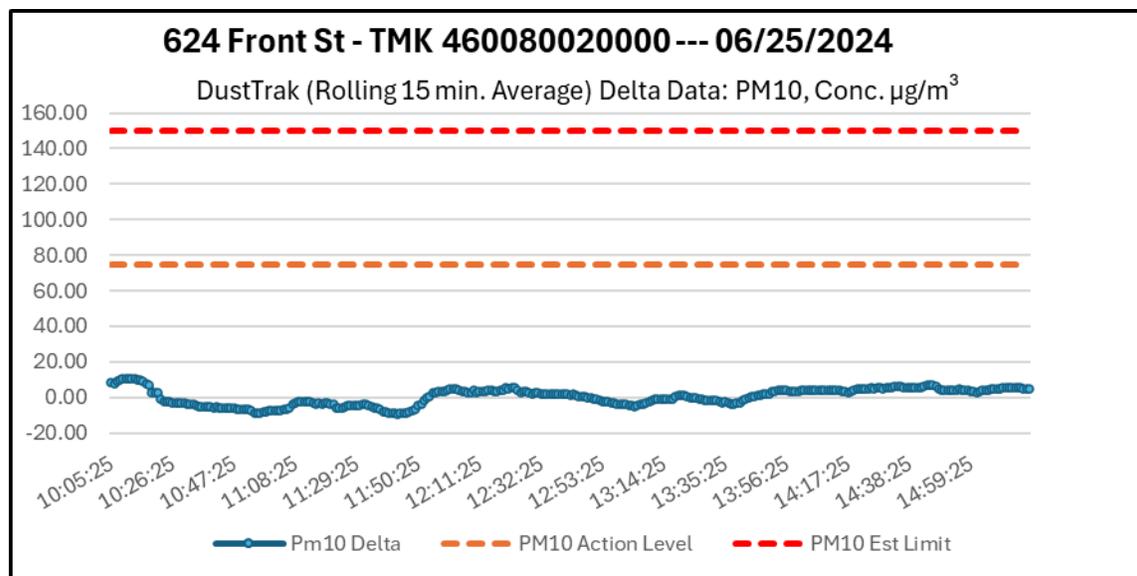
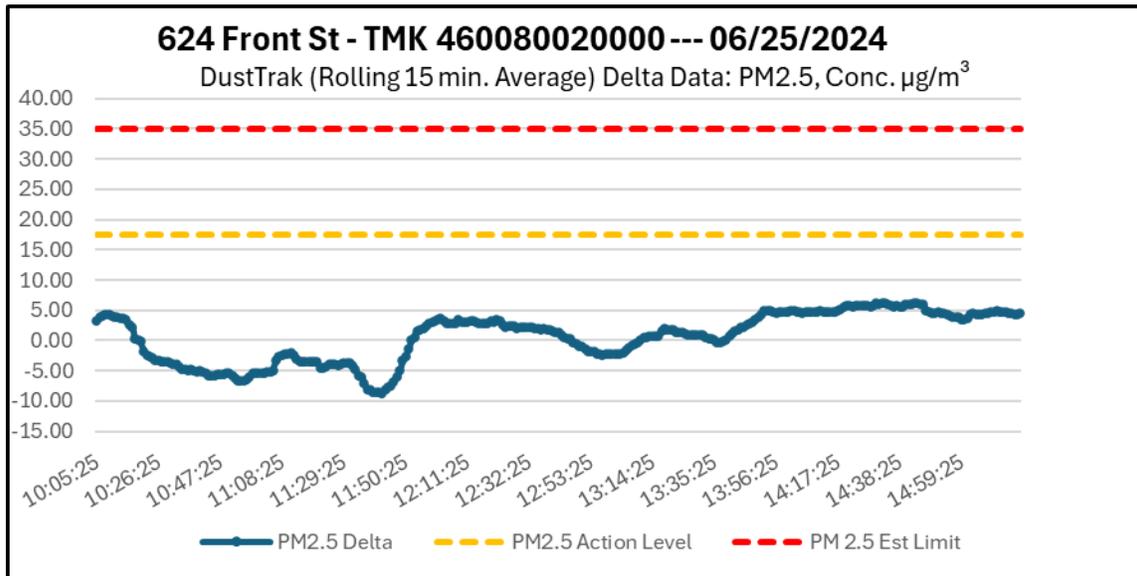
Attached: Daily Dust Monitoring Charts













June 27, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 26, 2024, DustTrak Realtime dust monitoring on 6 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 143 Dickenson St TMK 460090120000

Property 2:

Task Force 2 - 181 Lahainaluna Rd TMK 450010310000

Property 3:

Task Force 6 - 900 Front St TMK 450020090000

Property 4:

Task Force 5 - 818 Wainee St TMK 450060020000

Property 5:

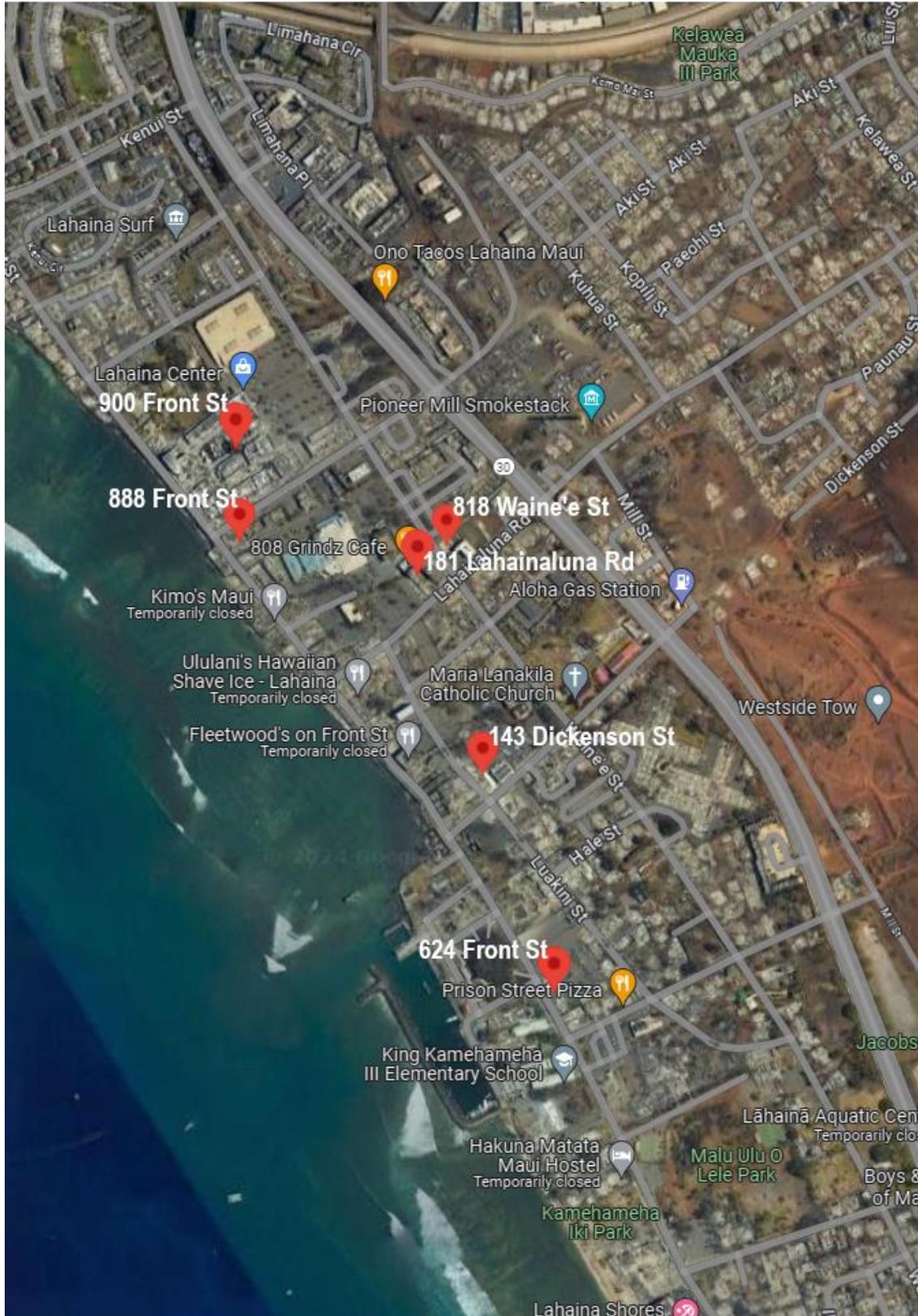
Task Force 5 - 624 Front St TMK 460080020000

Property 6:

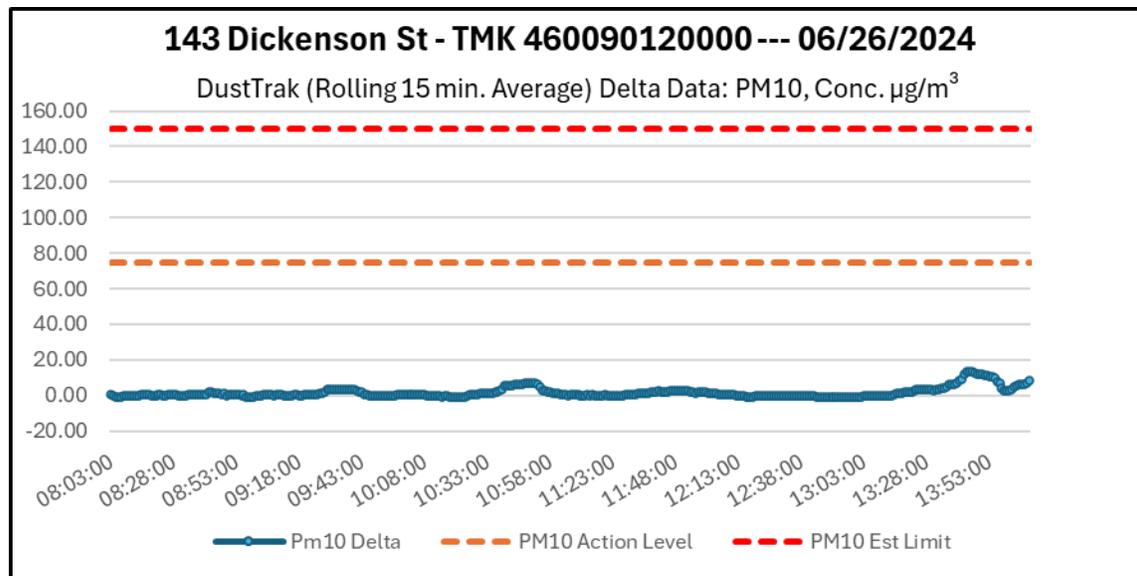
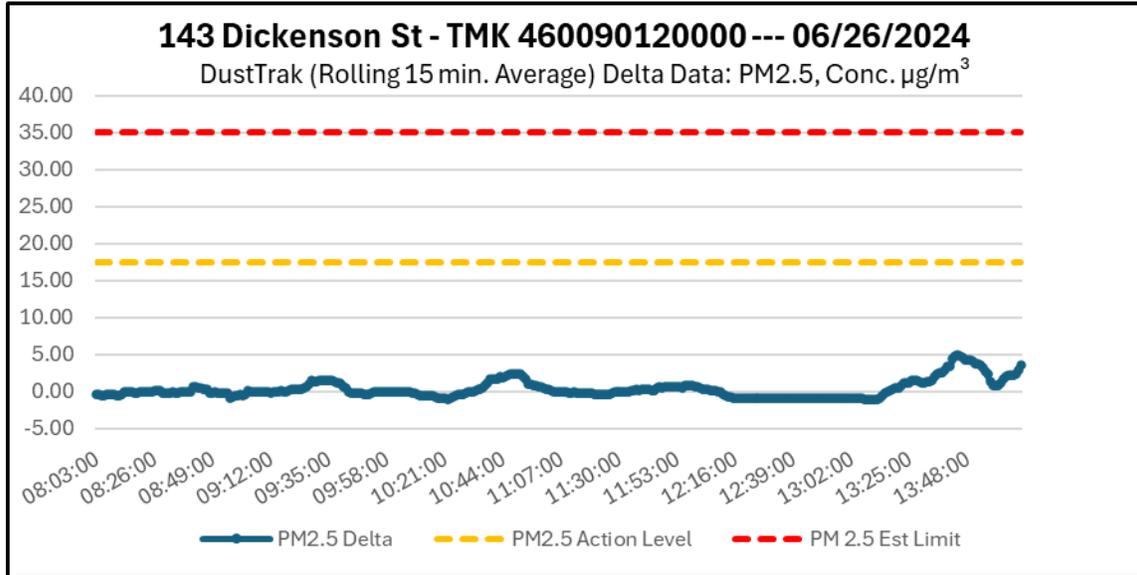
Task Force 4 - 888 Front St TMK 450010500000

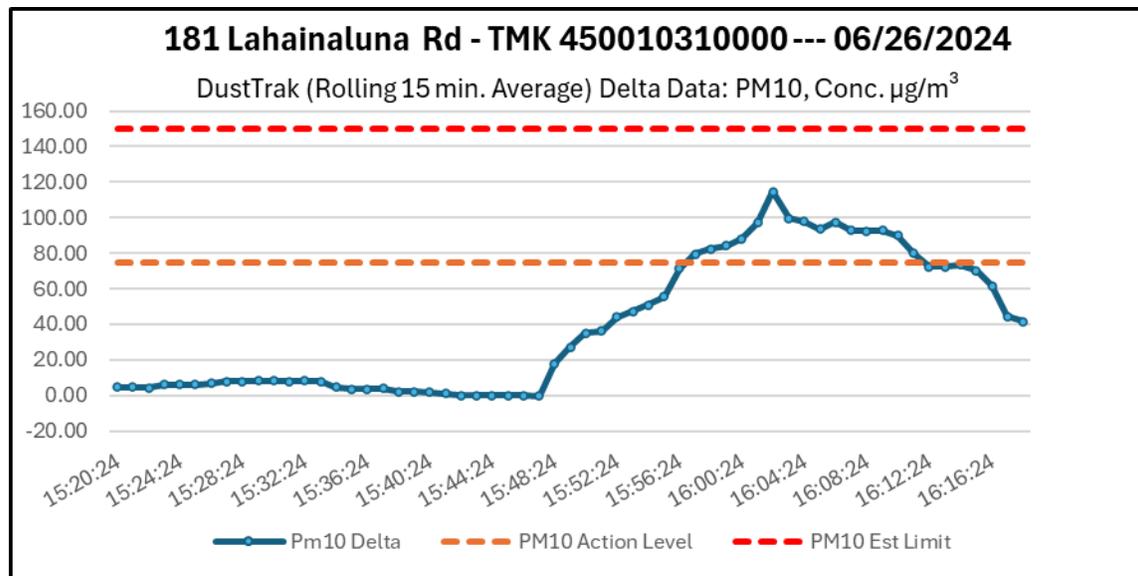
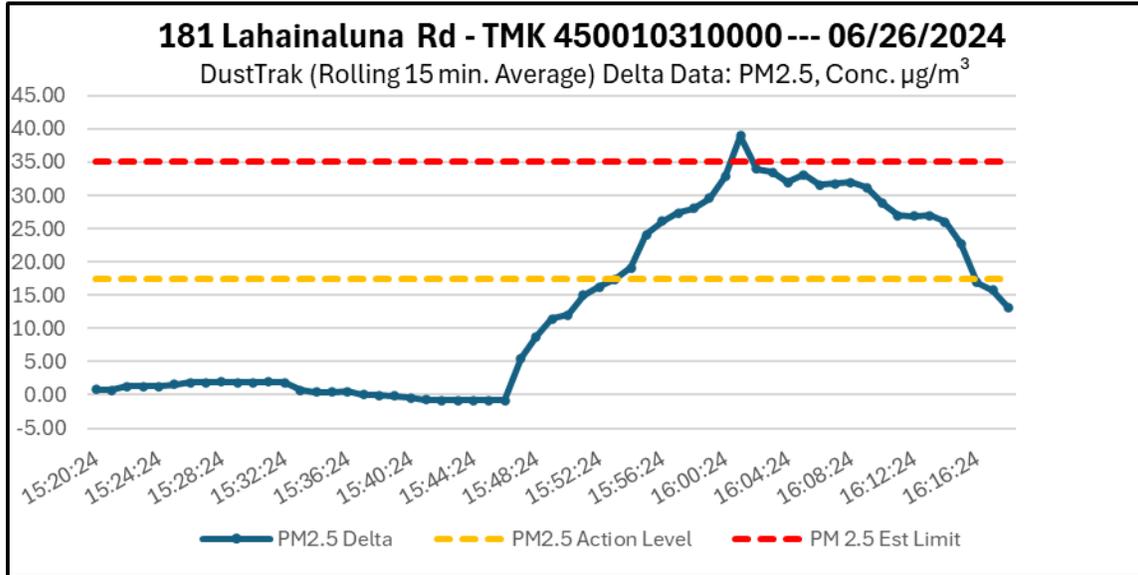
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
143 Dickenson	PM 2.5 $\mu\text{g}/\text{m}^3$	0.34	70	35
143 Dickenson	PM 10 $\mu\text{g}/\text{m}^3$	1.70	300	150
181 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	11.64	70	35
181 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	34.40	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-0.46	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-0.85	300	150
818 Wainee	PM 2.5 $\mu\text{g}/\text{m}^3$	-16.55	70	35
818 Wainee	PM 10 $\mu\text{g}/\text{m}^3$	-17.07	300	150
624 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	1.31	70	35
624 Front	PM 10 $\mu\text{g}/\text{m}^3$	1.77	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	8.00	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	11.46	300	150

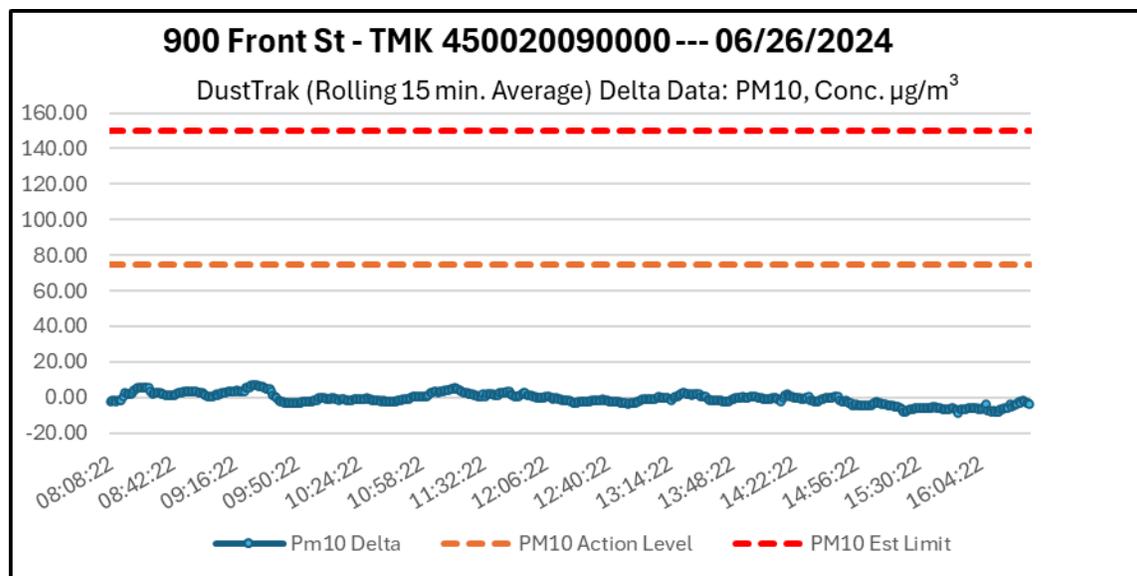
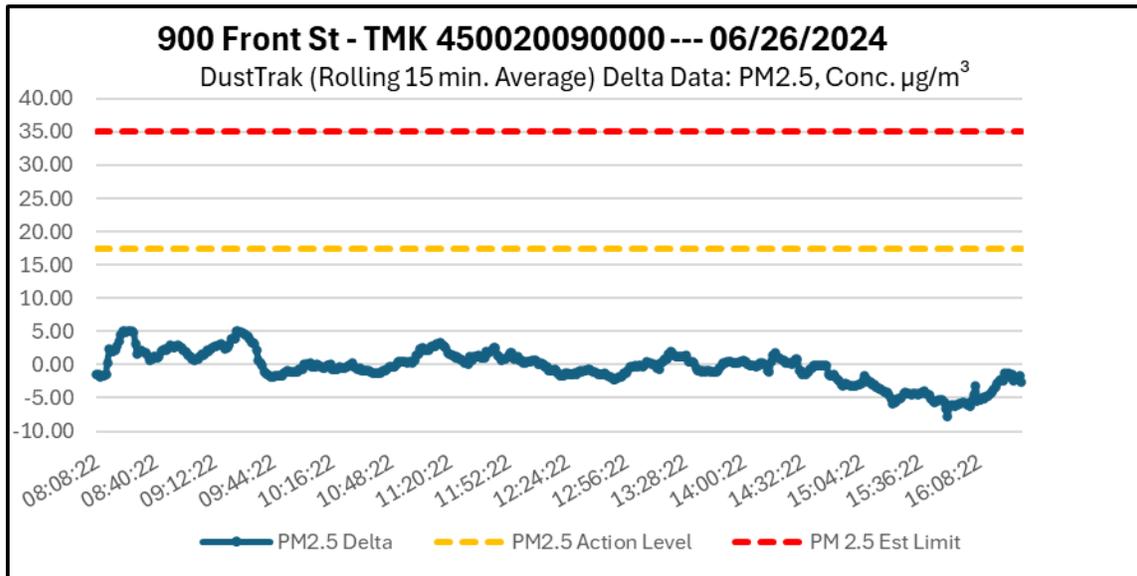
Property Locations:

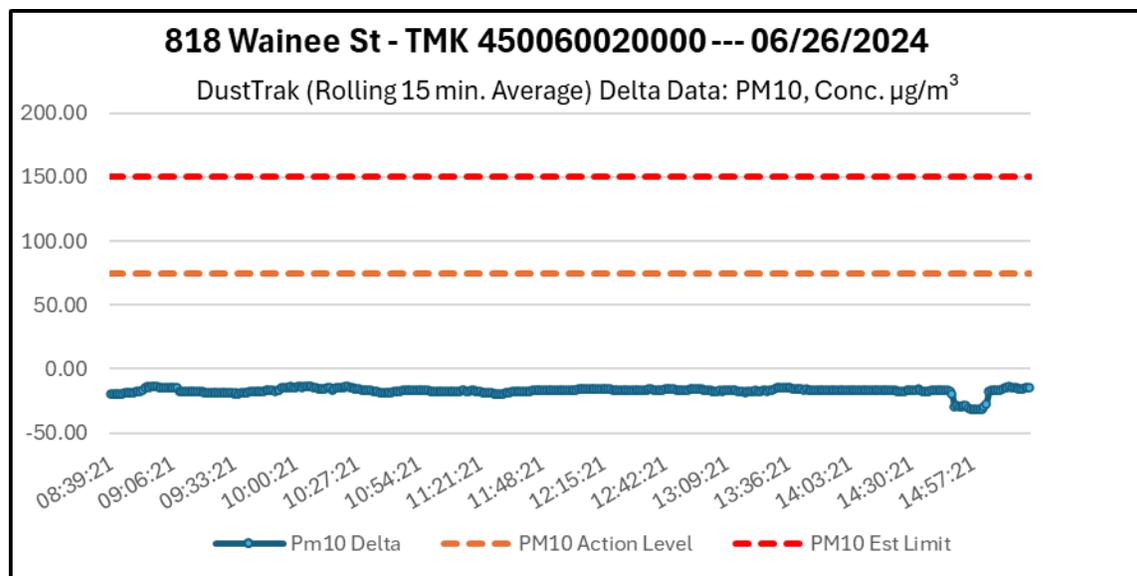
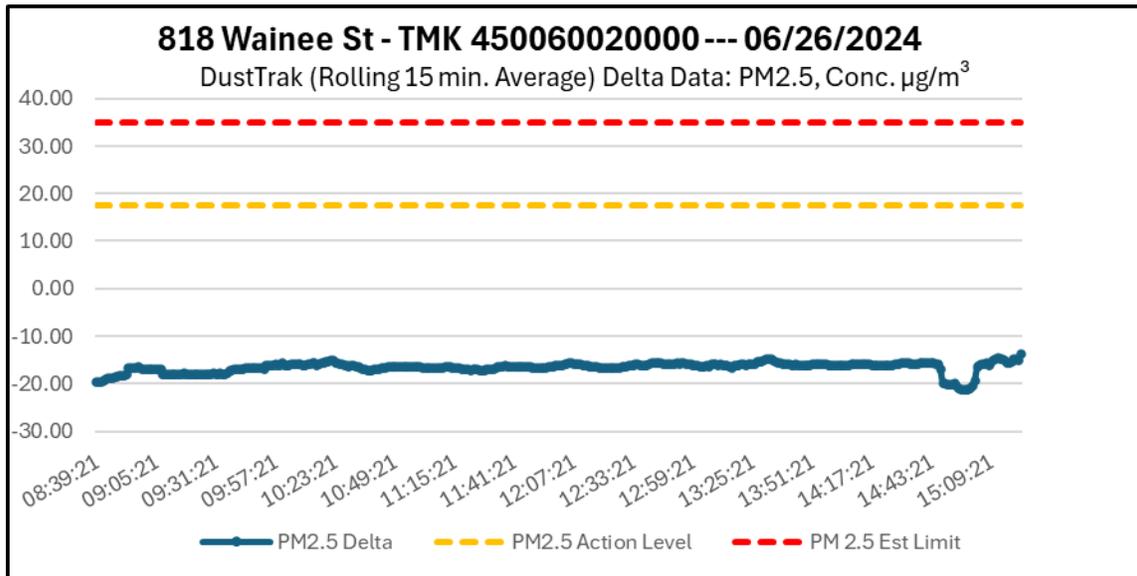


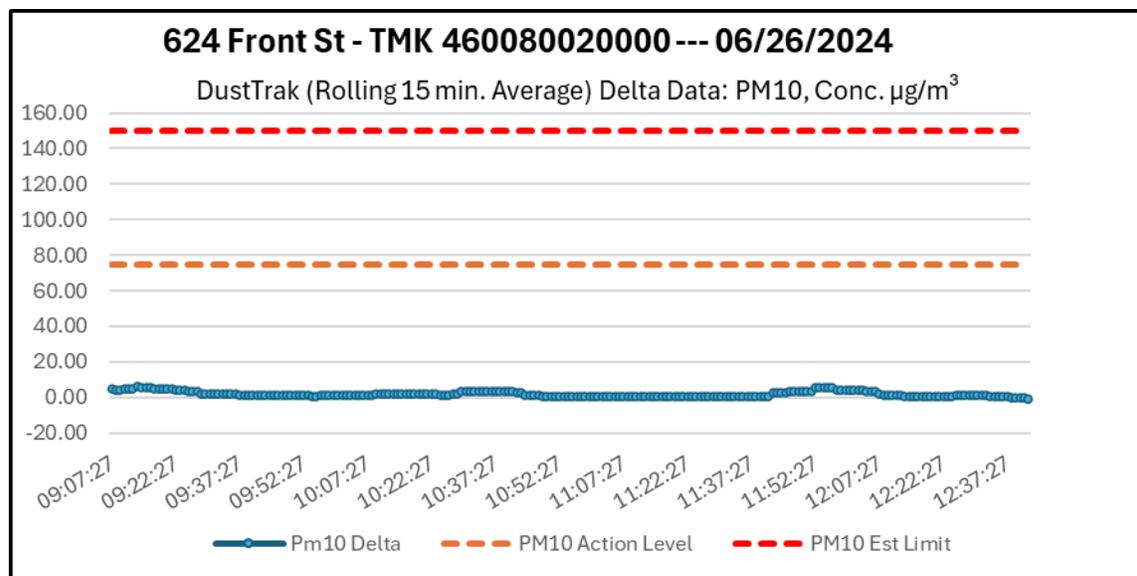
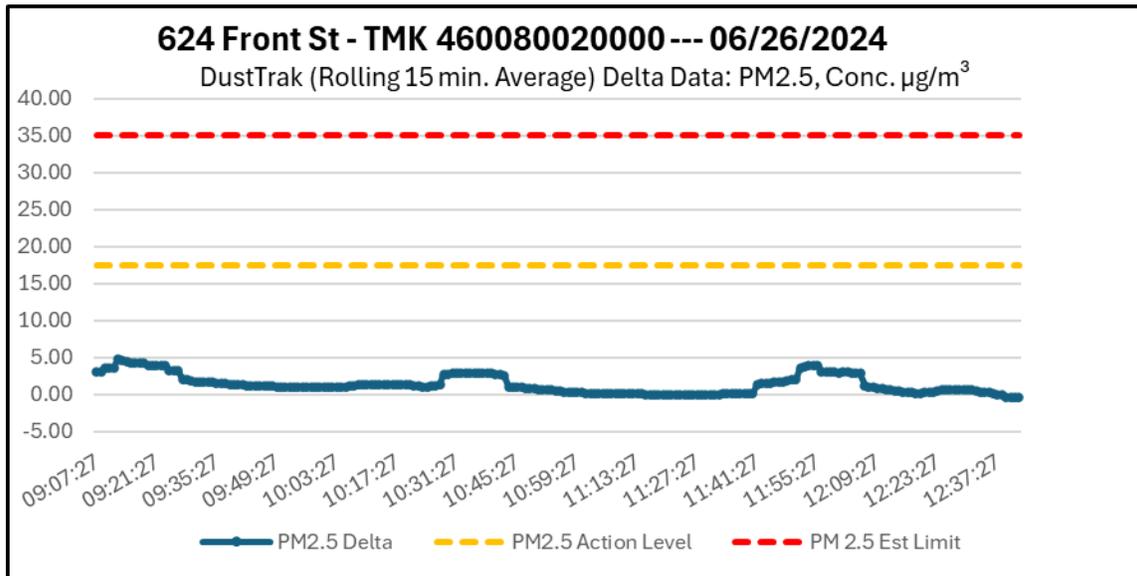
Attached: Daily Dust Monitoring Charts

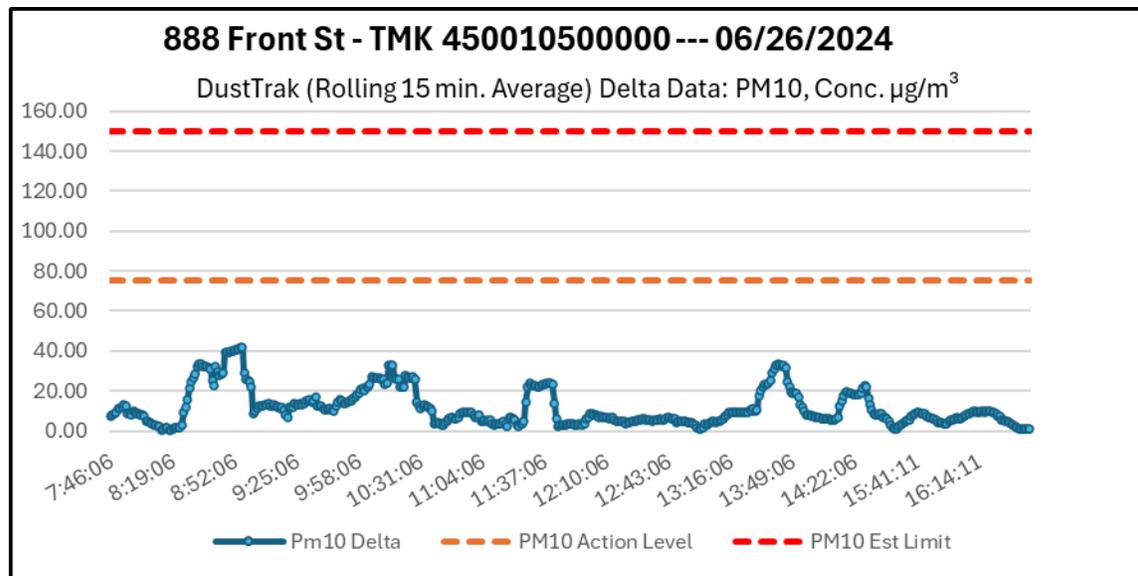
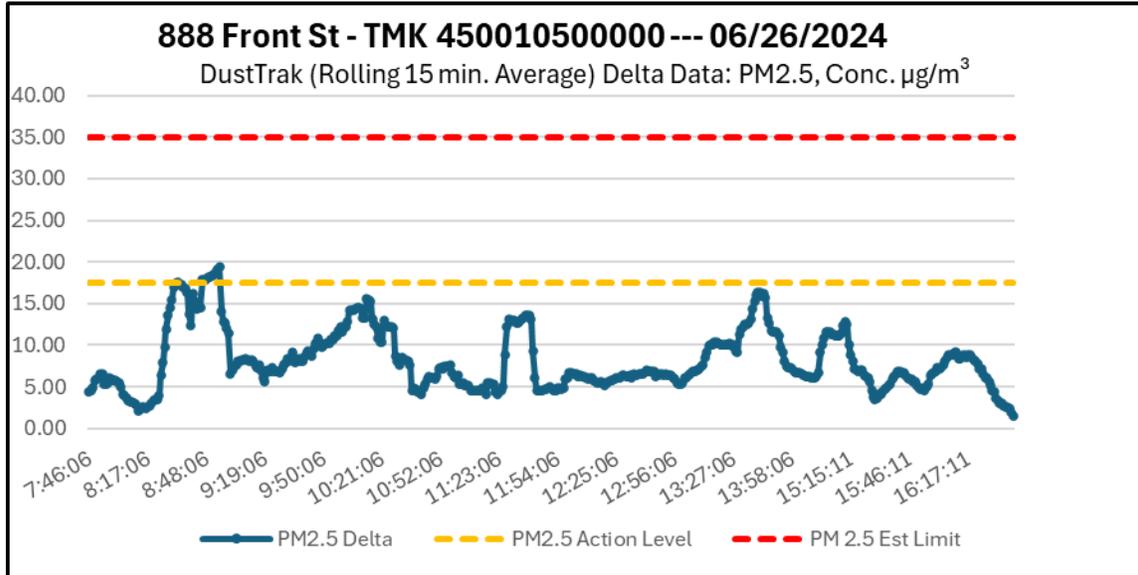














June 28, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 27, 2024, DustTrak Realtime dust monitoring on 7 properties:

Two properties exceeded established limits.

Property 1:

Task Force 2 - 181 Lahainaluna Rd TMK 450010310000

Property 2:

Task Force 2 - 1000 Limahana St TMK 450070260000

Property 3:

Task Force 6 - 900 Front St TMK 450020090000

Property 4:

Task Force 4 - 888 Front St TMK 450010500000

Property 5:

Task Force 4 - 120 Papalua St TMK 450010440000

Property 6:

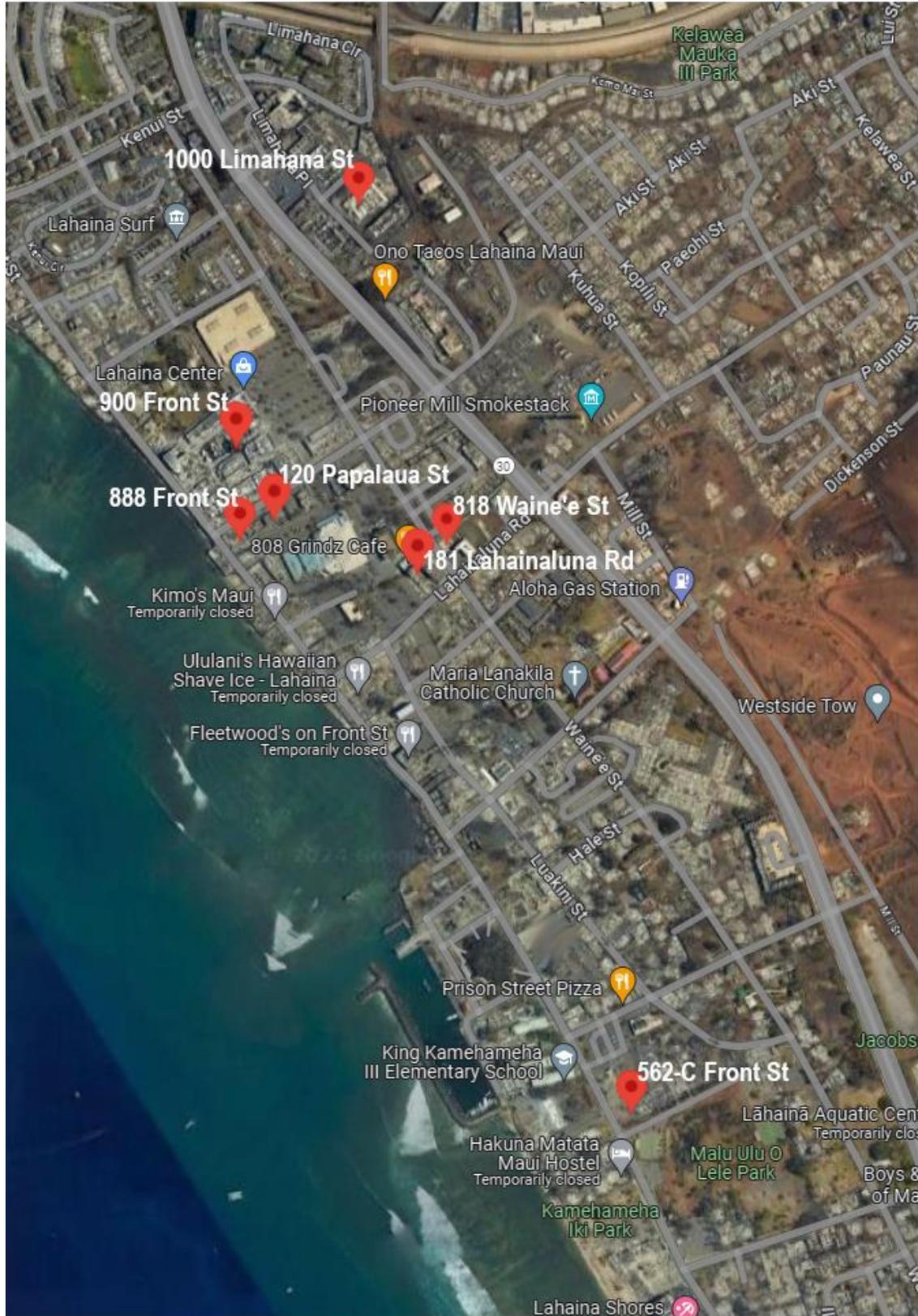
Task Force 5 - 818 Wainee St TMK 450060020000

Property 7:

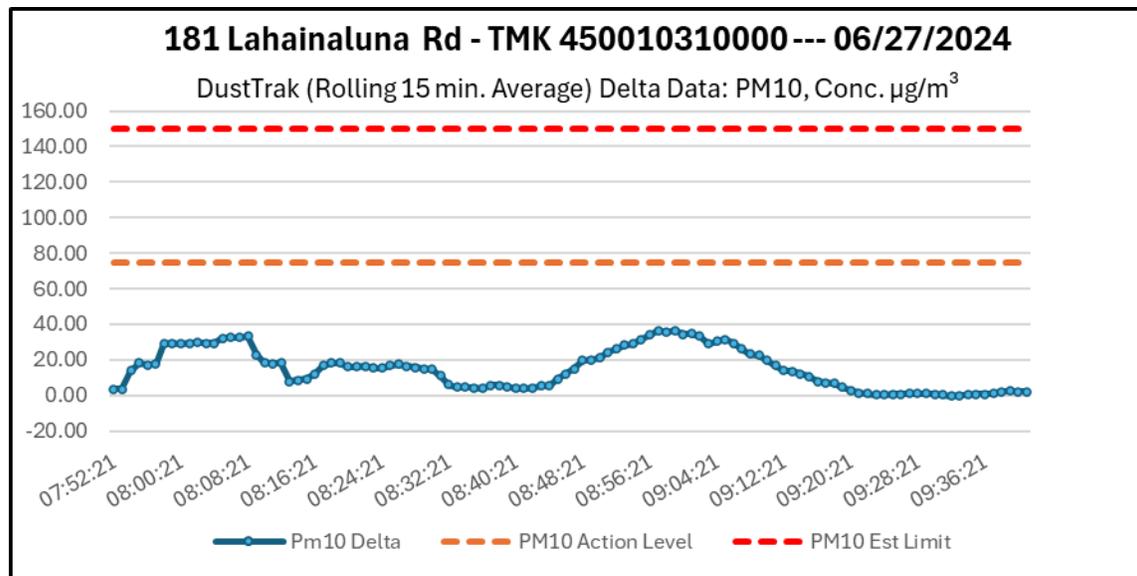
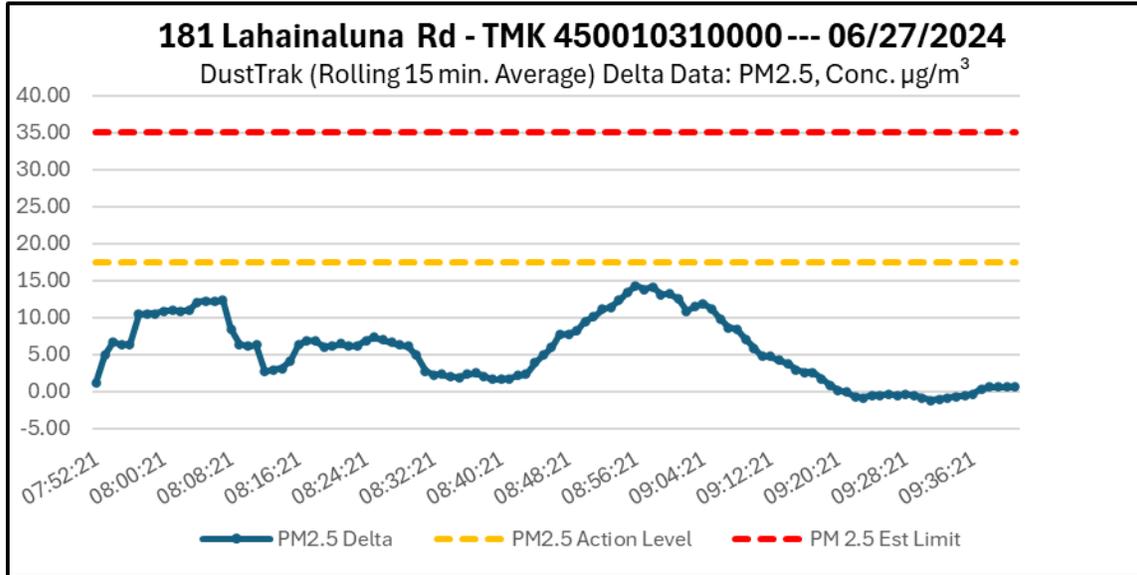
Task Force 5 - 562-C Front St TMK 460070090000

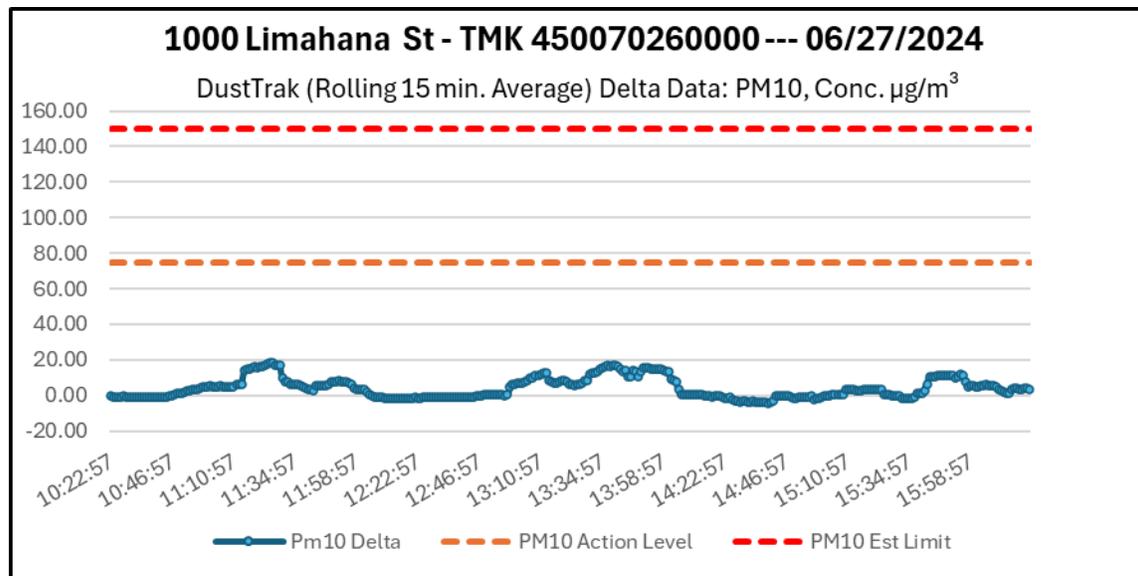
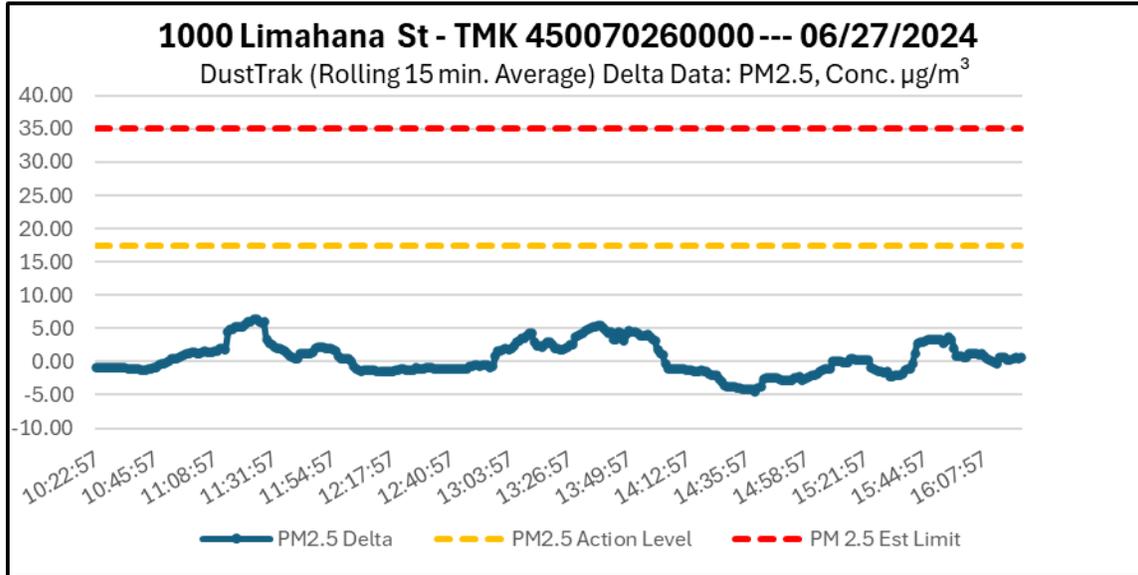
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
181 Lahainaluna	PM 2.5 $\mu\text{g}/\text{m}^3$	5.00	70	35
181 Lahainaluna	PM 10 $\mu\text{g}/\text{m}^3$	13.65	300	150
1000 Limahana	PM 2.5 $\mu\text{g}/\text{m}^3$	0.49	70	35
1000 Limahana	PM 10 $\mu\text{g}/\text{m}^3$	4.02	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-12.42	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-12.71	300	150
888 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	24.19	70	35
888 Front	PM 10 $\mu\text{g}/\text{m}^3$	27.85	300	150
120 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	10.81	70	35
120 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	12.96	300	150
818 Wainee	PM 2.5 $\mu\text{g}/\text{m}^3$	31.43	70	35
818 Wainee	PM 10 $\mu\text{g}/\text{m}^3$	31.10	300	150
562-C Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-47.23	70	35
562-C Front	PM 10 $\mu\text{g}/\text{m}^3$	-47.70	300	150

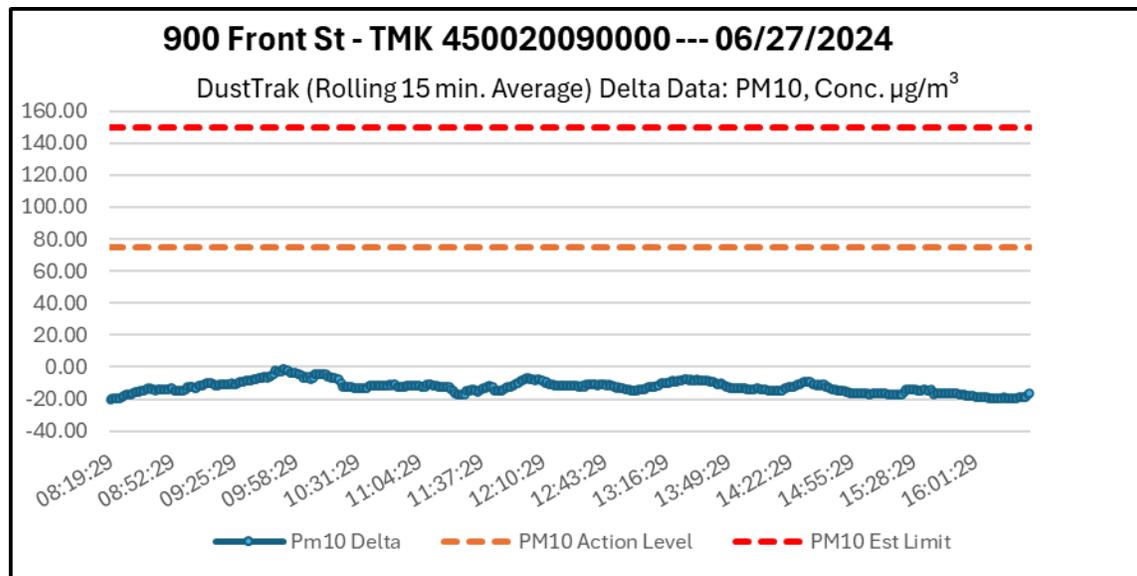
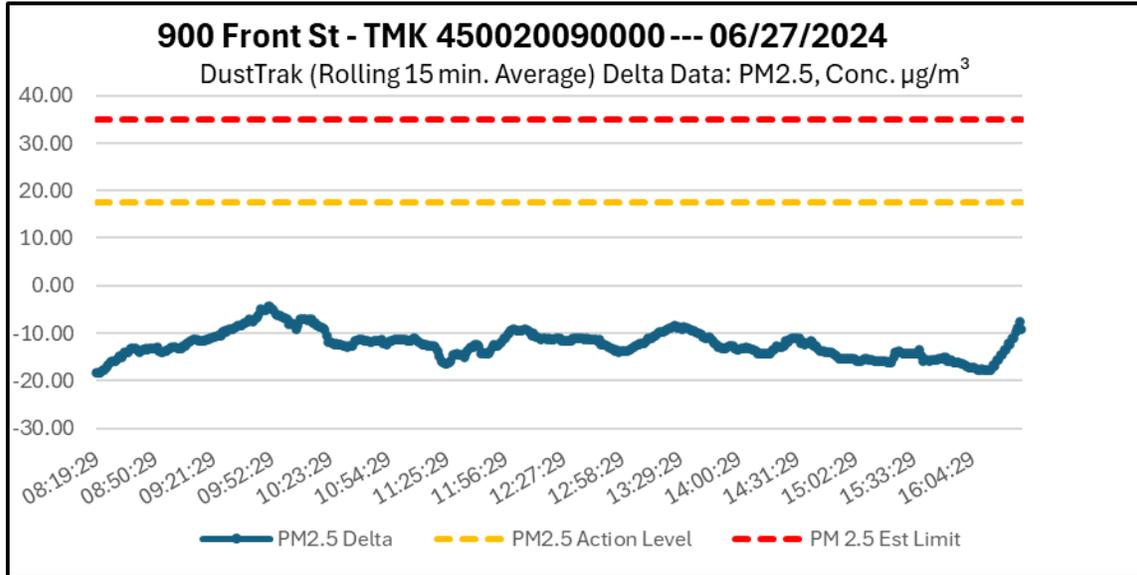
Property Locations:

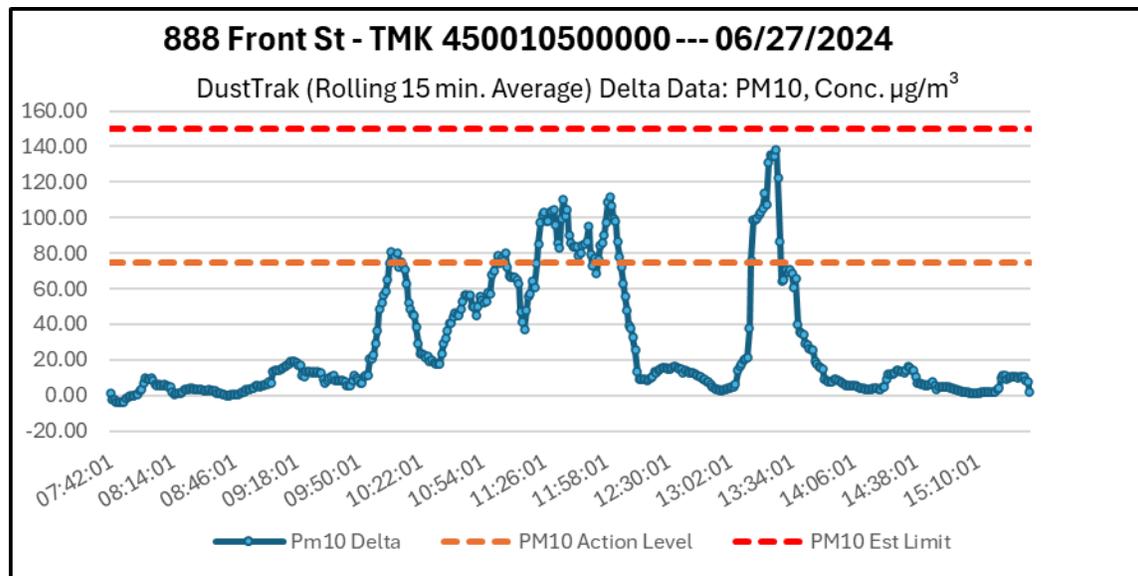
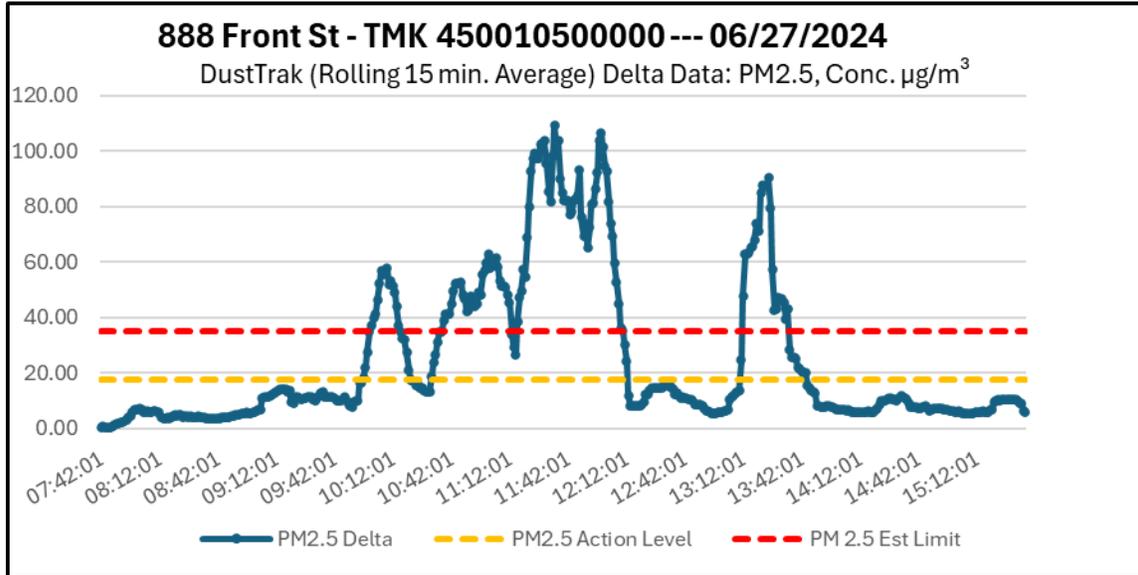


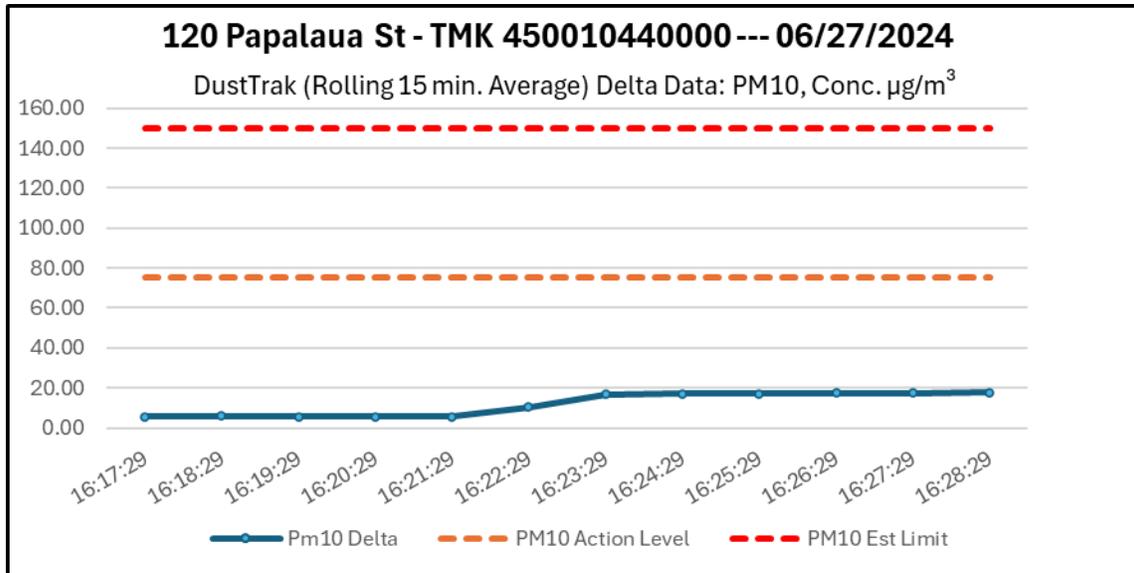
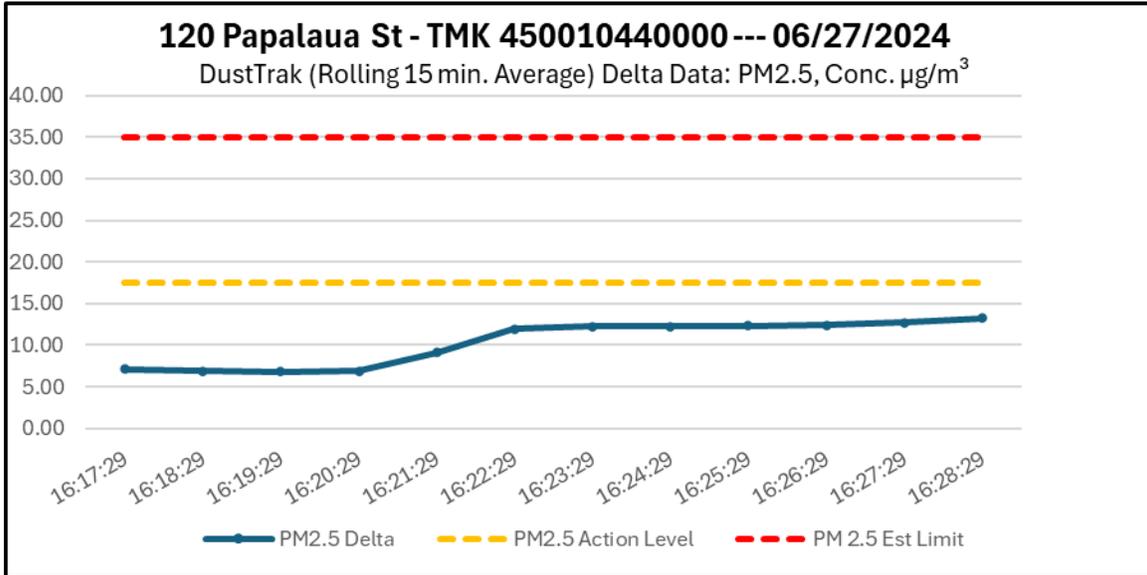
Attached: Daily Dust Monitoring Charts

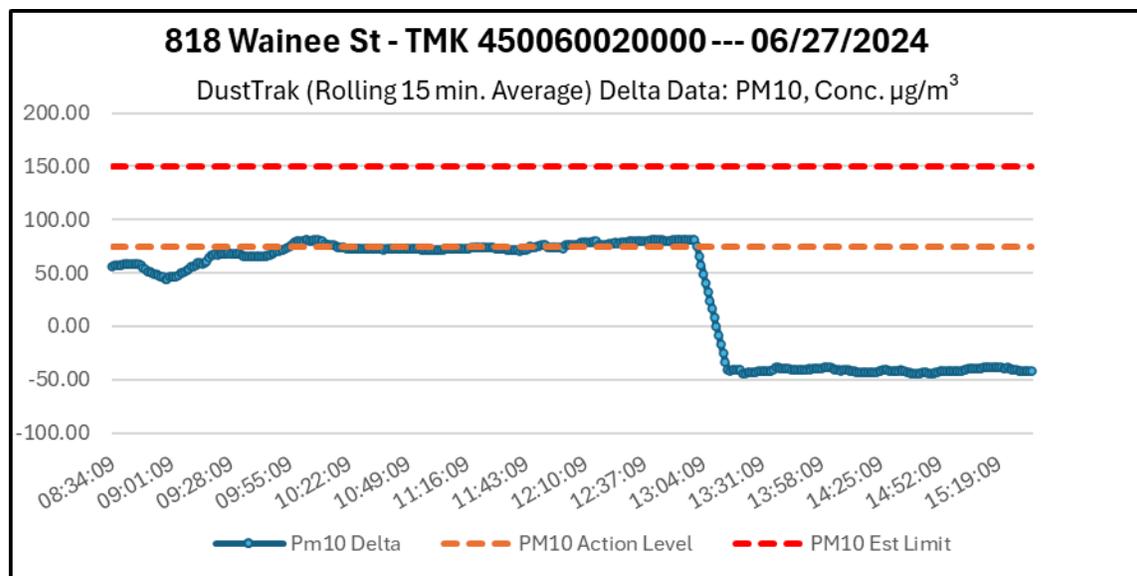
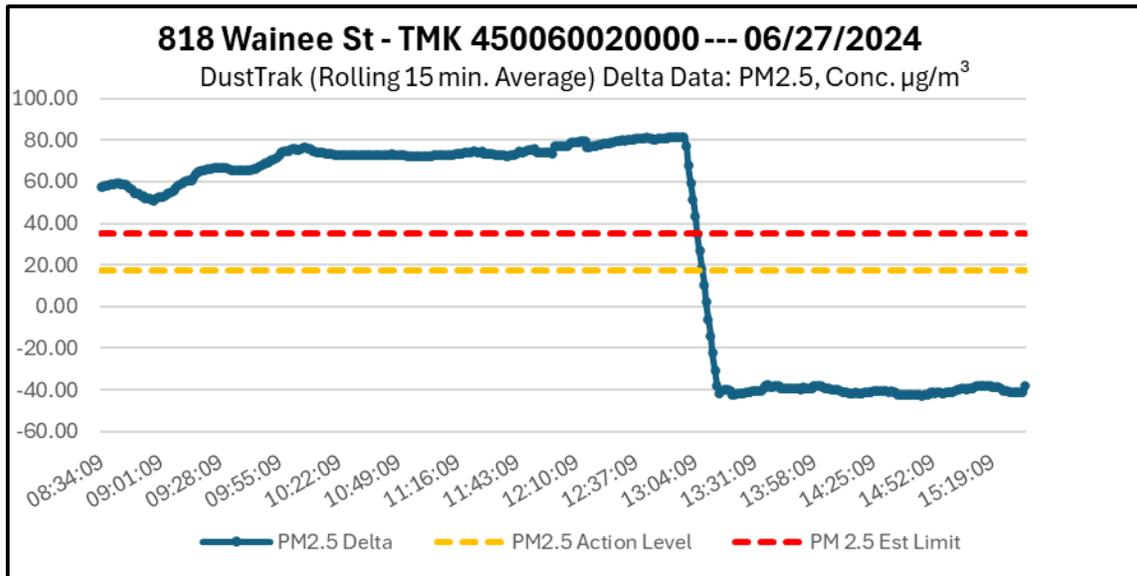


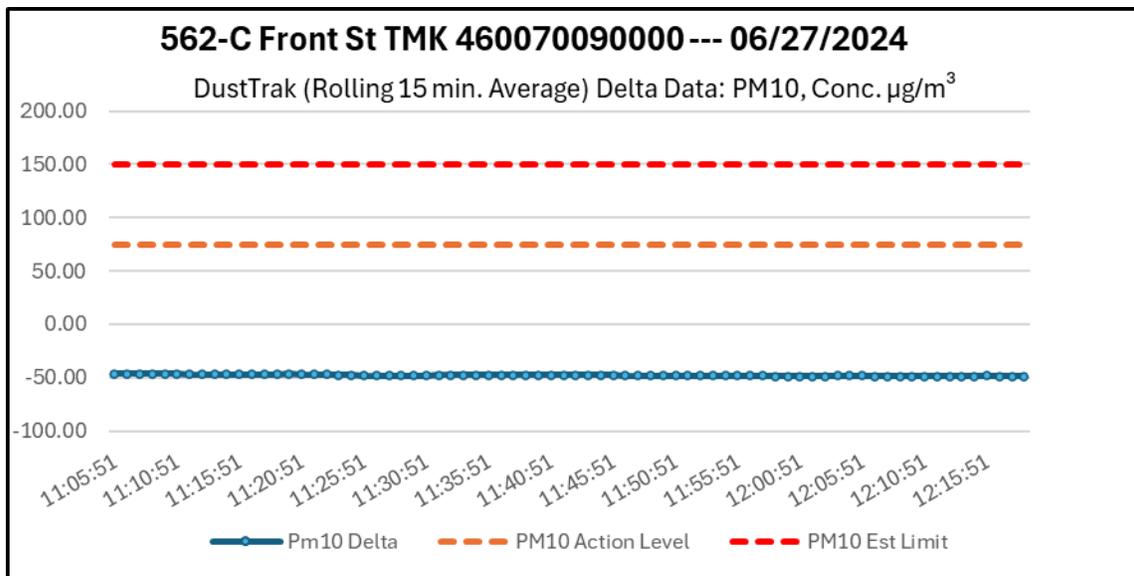
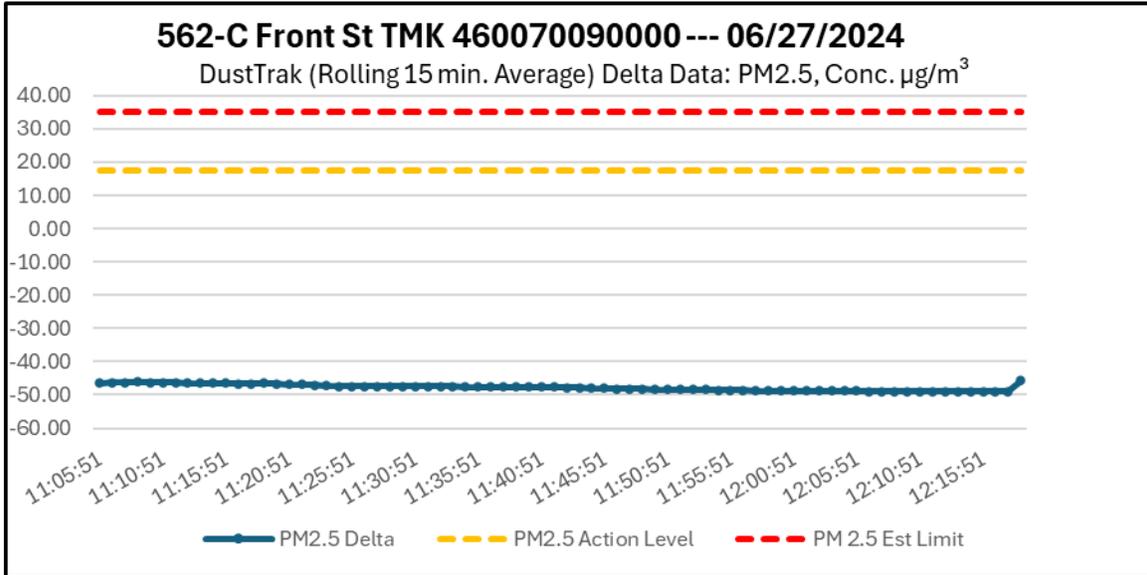














June 29, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 28, 2024, DustTrak Realtime dust monitoring on 4 properties:

No properties exceeded established limits.

Property 1:

Task Force 2 - 1000 Limahana St TMK 450070260000

Property 2:

Task Force 6 - 900 Front St TMK 450020090000

Property 3:

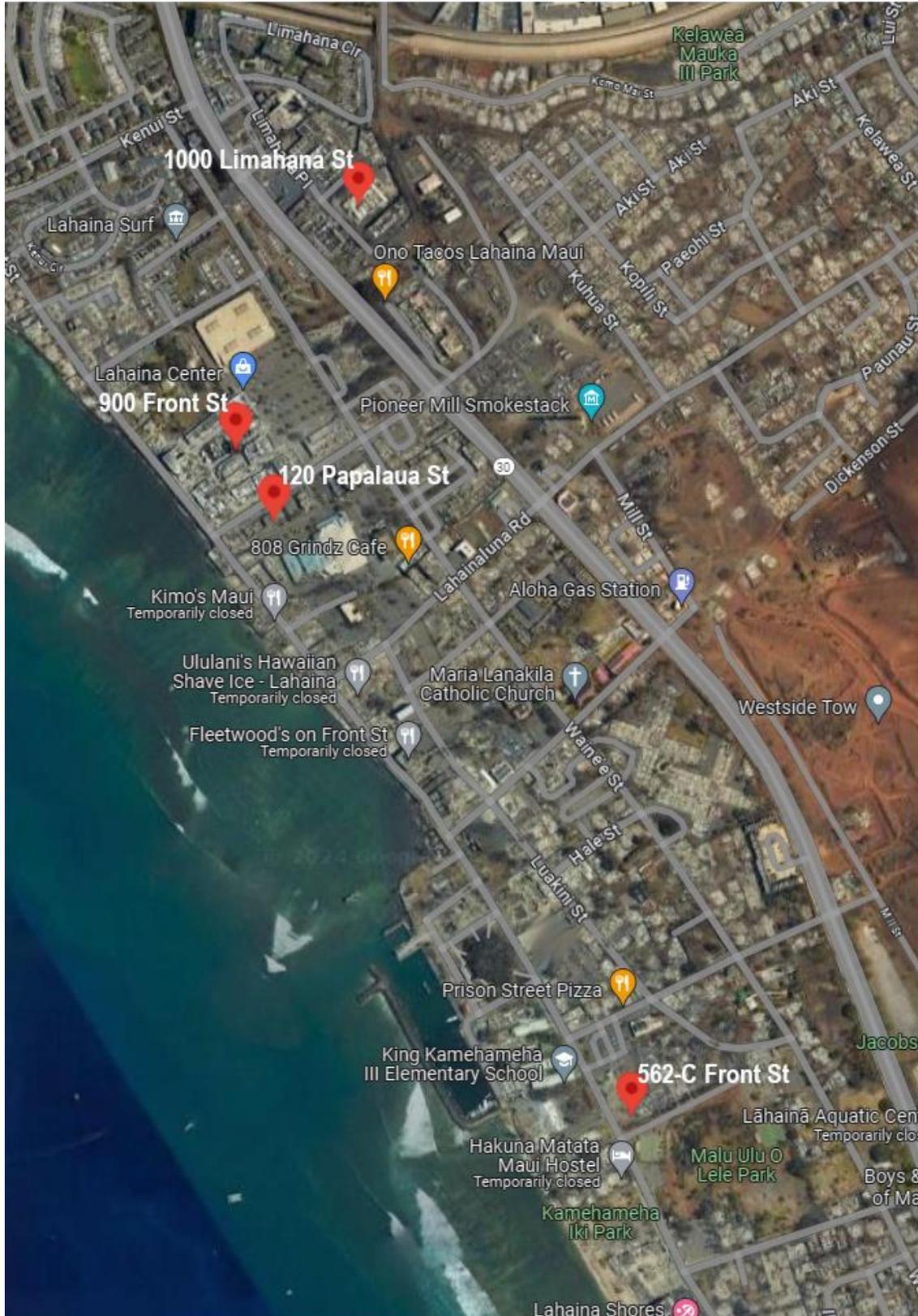
Task Force 4 - 120 Papalua St TMK 450010440000

Property 4:

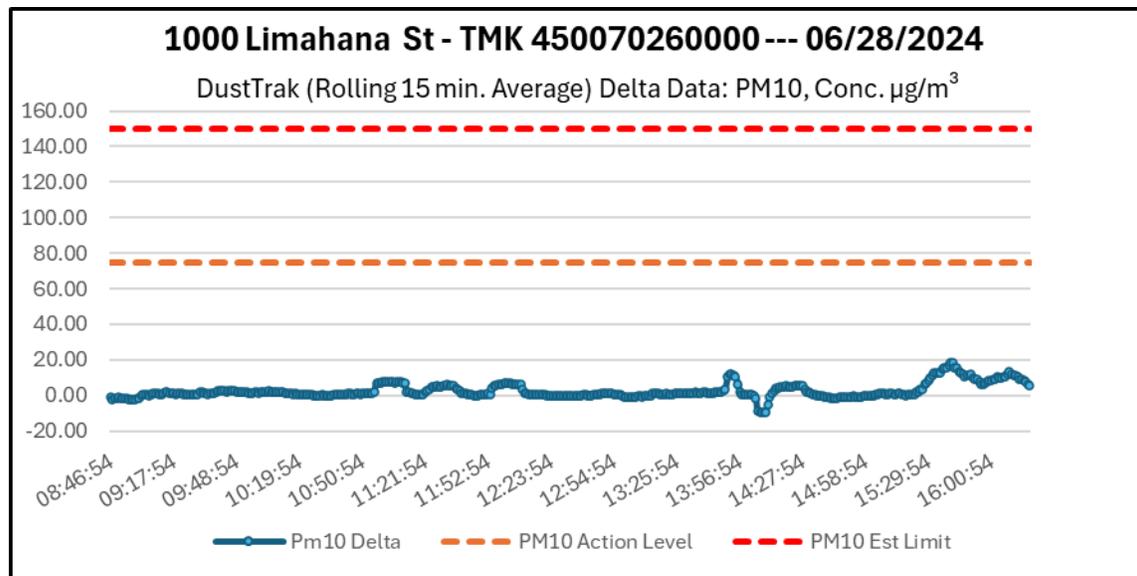
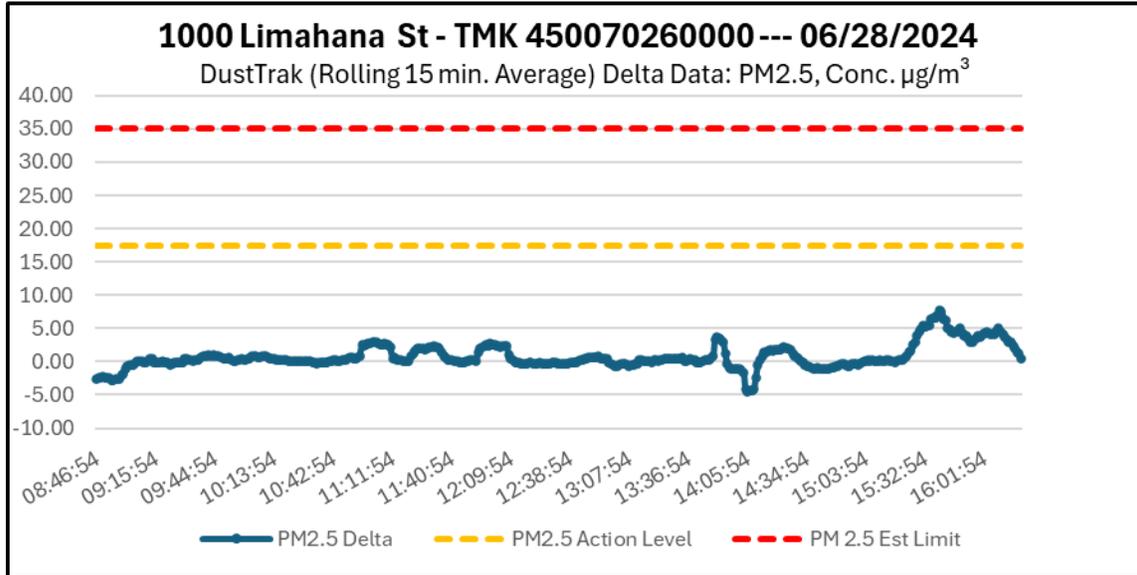
Task Force 5 - 562-C Front St TMK 460070090000

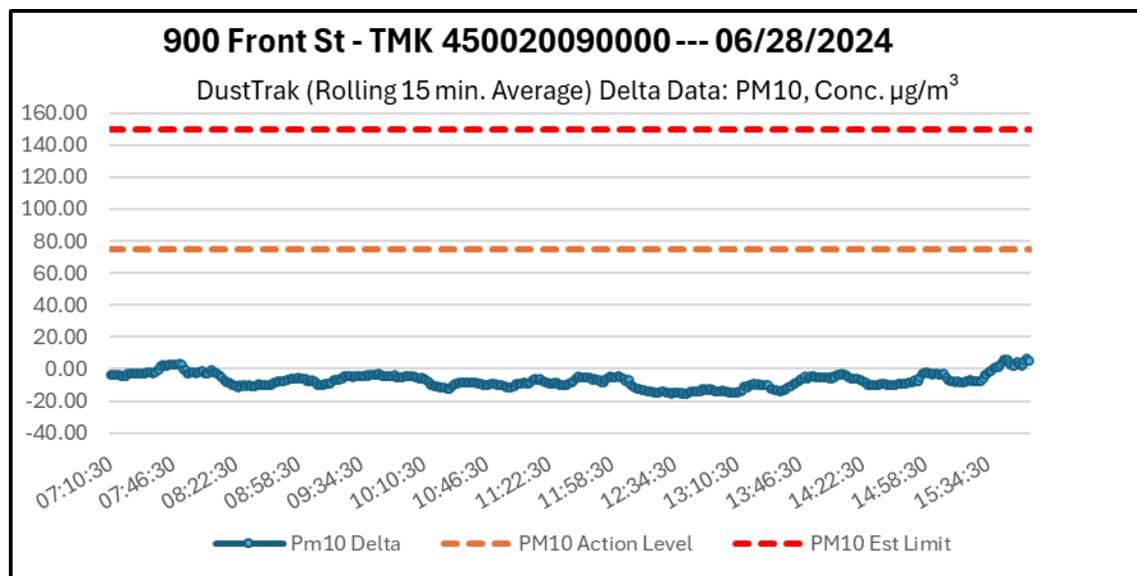
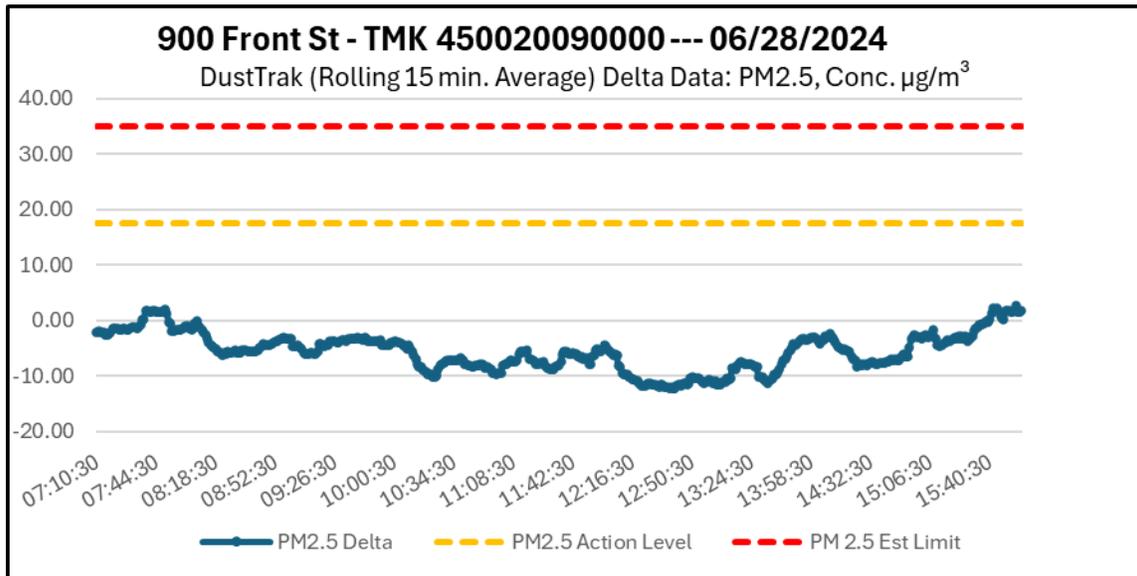
Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
1000 Limahana	PM 2.5 $\mu\text{g}/\text{m}^3$	0.70	70	35
1000 Limahana	PM 10 $\mu\text{g}/\text{m}^3$	2.50	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-5.43	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-6.91	300	150
120 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	3.22	70	35
120 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	-0.58	300	150
562-C Front	PM 2.5 $\mu\text{g}/\text{m}^3$	0.24	70	35
562-C Front	PM 10 $\mu\text{g}/\text{m}^3$	1.57	300	150

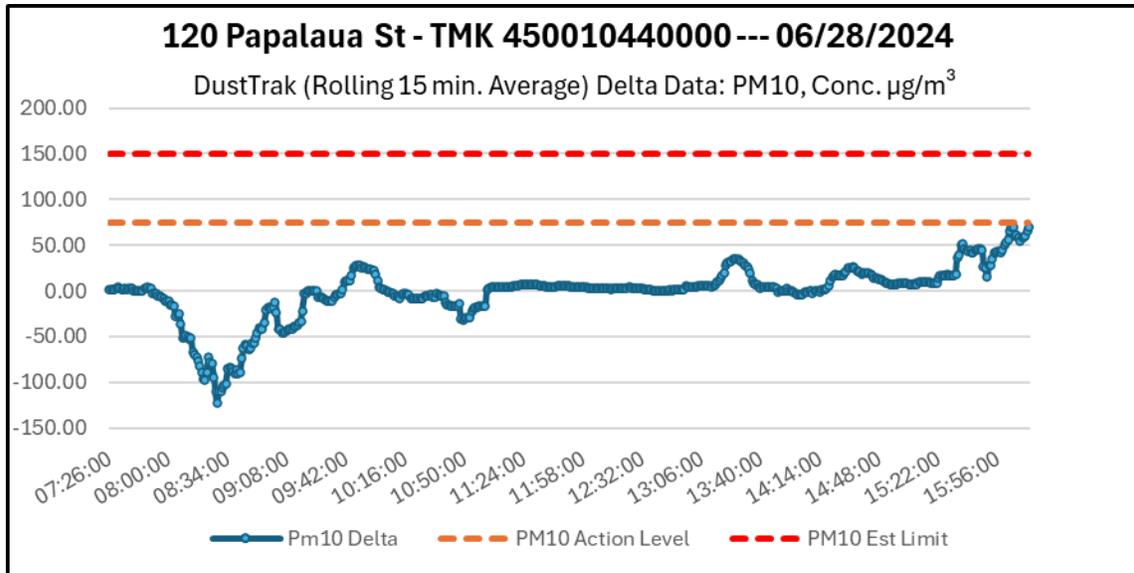
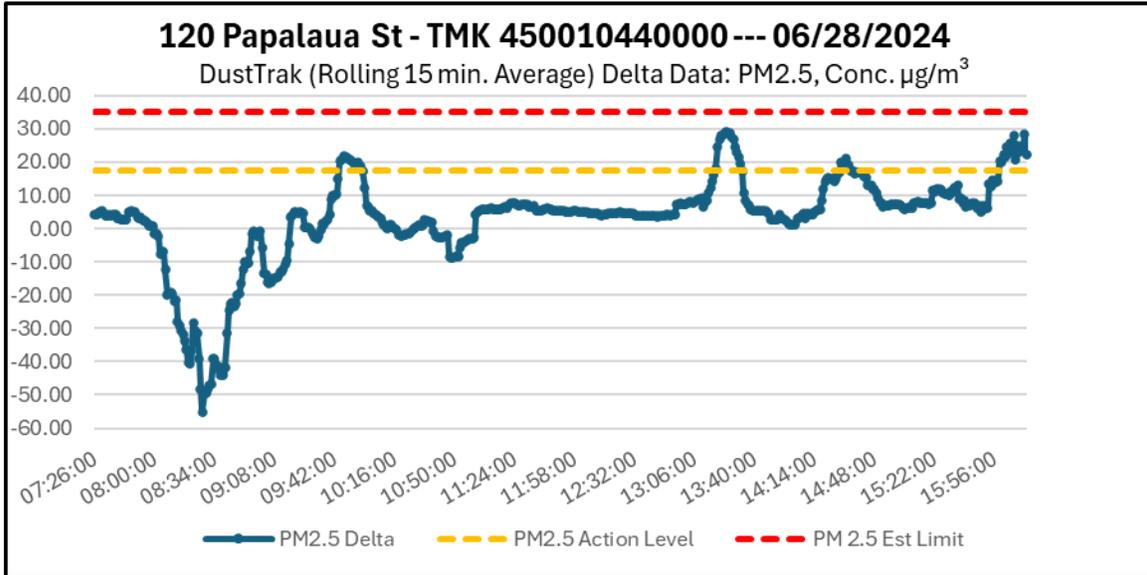
Property Locations:

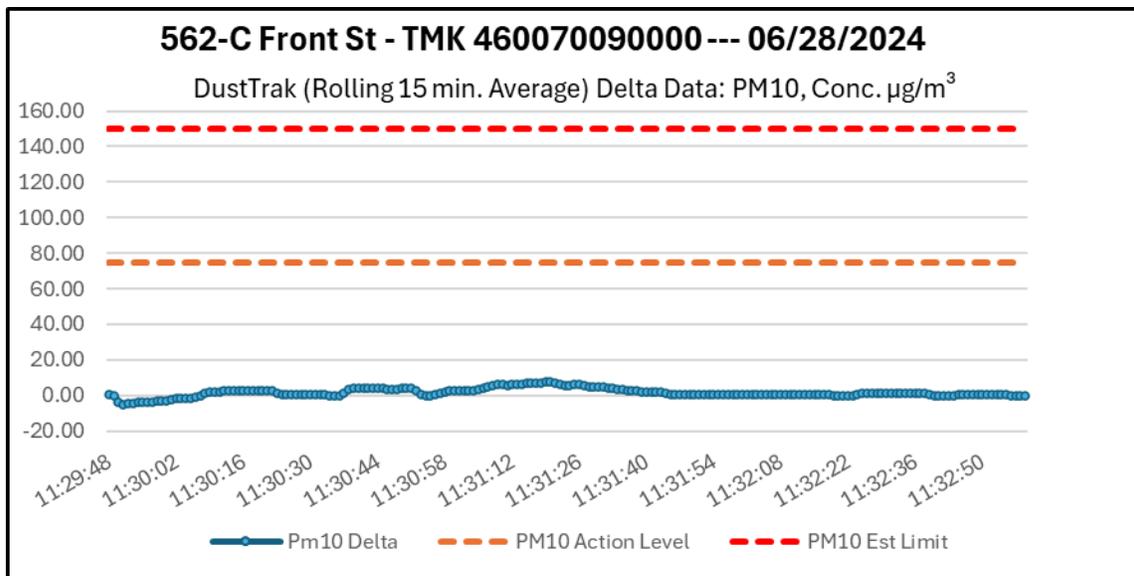
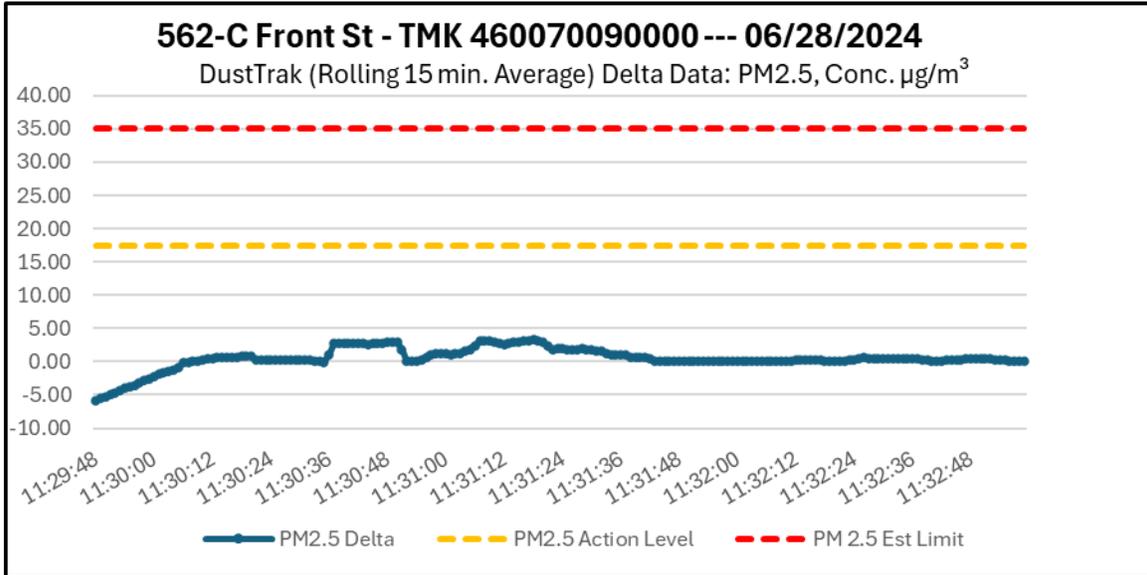


Attached: Daily Dust Monitoring Charts











June 30, 2024

Daily Dust Monitoring Report

Contract No. W9128A24C0006

Commercial and Public Property Debris Removal, Wildfire
Response Debris Removal Support

Submitted to:

Brian Brandt, PE

Resident Engineer and Contracting Officer's Representative

Maui Wildfires Emergency Field Office

US Army Corps of Engineers

Cell: (956) 236-2747

Brian.A.Brandt@usace.army.mil

Submitted by:

Jon Hake – Project Manager

Hui Huliau Technology Services, LLC

85-876 Farrington Hwy, Suite 204

Waianae, HI 96792

jhake@huihuliau.com Phone: 808.452.1229

Summary of June 29, 2024, DustTrak Realtime dust monitoring on 5 properties:

One property exceeded established limits.

Property 1:

Task Force 2 - 1000 Limahana St TMK 450070260000

Property 2:

Task Force 2 - 127 Hinau St TMK 450070340000

Property 3:

Task Force 6 - 900 Front St TMK 450020090000

Property 4:

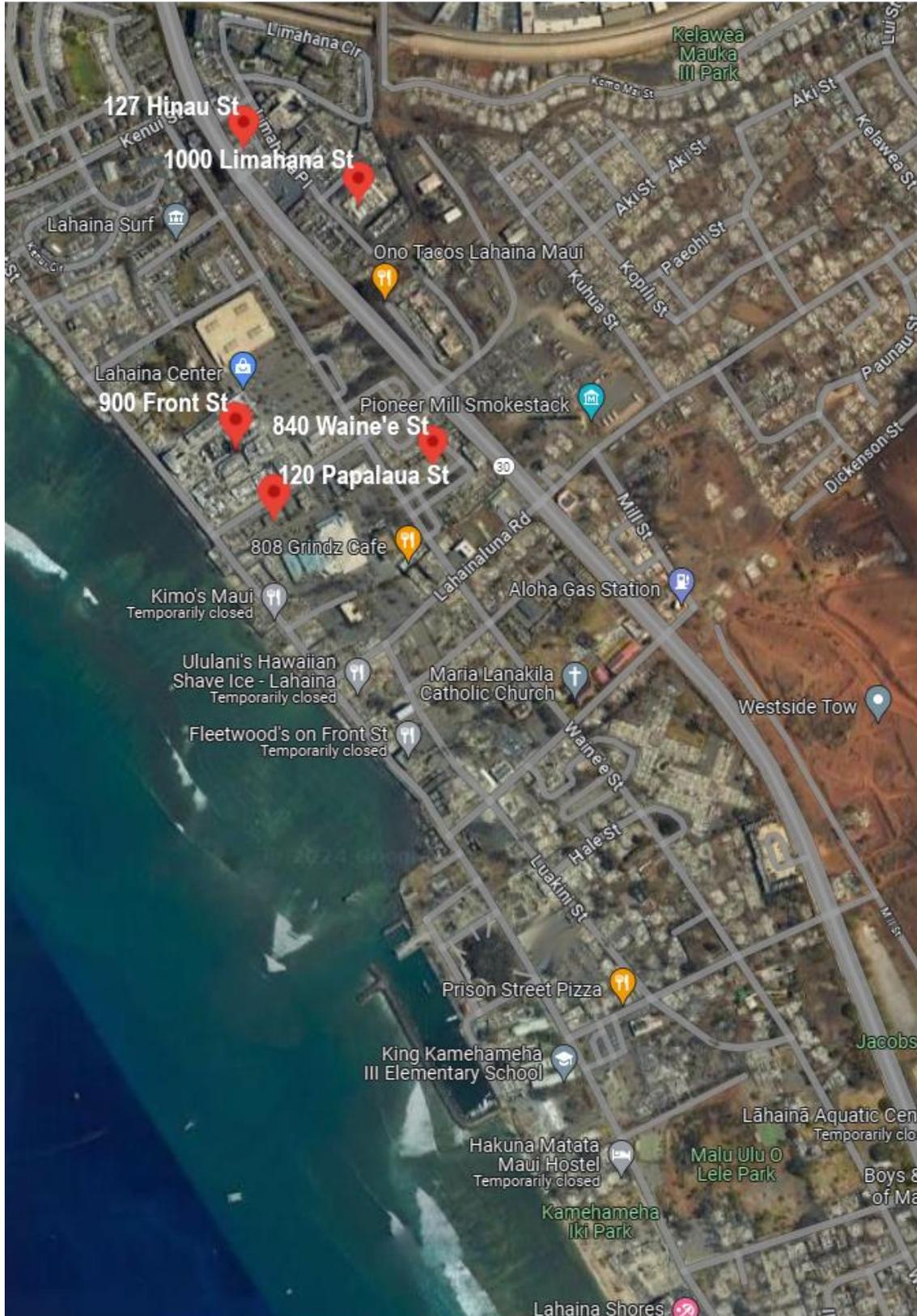
Task Force 4 - 120 Papalaua St TMK 450010440000

Property 5:

Task Force 5 - 840 Wainee St TMK 450060010000

Property	Particulate Matter Size	Delta Average between upwind and downwind $\mu\text{g}/\text{m}^3$	Exposure Limit $\mu\text{g}/\text{m}^3$	Action Limit $\mu\text{g}/\text{m}^3$
1000 Limahana	PM 2.5 $\mu\text{g}/\text{m}^3$	3.64	70	35
1000 Limahana	PM 10 $\mu\text{g}/\text{m}^3$	10.58	300	150
127 Hinau	PM 2.5 $\mu\text{g}/\text{m}^3$	-2.57	70	35
127 Hinau	PM 10 $\mu\text{g}/\text{m}^3$	-2.02	300	150
900 Front	PM 2.5 $\mu\text{g}/\text{m}^3$	-9.15	70	35
900 Front	PM 10 $\mu\text{g}/\text{m}^3$	-10.16	300	150
120 Papalaua	PM 2.5 $\mu\text{g}/\text{m}^3$	14.27	70	35
120 Papalaua	PM 10 $\mu\text{g}/\text{m}^3$	18.68	300	150
840 Wainee	PM 2.5 $\mu\text{g}/\text{m}^3$	1.97	70	35
840 Wainee	PM 10 $\mu\text{g}/\text{m}^3$	3.96	300	150

Property Locations:



Attached: Daily Dust Monitoring Charts

