DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 01, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 01, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities at TDS included preparations for scale loading and minor road work. No earth-moving activities occurred all day

Weather:

		TDS
Precipitation		no precipitation was observed throughout the day. The skies are mostly sunny. Overnight chance of precipitation is 20%.
Wind Direction		W
Wind Speed	Average	16 mph
	Range	2–11 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	5	13	70	35
PM 10	Avg, ug/M^3	7	19	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/1/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.059	14:03	0.005	0.015	14:13
Station 2 (TDS)	0.013	0.046	13:55	0.013	0.025	14:08

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.007	0.208	14:03	0.007	0.028	14:14
Station 2 (TDS)	0.075	0.118	13:55	0.019	0.046	14:05

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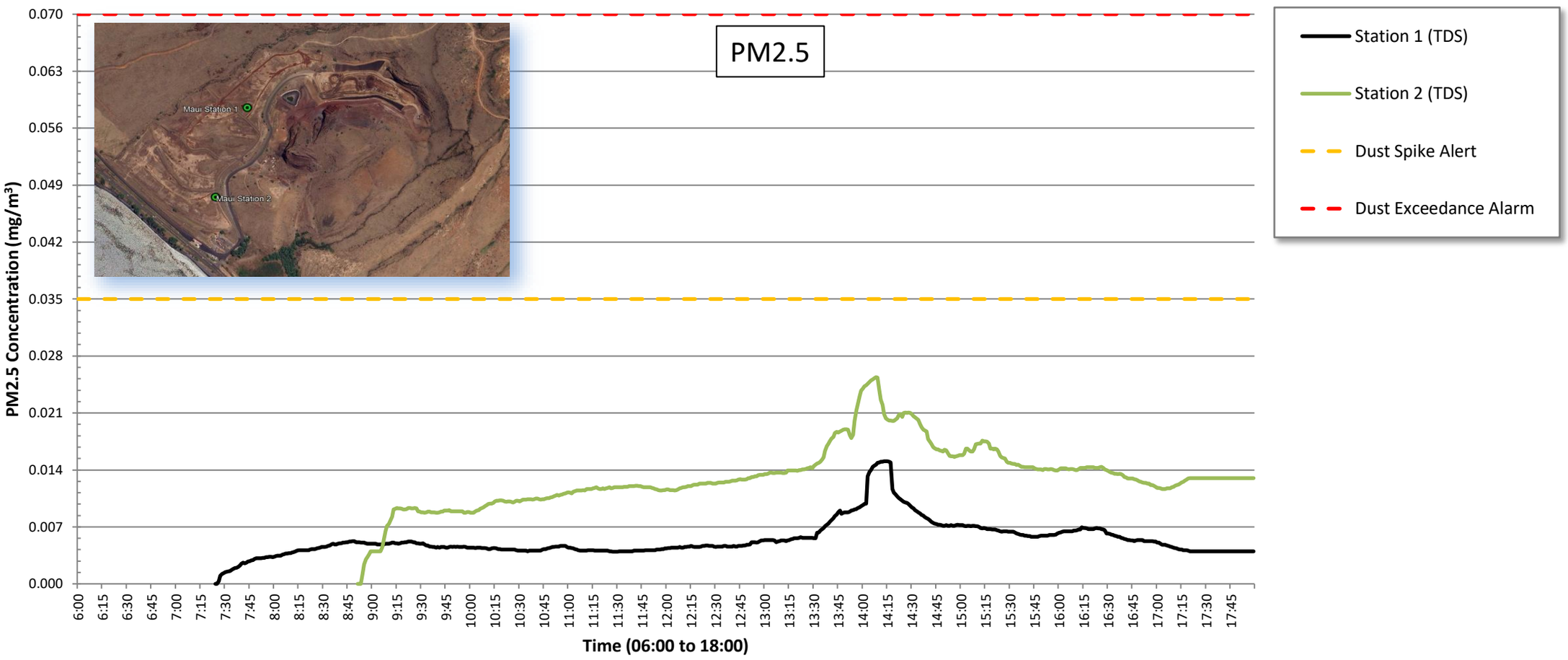

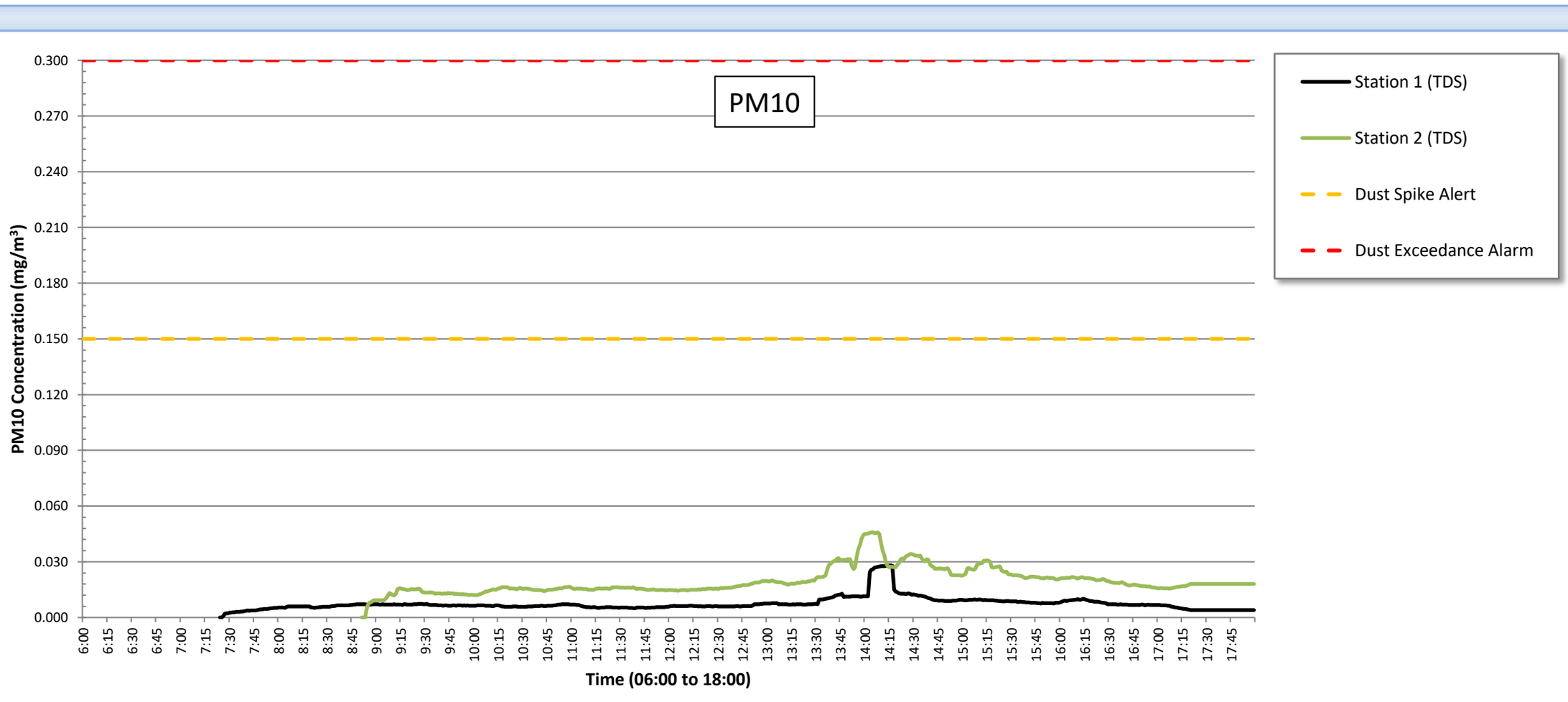

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 02, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 02, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. No earth-moving activities occurred at TDS all day. Work operations included inspecting check dams on the dirt roads, demobilization of the yard, and removal of the scales via crane lifts.

Weather:

		TDS
Precipitation		No precipitation observed. The skies are mostly sunny. Overnight chance of precipitation is 40%.
Wind Direction		S-SW
Wind Speed	Average	6 mph
	Range	3–12 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	4	10	70	35
PM 10	Avg, ug/M^3	5	14	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/2/2025

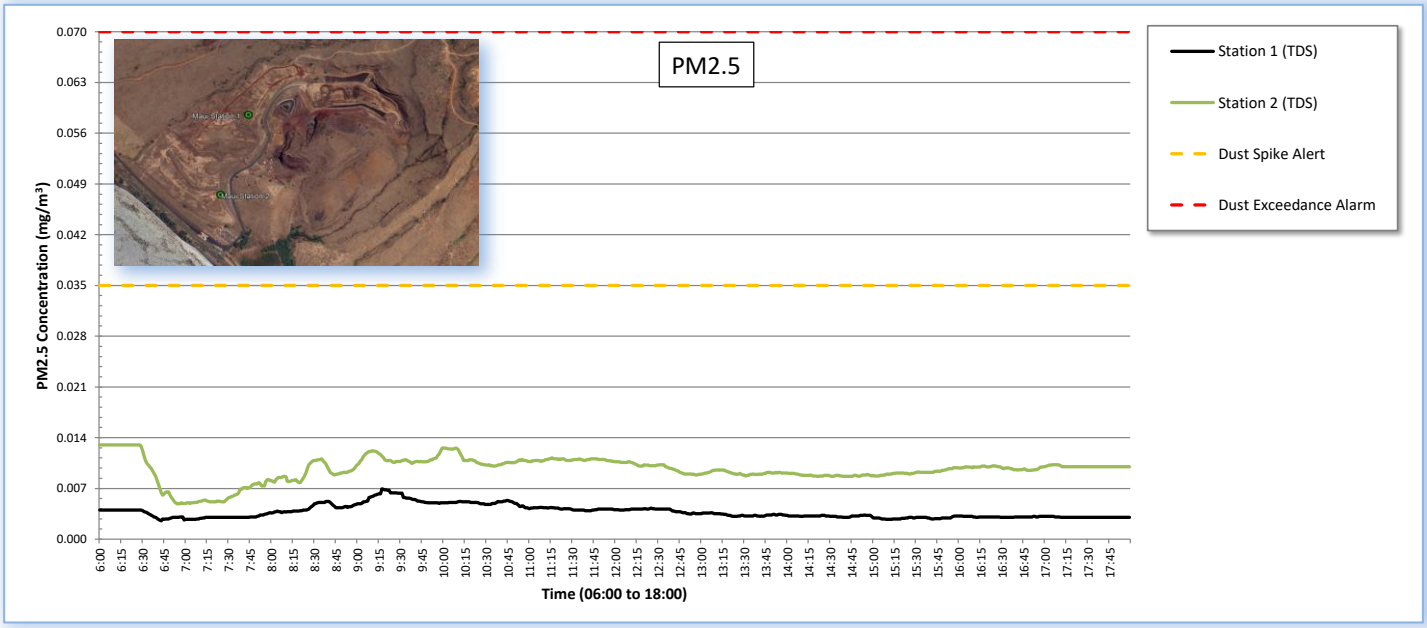
PM2.5 Particulate Summary

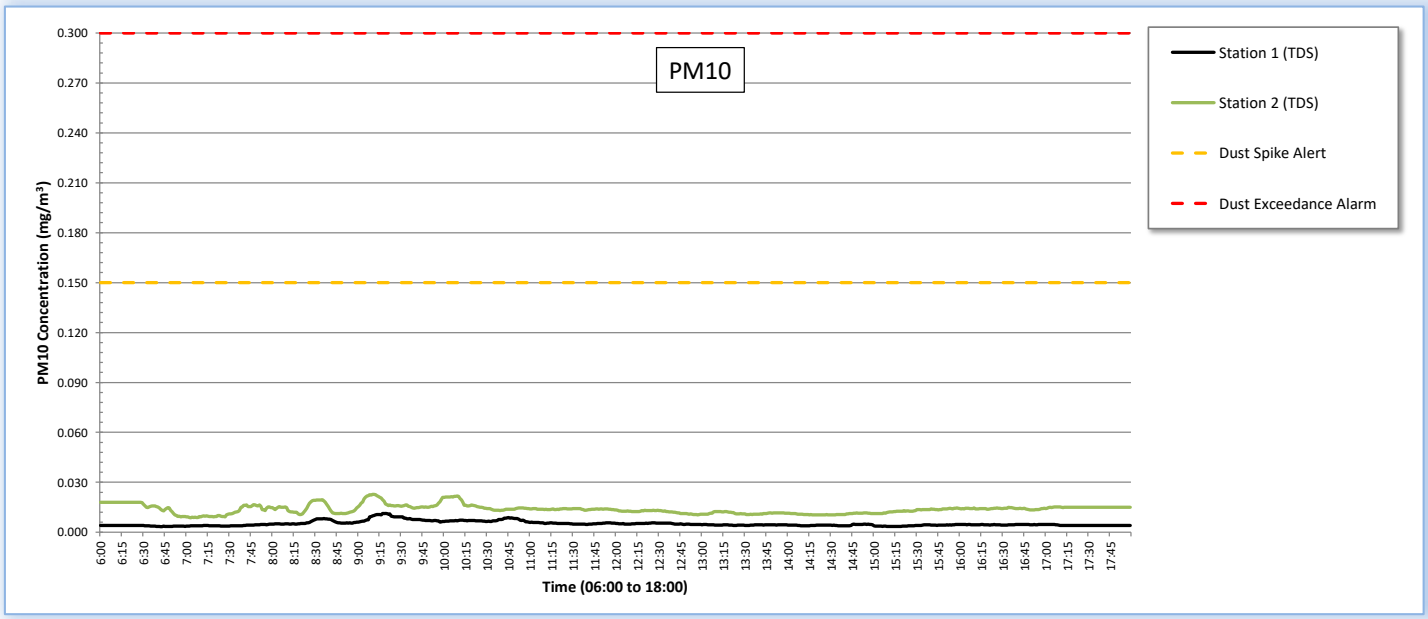
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.004	0.015	9:17	0.004	0.007	9:17
Station 2 (TDS)	0.010	0.017	9:58	0.010	0.013	6:00

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.028	9:08	0.005	0.011	9:17
Station 2 (TDS)	0.067	0.039	7:38	0.014	0.023	9:10

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 03, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 03, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Minimal earth-moving activities occurred at TDS as a part of the scale removal and remediation of the area.

Weather:

		TDS
Precipitation		No precipitation observed. The skies are mostly sunny. Overnight chance of precipitation is 40%.
Wind Direction		SW
Wind Speed	Average	5 mph
	Range	2–12 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	3	9	70	35
PM 10	Avg, ug/M^3	5	12	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/3/2025

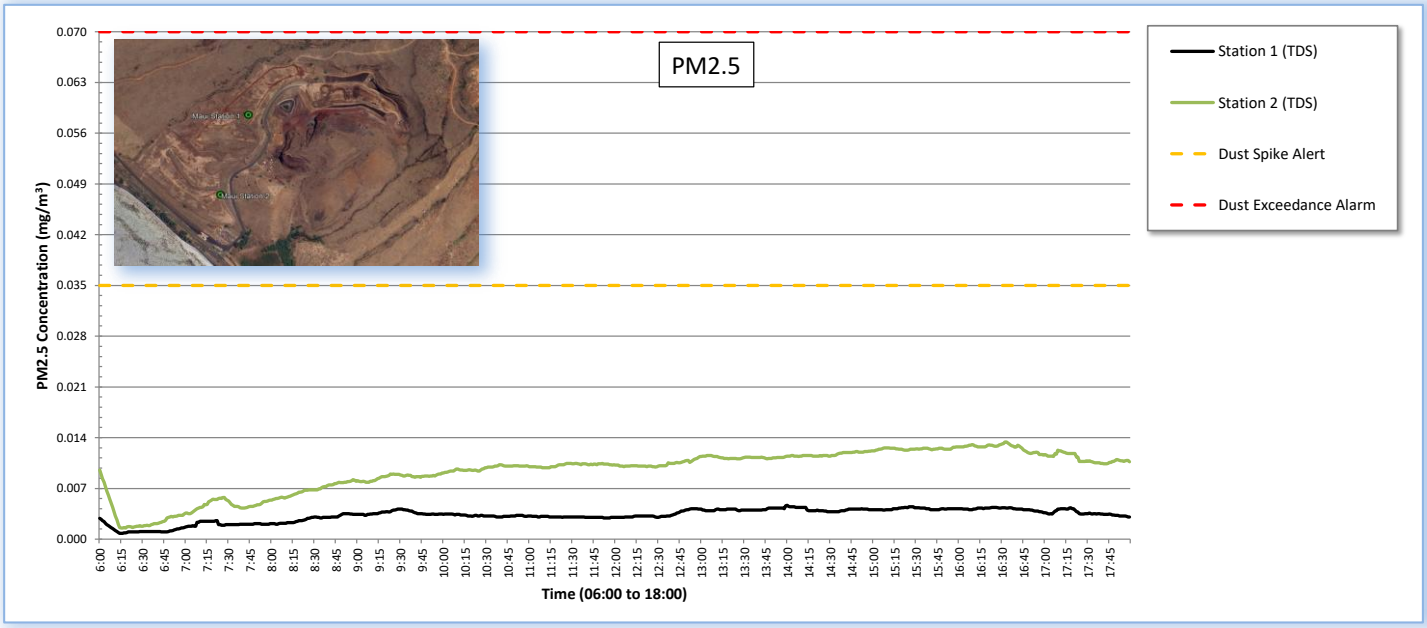
PM2.5 Particulate Summary

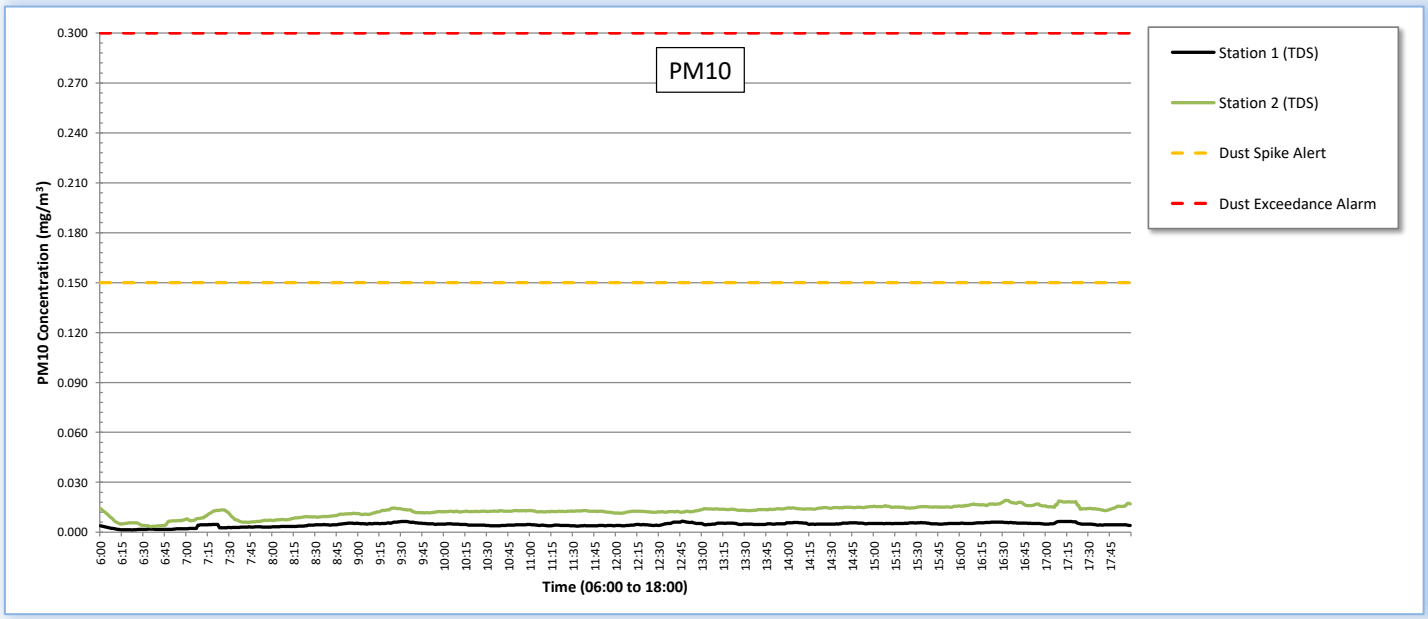
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.003	0.010	7:08	0.003	0.005	14:00
Station 2 (TDS)	0.009	0.020	17:09	0.009	0.013	16:32

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.032	7:08	0.005	0.007	12:46
Station 2 (TDS)	0.066	0.051	17:09	0.012	0.019	16:33

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 04, 2025

Prepared for
United States Army Corps of Engineers

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Debris Transfer Air monitoring: December 04, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities included completion of the scale removal, preparations to restore the scale area, and basic roadside maintenance such as vegetation trimming.

Weather:

		TDS
Precipitation		No precipitation observed throughout the day. The skies were mostly sunny. Overnight chance of precipitation is 10%.
Wind Direction		NW
Wind Speed	Average	9 mph
	Range	6–17 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	4	9	70	35
PM 10	Avg, ug/M^3	6	12	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/4/2025

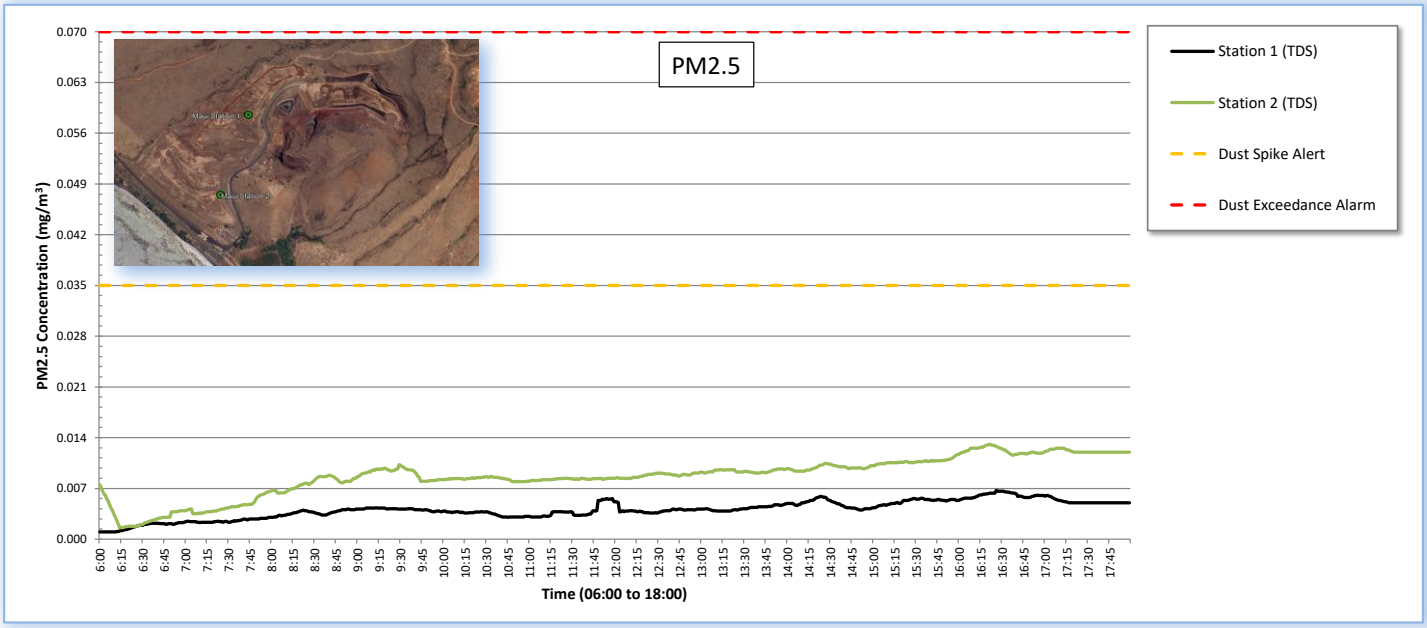
PM2.5 Particulate Summary

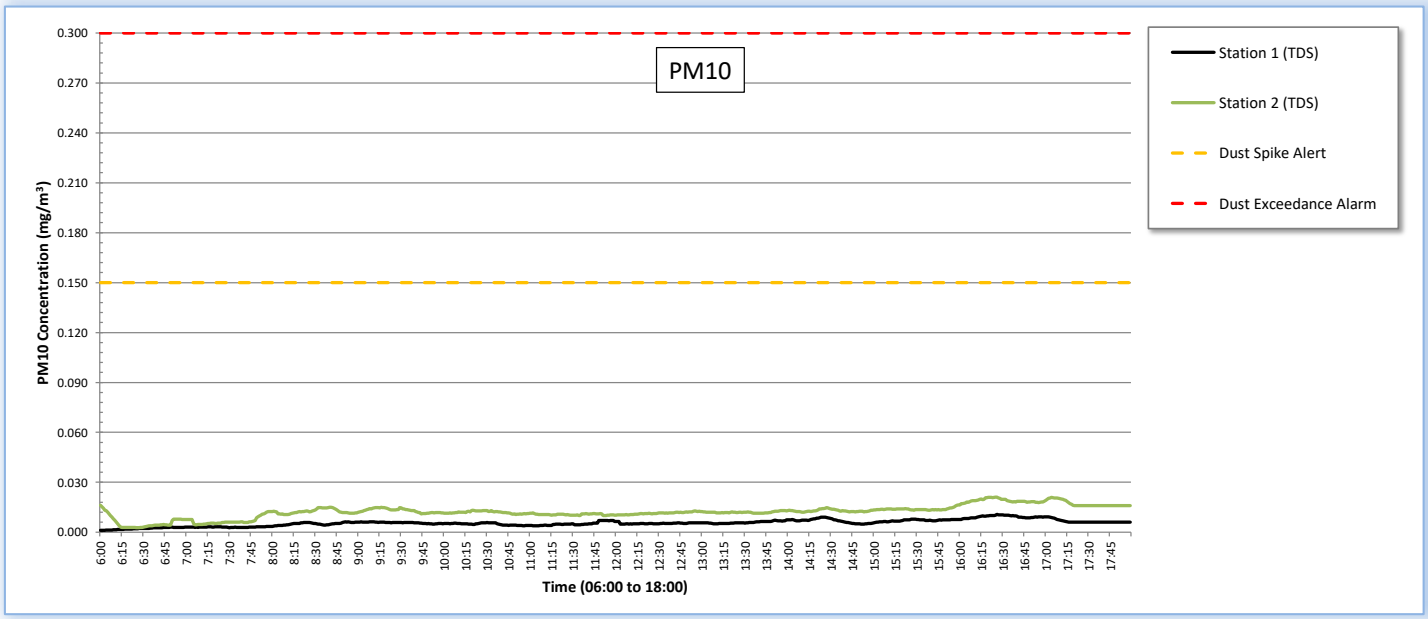
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.004	0.024	11:48	0.004	0.007	16:26
Station 2 (TDS)	0.009	0.017	9:29	0.009	0.013	16:21

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.006	0.027	11:48	0.006	0.011	16:26
Station 2 (TDS)	0.066	0.047	6:50	0.012	0.021	16:25

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 05, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 05, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities included moving earth berms near the laydown area.

Weather:

		TDS
Precipitation		No precipitation was observed. The skies were partly cloudy. Overnight chance of precipitation is 20%.
Wind Direction		E-NE
Wind Speed	Average	9 mph
	Range	5–16 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

Notifications occurring at 0725 and 0727 ate Station 2 were investigated by the AMT. These non-sustained PM2.5 and PM10 spikes were likely due to earth moving operations near the laydown area. Very light winds blew the dust towards station two without dispersing it, which increased the time that the dust was suspended over station two.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	6	12	70	35
PM 10	Avg, ug/M^3	8	21	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/5/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.006	0.013	7:15	0.006	0.008	17:10
Station 2 (TDS)	0.012	0.075	7:19	0.012	0.040	7:29

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.008	0.045	7:15	0.008	0.019	7:28
Station 2 (TDS)	0.069	0.332	7:19	0.021	0.165	7:29

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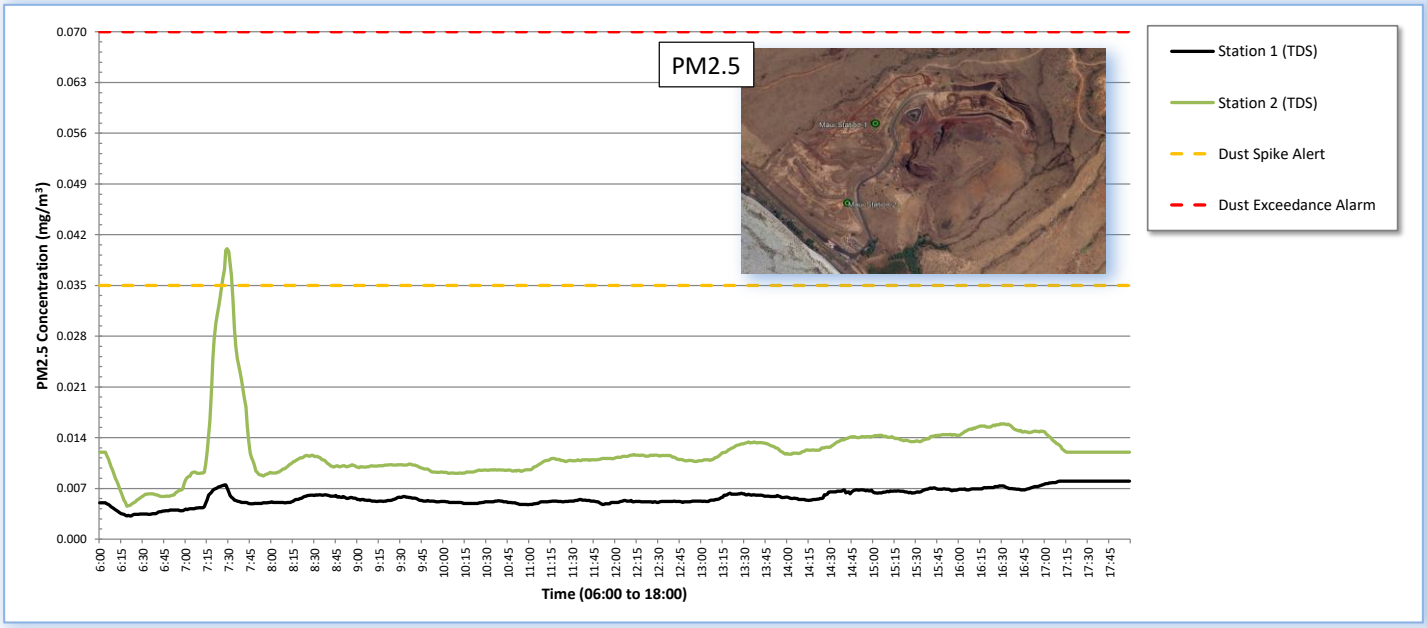

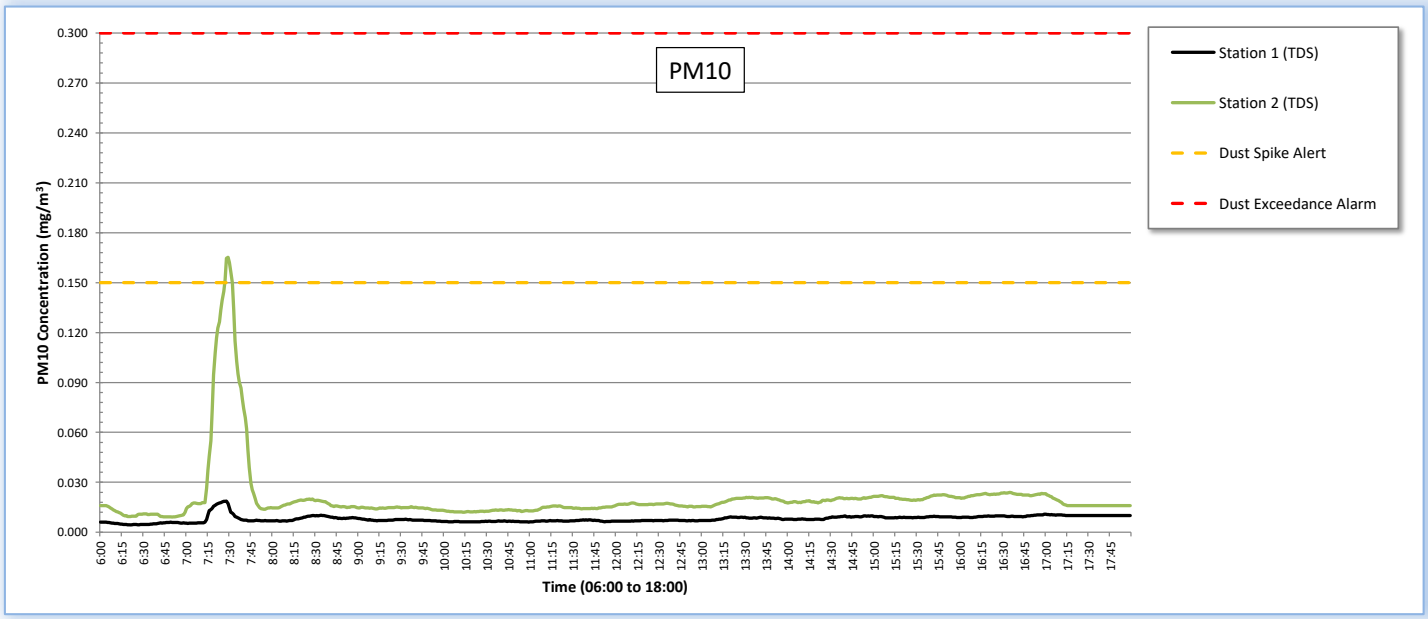

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

BACKGROUND

December 06, 2025

Prepared for
United States Army Corps of Engineers

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Debris Transfer Air monitoring: December 05, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring-BACKGROUND

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. No activities occurred onsite today

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	6	11	70	35
PM 10	Avg, ug/M^3	8	16	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT - BACKGROUND

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/6/2025

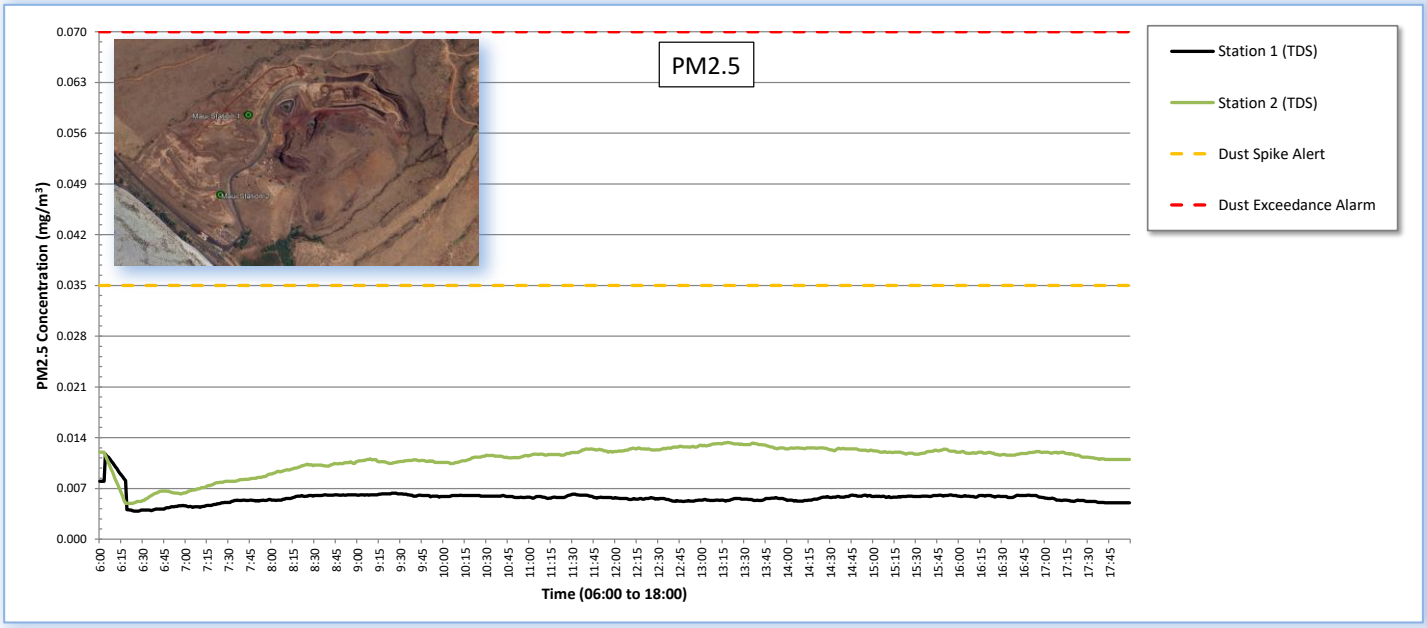
PM2.5 Particulate Summary

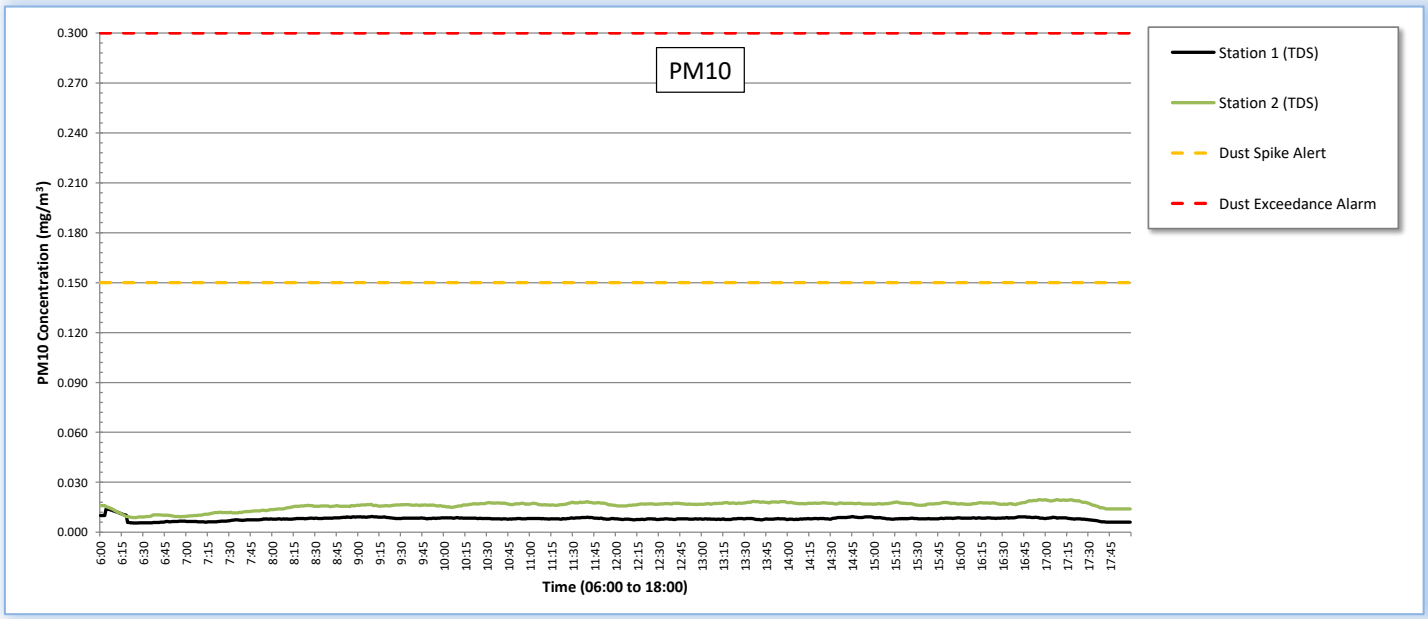
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.006	0.064	6:04	0.006	0.012	6:04
Station 2 (TDS)	0.011	0.015	12:59	0.011	0.013	13:18

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.008	0.070	6:04	0.008	0.014	6:04
Station 2 (TDS)	0.068	0.025	16:55	0.016	0.020	17:08

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

BACKGROUND

December 07, 2025

Prepared for
United States Army Corps of Engineers

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Debris Transfer Air monitoring: December 07, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring-BACKGROUND

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. No activities occurred onsite today

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	5	10	70	35
PM 10	Avg, ug/M^3	6	12	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT - BACKGROUND

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/7/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.005	6:00	0.005	0.005	6:00
Station 2 (TDS)	0.009	0.015	16:56	0.010	0.012	13:55

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.006	0.006	6:00	0.006	0.006	6:00
Station 2 (TDS)	0.084	0.028	16:21	0.012	0.016	16:56

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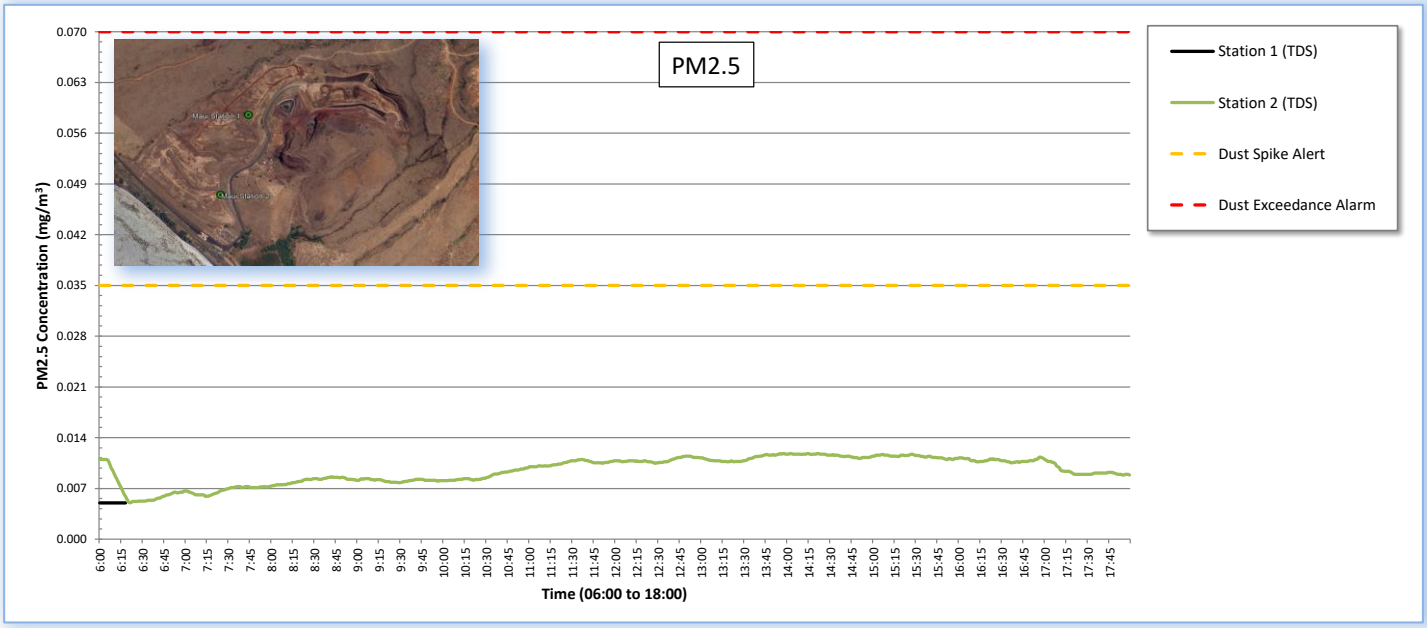

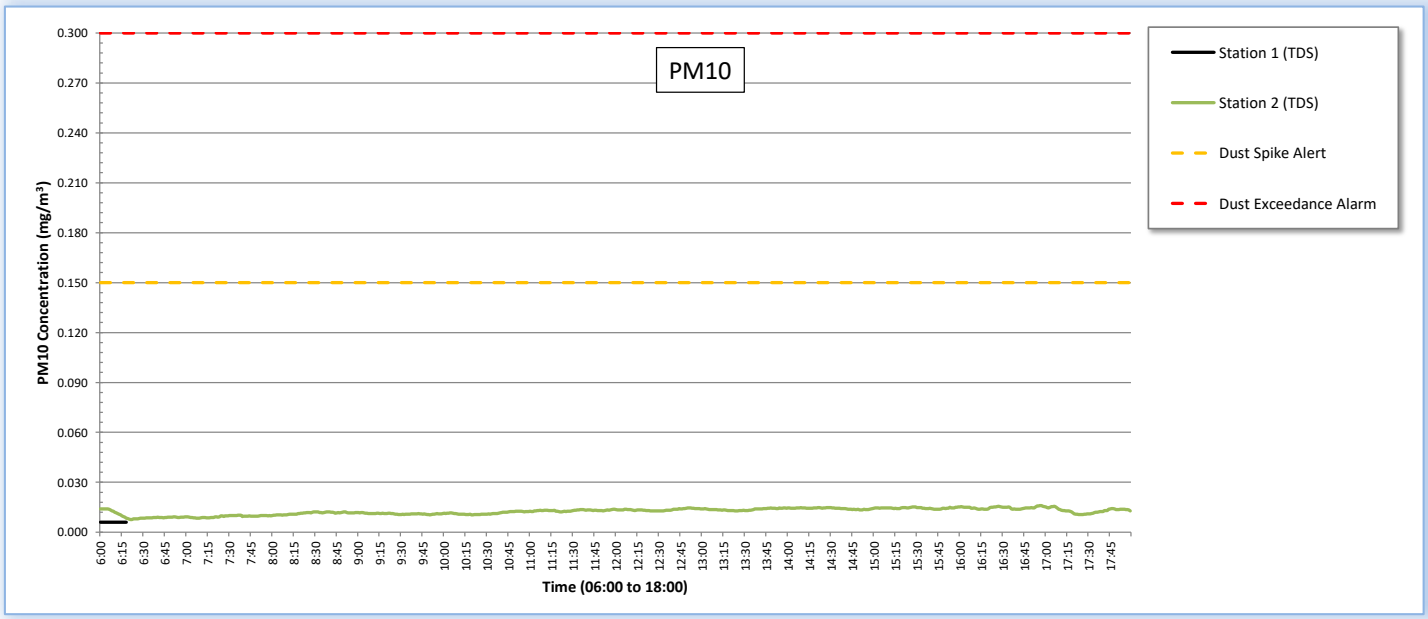

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 08, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 08, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities included moving earth berms near the laydown area, unloading K beams, and paving the scale area with blacktop.

Weather:

		TDS
Precipitation		No rain observed during the day. The skies were sunny. Overnight chance of precipitation is 10%.
Wind Direction		N-NE
Wind Speed	Average	8 mph
	Range	5–20 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	4	10	70	35
PM 10	Avg, ug/M^3	5	13	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/8/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.004	0.008	13:05	0.004	0.005	13:52
Station 2 (TDS)	0.010	0.017	12:30	0.010	0.013	12:38

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.019	13:45	0.005	0.008	14:19
Station 2 (TDS)	0.068	0.033	12:25	0.013	0.020	12:31

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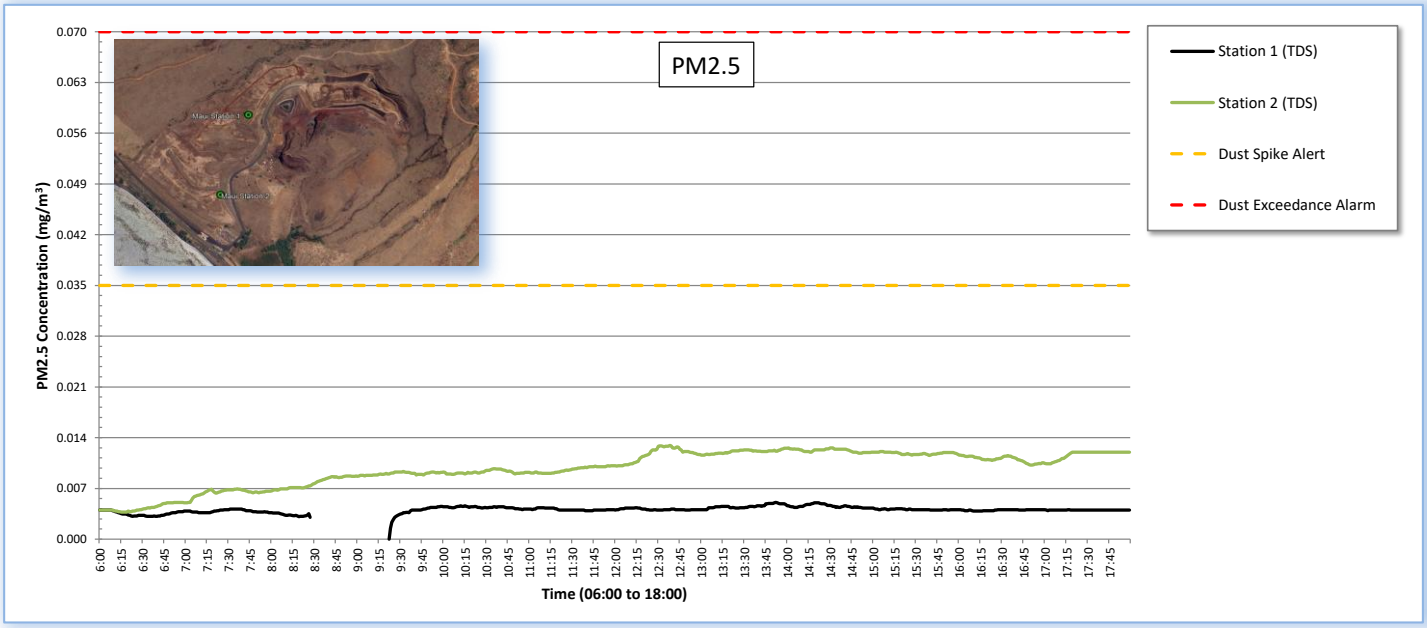

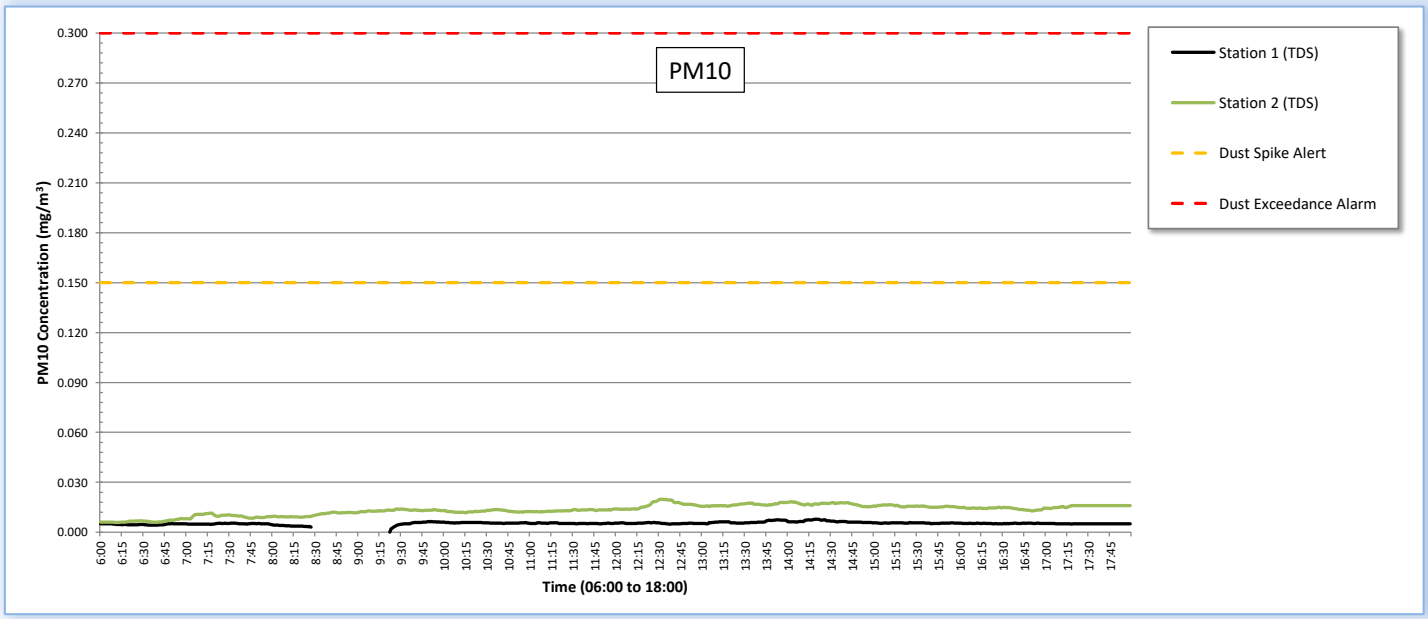

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 09, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 09, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities included moving earth berms and concrete barriers near the laydown area and loading equipment for demobilization.

Weather:

		TDS
Precipitation		No rain observed during the day. The skies were mostly sunny. Overnight chance of precipitation is 10%.
Wind Direction		S-SE
Wind Speed	Average	6 mph
	Range	4–14 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day. VOG (volcanic smog) from the Kīlauea resulted in a high AQI all day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	3	10	70	35
PM 10	Avg, ug/M^3	4	14	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/9/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.003	0.008	9:01	0.003	0.005	9:05
Station 2 (TDS)	0.010	0.019	13:45	0.010	0.014	11:50

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.004	0.024	14:41	0.004	0.008	9:05
Station 2 (TDS)	0.067	0.042	13:45	0.014	0.022	13:26

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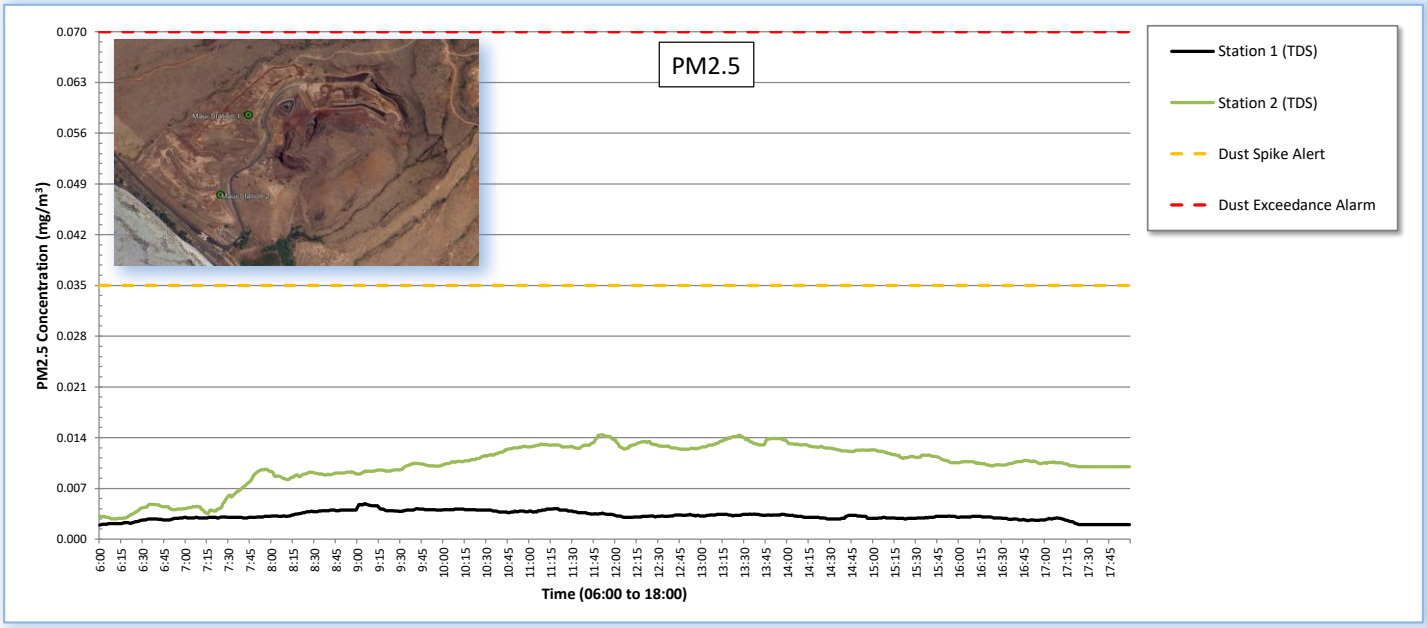

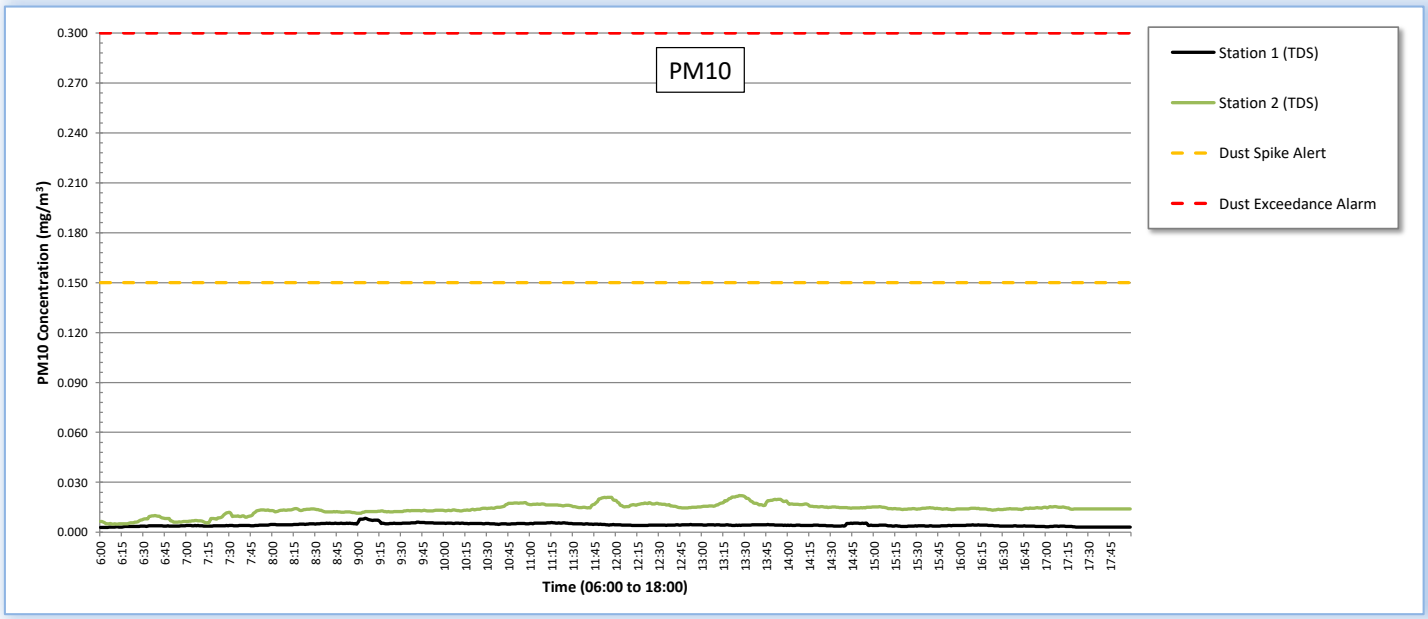

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 10, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 10, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities included moving earth berms near the laydown area, demobilizing equipment and structures from the laydown area, and moving earth around the leachate pond. A water truck was actively spraying the laydown and earth moving areas all day.

Weather:

		TDS
Precipitation		No rain observed during the day. The skies were mostly sunny. Overnight chance of precipitation is 20%.
Wind Direction		S-SW
Wind Speed	Average	7 mph
	Range	5–17 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day. Three notifications occurring at Station two from 0932-0942 were investigated by the AMT. These non-sustained PM2.5 and PM10 spikes and PM2.5 exceedance were likely due to a truck that was driving on the dirt roads upwind of and nearby the station. These roads have not had vehicle traffic on them recently and were very dry and dusty.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	4	16	70	35
PM 10	Avg, ug/M^3	6	19	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/10/2025

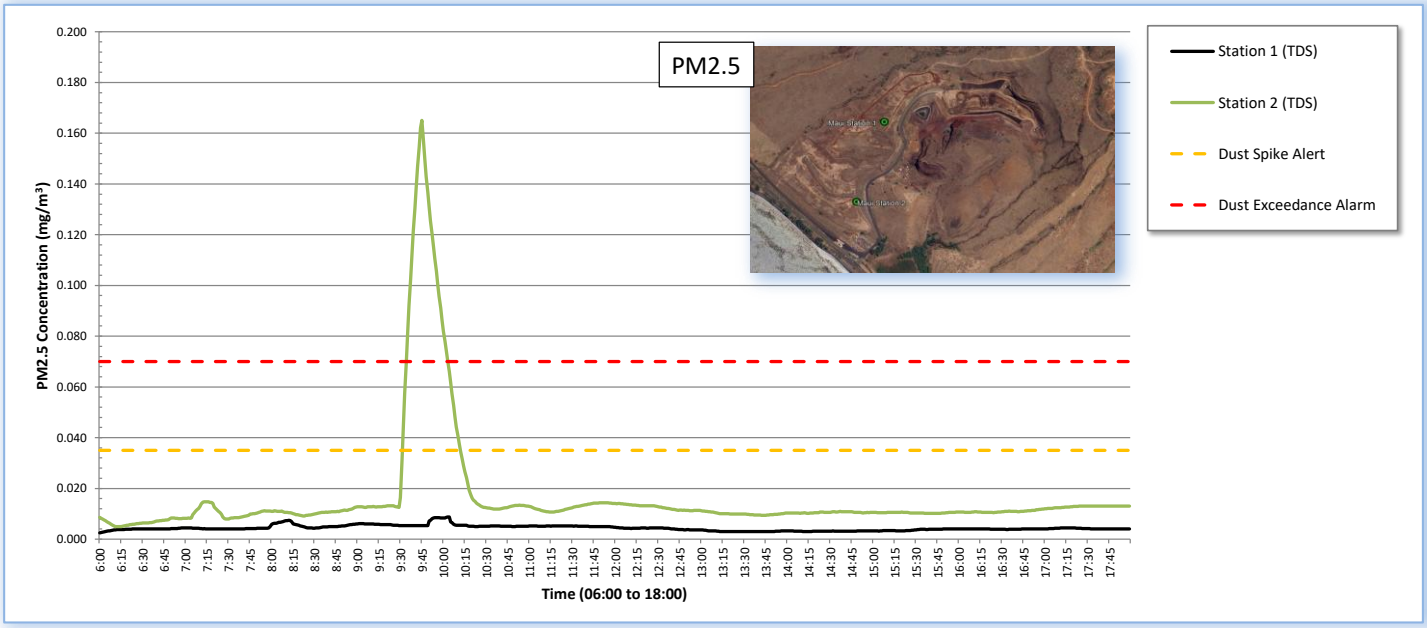
PM2.5 Particulate Summary

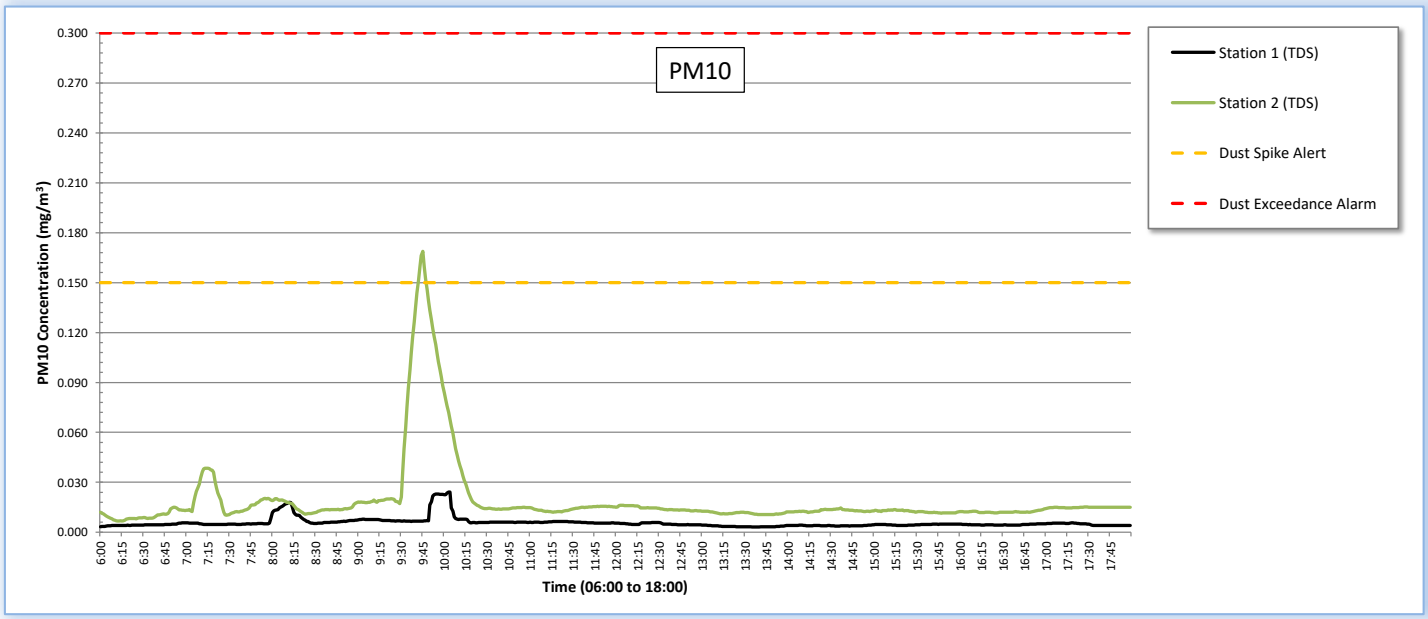
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.004	0.034	9:50	0.004	0.009	10:03
Station 2 (TDS)	0.016	0.234	9:31	0.016	0.165	9:45

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.006	0.149	9:50	0.006	0.024	10:03
Station 2 (TDS)	0.069	0.246	9:31	0.019	0.169	9:45

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 11, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 11, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities included rolling earth near the laydown area, demobilizing equipment, and moving earth around the leachate pond. A water truck was actively spraying the laydown and earth moving areas all day.

Weather:

		TDS
Precipitation		Light rain observed during the afternoon. The skies were mostly cloudy. Overnight chance of precipitation is 70%.
Wind Direction		N
Wind Speed	Average	8 mph
	Range	4–15 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	5	4	70	35
PM 10	Avg, ug/M^3	7	6	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/11/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.014	7:35	0.005	0.008	12:08
Station 2 (TDS)	0.004	0.018	8:19	0.004	0.016	6:49

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.007	0.046	7:35	0.007	0.016	7:48
Station 2 (TDS)	0.065	0.030	6:47	0.006	0.022	6:59

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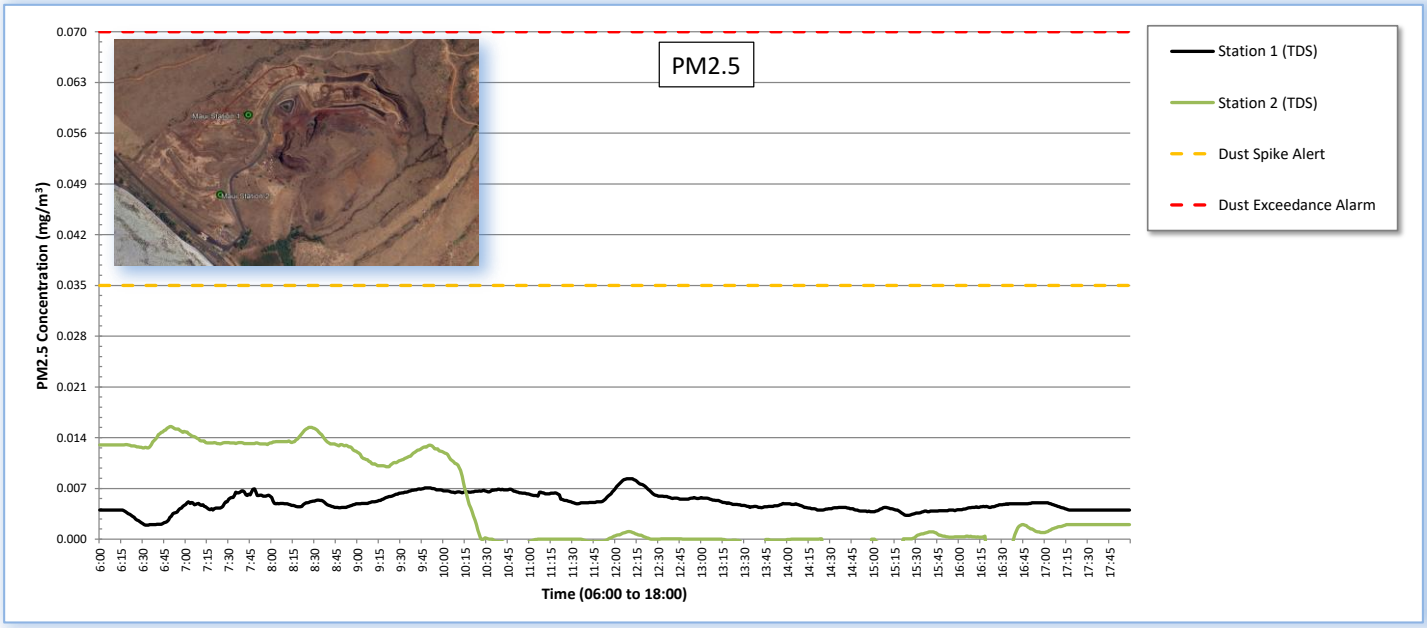

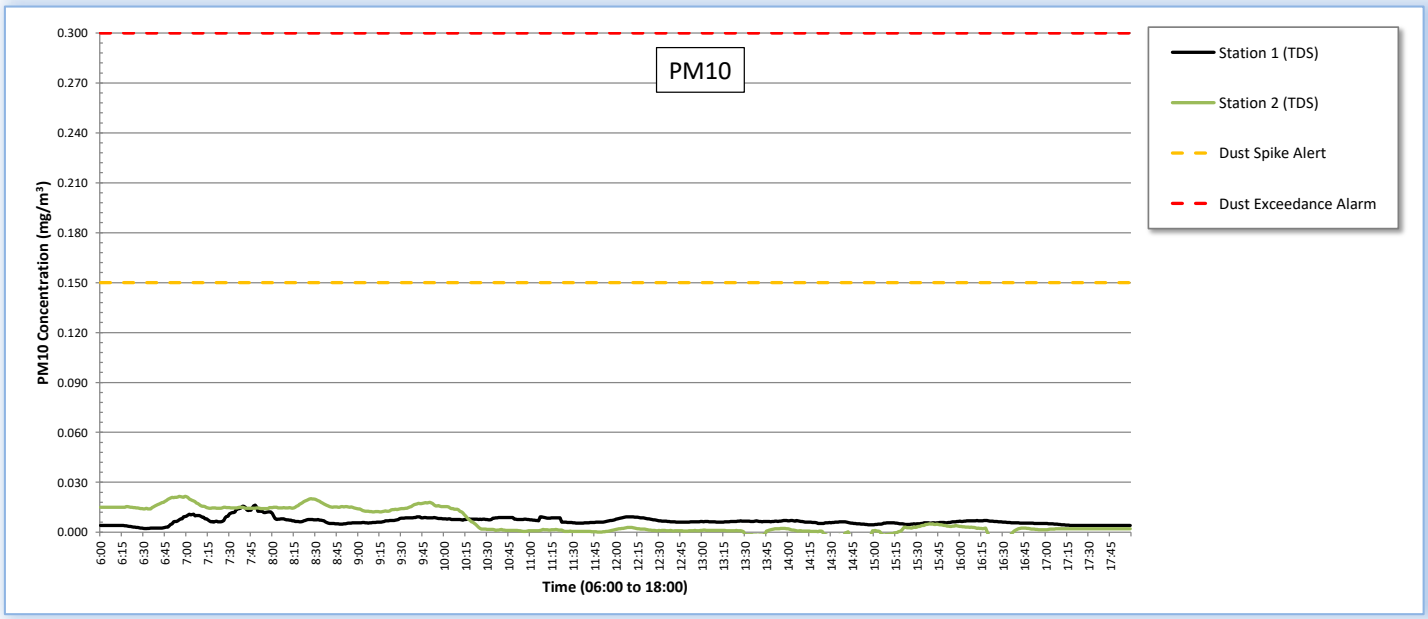

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 12, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 12, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Work activities included trash removal along the roadways, moving earth near the laydown area, demobilizing equipment and structures from the laydown area, and moving earth around the leachate pond.

Weather:

		TDS
Precipitation		Light isolated showers observed throughout the day. The skies are partly cloudy. Overnight chance of precipitation is 40%.
Wind Direction		E
Wind Speed	Average	5 mph
	Range	3–14 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

Station one underwent maintenance from 1100-1125. Maintenance included cleaning the heating inlet, checking and cleaning the internal filter, and changing the battery.

Station two underwent maintenance from 1130-1205. Maintenance included cleaning the heating inlet, checking and cleaning the internal filter, and changing the battery.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	5	6	70	35
PM 10	Avg, ug/M^3	6	9	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/12/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.035	6:00	0.005	0.008	8:31
Station 2 (TDS)	0.006	0.014	8:21	0.006	0.011	8:32

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.006	0.035	6:00	0.006	0.008	8:31
Station 2 (TDS)	0.066	0.034	6:37	0.009	0.016	8:32

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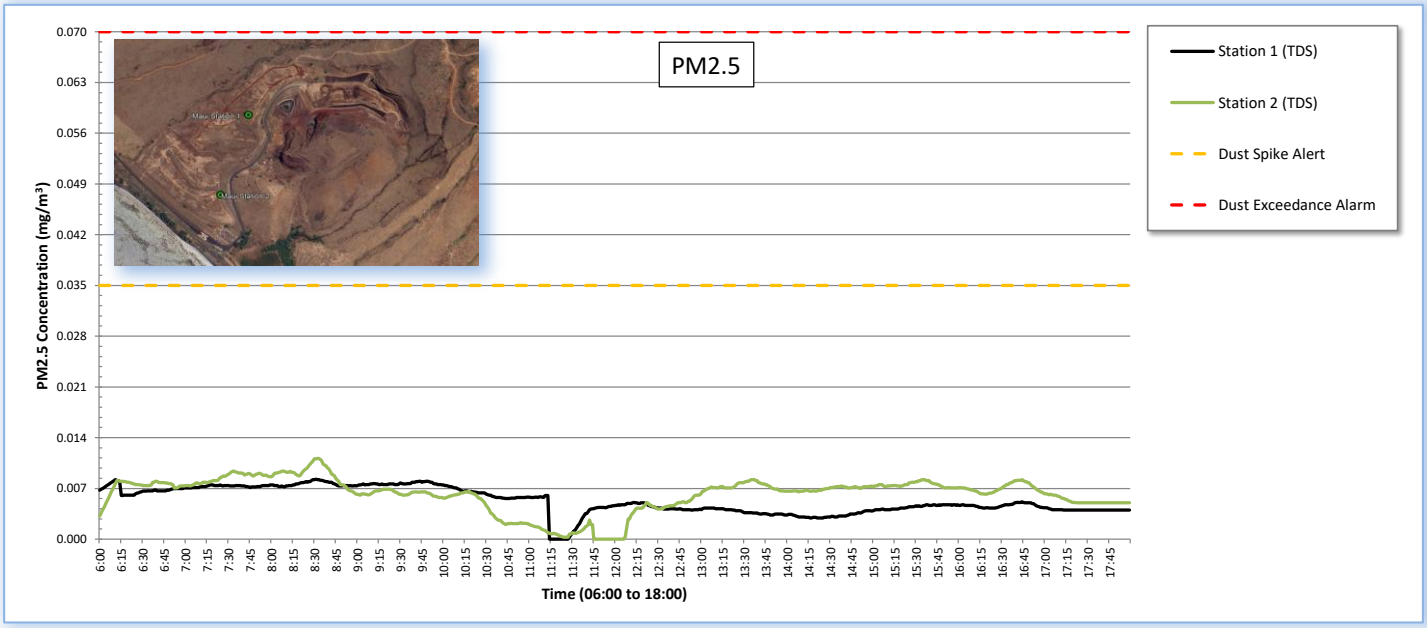

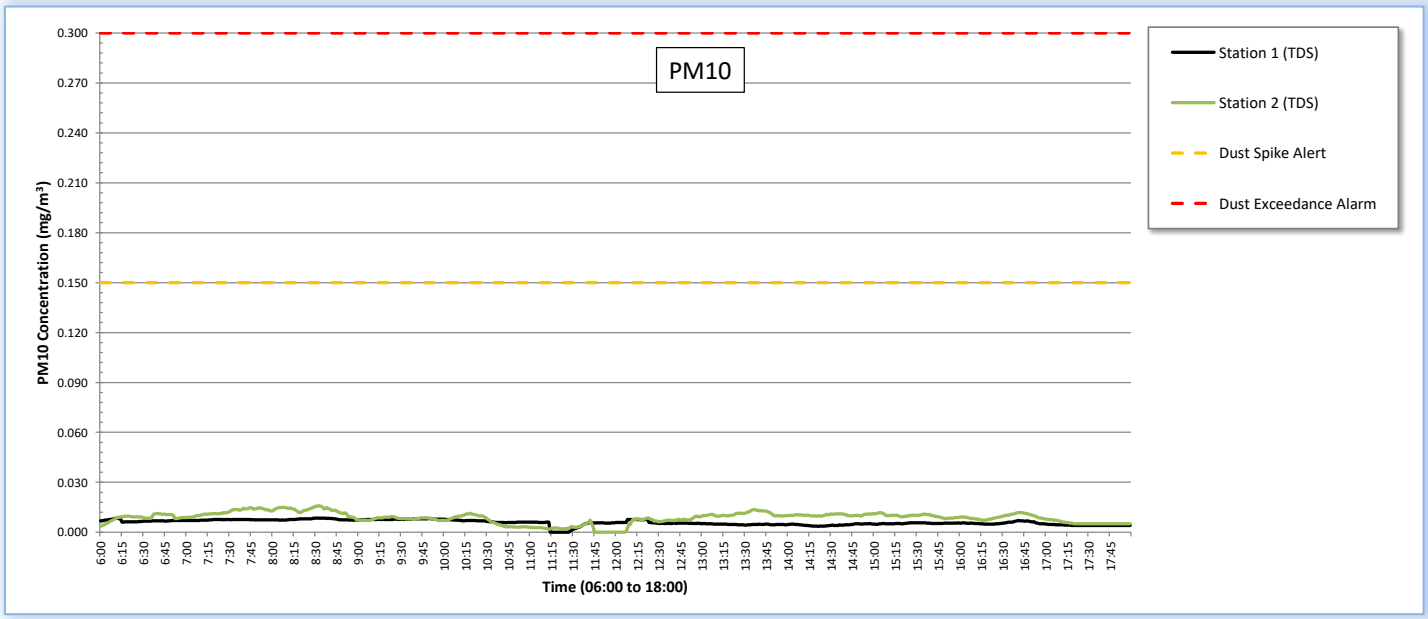

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

BACKGROUND

December 13, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 13, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring-BACKGROUND

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. No activities occurred onsite today

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	10	13	70	35
PM 10	Avg, ug/M^3	11	17	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT - BACKGROUND

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/13/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.010	0.046	15:49	0.010	0.014	9:14
Station 2 (TDS)	0.013	0.020	9:05	0.013	0.019	9:09

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.011	0.140	15:49	0.011	0.020	15:49
Station 2 (TDS)	0.069	0.041	11:37	0.017	0.025	11:46

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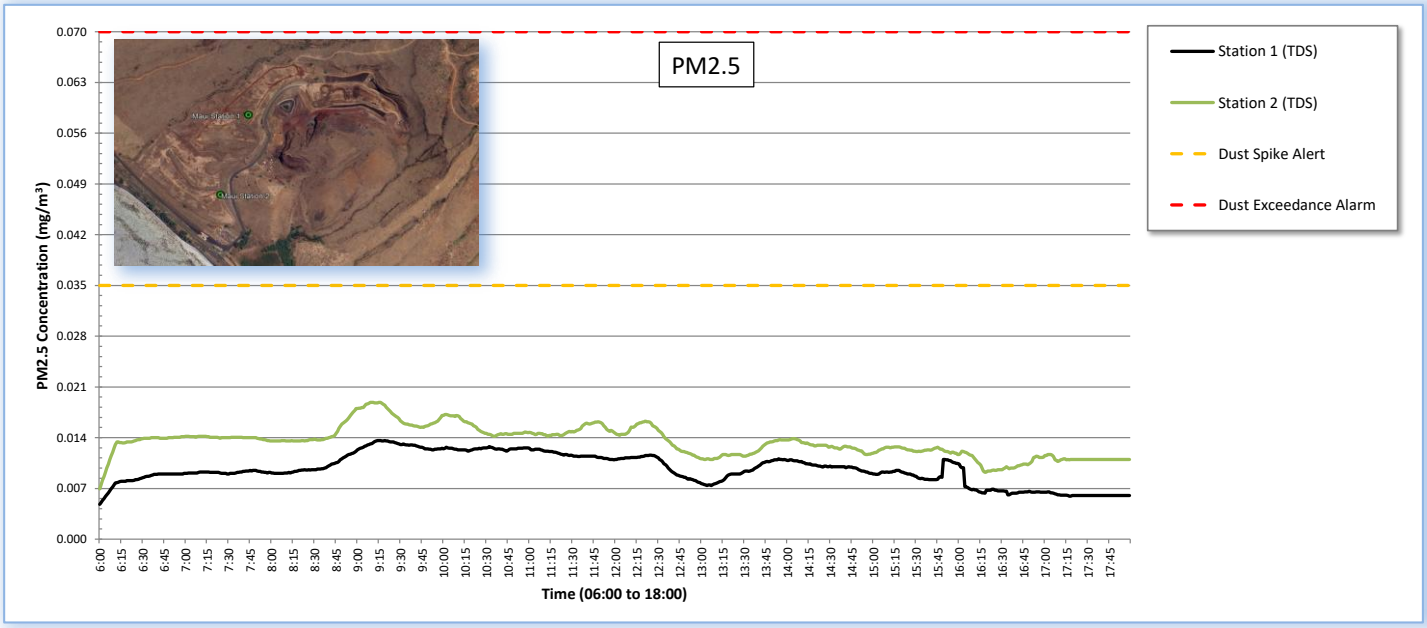

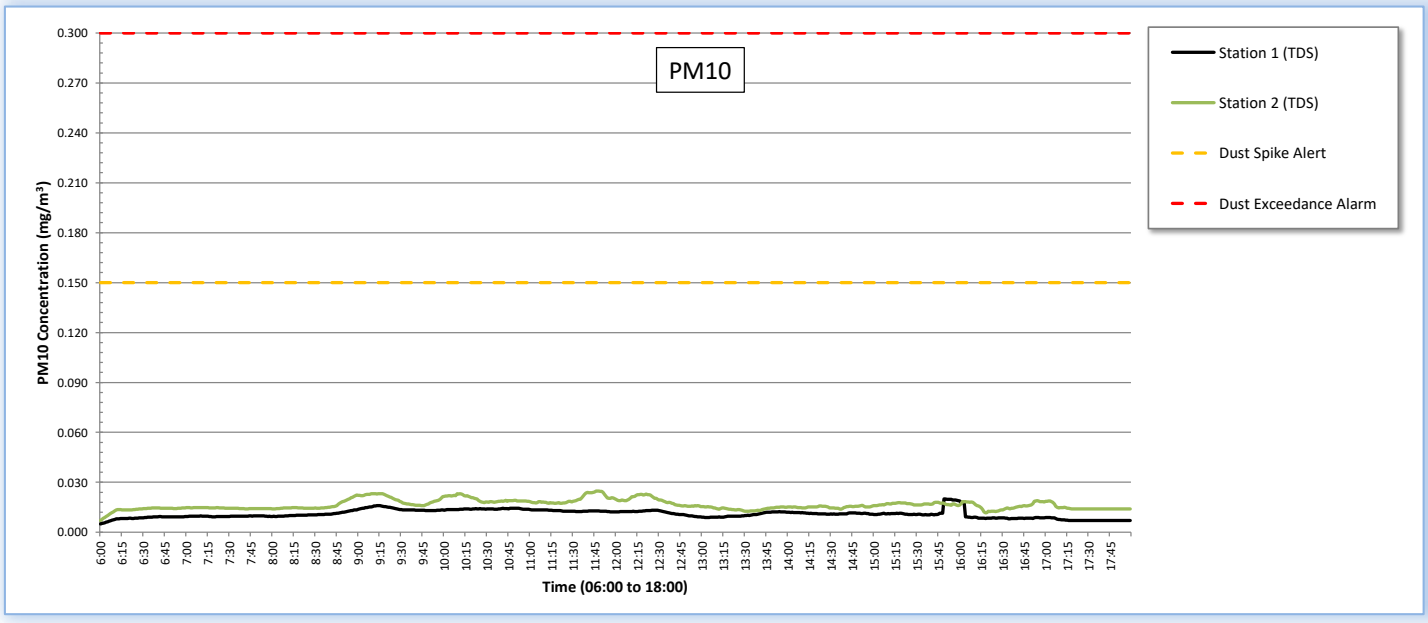

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

BACKGROUND

December 14, 2025

Prepared for
United States Army Corps of Engineers

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Debris Transfer Air monitoring: December 14, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring-BACKGROUND

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. No activities occurred onsite today

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	8	10	70	35
PM 10	Avg, ug/M^3	9	13	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT - BACKGROUND

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/14/2025

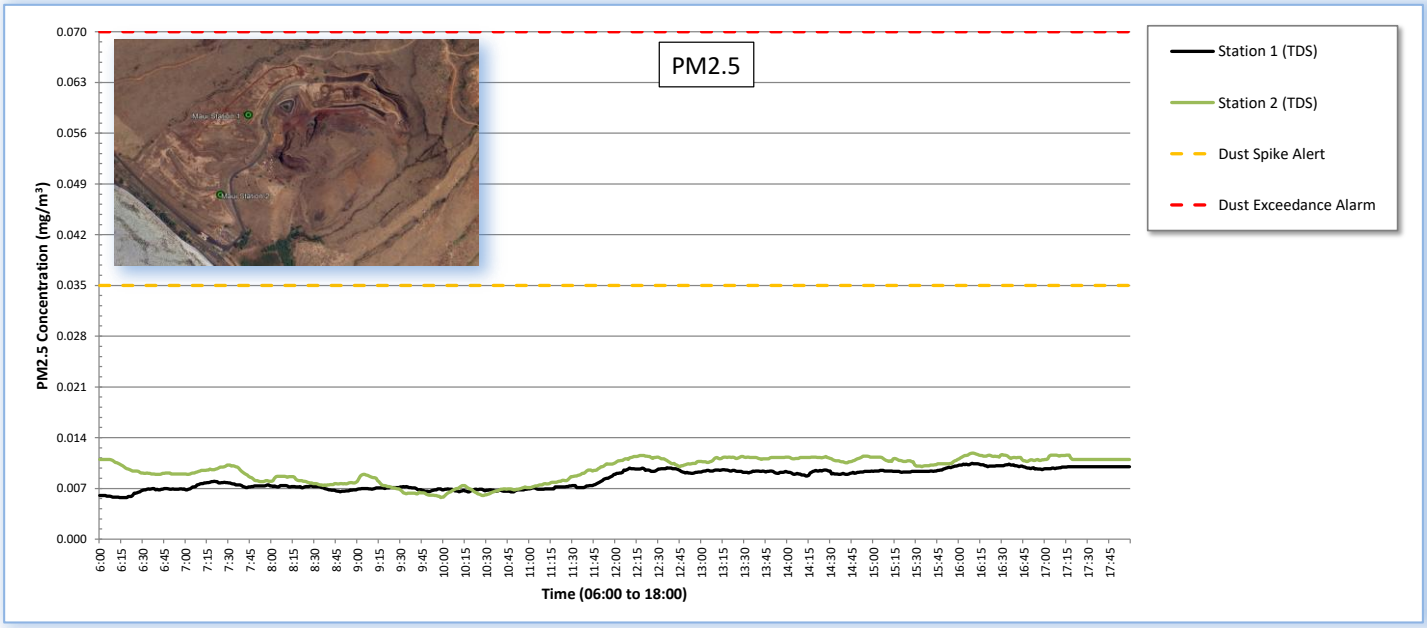
PM2.5 Particulate Summary

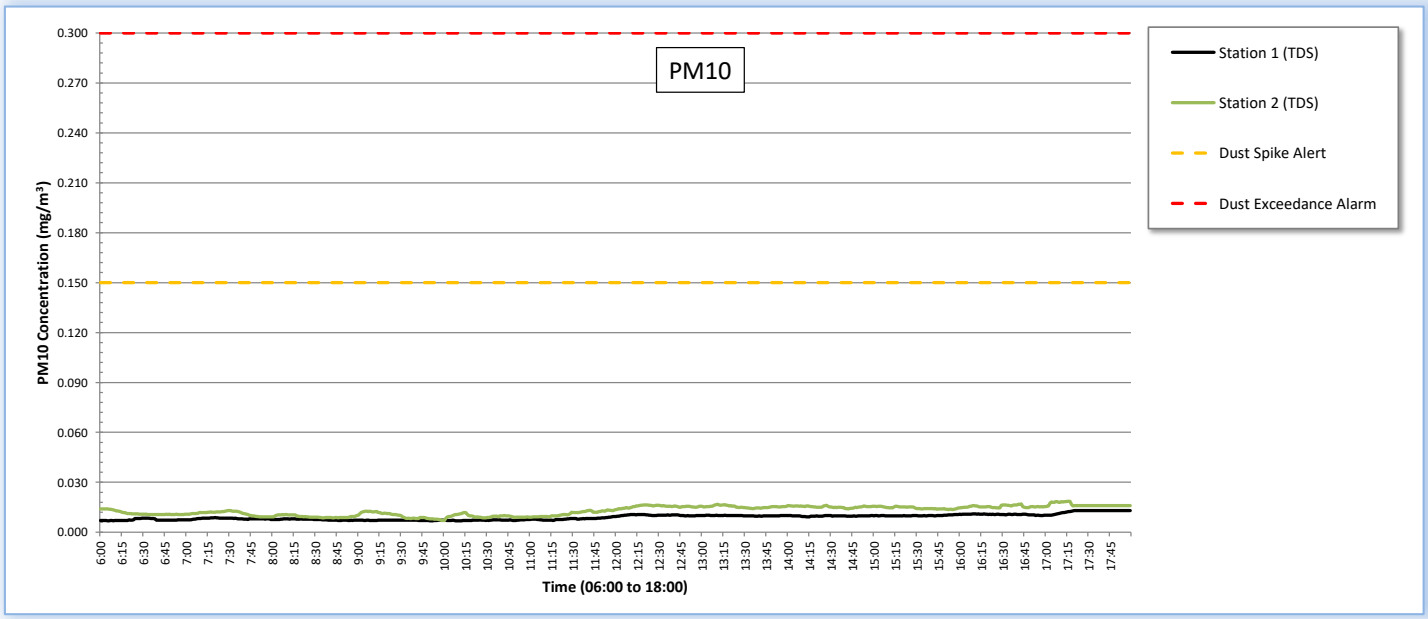
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.008	0.014	14:16	0.008	0.010	16:09
Station 2 (TDS)	0.010	0.017	17:03	0.010	0.012	16:09

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.009	0.018	6:24	0.009	0.013	17:20
Station 2 (TDS)	0.068	0.044	17:03	0.013	0.019	17:15

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 15, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 15, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. TDS site activities included earth moving (excavator operator) above the removed leachate pond and well grouting of the upper well. Minimal dust was observed all day by the AMT. Dust suppression methods (water truck) were implemented all day.

Weather:

		TDS
Precipitation		Scattered moderate rain showers occurred overnight. Light isolated rain showers occurred in the morning and throughout the day. The skies are mostly cloudy all day. Overnight chance of precipitation is 10%.
Wind Direction		SE
Wind Speed	Average	9 mph
	Range	7–14 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	9	8	70	35
PM 10	Avg, ug/M^3	12	12	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/15/2025

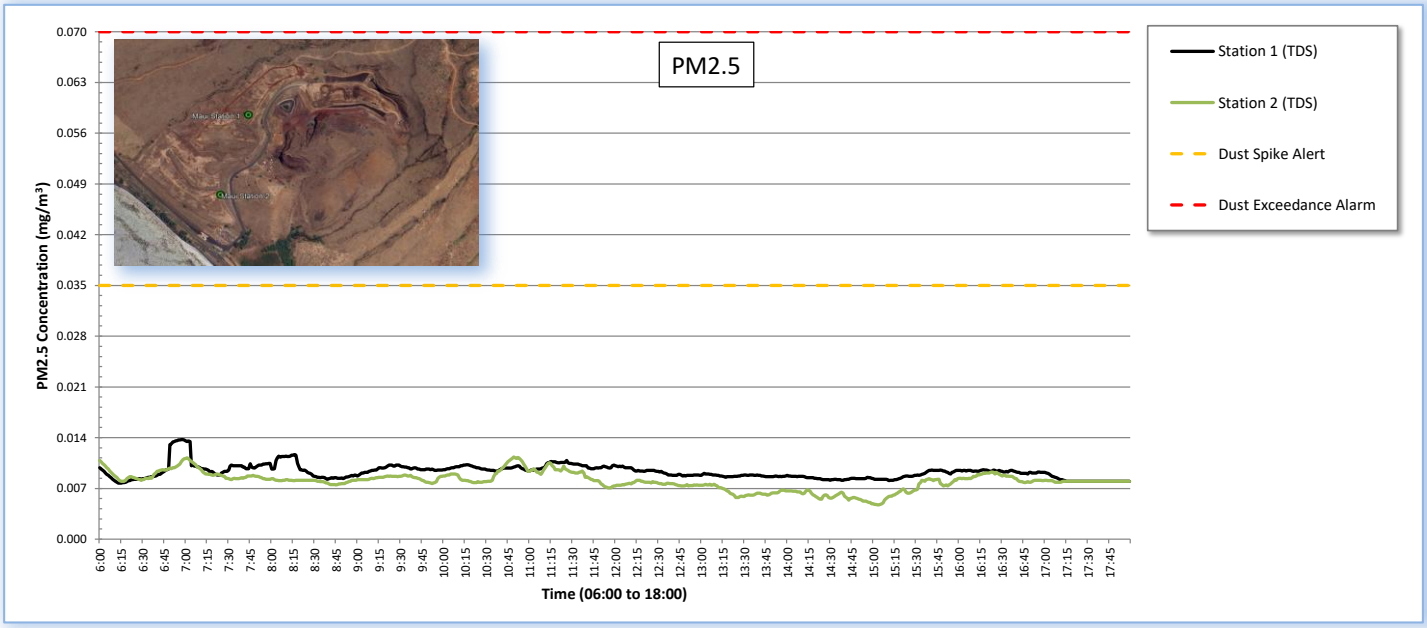
PM2.5 Particulate Summary

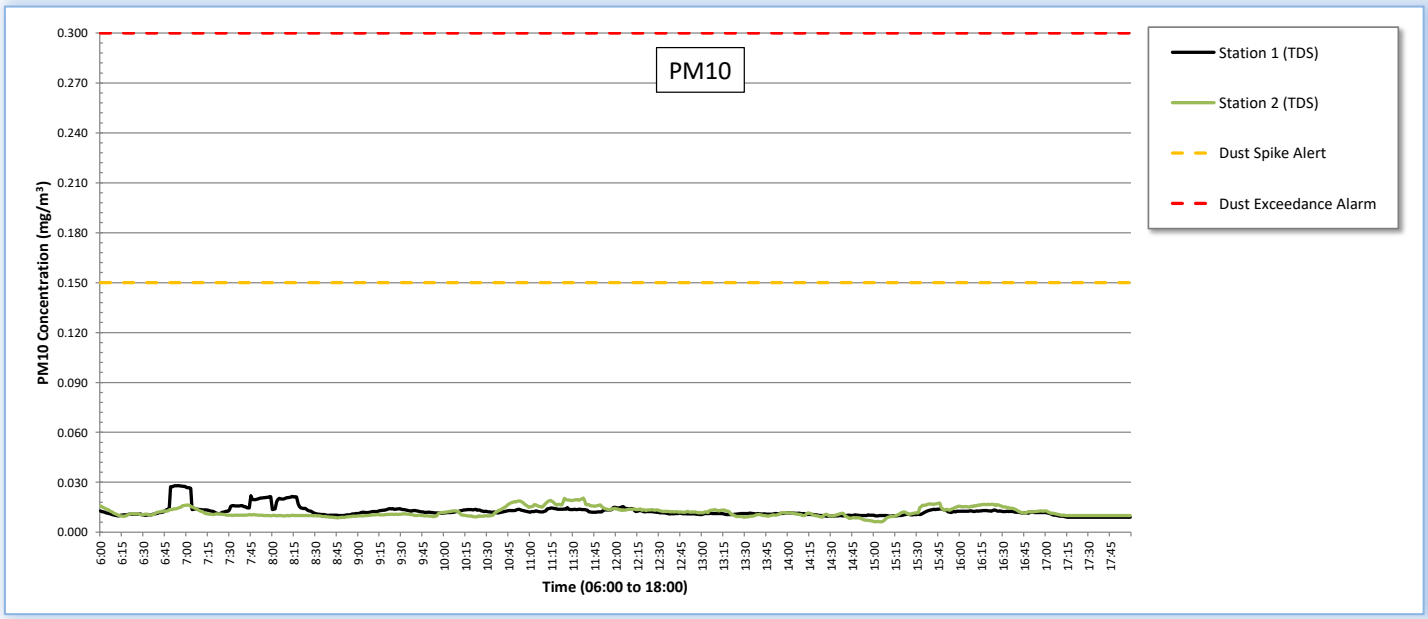
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.009	0.060	6:49	0.009	0.014	6:57
Station 2 (TDS)	0.008	0.017	11:24	0.008	0.011	10:49

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.012	0.207	6:49	0.012	0.028	6:54
Station 2 (TDS)	0.068	0.059	15:32	0.012	0.021	11:37

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 16, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 16, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. TDS earth moving site activities included grating / ex ops in the cell and at the upper and lower wells; including concrete removal.

Weather:

		TDS
Precipitation		Scattered moderate rain showers occurred overnight. Moderate rain showers occurred in the morning and throughout the day. The skies are mostly cloudy all day. Overnight chance of precipitation is 40%. Less than half an inch possible.
Wind Direction		SE
Wind Speed	Average	5 mph
	Range	5–15 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	8	6	70	35
PM 10	Avg, ug/M^3	11	11	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/16/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.008	0.015	6:34	0.008	0.011	17:42
Station 2 (TDS)	0.006	0.017	6:39	0.006	0.011	6:42

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.011	0.049	6:34	0.011	0.016	14:35
Station 2 (TDS)	0.068	0.050	6:41	0.011	0.025	6:42

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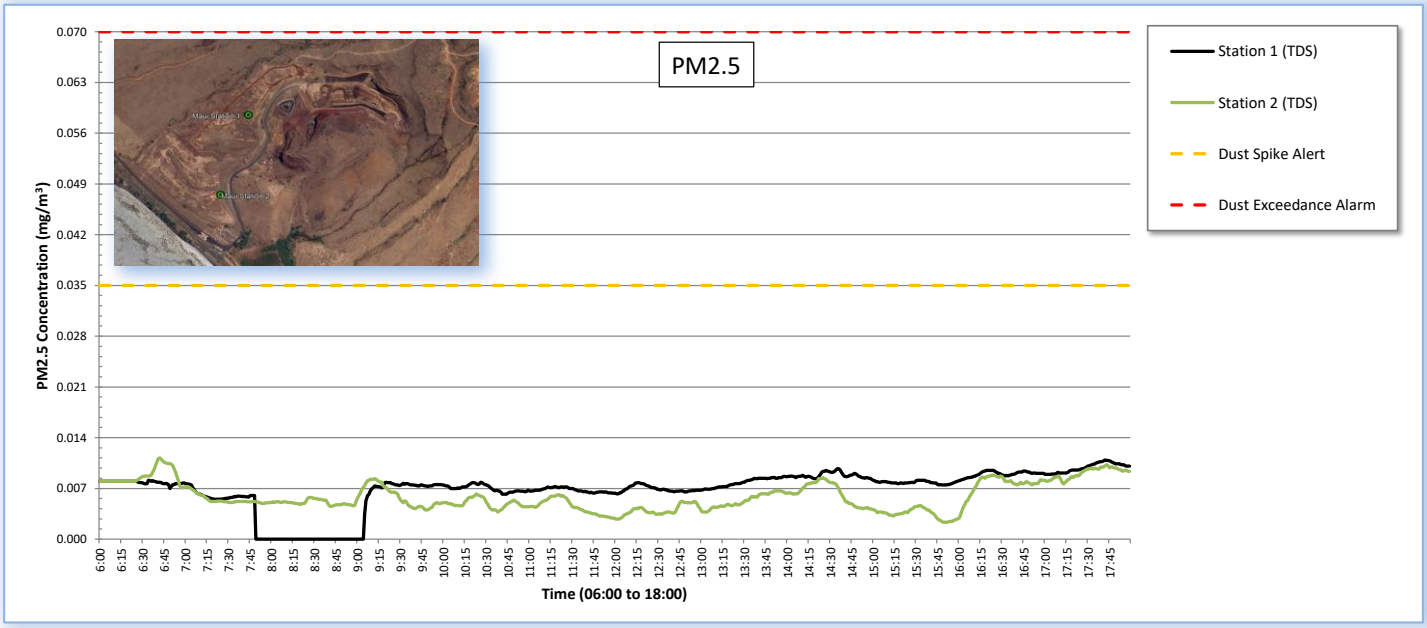

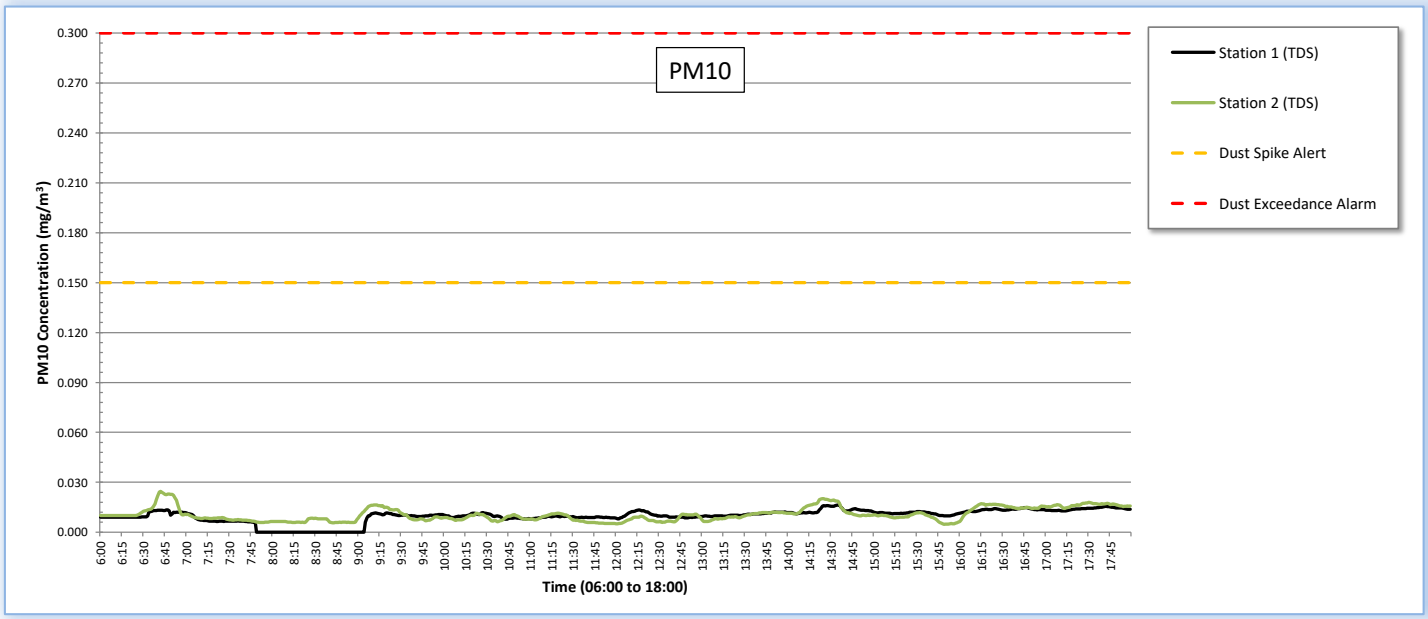

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 17, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 17, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. TDS earth moving site activities included grating of the leachate pond area and sites at both base yards. Overnight rain suppressed dust generation throughout the day.

Weather:

		TDS
Precipitation		Scattered moderate rain showers throughout the day. The skies are partly cloudy all day. Overnight chance of precipitation is 20%. Less than half an inch possible.
Wind Direction		SE
Wind Speed	Average	12 mph
	Range	9–23 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	7	7	70	35
PM 10	Avg, ug/M^3	10	14	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/17/2025

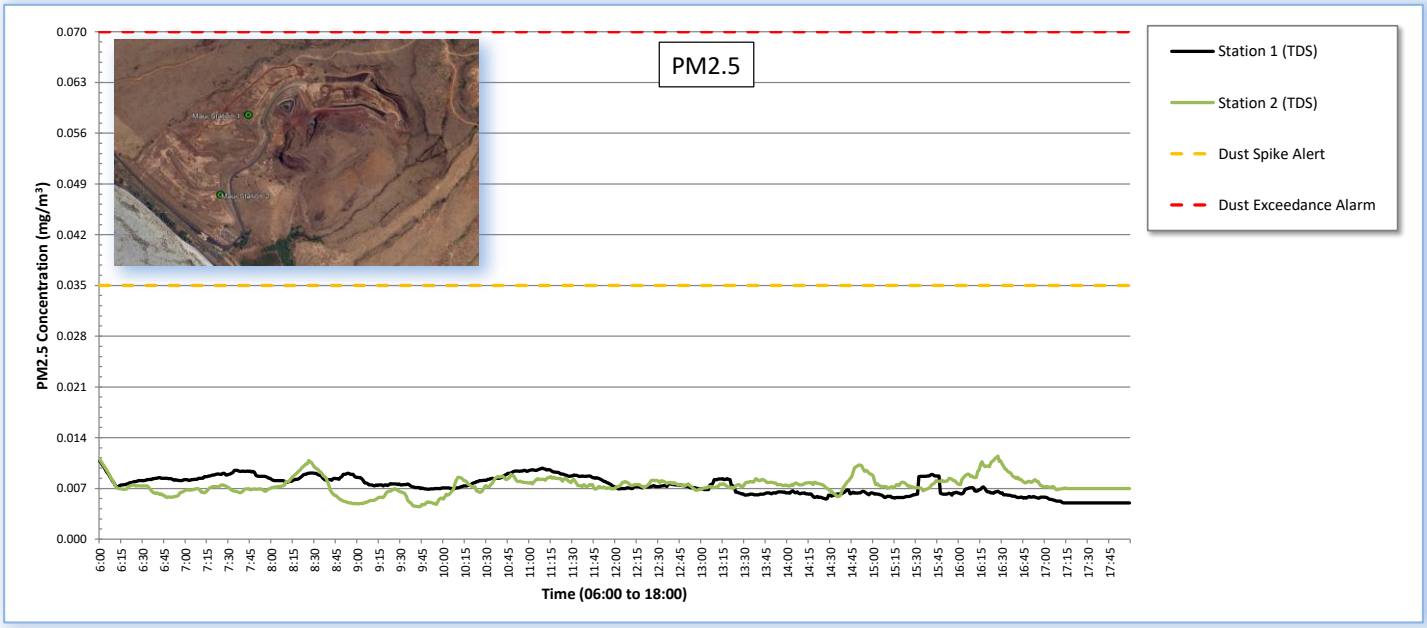
PM2.5 Particulate Summary

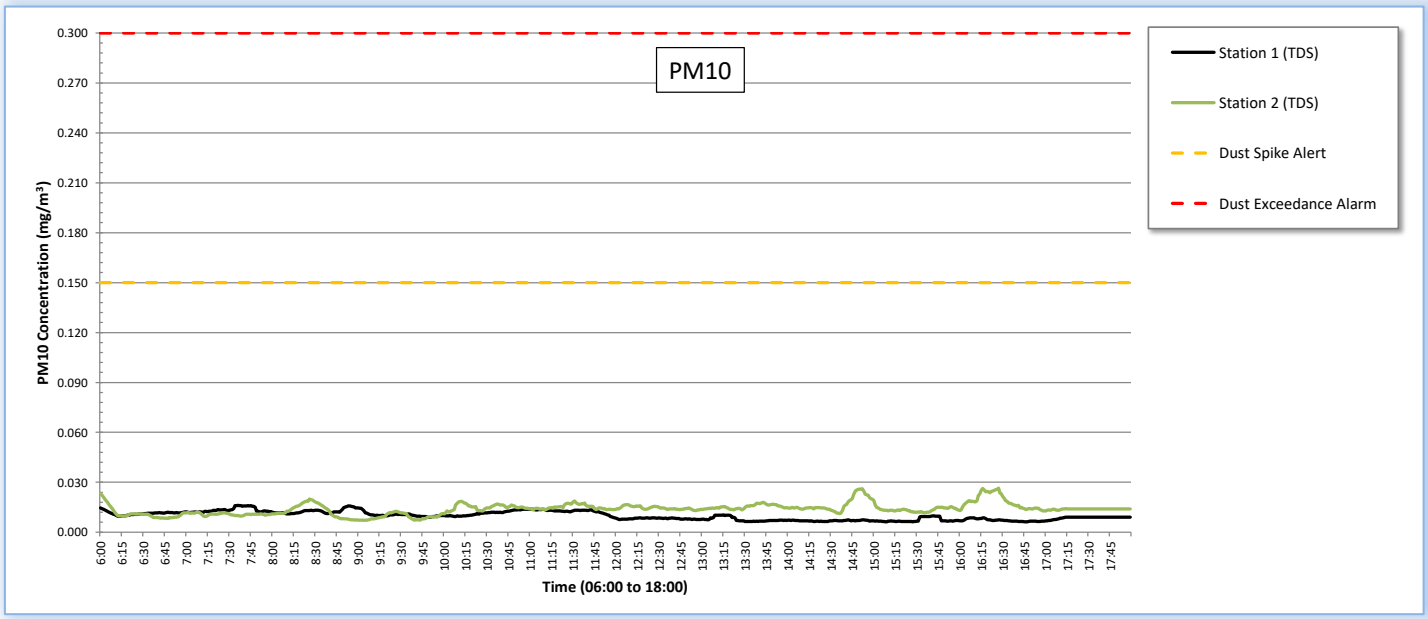
Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.007	0.042	15:32	0.007	0.011	6:00
Station 2 (TDS)	0.007	0.019	16:13	0.007	0.011	16:27

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.010	0.047	7:34	0.010	0.016	7:36
Station 2 (TDS)	0.068	0.059	16:13	0.014	0.026	16:27

"--" indicates no data or NA





DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 18, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 18, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS.

Weather:

		TDS
Precipitation		Light isolated rain showers throughout the day. The skies are partly cloudy all day. Tonight, scattered heavy rain showers. Overnight chance of precipitation is 20% to 40%. Less than half an inch possible.
Wind Direction		SE
Wind Speed	Average	12 mph
	Range	8–18 mph

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	4	3	70	35
PM 10	Avg, ug/M^3	4	5	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/18/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.004	0.020	10:44	0.004	0.006	10:44
Station 2 (TDS)	0.003	0.010	6:52	0.003	0.007	6:00

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.004	0.025	10:44	0.004	0.007	6:00
Station 2 (TDS)	0.066	0.020	9:58	0.005	0.012	6:00

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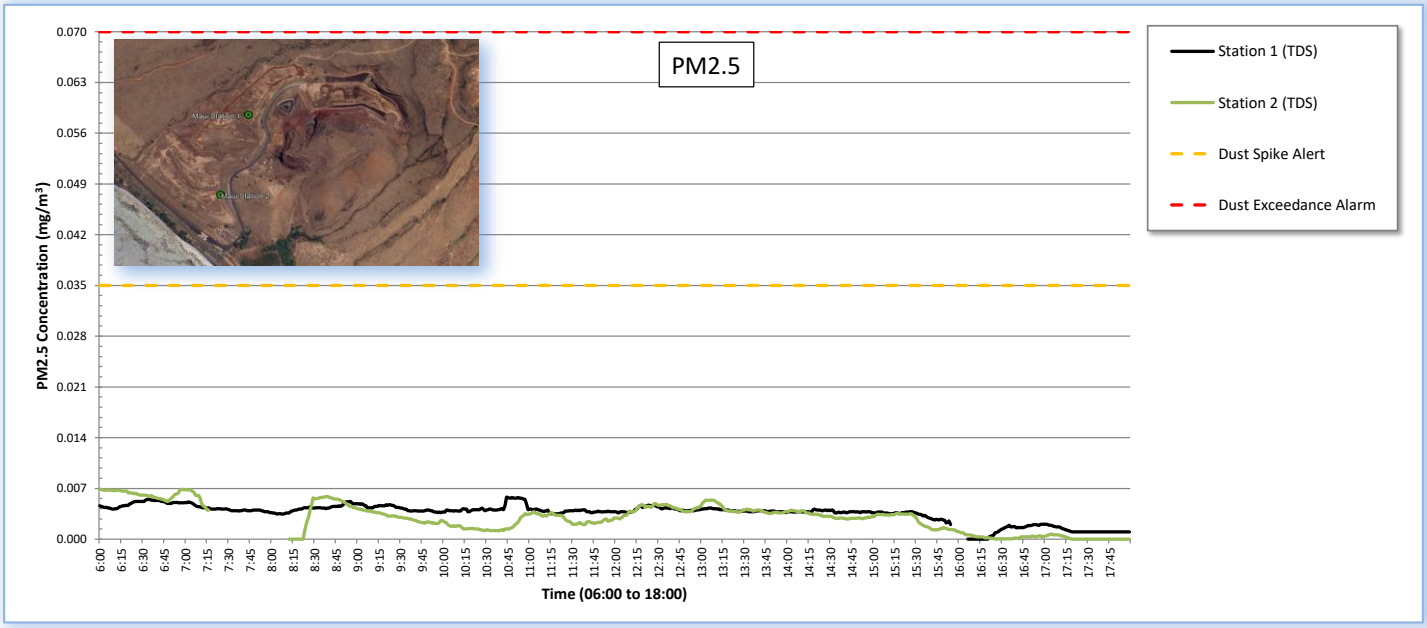

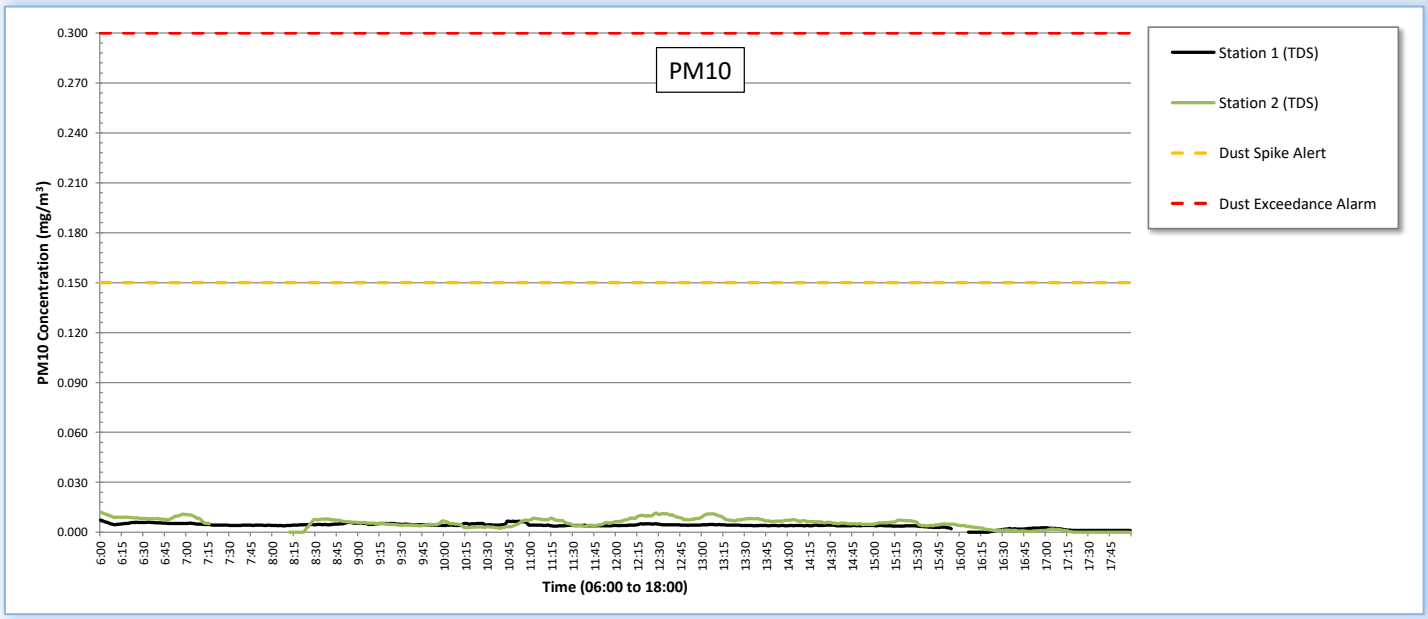

DEBRIS TRANSPORT AIR MONITORING

MAUI TDS(OLOWALU) TO PDS(CENTRAL)

December 19, 2025

Prepared for
United States Army Corps of Engineers

Prepared by:

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Debris Transfer Air monitoring: December 19, 2025
Maui TDS (Olowalu) to PDS (Central) Air Monitoring

Summary:

The Air Monitoring and Surveillance Plan includes the use of real-time particulate monitors located in areas around the active debris removal operations. The AMSP has established Daily Project Limits of 70 ug/m3 for particulates in the PM 2.5 size range and 300 ug/m3 for particulates in the PM 10 size range as Daily Average concentrations. The Plan also establishes Operational Control Action Levels at one-half the Project Limit levels to help ensure effectiveness of operational controls.

The data collected by real-time dust monitors is uploaded via cellular telemetry to a cloud-based data management system. In addition to storing the data, the system allows for communications on a real-time basis by text and email, as well as integration and analysis of the data.

The AMSP has established an alert system with criteria so that operational controls can be investigated and, if necessary, adjusted throughout the day so that the particle concentrations remain below the Project Limit. If any 15-minute block average hits an Operational Alert level, the Air Monitoring Team receives an immediate alert which triggers an investigation. If necessary, operational controls can then be immediately adjusted to preclude a Project Limit exceedance.

Station Location Summary:

Maui Station 1 and Maui Station 2 were set up at the perimeter of the current TDS. Operations concluded today at the TDS. No further monitoring will occur.

Station Data:

No stations exceeded the Project limit or the Action Level for the day.

		Maui Station 1	Maui Station 2	Project Limit	Action Level
PM 2.5	Avg, ug/M^3	5	6	70	35
PM 10	Avg, ug/M^3	6	10	300	150

Monitoring Station Map:

DAILY AIR MONITORING REPORT

Real-Time Particulates

Maui TDS (Olowalu) Air Monitoring

12/19/2025

PM2.5 Particulate Summary

Station ID/Location	Daily Average PM2.5 Conc (mg/m³)	Max PM2.5 Conc (mg/m³)	Time of Max	15-Min Avg PM2.5 Conc (mg/m³)	Max 15-Min PM2.5 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.005	0.014	8:17	0.005	0.007	8:31
Station 2 (TDS)	0.006	0.019	7:45	0.006	0.012	7:57

PM10 Particulate Summary

Station ID/Location	Daily Average PM10 Conc (mg/m³)	Max PM10 Conc (mg/m³)	Time of Max	15-Min Avg PM10 Conc (mg/m³)	Max 15-Min PM10 Conc (mg/m³)	Time of Max 15-Min Avg
Station 1 (TDS)	0.006	0.026	8:17	0.006	0.009	8:31
Station 2 (TDS)	0.096	0.041	7:20	0.010	0.020	7:57

"--" indicates no data or NA