



March 15, 2022

**Ms. Maureen Hatfield, P.G.**

Texas Commission on Environmental Quality  
MC-127  
VCP-CA Section, Team 1, Remediation Division  
P.O. Box 13087  
Austin, Texas 78711-3087

**RE: WEEKLY STATUS UPDATE – ENGLEWOOD YARD NORTH BYPASS PROJECT  
UNION PACIFIC RAILROAD HOUSTON WOOD PRESERVING WORKS SITE  
4910 LIBERTY ROAD FACILITY, HOUSTON, TEXAS  
POST-CLOSURE CARE PERMIT NO. 50343, INDUSTRIAL SWR NO. 31547**

Dear Ms. Hatfield:

Golder Associates USA Inc. (Golder), a member of WSP, on behalf of Union Pacific Railroad (UPRR), prepared this weekly status update for the Englewood Yard North By-Pass Project (the Project) that includes areas of construction within the UPRR Houston Wood Preserving Works (HWPW) site (the Site) (Post-Closure Care Permit No. 50343) located at 4910 Liberty Road, Houston, Texas. Below is a summary of the Project activities conducted at the Site for the reporting period:

**Week Period:** *March 7 through March 13, 2022*

Activities that resulted in the generation of excavated soils for this weekly period include installing a utility trench for new railroad signal lines within the Railroad Ballast Cap area.

- **Dust Control and Air Monitoring (summary taken from IHST Weekly Report of Air Monitoring (Attachment A))**
  - IHST conducted real time air and dust monitoring at the Site in accordance with TCEQ approved Air Monitoring Plan dated July 2021. The real-time results for this period are provided in **Attachment A**. Results of samples collected this week have not been received from the laboratory at the time of this update.
  - As indicated in the IHST Weekly Report (**Attachment A**), there were no events where PM 2.5 and PM 10 readings increased above the Take-Action Level or Stop-Work Level during the monitoring period.

- **Soil Management**

- Approximately 108 cubic yards (CY) of soil classified as impacted with listed hazardous waste (F034/K001) was generated during the trenching activities and stored in roll-off containers staged at the HWPW Container Storage Area (CSA) pending disposal. Roll-off containers will be shipped to the US Ecology Texas Treatment, Storage, and Disposal Facility (TSDF) in Robstown, TX.
- On March 7 through 9, 2022, Hazardous Waste Profile 090124735-0 (soil containing RCRA Hazardous waste (F034/K001)) was approved for disposal at US Ecology Texas in Robstown, TX (**Attachment 1**). E.Q. Industrial Services picked up five roll-off containers containing approximately 90 cubic yards of soil on March 7 through 9, 2022 and disposed of the soil at the US Ecology Texas Robstown facility (Hazardous Waste Manifest Numbers: 023654501JJK, 023654503JJK, 023654504JJK, 023654505JJK, 023654506JJK (**Attachment 1**, final manifests will be submitted after they are received from the waste facility).

- **Stormwater Management**

- There was no rainfall during this reporting period that resulted in management of stormwater within the Site.

Planned Construction Activities for the period between **March 14 and March 20, 2022**:

Per the Contractor schedule, planned construction activities have stopped due to a shortage in signal housing materials. The Contractor is anticipating that signal housing materials will be shipped and received in June 2022, in which construction activities will resume at that time.

- **Dust Control and Air Monitoring**

- Air monitoring per the approved Air Monitoring Plan (July 8, 2021) will continue once construction activities resume.

- **Soil Management**

- Managing excavated soils, in the event excavated soils are generated, will follow the approved Soil Management Plan (SMP).

- **Stormwater Management**

- Stormwater management, in the event of rainfall in the area, per the approved Storm Water Pollution Prevention Plan (SWPPP) will be conducted once construction activities resume.

If you have any questions or need additional information, please feel free to contact Mr. Kevin Peterburs of UPRR at (414) 267-4164.

Sincerely,

**Golder Associates USA Inc.**



Anthony Reid  
*Sr. Consultant Geologist*



Eric Matzner  
*Practice Leader/ Principal*

**ATTACHMENT A**

# Weekly Report of Air Monitoring

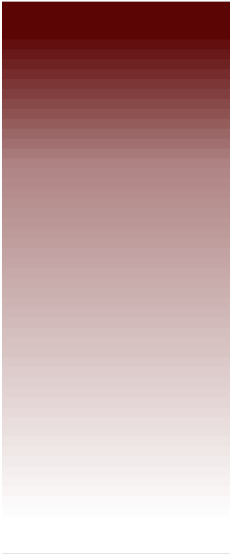


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## Weekly Report of Air Monitoring

### Union Pacific Railroad North Bypass Construction Project

Former Houston Wood Preserving Works Site  
Houston, TX

For Period from 2022-03-07 to 2022-03-13

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## Summary Results of Daily Dust Monitoring

This section provides overall summary results for perimeter dust monitoring conducted during the week specified. Dust monitoring results include the average PM 2.5 and PM 10 monitoring results over the sample period at each sample location for each day. Each day's summary provides also includes a description of the work activities performed that day, and any items, issues or occurrences of note.

The 24-hour USEPA National Ambient Air Quality Standard (NAAQS) for PM 2.5 particulate matter is 35 ug/m<sup>3</sup>, and 150 ug/m<sup>3</sup> for PM 10 particulate matter. The Texas Department of Environmental Quality (TCEQ) has adopted these values. UPRR has established dust control levels for railroad construction activities to help ensure that particulate levels do not exceed the 24-hour NAAQS as a result of construction activities.

Overall averages provided are for the sample period specified by the start and stop times. Unless otherwise specified, the sample periods are inclusive of all potentially significant dust generating activities.

Location of air sampling stations are consistent the Dust Control and Air Monitoring Plan dated 7/8/2021 and approved by the Texas Commission on Environmental Quality (TCEQ). Minor variations in station placement may occur, based on work activities, environmental factors, observed patterns of dust dispersion and practical constraints. One sample location specified in the original plan, located on the far southwest corner of the site just southwest of Kirk Street, has not been used to date. The originally proposed location is not readily accessible for daily equipment deployment and is outside of the current excavation areas of the construction. No excavation or other dust-generating activities have taken place to date in the vicinity of this location. Construction plans include improvements to access for this location prior to the start of such activities. Air monitoring equipment will be deployed to this location once access improvements are completed and before excavation or other dust-generating activities begin in this area.

**Note:** *No site excavation activities took place on March 8, 2022 or March 13, 2022. No air monitoring was performed on these days.*



## PM 2.5 and PM 10 Daily Summary Results

<b>Sample Date</b> Mar 7, 2022	<b>Description of Work Performed</b> Electricians conducted excavation and cable tray installation activities on the east end of the cap service road, near the Lockwood overpass. Work hours were approximately 09:00 – 17:07.
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### Overview Map of Daily Sample Locations



Station ID	Location Description	Start	Stop	Latitude	Longitude	Overall Average PM 2.5	Overall Average PM 10
AMS-02	IMY East - Sudan and Harlem	06:20	18:37	29.78419	-95.31693	3.6 ug/m3	8.4 ug/m3
AMS-03	IMY SE - Clementine	06:36	18:28	29.78206	-95.31919	3.5 ug/m3	8.1 ug/m3
AMS-04a	IMY South - Schweikhardt	06:15	18:19	29.78214	-95.32264	3 ug/m3	6.3 ug/m3
AMS-05a	IMY South - Waco and Lee	06:17	18:16	29.78211	-95.32513	3.7 ug/m3	9.4 ug/m3
AMS-06	HWPW - Erastus	05:07	17:49	29.78764	-95.31649	3.2 ug/m3	7.8 ug/m3
AMS-07	HWPW - Clementine North	07:31	17:33	29.78745	-95.31886	3.9 ug/m3	8.6 ug/m3
AMS-08	HWPW - Solo North	05:26	18:00	29.78747	-95.32118	4.2 ug/m3	9.7 ug/m3
AMS-09	HWPW - Kashmere and Liberty	07:54	17:24	29.78758	-95.32358	3.5 ug/m3	7.3 ug/m3
AMS-10b	HWPW - Eddie and Kashmere	07:43	17:19	29.78637	-95.32373	3.3 ug/m3	6.6 ug/m3
AMS-11	HWPW - Quitman East	07:50	17:08	29.78438	-95.32454	4.2 ug/m3	9.1 ug/m3



## PM 2.5 and PM 10 Daily Summary Results

<b>Sample Date</b> Mar 9, 2022	<b>Description of Work Performed</b> Electricians conducted excavation and cable tray installation activities on the east end of the cap service road, near the Lockwood overpass. Work hours were approximately 08:30 – 16:52.
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### Overview Map of Daily Sample Locations



Station ID	Location Description	Start	Stop	Latitude	Longitude	Overall Average PM 2.5	Overall Average PM 10
AMS-02	IMY East - Sudan and Harlem	05:17	17:26	29.78424	-95.31685	10 ug/m3	25.8 ug/m3
AMS-03	IMY SE - Clementine	05:21	17:28	29.78204	-95.31916	9.2 ug/m3	23.2 ug/m3
AMS-04a	IMY South - Schweikhardt	05:30	17:35	29.78216	-95.32265	7.7 ug/m3	20.1 ug/m3
AMS-05a	IMY South - Waco and Lee	05:32	17:36	29.78218	-95.32514	8.6 ug/m3	25.5 ug/m3
AMS-06	HWPW - Erastus	05:49	17:45	29.78763	-95.31661	10.7 ug/m3	28.7 ug/m3
AMS-07	HWPW - Clementine North	08:02	17:12	29.78744	-95.31897	9.9 ug/m3	23.8 ug/m3
AMS-08	HWPW - Solo North	06:05	18:07	29.7874	-95.32112	11.2 ug/m3	26.9 ug/m3
AMS-09	HWPW - Kashmere and Liberty	07:52	17:07	29.78758	-95.32366	9.8 ug/m3	21.9 ug/m3
AMS-10b	HWPW - Eddie and Kashmere	07:48	17:00	29.78636	-95.3238	8.5 ug/m3	19.1 ug/m3
AMS-11	HWPW - Quitman East	07:48	16:57	29.78437	-95.32456	10.1 ug/m3	23.4 ug/m3



## PM 2.5 and PM 10 Daily Summary Results

Sample Date	Description of Work Performed
Mar 10, 2022	The work plan for the day included transfer of previously excavated soils from an overfull roll-off container to another roll-off container located near the center of the former Houston Wood Preserving Works site. This activity took place from about 08:30 – 11:15. Afterwards, the electrician crew began excavating soils and ballast near a track crossing for underground electrical lines. This activity took place outside the capped area of the former Houston Wood Preserving Works site, east of the Lockwood Drive overpass. Excavation activities took place between approximately 11:20 and 15:05.

### Overview Map of Daily Sample Locations



Station ID	Location Description	Start	Stop	Latitude	Longitude	Overall Average PM 2.5	Overall Average PM 10
AMS-06	HWPW - Erastus	08:45	15:13	29.78763	-95.31661	10.4 ug/m3	24.4 ug/m3
AMS-07	Liberty - E Lockwood	08:36	15:07	29.78879	-95.31371	10.3 ug/m3	25.8 ug/m3
AMS-08	HWPW - Solo North	08:27	14:53	29.78742	-95.32115	10.1 ug/m3	23.2 ug/m3
AMS-09	HWPW - Kashmere and Liberty	08:15	14:47	29.78756	-95.3237	9.4 ug/m3	20.6 ug/m3
AMS-10b	HWPW - Eddie and Kashmere	08:20	14:43	29.78636	-95.32378	8.8 ug/m3	19.3 ug/m3



## PM 2.5 and PM 10 Daily Summary Results

**Sample Date**  
Mar 11, 2022

**Description of Work Performed**

Work plan for the day was continued excavation begun the previous day, east of the Lockwood Drive overpass on the north side of Englewood yard between Liberty Road and the North bypass track (outside the former Houston Wood Preserving Works site), followed by conduit installation and backfilling with fill rock. Prior to excavation on this day, water from previous rain was pumped from the area excavated the previous day. Work hours were approximately 08:10 – 15:56, with conduit and backfill installation beginning around 09:00.

### Overview Map of Daily Sample Locations



Station ID	Location Description	Start	Stop	Latitude	Longitude	Overall Average PM 2.5	Overall Average PM 10
AMS-06	Liberty - Sakowitz	08:14	15:48	29.78912	-95.31279	15 ug/m3	39 ug/m3
AMS-07	Liberty - E Lockwood	08:14	15:53	29.78881	-95.31377	15 ug/m3	40.7 ug/m3



## PM 2.5 and PM 10 Daily Summary Results

**Sample Date**  
Mar 12, 2022

**Description of Work Performed**

Work plan for the day included finishing excavation, conduit installation and backfilling east of the Lockwood Drive overpass on the north side of Englewood yard between Liberty Road and the North bypass track (outside the former Houston Wood Preserving Works site). Work hours were approximately 09:00 – 14:30.

### Overview Map of Daily Sample Locations



Station ID	Location Description	Start	Stop	Latitude	Longitude	Overall Average PM 2.5	Overall Average PM 10
AMS-06	Lockwood Overpass East	08:43	15:00	29.78796	-95.31582	5.9 ug/m3	10.1 ug/m3
AMS-07	Liberty - E Lockwood	08:20	14:46	29.78878	-95.31367	6.2 ug/m3	11.3 ug/m3
AMS-08	HWPW - Erastus	09:00	14:52	29.78761	-95.31647	5.7 ug/m3	9.2 ug/m3

## Summary Results of Daily Weather Conditions

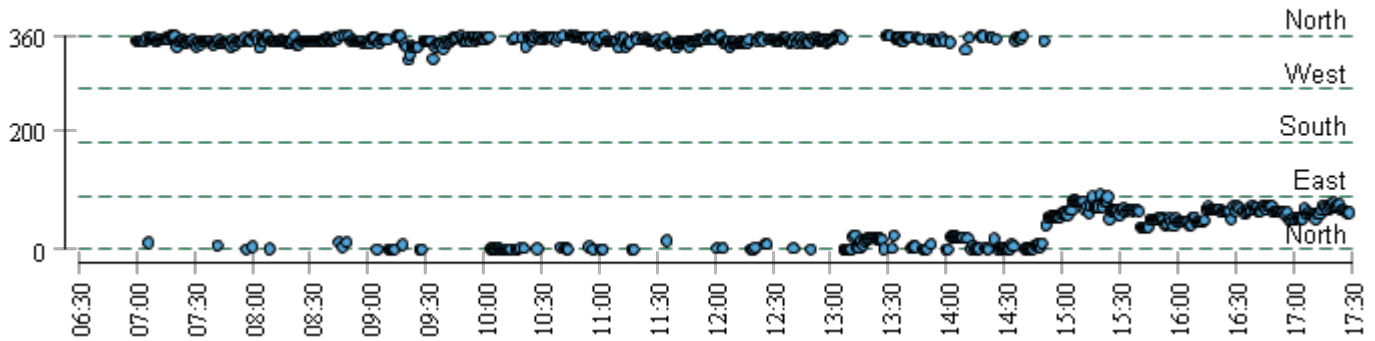
This section provides charts showing wind speed, wind direction and rainfall during each day of sampling during the specified week.

**Note:** *No site excavation activities took place on March 8, 2022 or March 13, 2022. No air monitoring was performed on these days.*

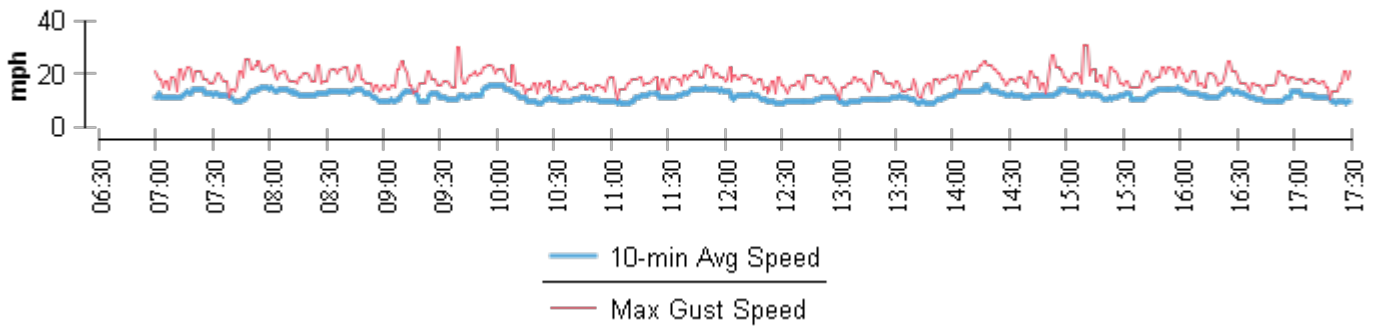
**Weather Time History Data**

Sample Date Mar 7, 2022

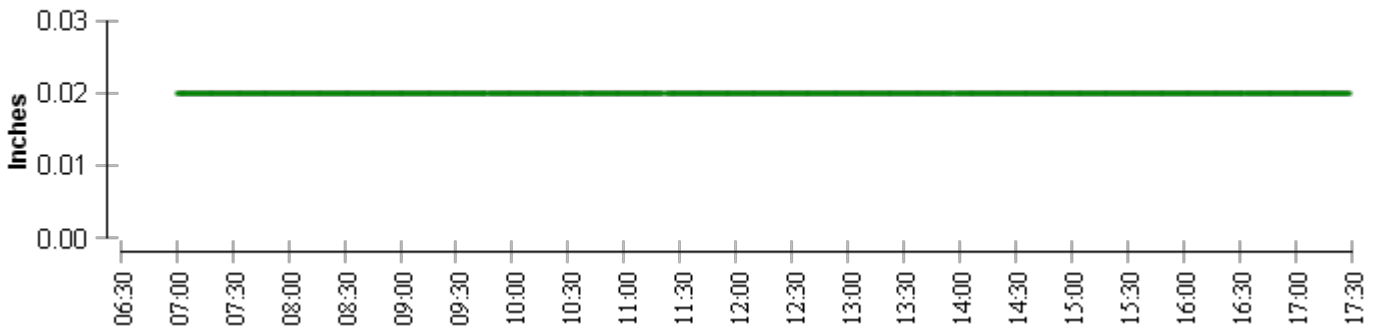
**Wind Direction (10 min average)**



**Wind Speed**



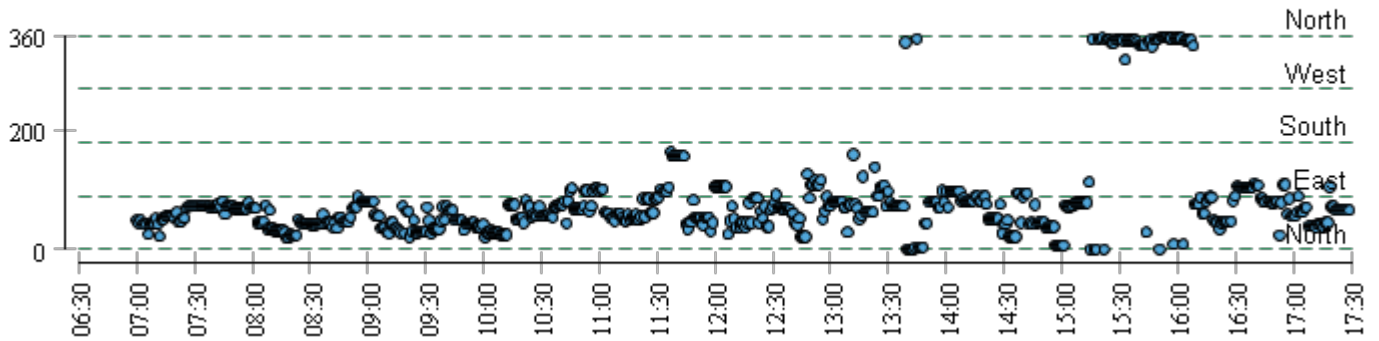
**Cumulative Daily Rainfall**



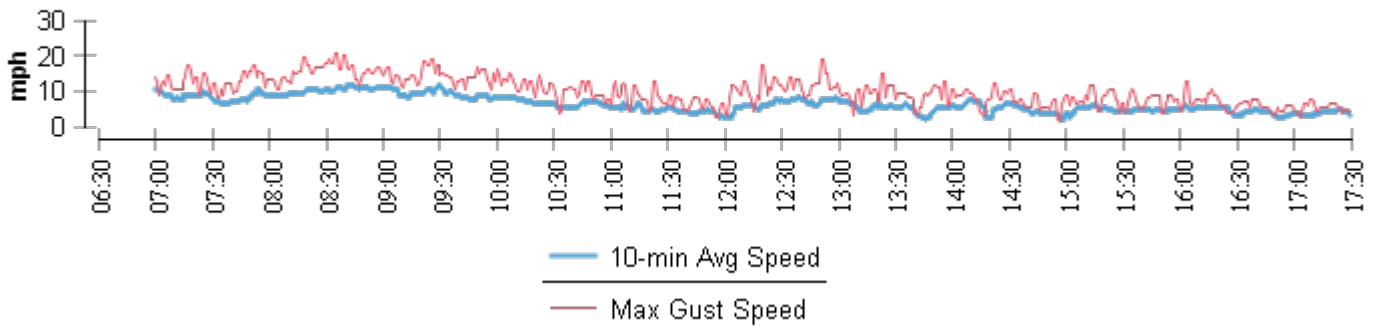
**Weather Time History Data**

Sample Date **Mar 9, 2022**

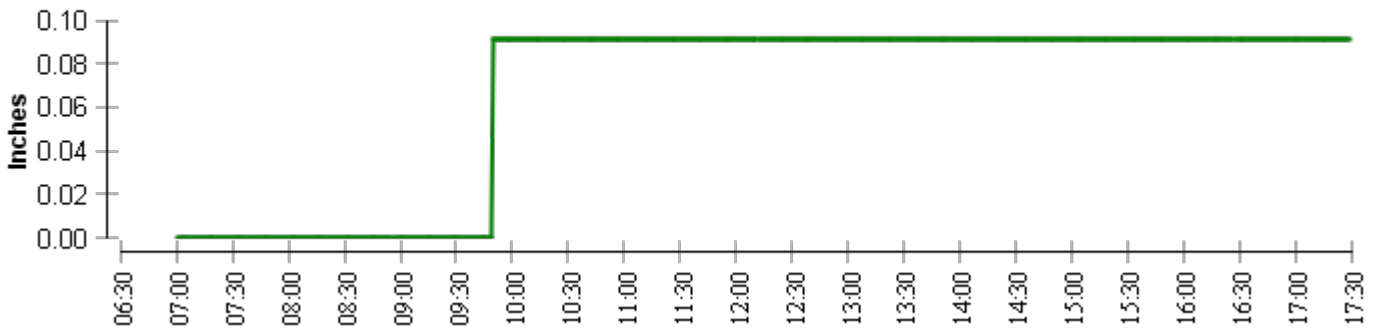
**Wind Direction (10 min average)**



**Wind Speed**



**Cumulative Daily Rainfall**



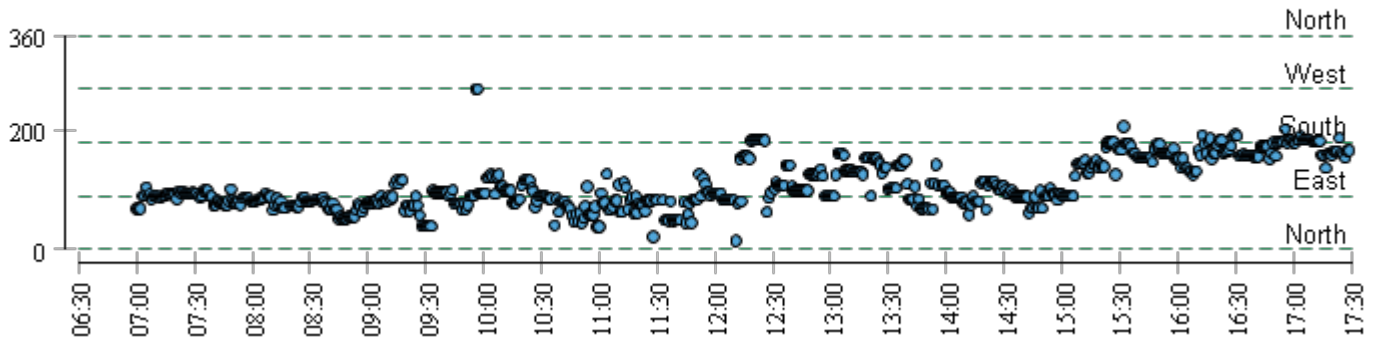
**Note:** No rainfall occurred on this day. Indicated rainfall resulted from servicing of rain gauge.



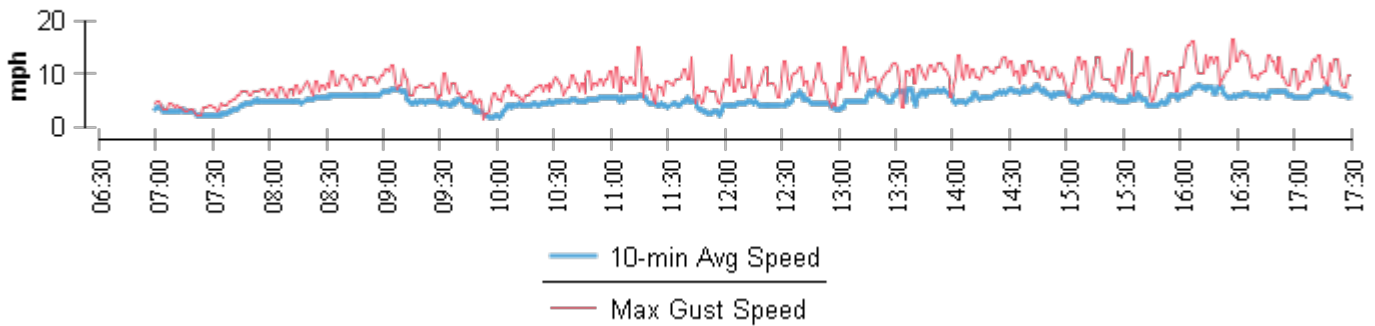
### Weather Time History Data

Sample Date **Mar 10, 2022**

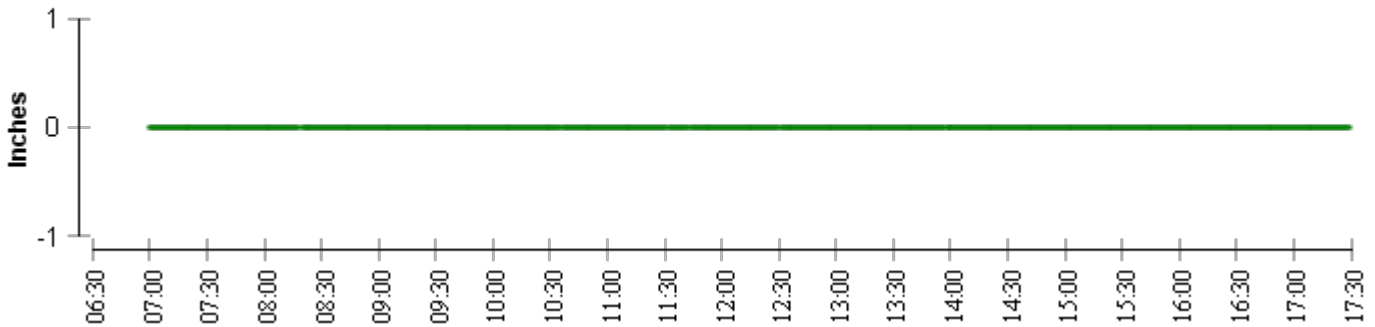
**Wind Direction (10 min average)**



**Wind Speed**

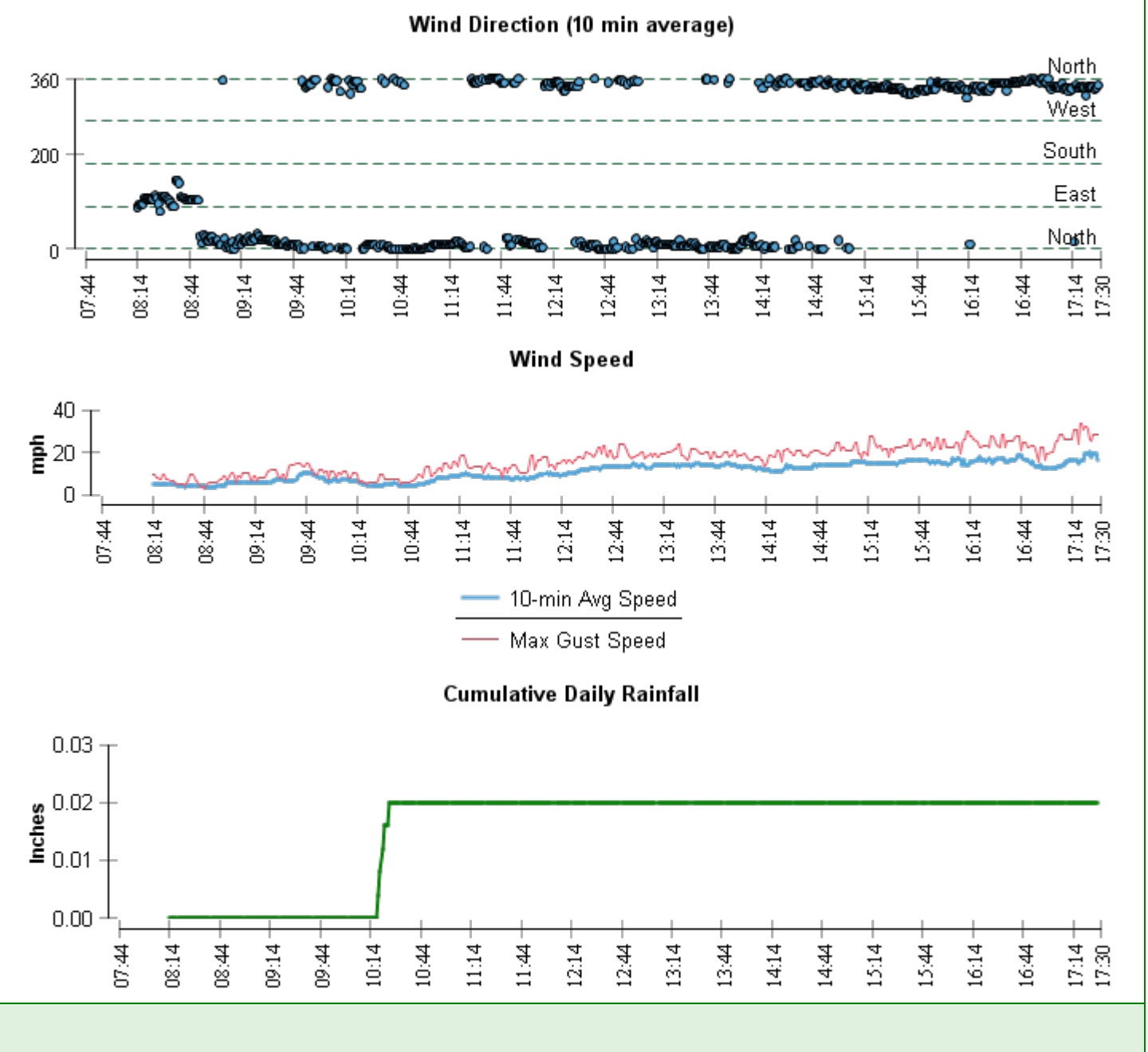


**Cumulative Daily Rainfall**



**Weather Time History Data**

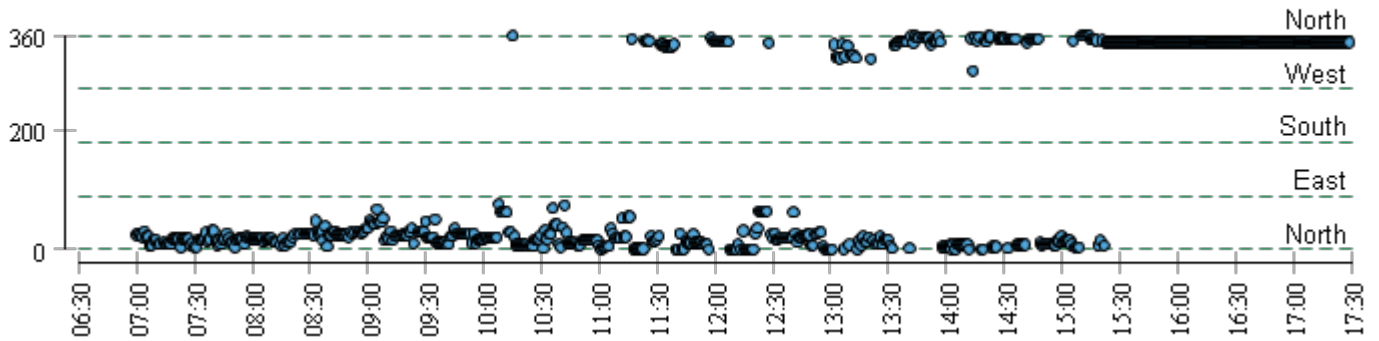
Sample Date Mar 11, 2022



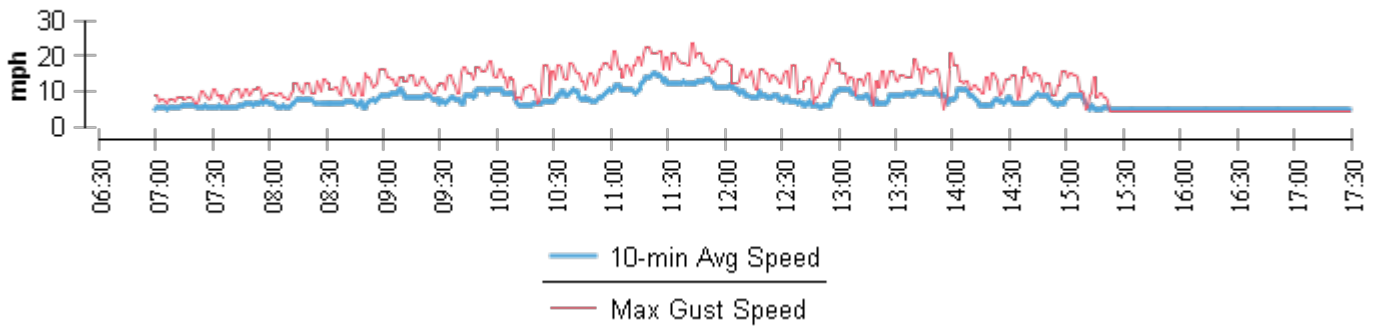
**Weather Time History Data**

Sample Date Mar 12, 2022

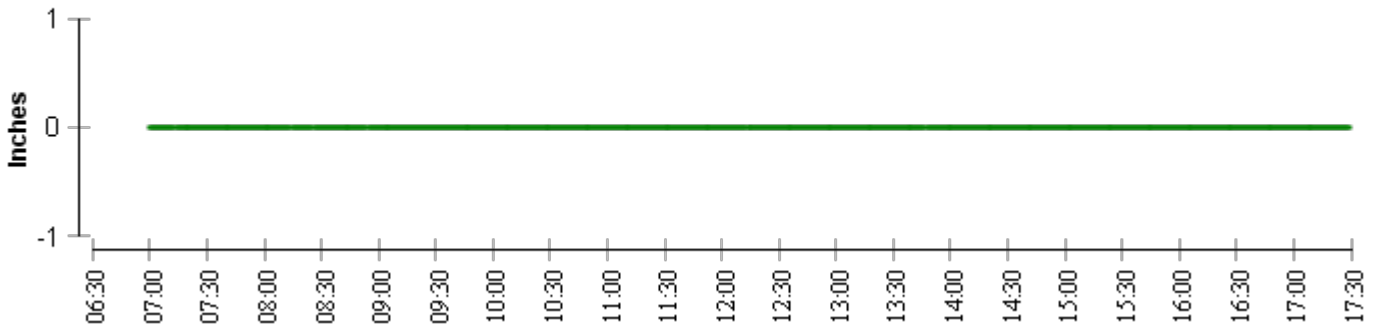
**Wind Direction (10 min average)**



**Wind Speed**



**Cumulative Daily Rainfall**



## Daily Time History Detail for PM 2.5 and PM 10 Dust Levels

This section provides charts showing the rolling thirty-minute average concentrations of PM 2.5 and PM 10 particulates measured at each location on each sample day during the specified week.

PM 2.5 and PM 10 airborne particulate levels are measured every two minutes during the active sampling period. The charts track the average particulate concentrations over the past 30 minutes at the time of the measurement.

Union Pacific Railroad (UPRR) has established control levels for airborne particulates to help ensure that construction-related dust levels are adequately controlled. These levels are explained as follows:

- Take-Action Level - 30-minute average dust concentrations  $>55 \text{ ug/m}^3$  (PM 2.5) or  $>150 \text{ ug/m}^3$  (PM 10)  
Additional dust control measures, as outlined in the site dust control plan, will be promptly implemented to reduce levels below the Take-Action Level.
- Stop-Work Level - 30-minute average dust concentrations  $>85 \text{ ug/m}^3$  (PM 2.5) or  $>300 \text{ ug/m}^3$  (PM 10)  
Work will be stopped immediately, as outlined in the site dust control plan, and UPRR will evaluate dust control measures. Work will not resume until UPRR has implemented additional controls that will effectively prevent generation of dust levels above the Stop-Work Level.

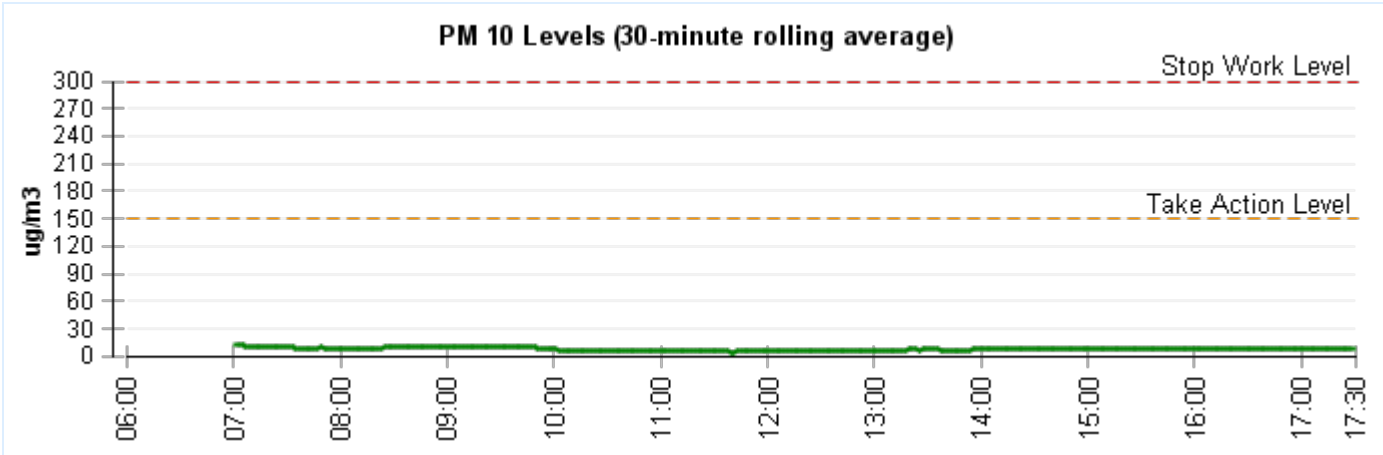
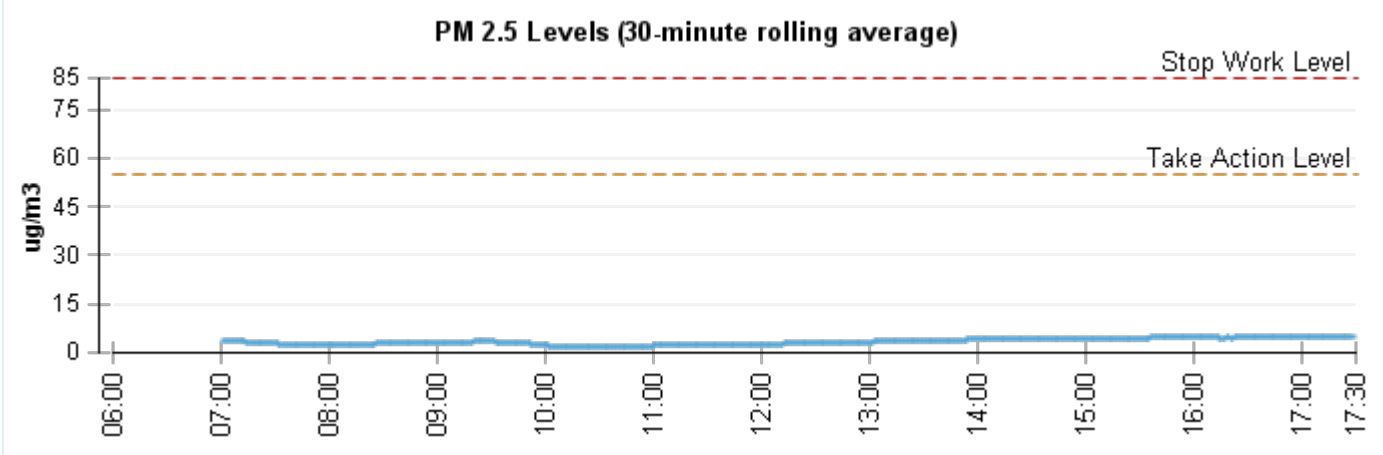
Air monitoring stations may exhibit higher than actual readings during the first 5 - 10 minutes after startup, before the instrumentation has fully warmed up. This is a known and expected behavior of the instrumentation.

**Note:** No site excavation activities took place on March 8, 2022 or March 13, 2022. No air monitoring was performed on these days.

**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 7, 2022

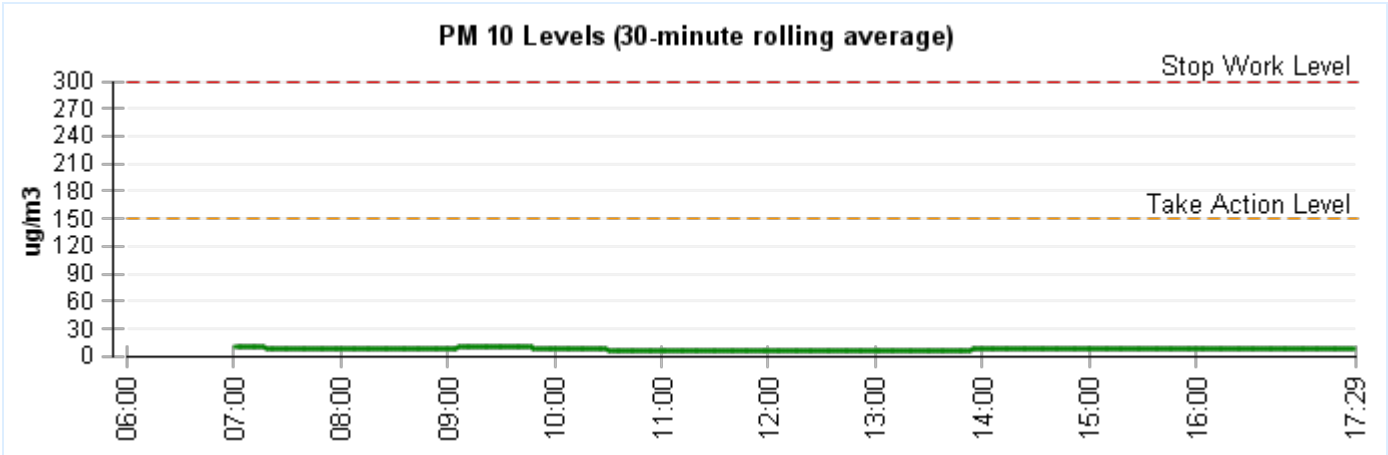
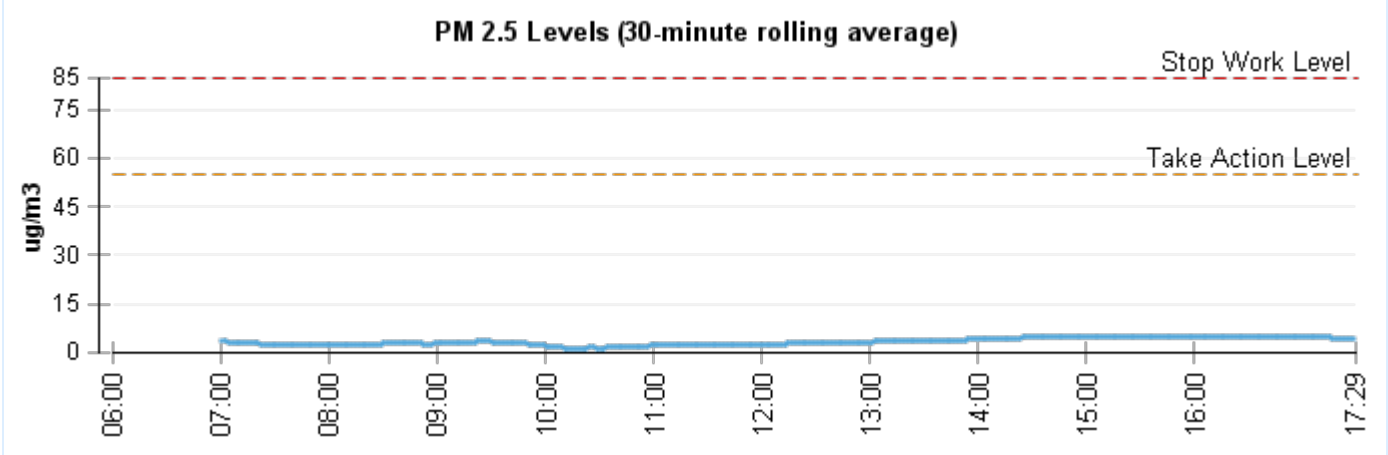
**Station ID** AMS-02 **Location Description** 29.78419, -95.31693 - IMY East - Sudan and Harlem



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 7, 2022

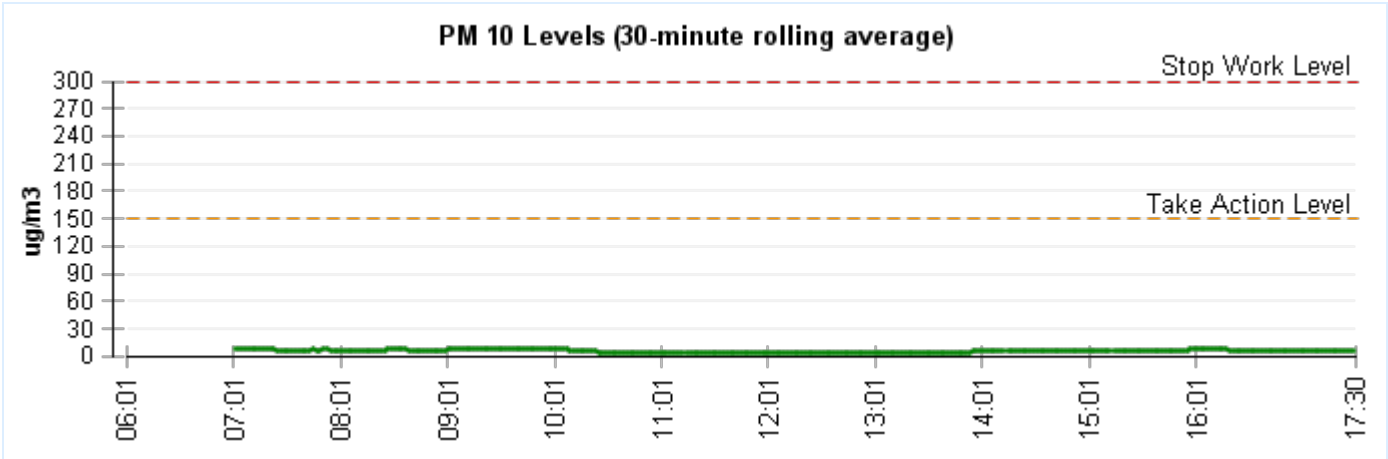
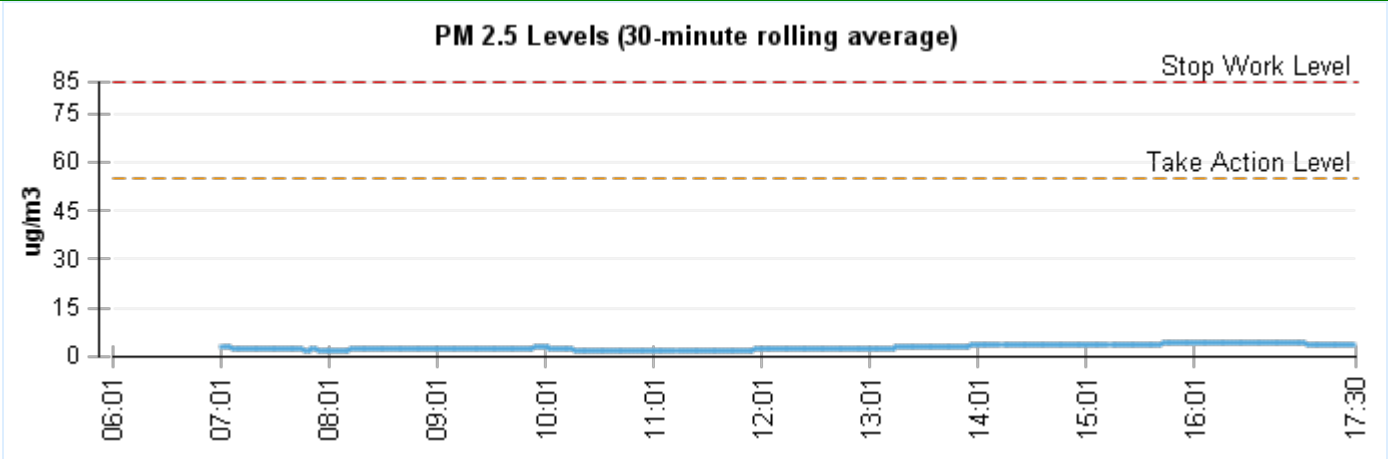
**Station ID** AMS-03 **Location Description** 29.78206, -95.31919 - IMY SE - Clementine



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 7, 2022

**Station ID** AMS-04a      **Location Description** 29.78214, -95.32264 - IMY South - Schweikhardt

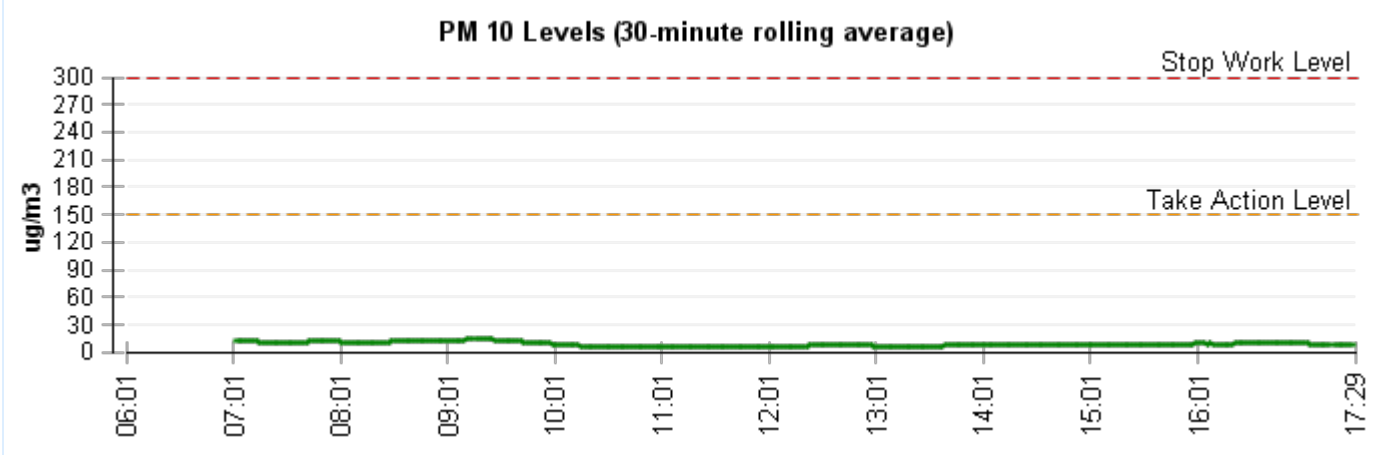
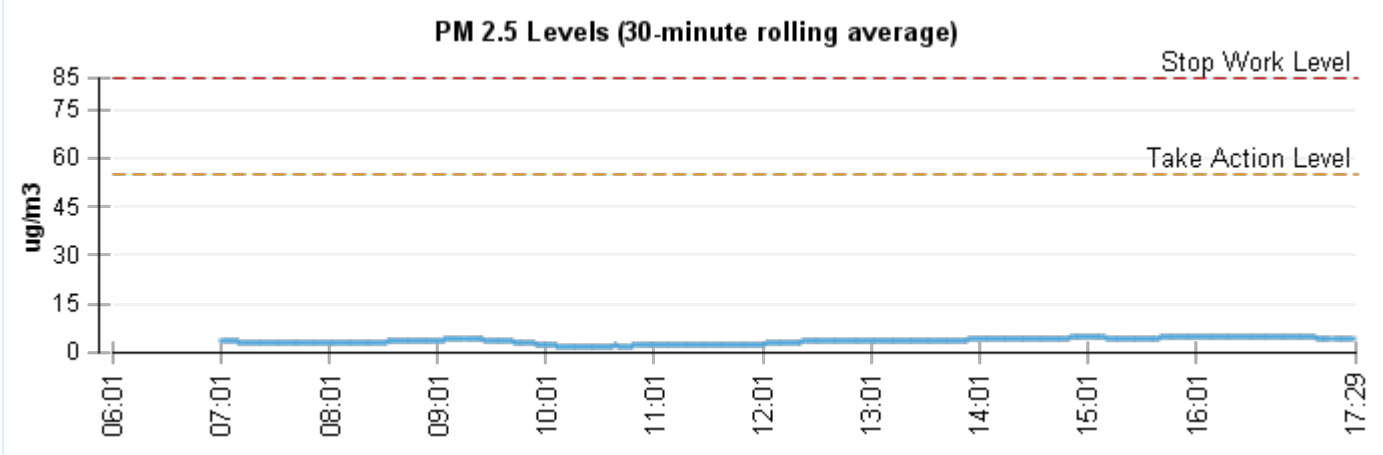




**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 7, 2022

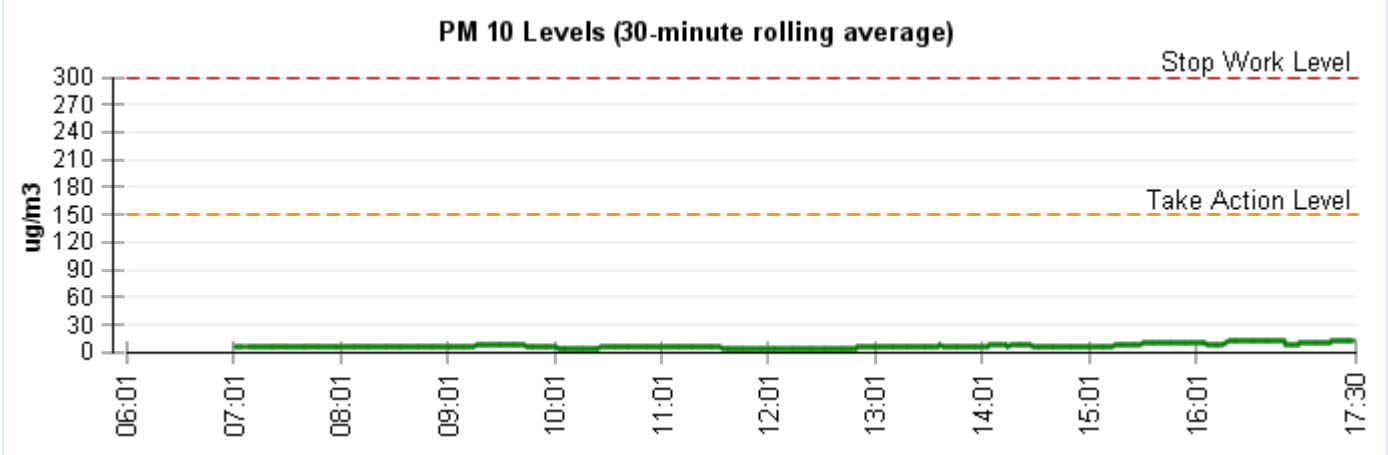
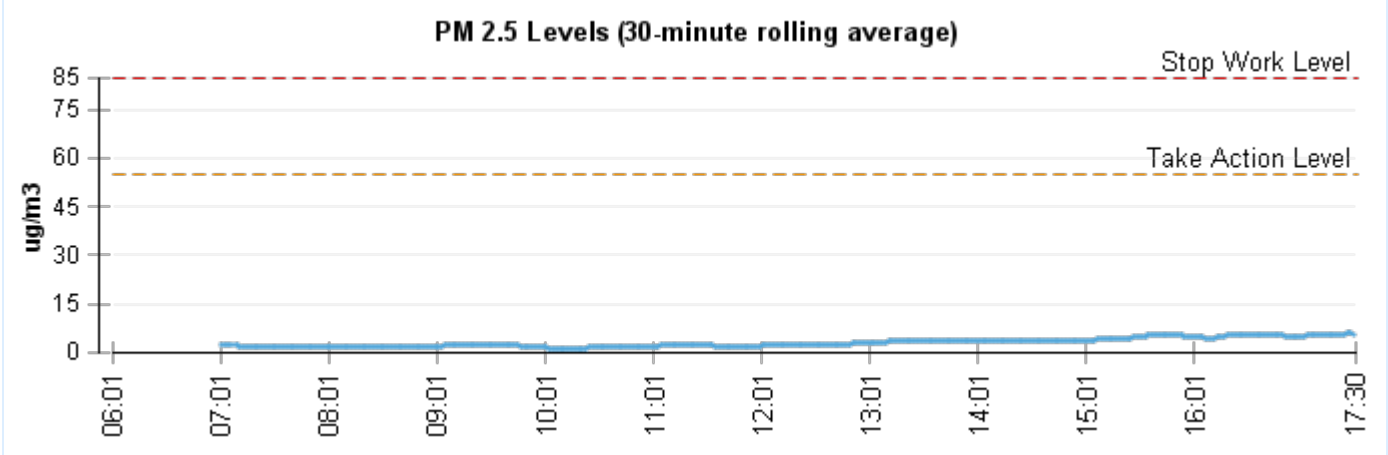
**Station ID** AMS-05a **Location Description** 29.78211, -95.32513 - IMY South - Waco and Lee



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 7, 2022

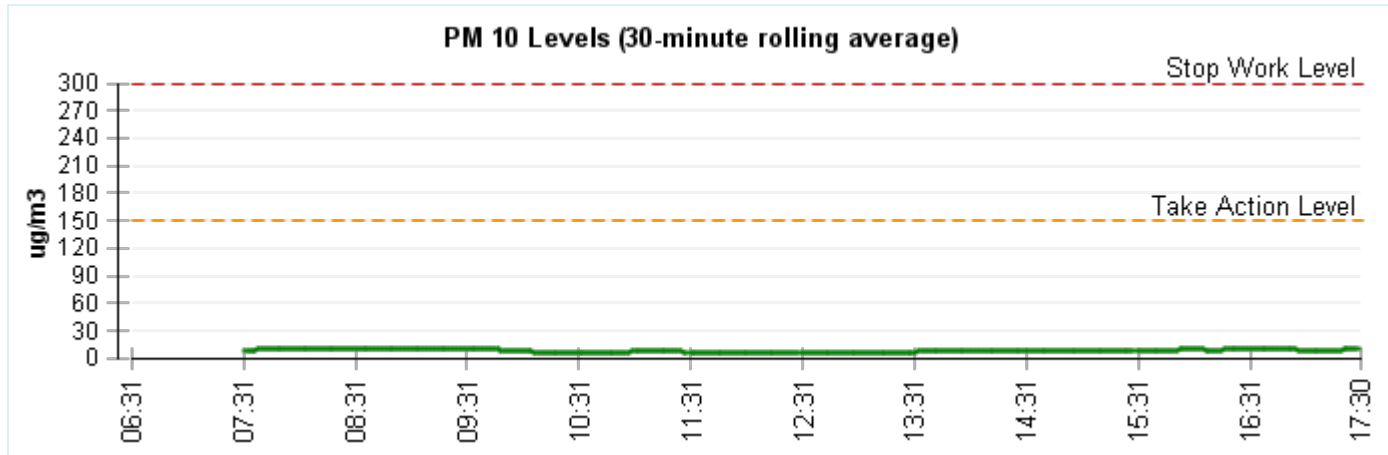
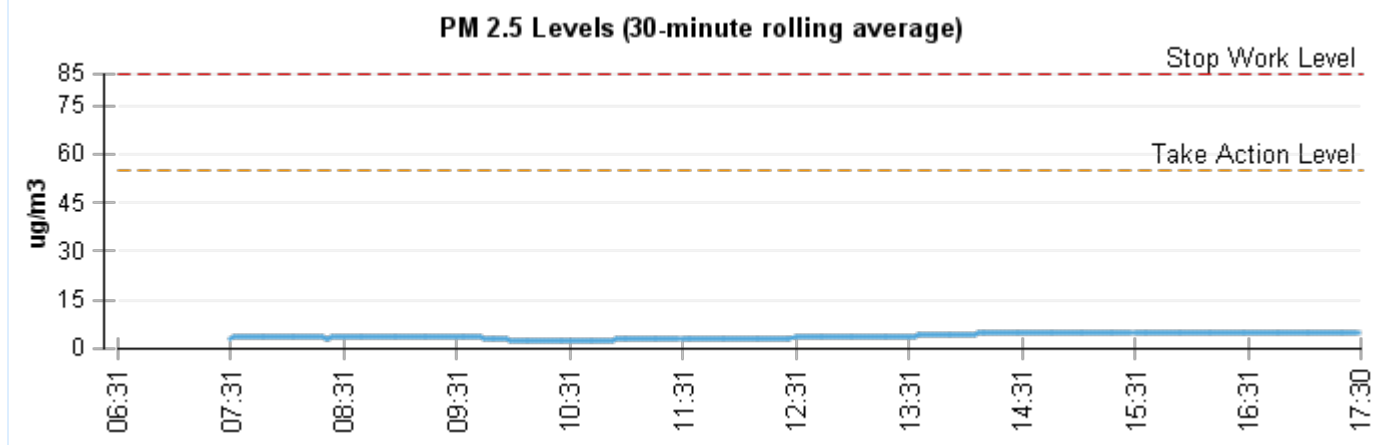
**Station ID** AMS-06 **Location Description** 29.78764, -95.31649 - HWPW - Erastus



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 7, 2022

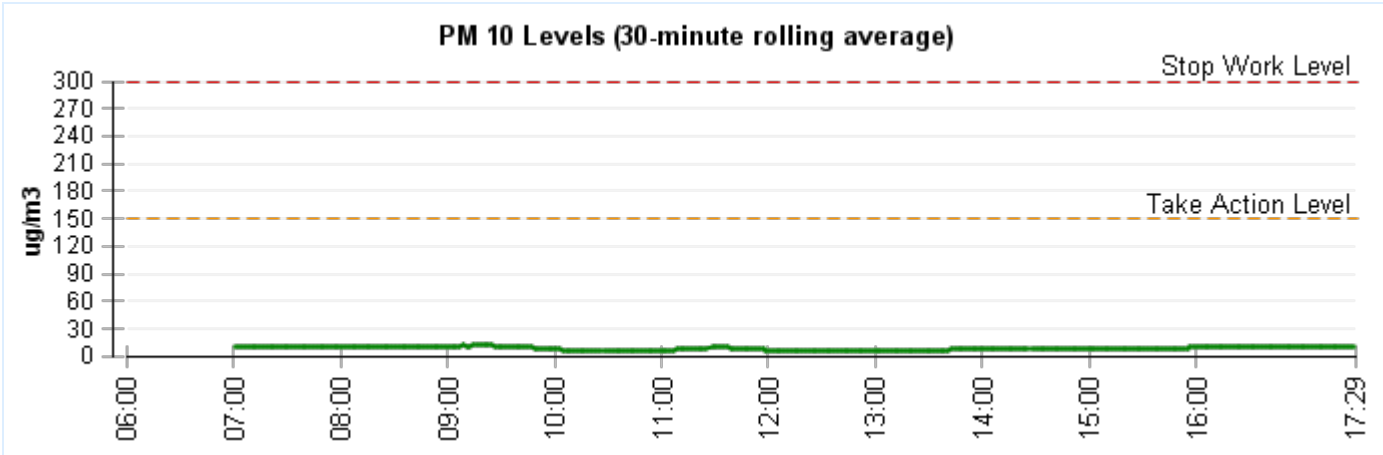
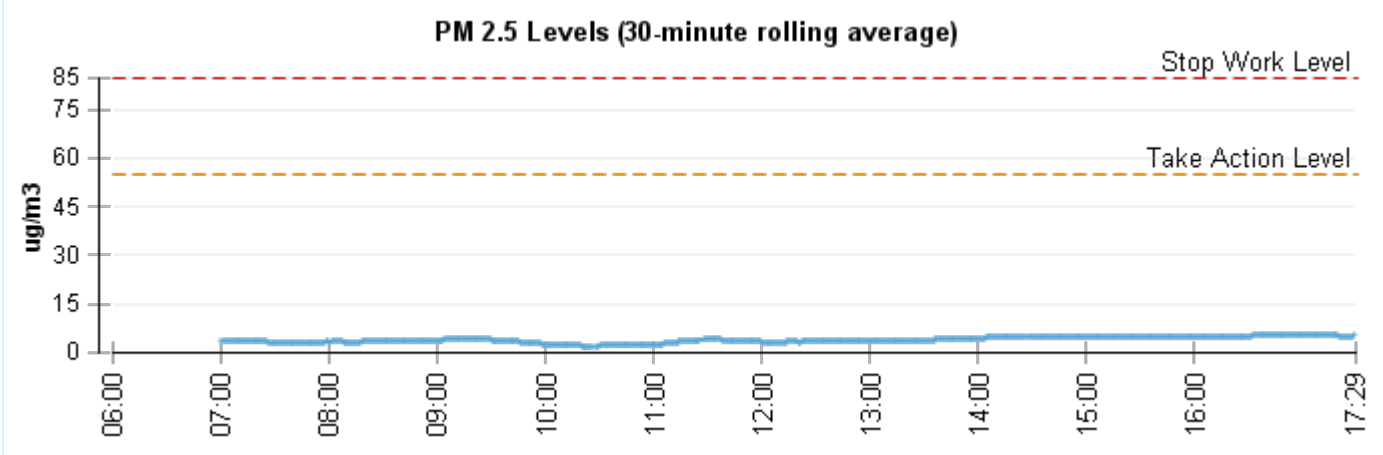
**Station ID** AMS-07  
**Location Description** 29.78745, -95.31886 - HWPW - Clementine North



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 7, 2022

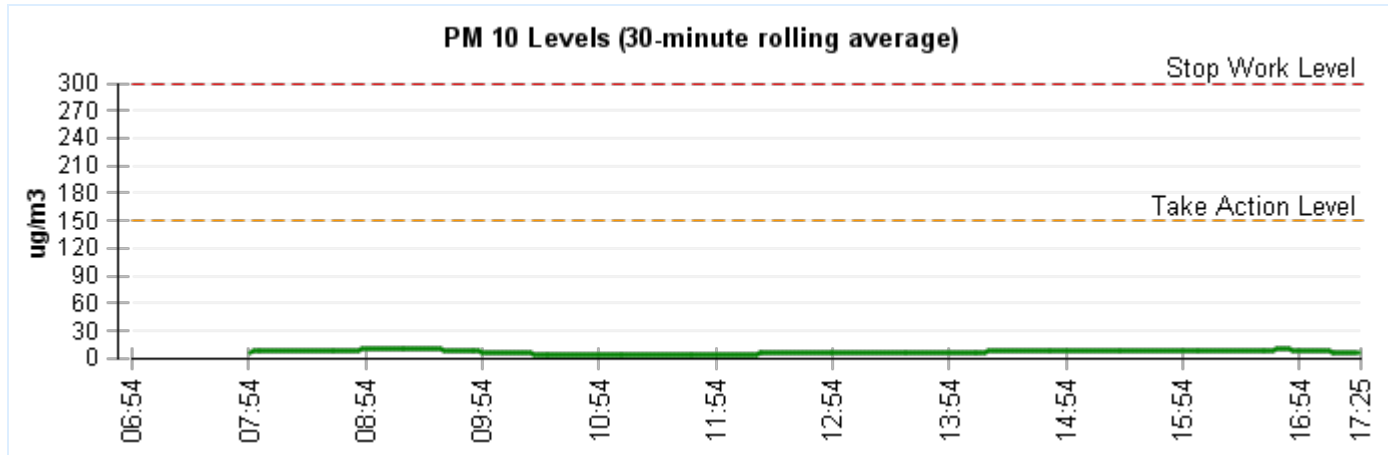
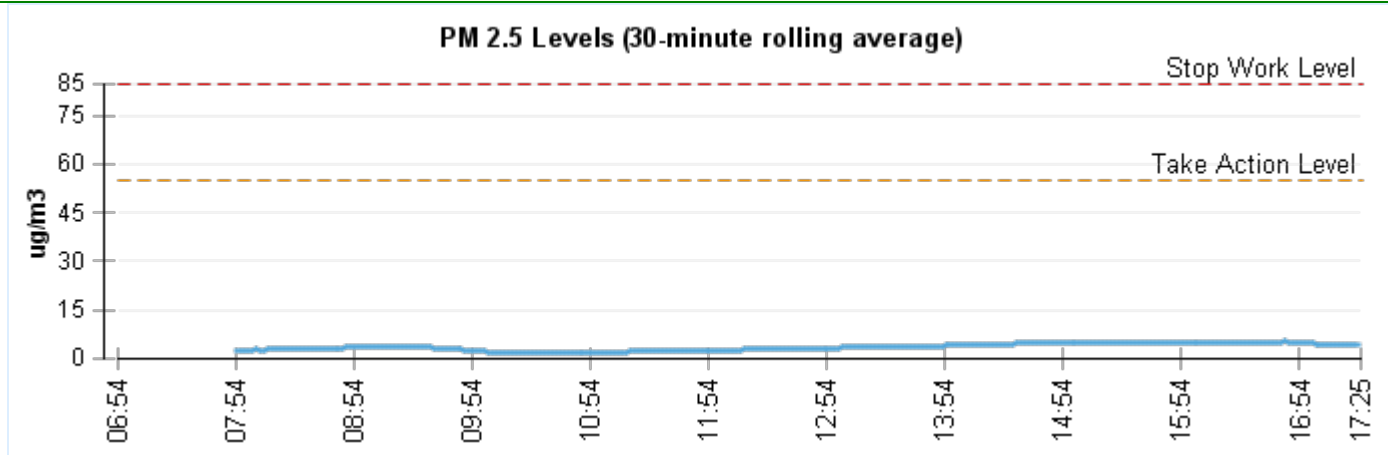
**Station ID** AMS-08 **Location Description** 29.78747, -95.32118 - HWPW - Solo North



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 7, 2022

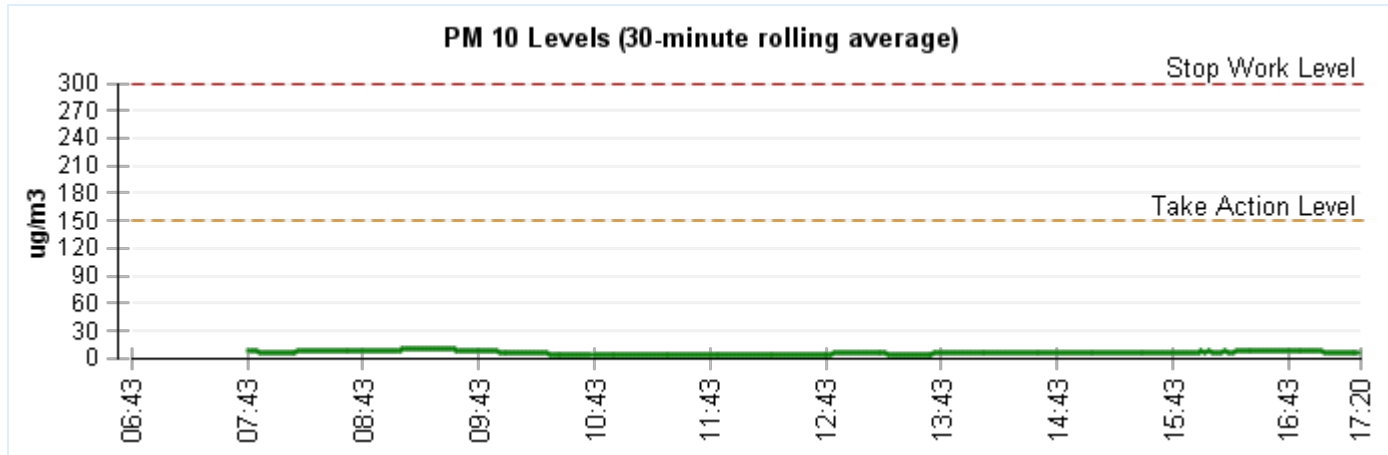
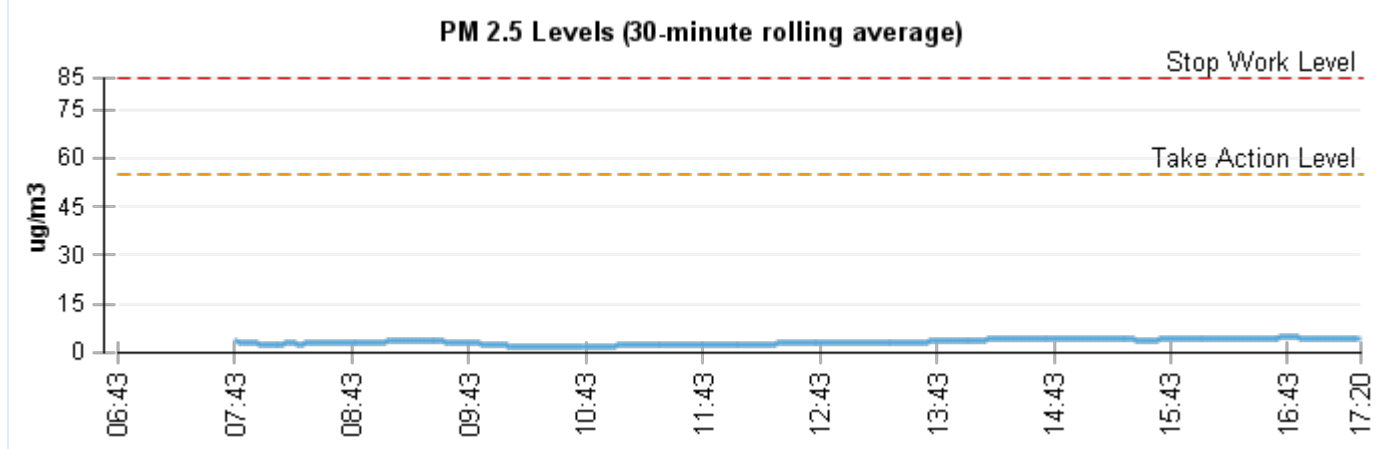
**Station ID** AMS-09 **Location Description** 29.78758, -95.32358 - HWPW - Kashmere and Liberty



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 7, 2022

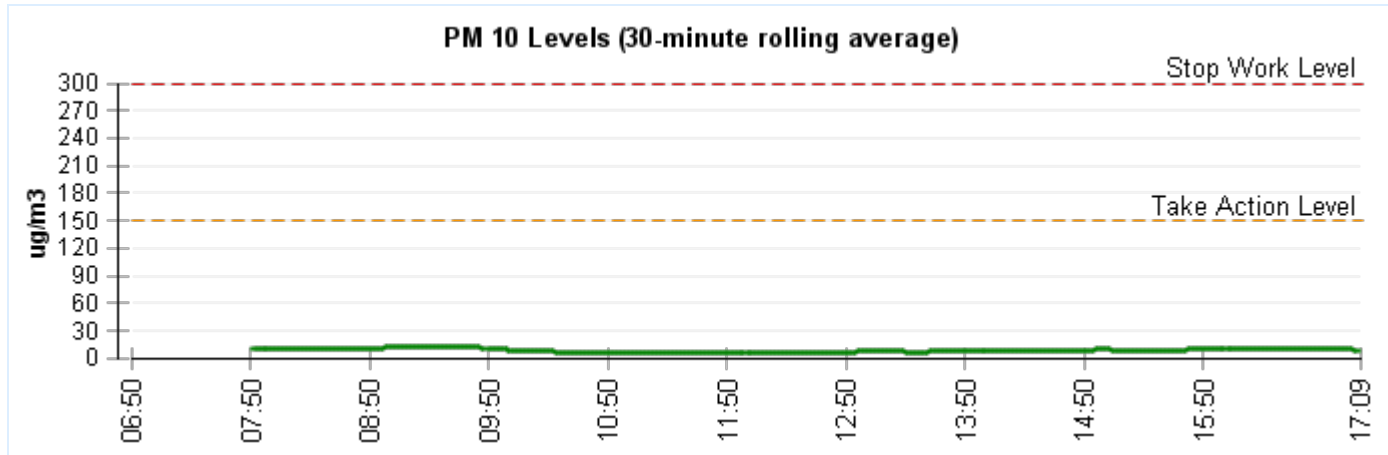
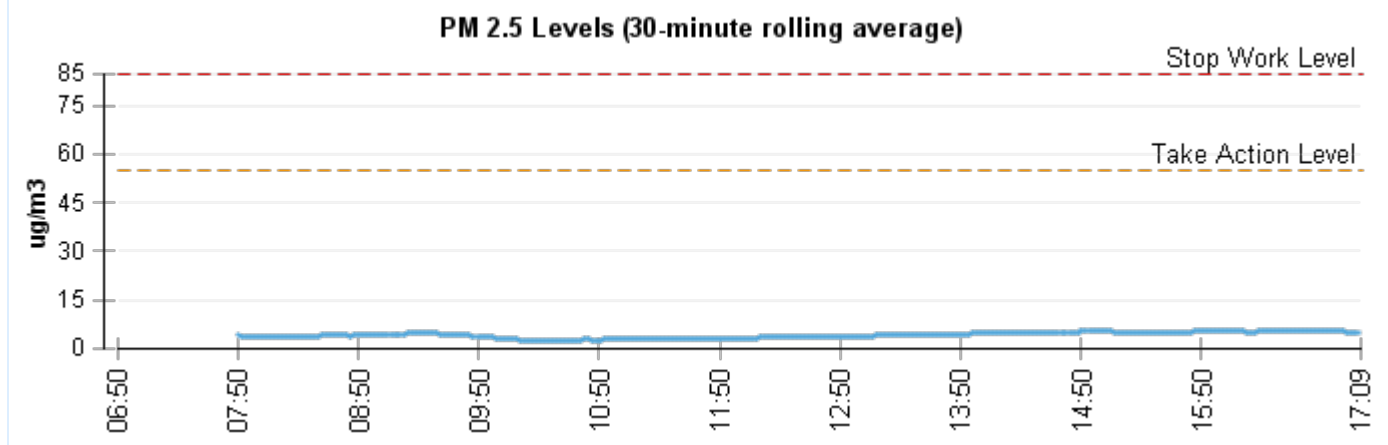
**Station ID** AMS-10b **Location Description** 29.78637, -95.32373 - HWPW - Eddie and Kashmere



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 7, 2022

**Station ID** AMS-11  
**Location Description** 29.78438, -95.32454 - HWPW - Quitman East

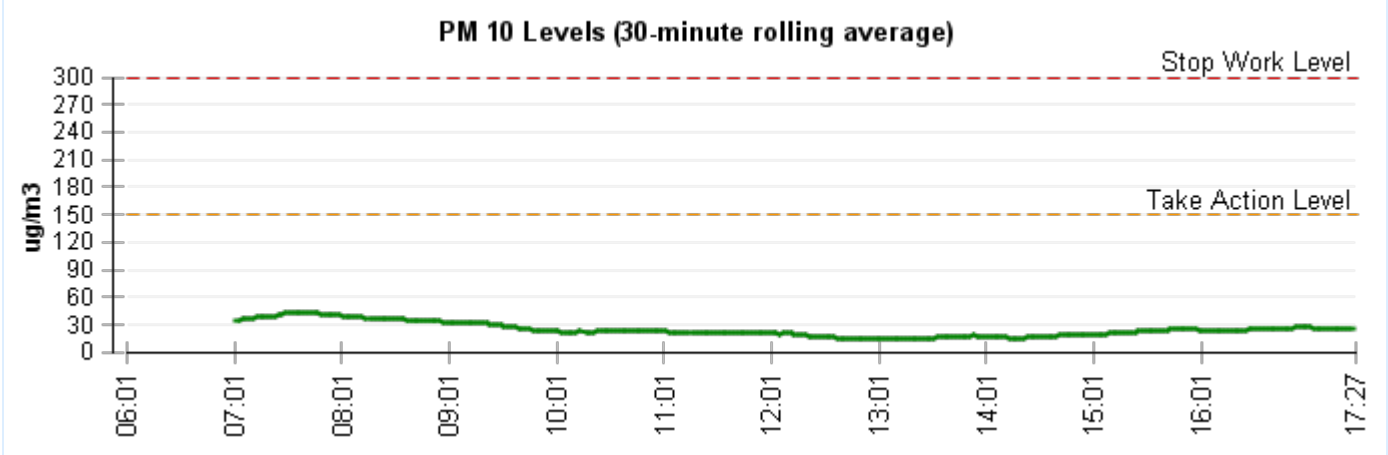
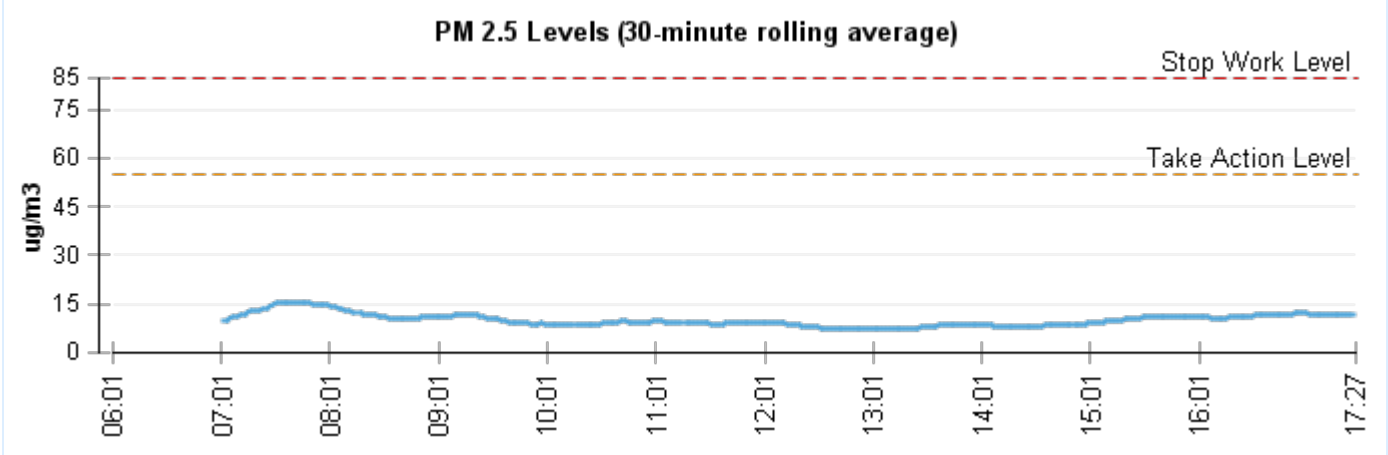




**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 9, 2022

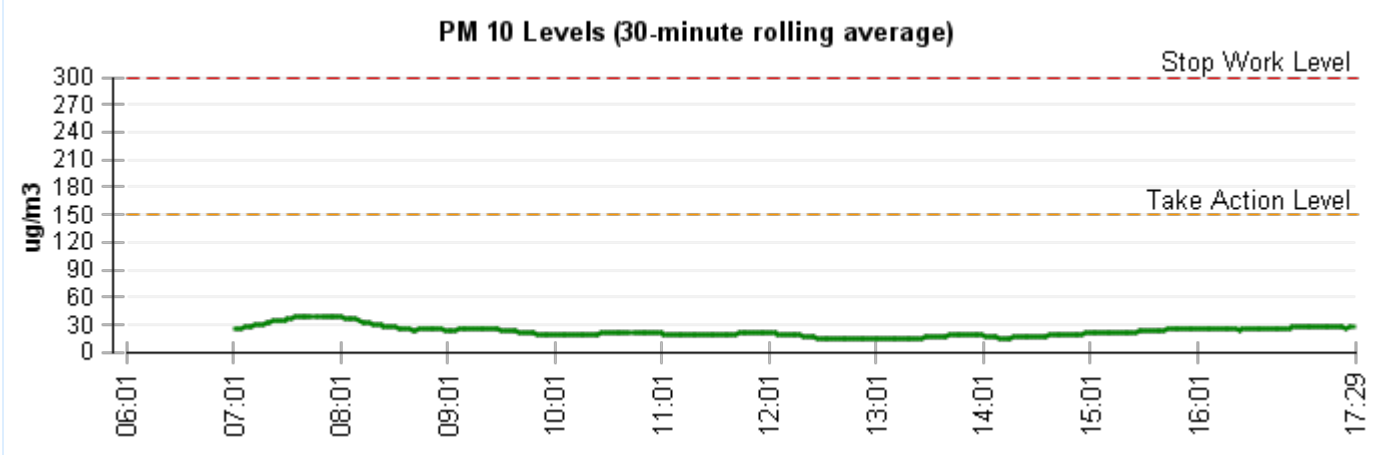
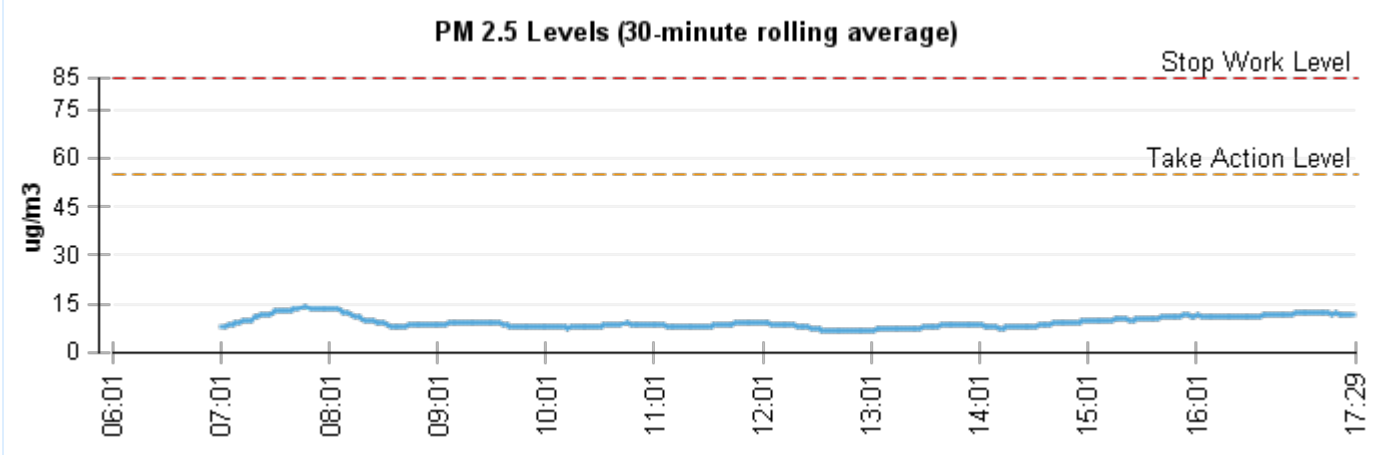
**Station ID** AMS-02      **Location Description** 29.78424, -95.31685 - IMY East - Sudan and Harlem



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 9, 2022

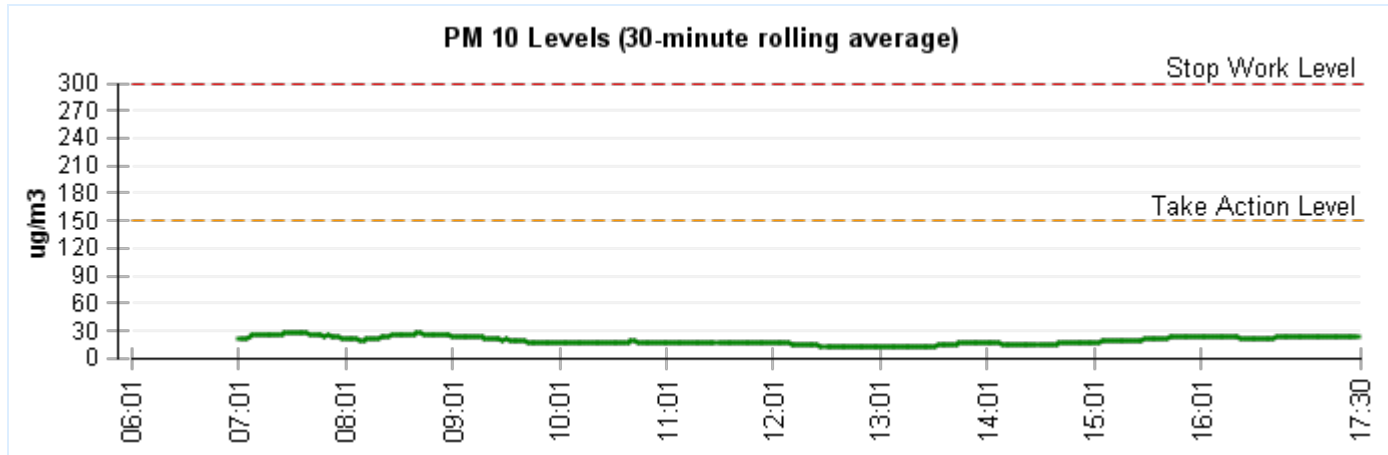
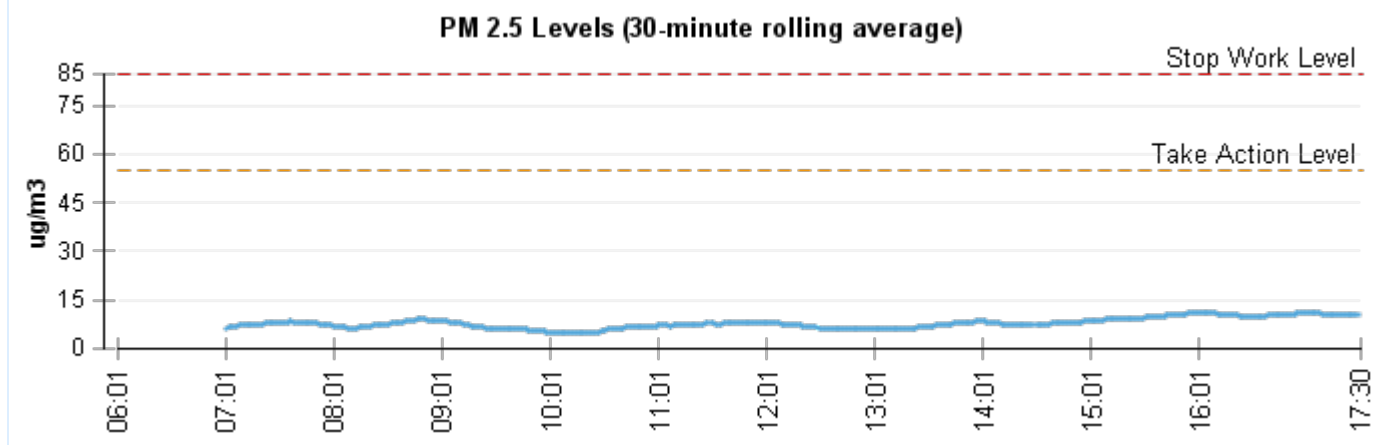
**Station ID** AMS-03      **Location Description** 29.78204, -95.31916 - IMY SE - Clementine



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 9, 2022

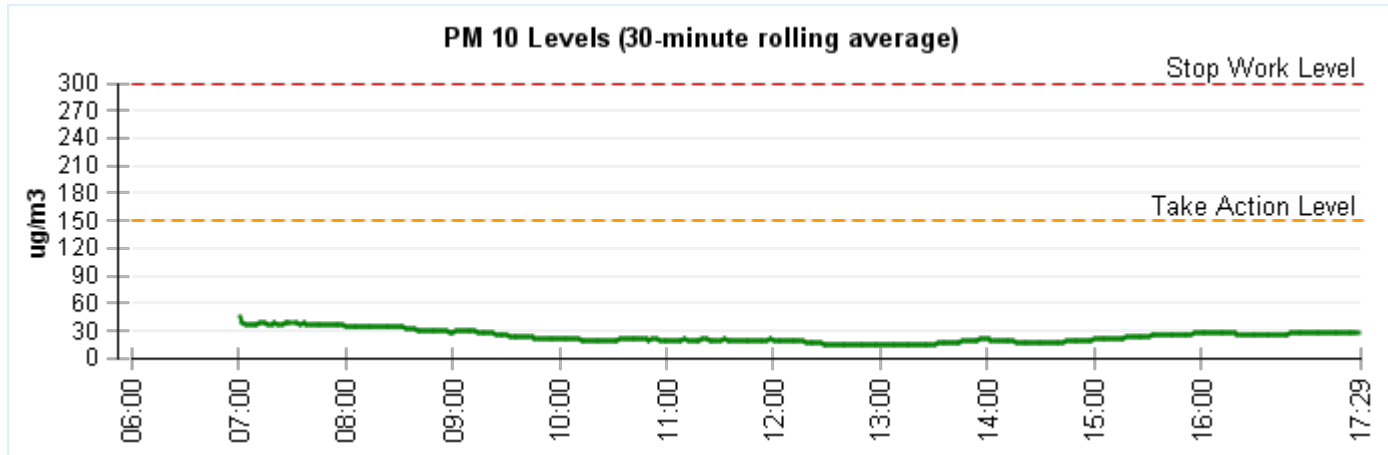
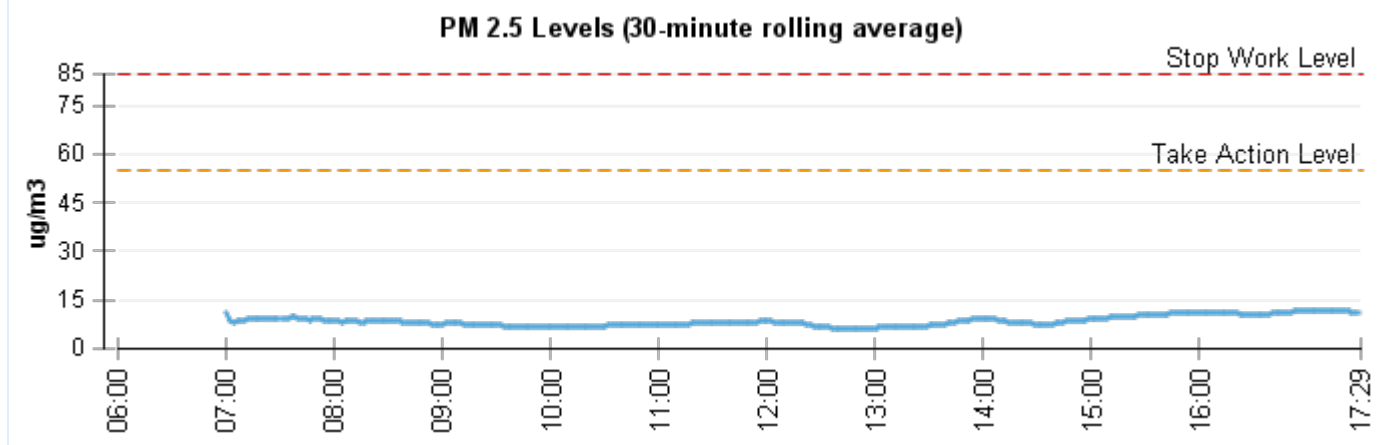
**Station ID** AMS-04a **Location Description** 29.78216, -95.32265 - IMY South - Schweikhardt



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 9, 2022

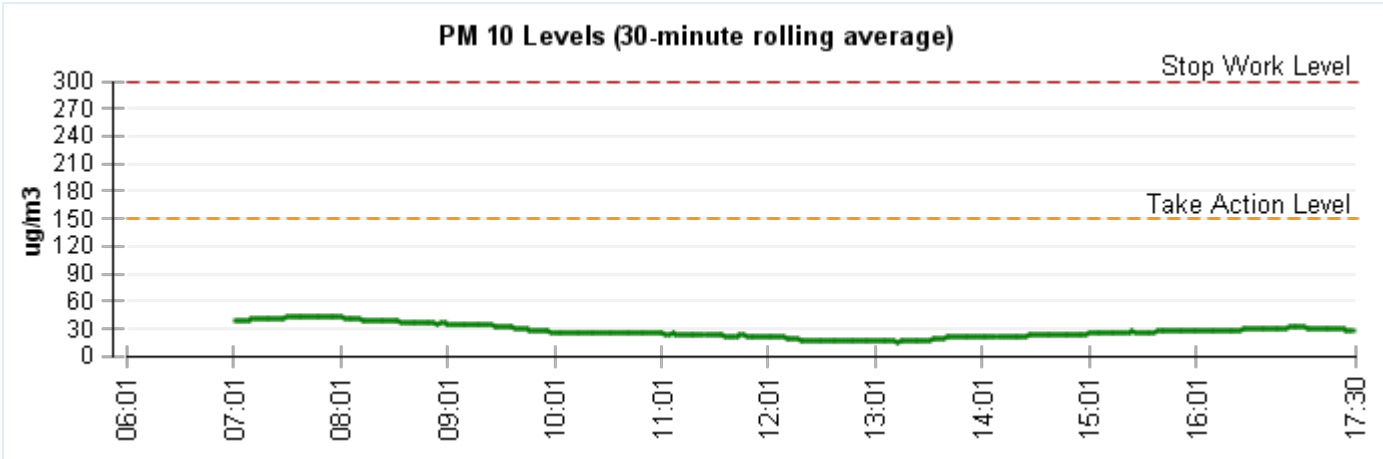
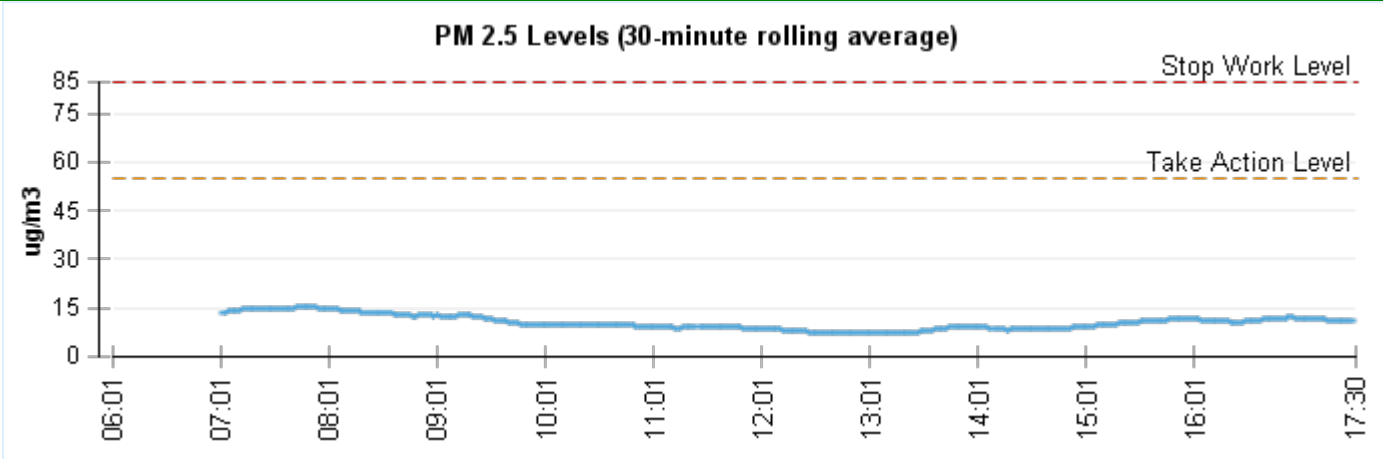
**Station ID** AMS-05a  
**Location Description** 29.78218, -95.32514 - IMY South - Waco and Lee



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 9, 2022

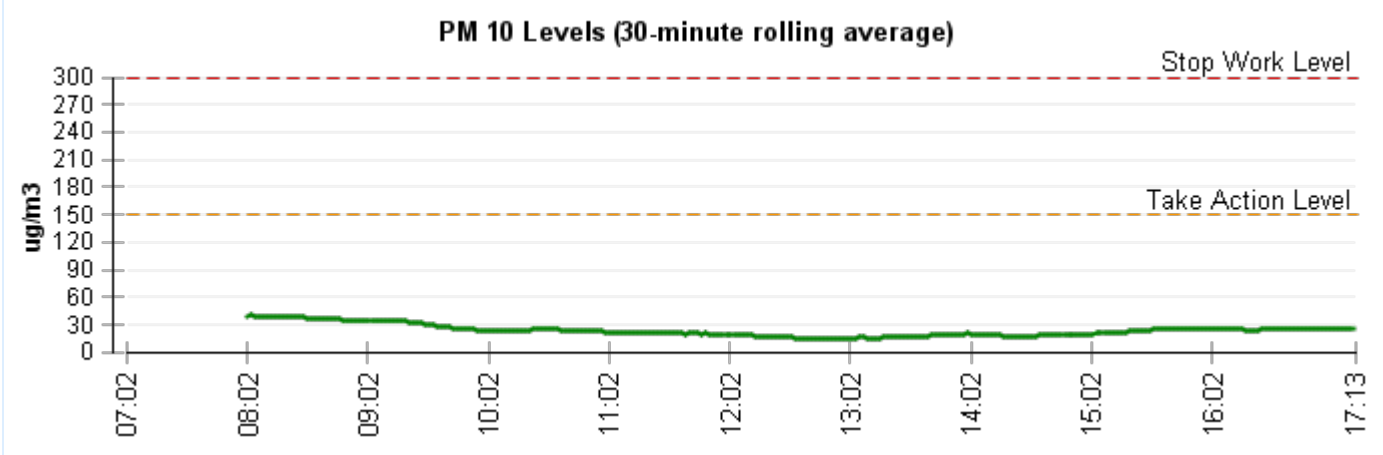
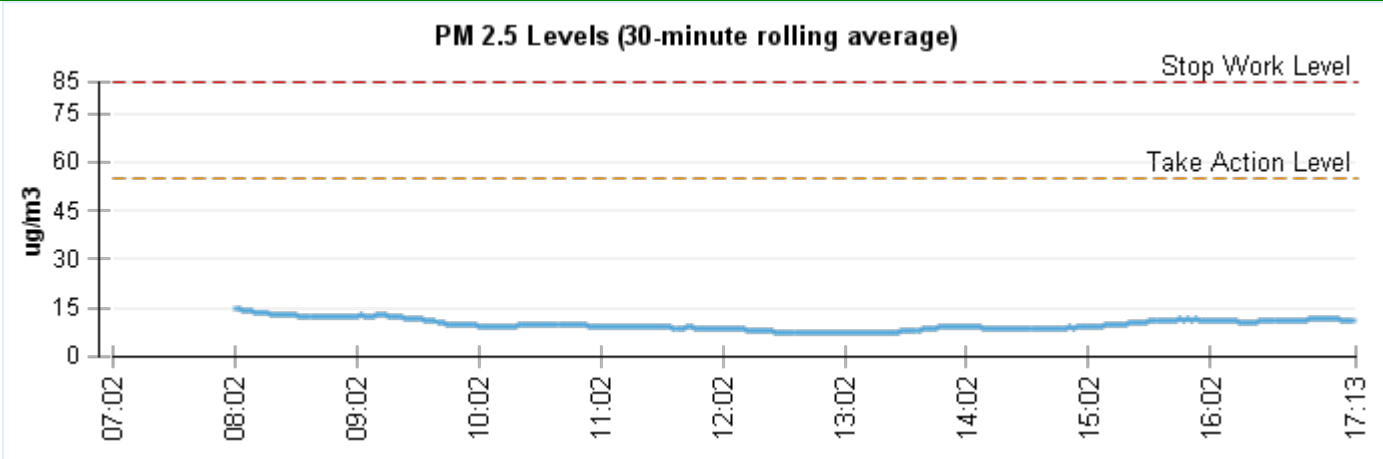
**Station ID** AMS-06 **Location Description** 29.78763, -95.31661 - HWPW - Erastus



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 9, 2022

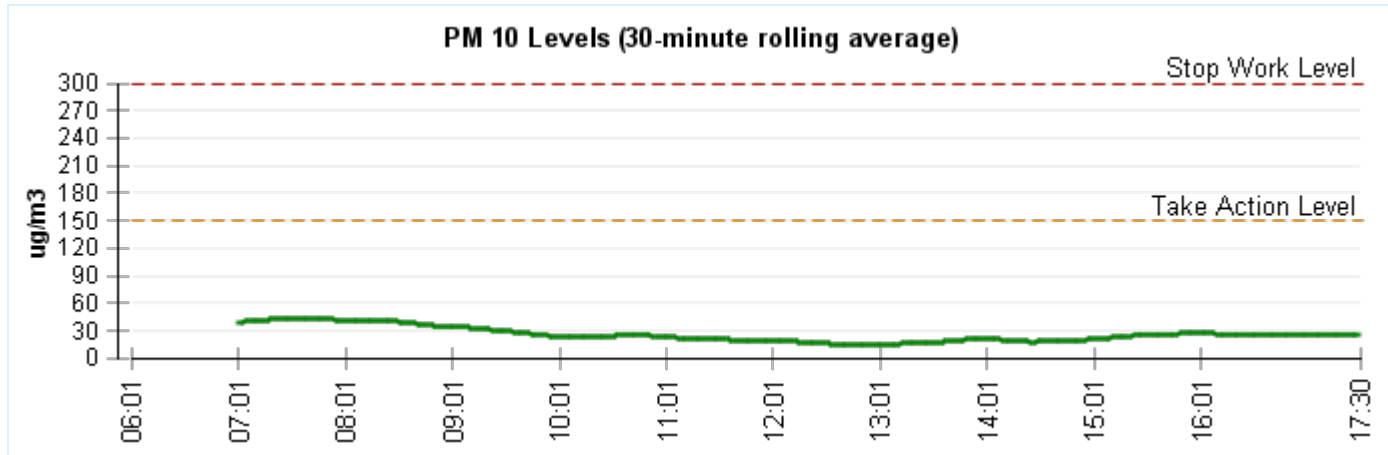
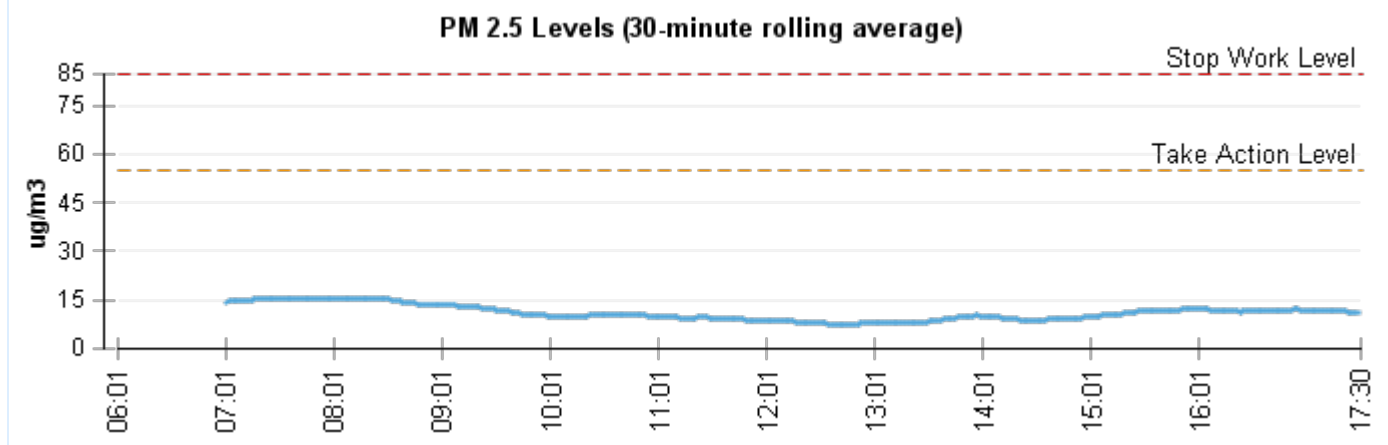
**Station ID** AMS-07 **Location Description** 29.78744, -95.31897 - HWPW - Clementine North



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 9, 2022

**Station ID** AMS-08 **Location Description** 29.7874, -95.32112 - HWPW - Solo North

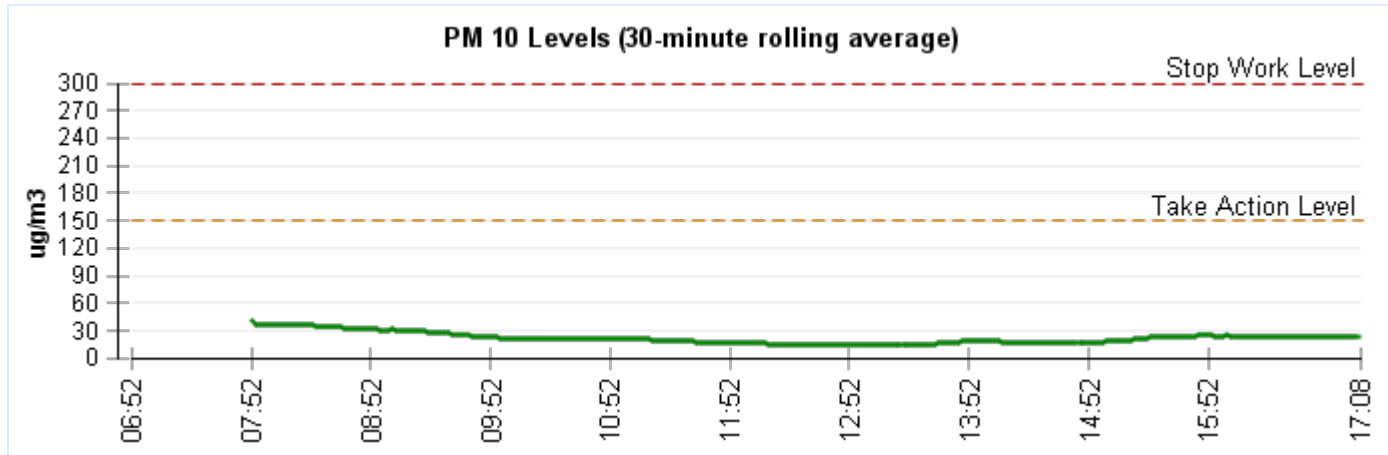
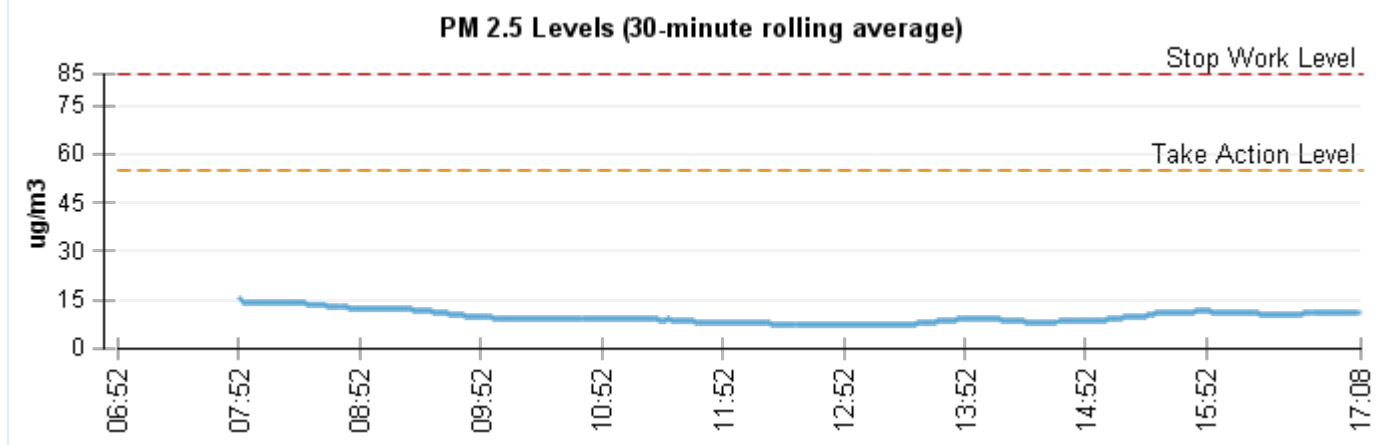




### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 9, 2022

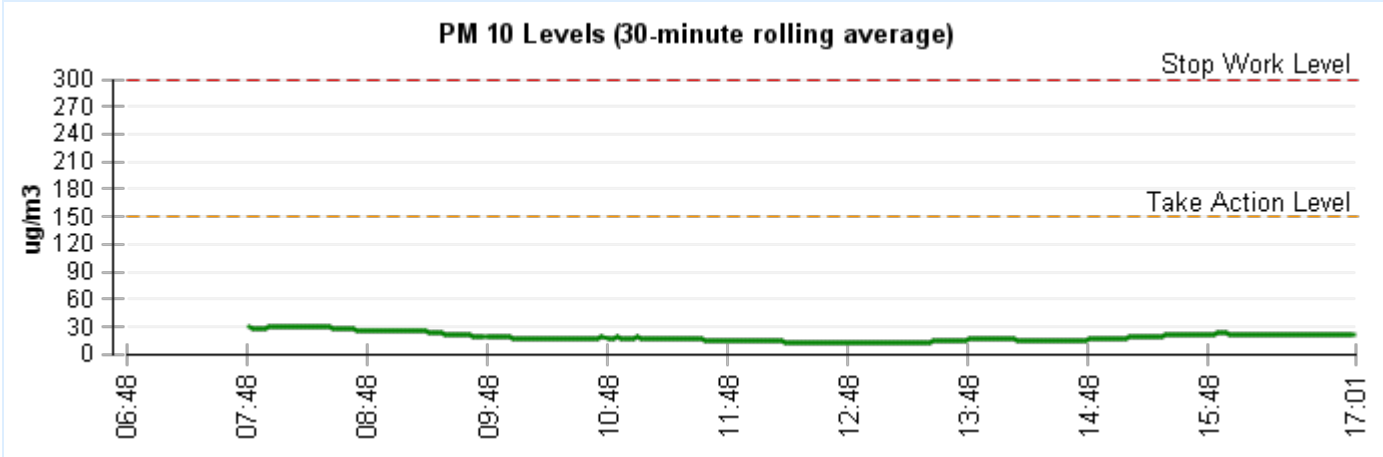
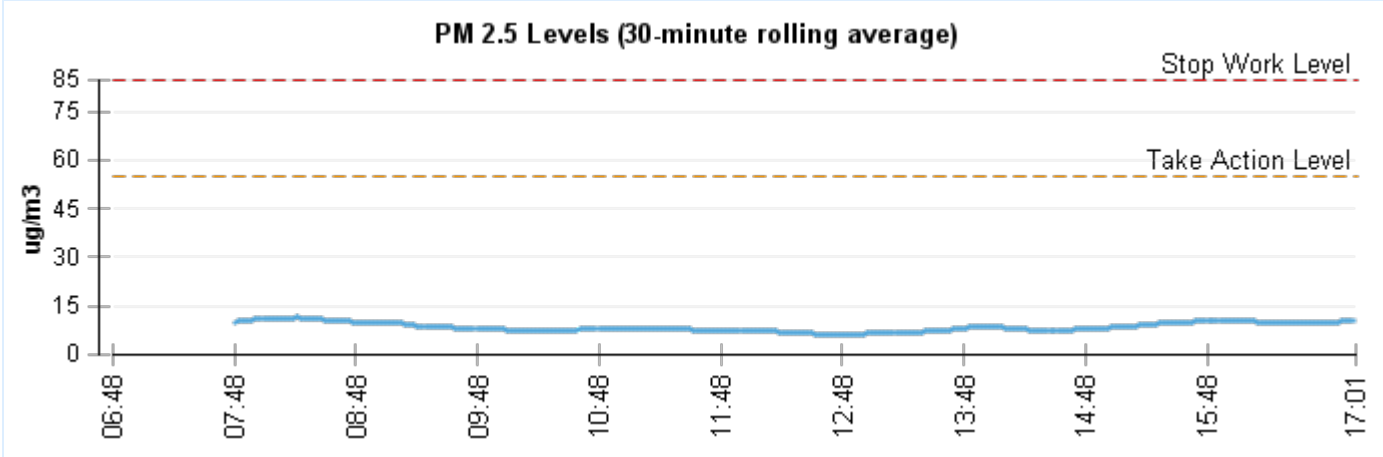
**Station ID** AMS-09 **Location Description** 29.78758, -95.32366 - HWPW - Kashmere and Liberty



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 9, 2022

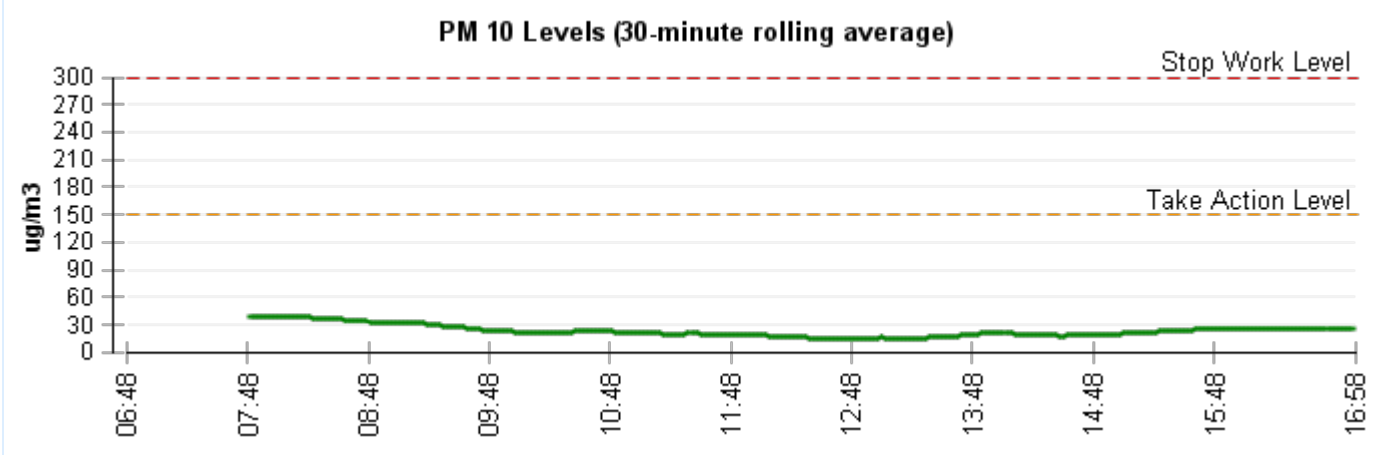
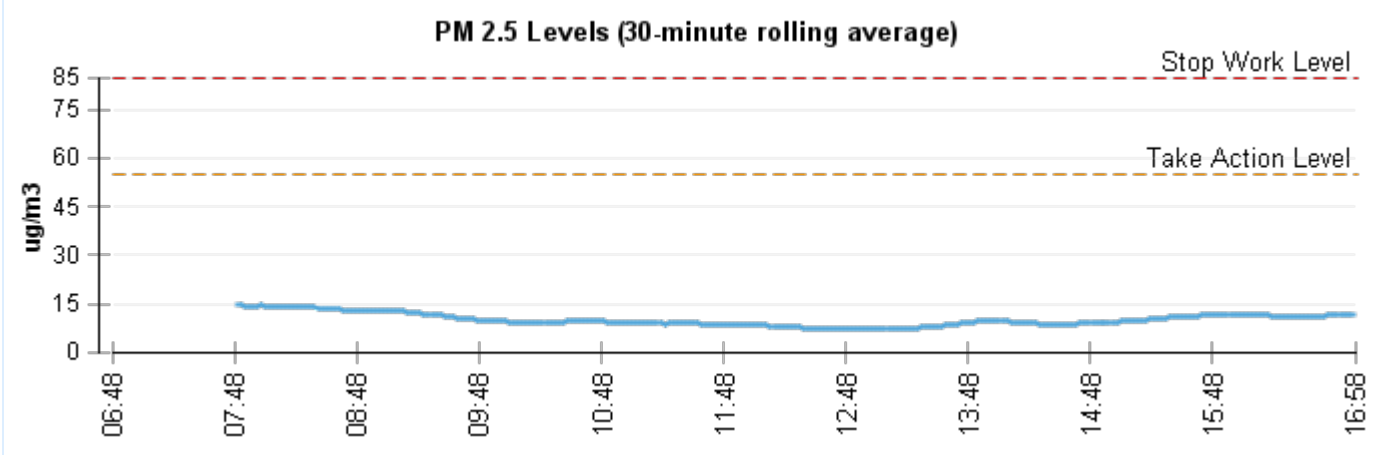
**Station ID** AMS-10b **Location Description** 29.78636, -95.3238 - HWPW - Eddie and Kashmere



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 9, 2022

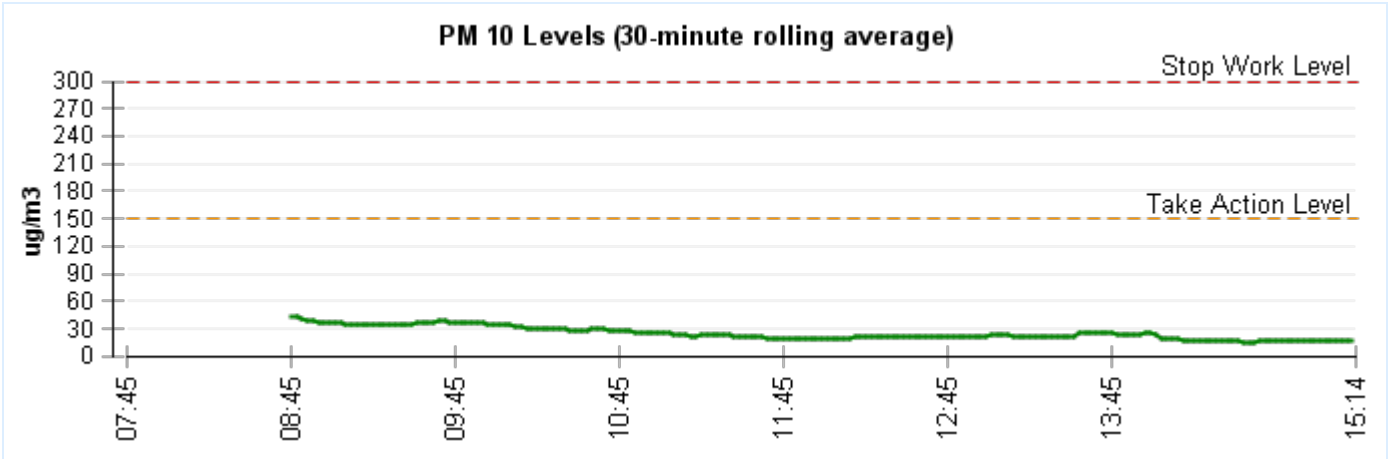
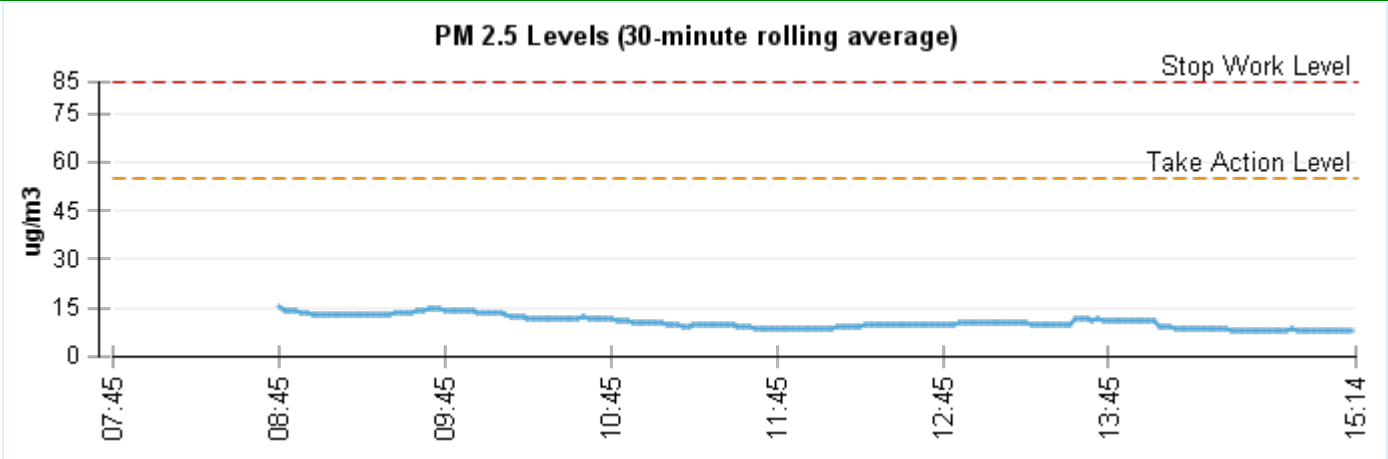
**Station ID** AMS-11 **Location Description** 29.78437, -95.32456 - HWPW - Quitman East



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 10, 2022

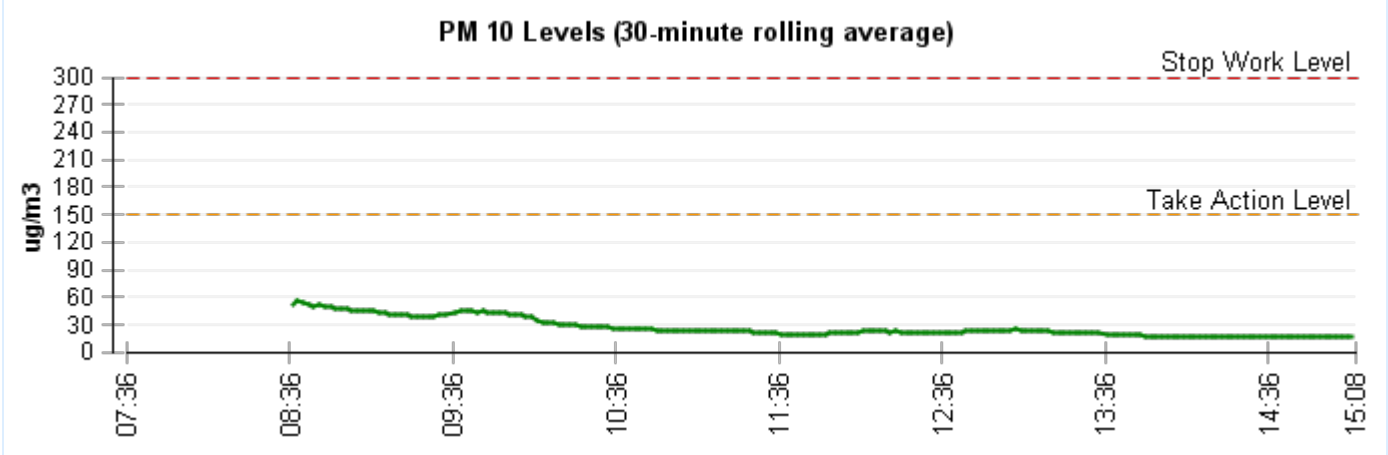
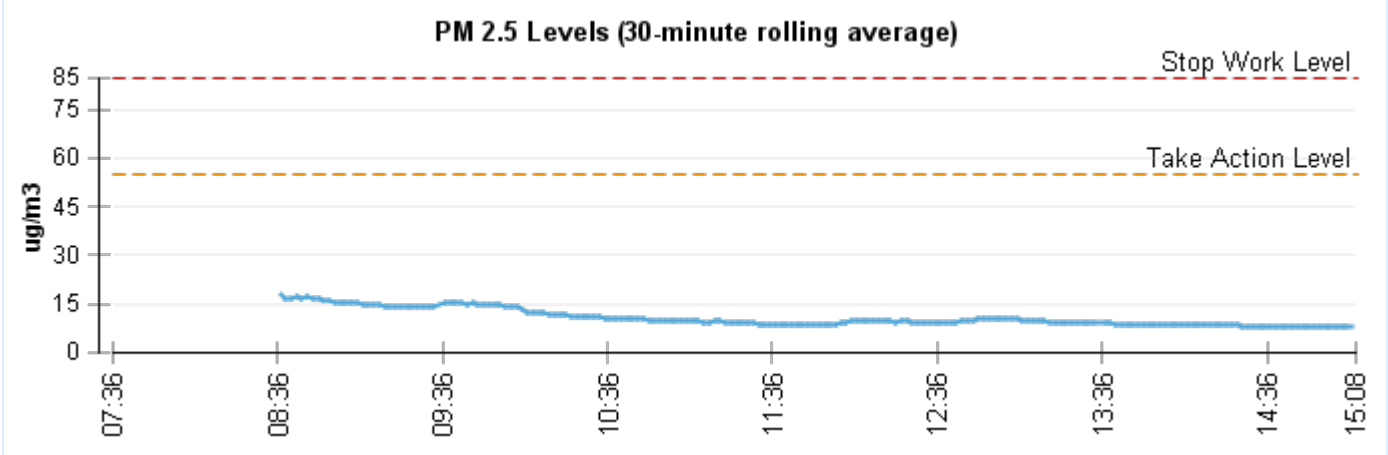
**Station ID** AMS-06 **Location Description** 29.78763, -95.31661 - HWPW - Erastus



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 10, 2022

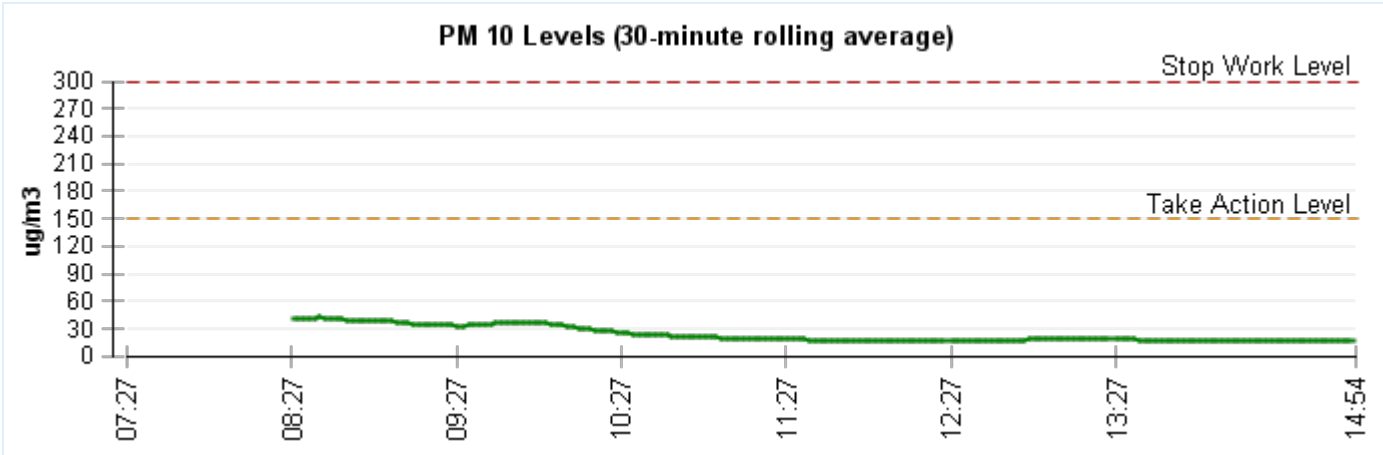
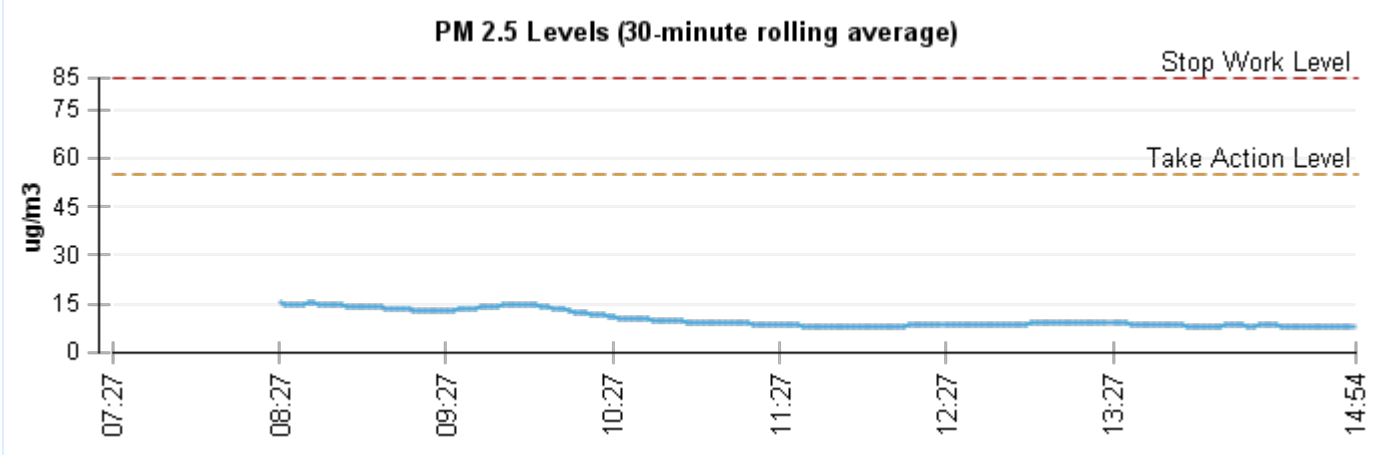
**Station ID** AMS-07 **Location Description** 29.78879, -95.31371 - Liberty - E Lockwood



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 10, 2022

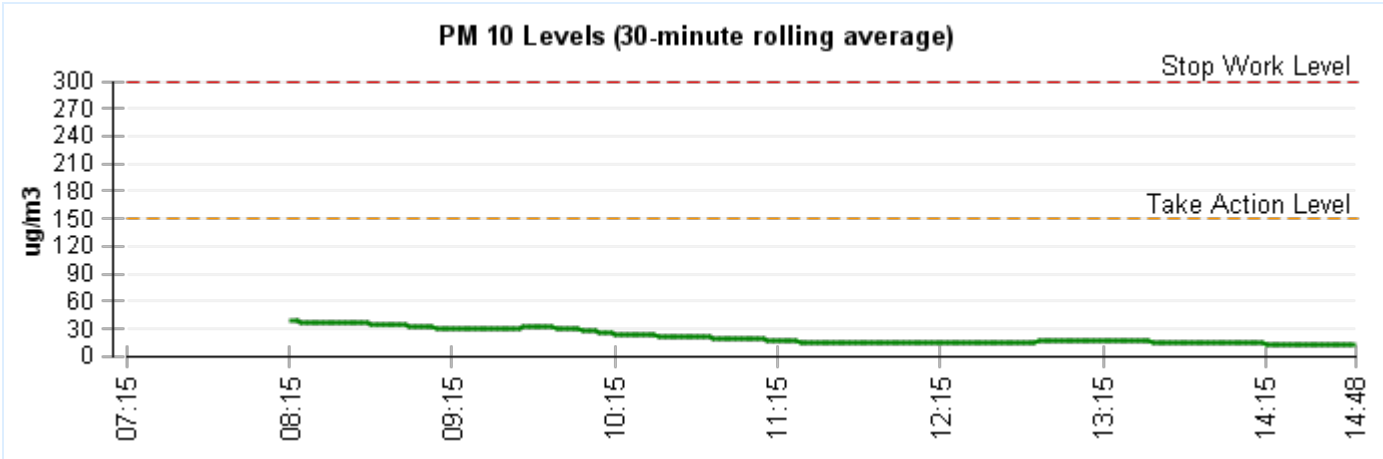
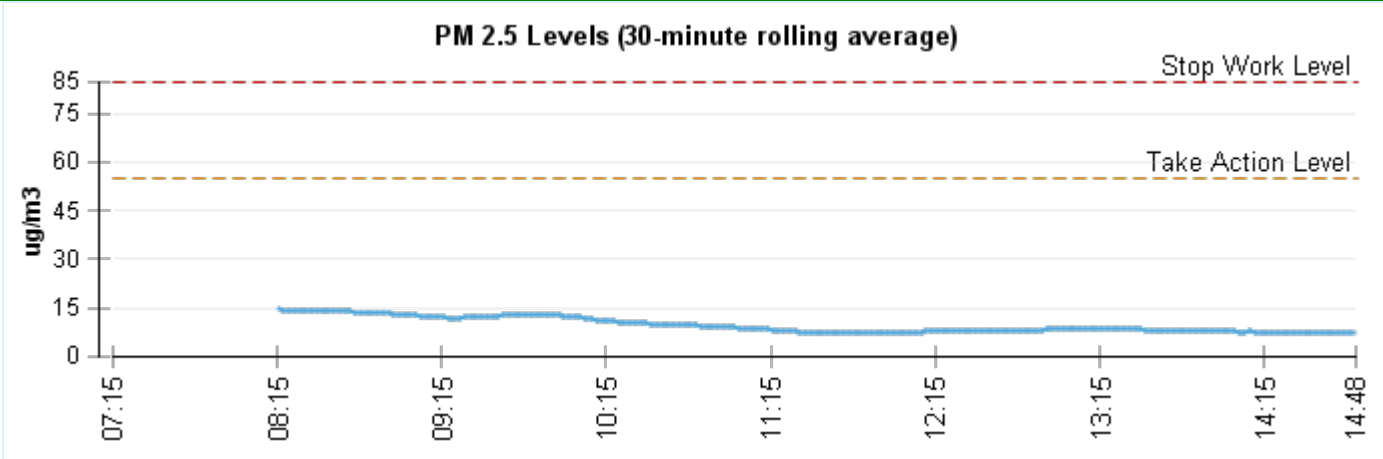
**Station ID** AMS-08 **Location Description** 29.78742, -95.32115 - HWPW - Solo North



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 10, 2022

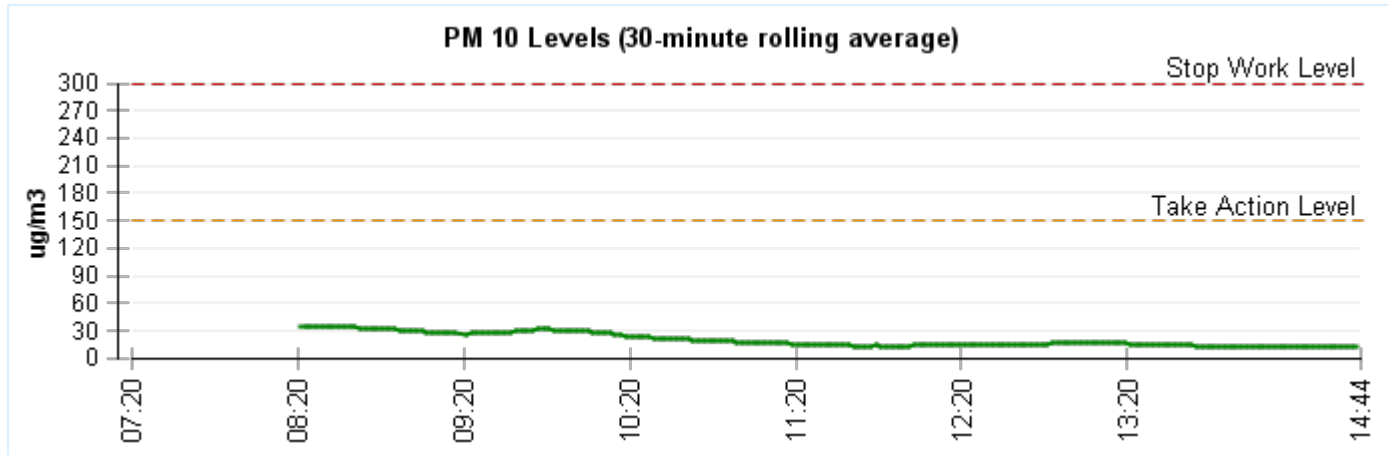
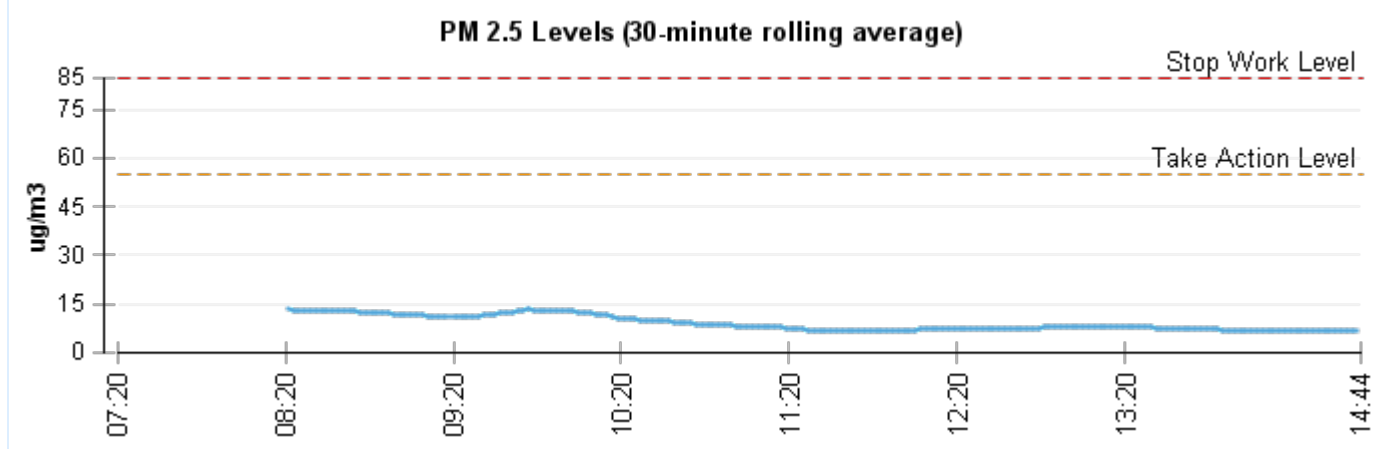
**Station ID** AMS-09 **Location Description** 29.78756, -95.3237 - HWPW - Kashmere and Liberty



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 10, 2022

**Station ID** AMS-10b  
**Location Description** 29.78636, -95.32378 - HWPW - Eddie and Kashmere

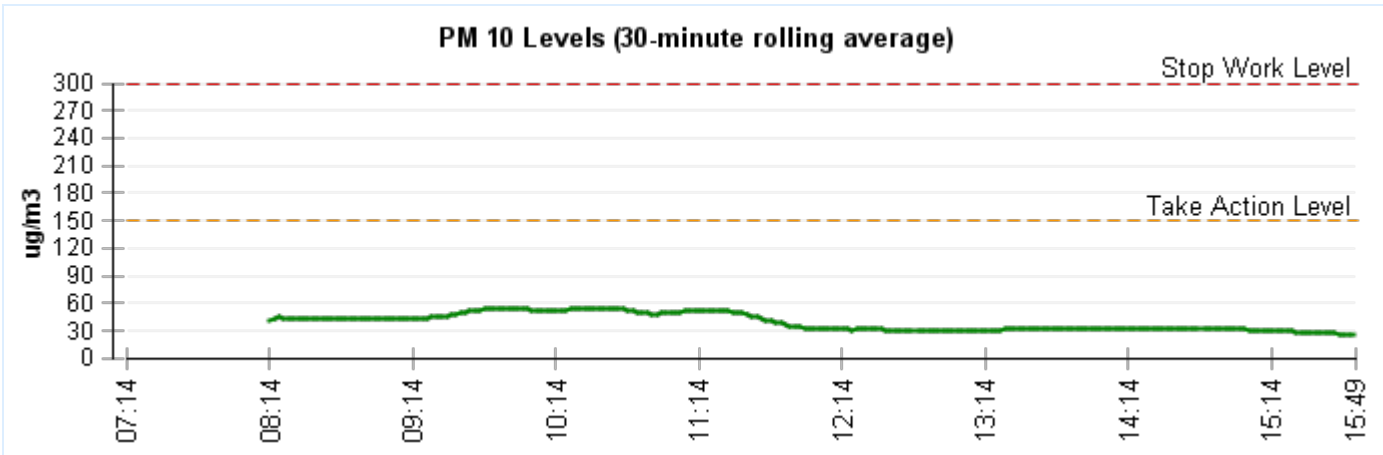
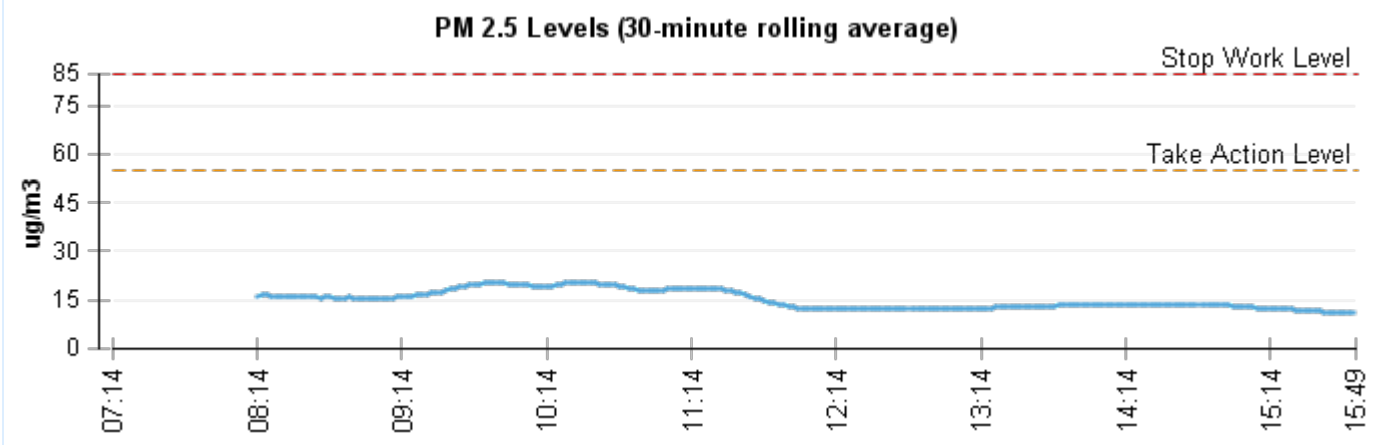




**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 11, 2022

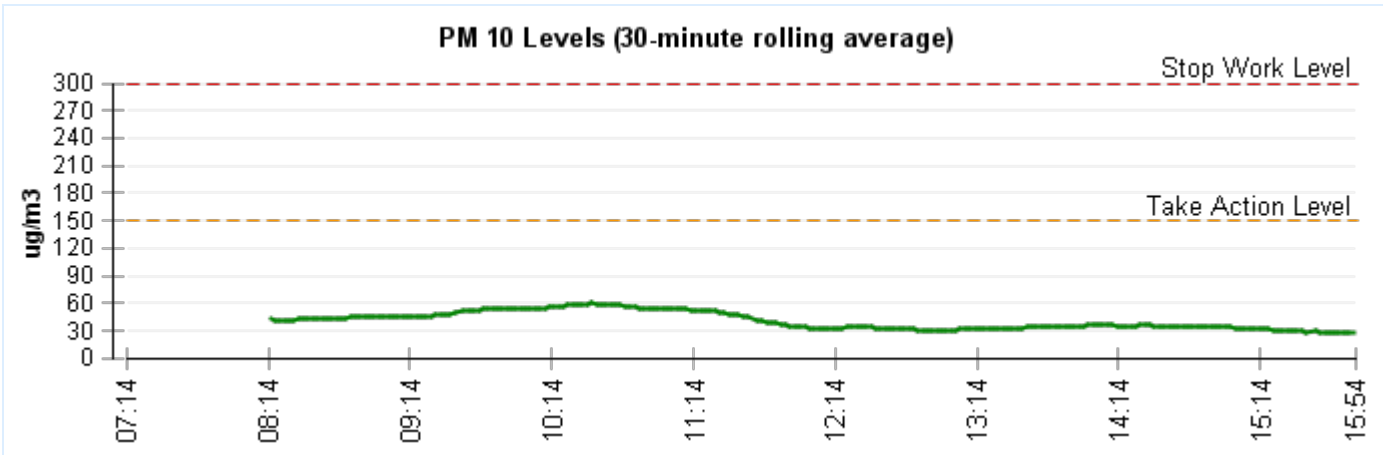
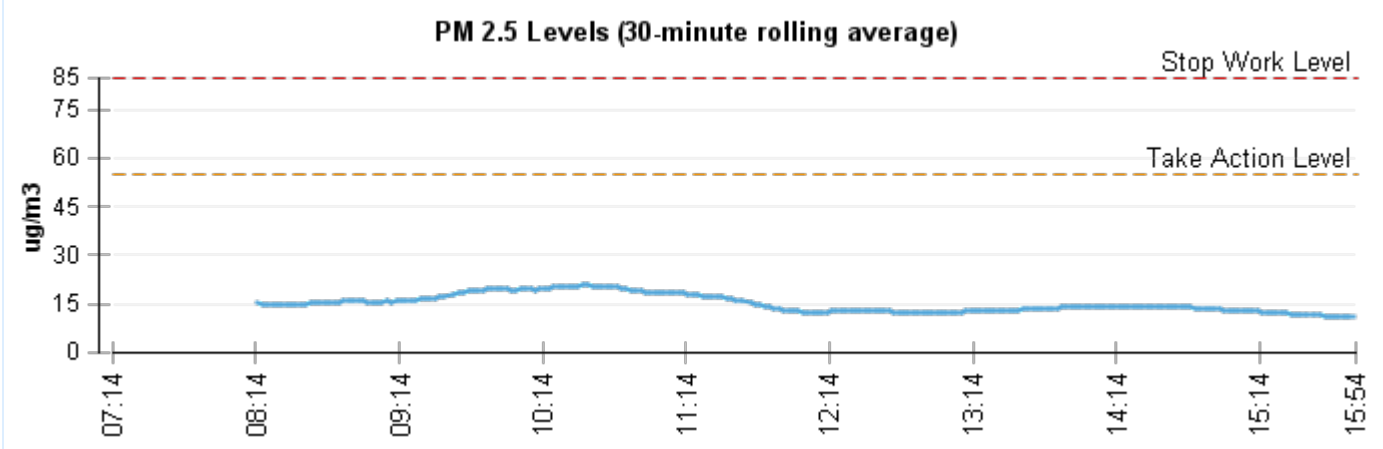
**Station ID** AMS-06 **Location Description** 29.78912, -95.31279 - Liberty - Sakowitz



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 11, 2022

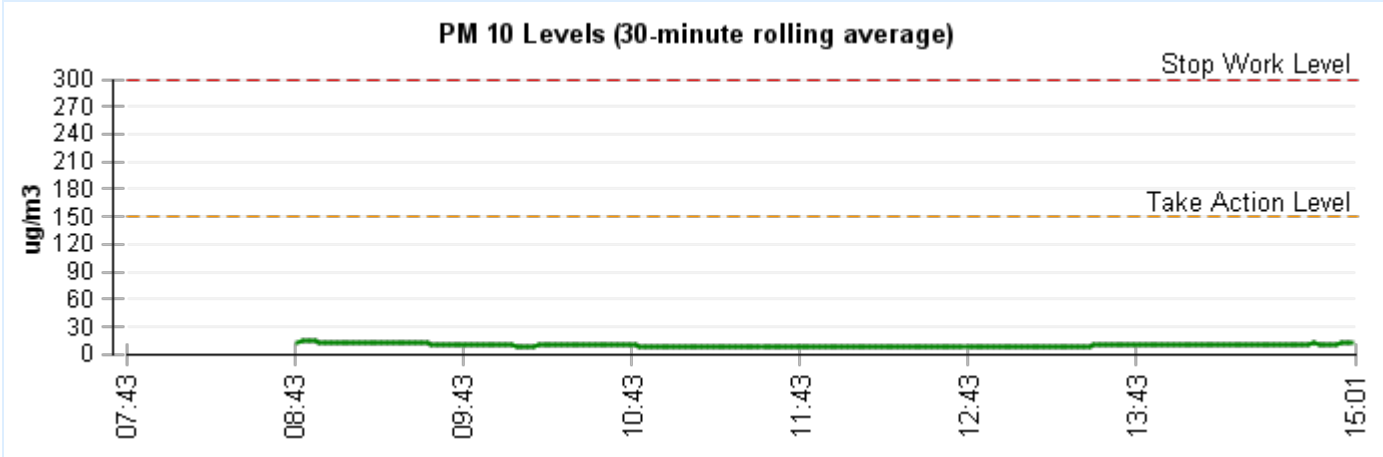
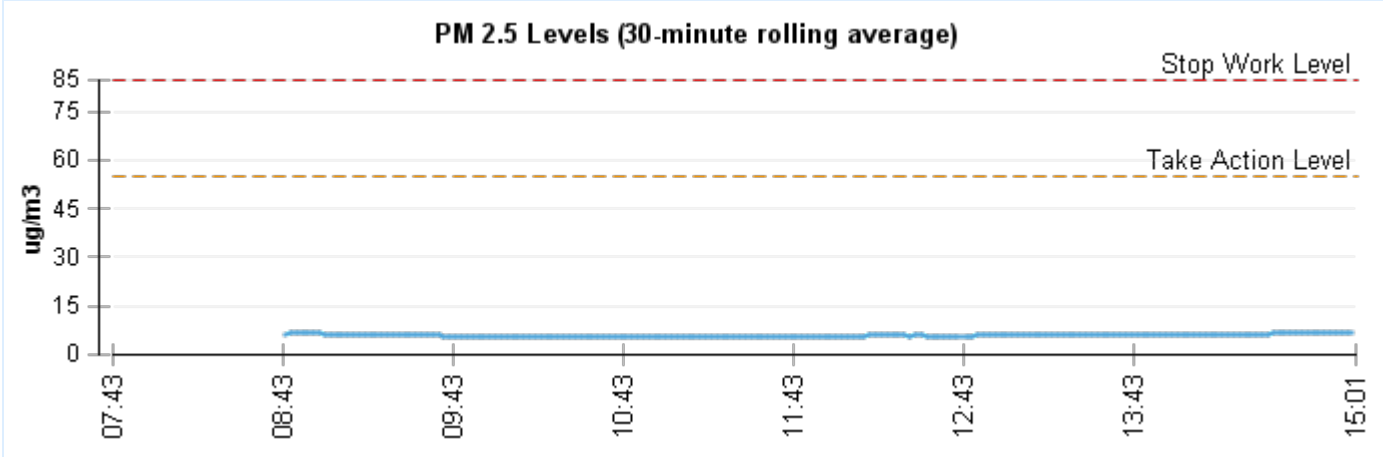
**Station ID** AMS-07 **Location Description** 29.78881, -95.31377 - Liberty - E Lockwood



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 12, 2022

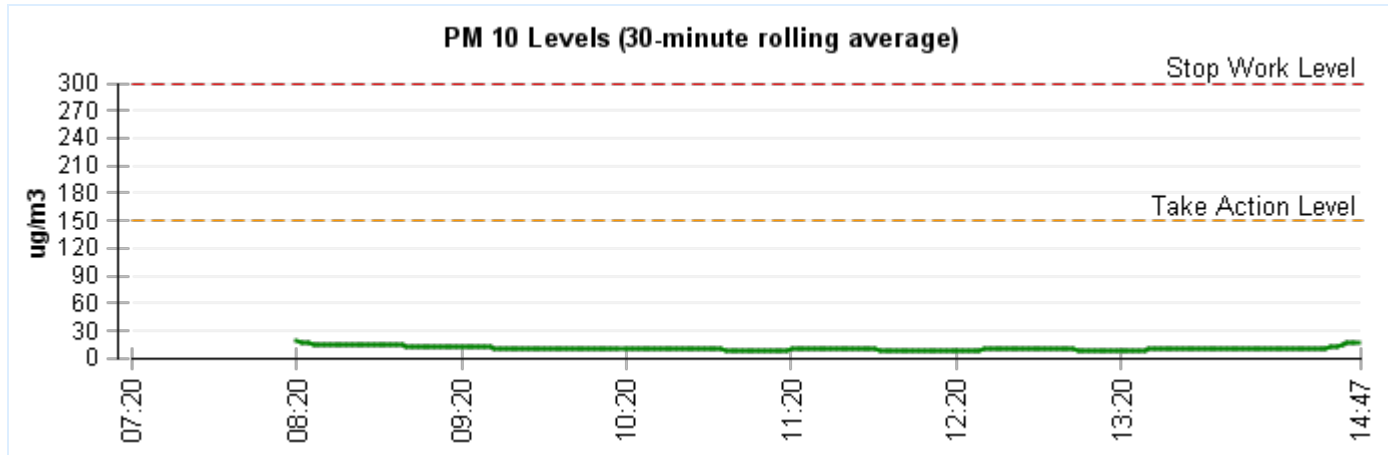
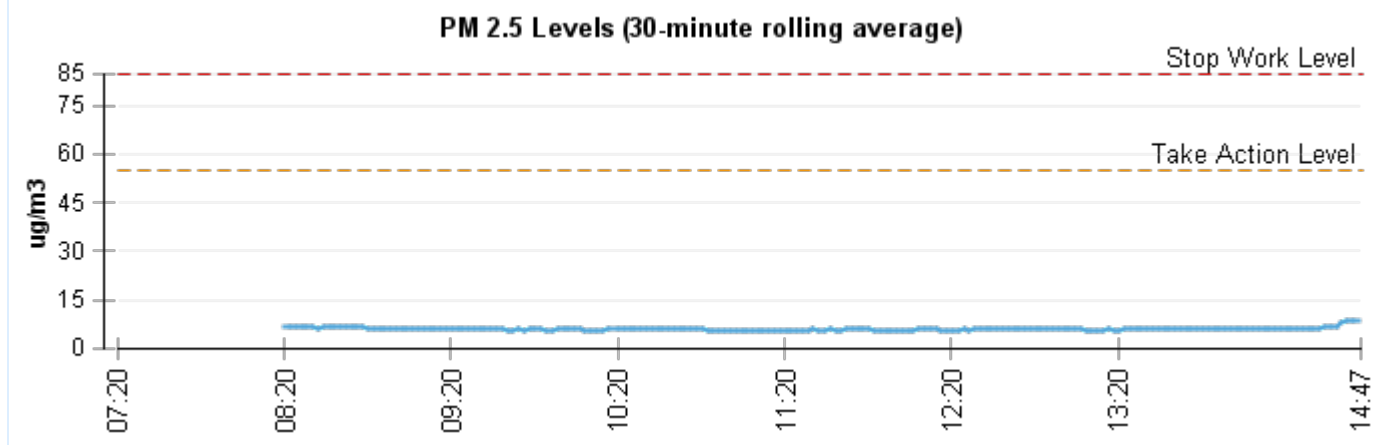
**Station ID** AMS-06 **Location Description** 29.78796, -95.31582 - Lockwood Overpass East



### PM 2.5 and PM 10 Time History Data

**Sample Date** Mar 12, 2022

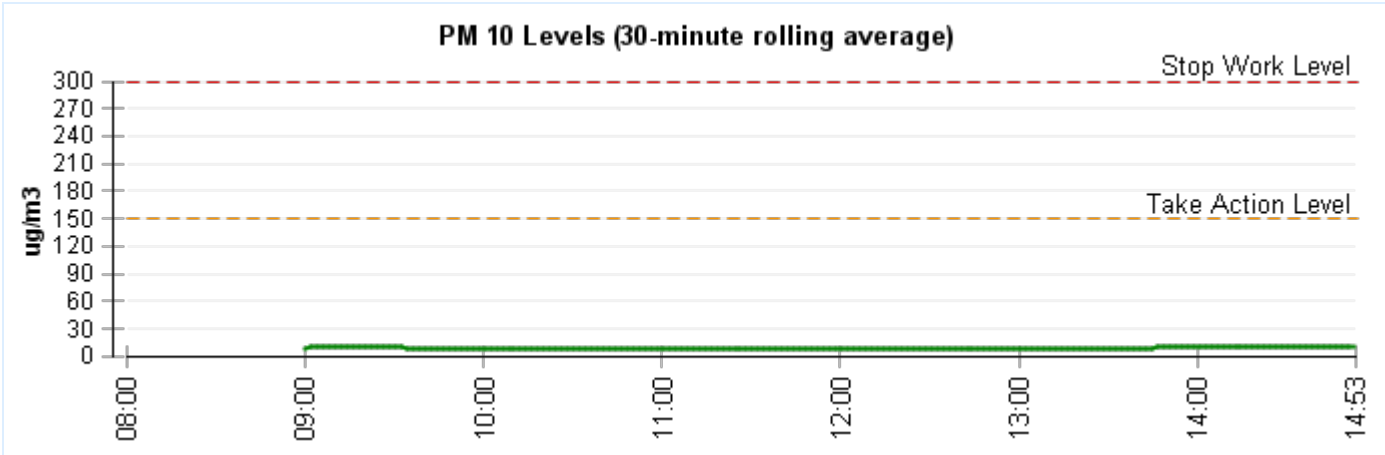
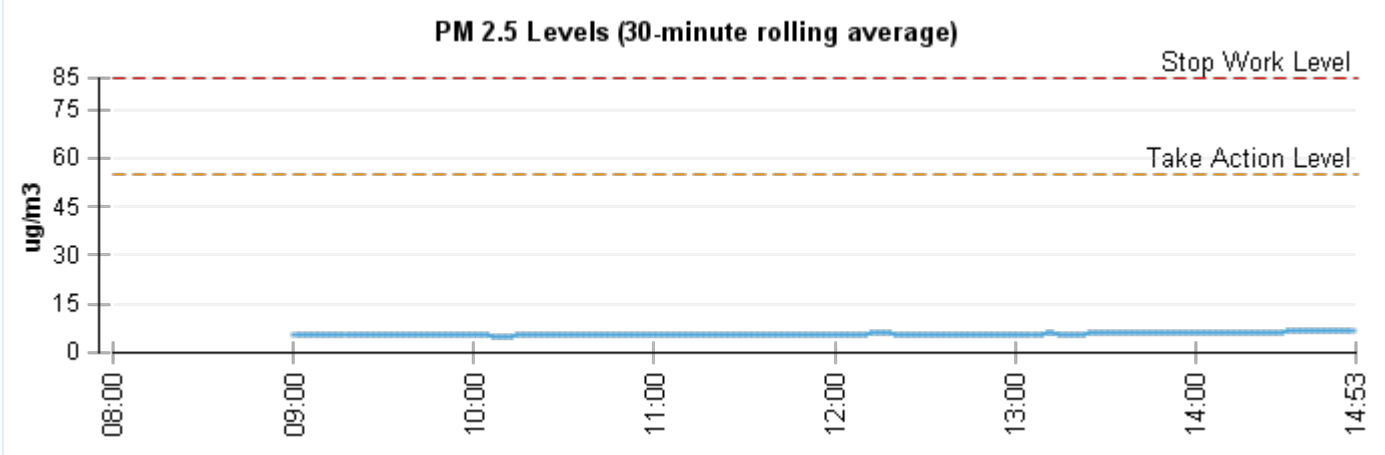
**Station ID** AMS-07  
**Location Description** 29.78878, -95.31367 - Liberty - E Lockwood



**PM 2.5 and PM 10 Time History Data**

**Sample Date** Mar 12, 2022

**Station ID** AMS-08 **Location Description** 29.78761, -95.31647 - HWPW - Erastus



## Results of Integrated Air Samples for Metals

This section provides results of integrated air samples collected for lead and arsenic.

Integrated air samples are air samples collected by drawing a known volume of air through filters, sorbents or other media and then submitted to a qualified independent laboratory analysis. Integrated samples for selected metals (lead and arsenic) are collected and reported for this project. Integrated air sample results lag behind real-time results, due to the time required for sample collection, shipping, analysis and data validation. Results provided in this report are the results received and validated since the last weekly report.

Data items included on this report are explained as follows:

- **Sample Number:** The unique identifier for the sample.
- **Date:** The date on which the sample was collected.
- **Start:** The time at which sample collection began.
- **End:** The time at which sample collection ended.
- **Station ID:** The name of the air monitoring station where the sample was collected.
- **Location:** The geographic coordinates and general area description, indicating the location where the sample was collected.
- **Agent:** The name of the chemical substance(s) for which the sample was analyzed.
- **Airborne Concentration:** The unique identifier for the sample.
- **Short-Term AMCV:** The Short-Term Air Monitoring Comparison Value (AMCV) for the agent. N/A means no short-term AMCV has been established for the specified agent.
- **Long-Term AMCV:** The Long-Term Air Monitoring Comparison Value (AMCV) for the agent. N/A means no long-term AMCV has been established for the specified agent.

### About the Air Monitoring Comparison Values (AMCV)

Air Monitoring Comparison Values (AMCV) are chemical-specific air concentrations determined by the Texas Department of Environmental Quality (TCEQ) and intended to protect human health and welfare. Exposure to an air concentration at or below the AMCVs is not likely to cause adverse health effects in the general public, including sensitive subgroups such as children, the elderly, pregnant women, and people with preexisting health conditions. They are *not* intended for use as an indicator or threshold of harm or disease. AMCV have not been established for all chemicals. TCEQ currently has AMCV's appropriate for air monitoring for approximately 120 chemicals. Both short-term and long-term AMCVs may be established. These are explained as follows:

- **Short-Term AMCV:** The short-term AMCV, based on acute exposure health and welfare data, is compared to monitored concentrations that can be *30 minutes to 1-hour*, which represent a point in time for a specific location.
- **Long-Term AMCV:** The long-term AMCV, based on chronic health and welfare data, is used to evaluate *annual* averaged monitored concentrations or annual concentrations averaged over multiple years (if available), which represent multiple points in time for specific locations.

Air samples for lead and arsenic are collected, based on the results of prior soil sampling at the Houston Wood Preserving Works site. However, soils from the former Houston Wood Preserving Works site are not the only sources of these agents. These agents may be produced by a variety of sources. Lead may be produced from ore and metals processing, piston-engined aircraft operating on leaded aviation fuel, waste incinerators, lead-acid battery manufacturers and recyclers and smelting operations. Arsenic may be produced from pesticides, ore and metals processing, semiconductor and LED manufacturing, and lead-acid battery manufacturers and recyclers. Both metals also occur naturally.

### Results of Integrated Air Samples for Metals

Sample Number	Date	Start	End	Station ID	Location
AA-1744-M066-20220228	2/28/22	05:04	17:04	AMS-03	(29.78205, -95.31915) - IMY SE - Clementine
<b>Agent</b>		<b>Airborne Concentration</b>		<b>Short-Term AMCV</b>	<b>Long-Term AMCV</b>
Arsenic		< 0.053 ug/m3		N/A	0.067 ug/m3
Lead		< 0.026 ug/m3		N/A	0.15 ug/m3
Sample Number	Date	Start	End	Station ID	Location
AA-1744-M067-20220228	2/28/22	05:33	17:33	AMS-06	(29.78752, -95.31742) - HWPW - Erastus
<b>Agent</b>		<b>Airborne Concentration</b>		<b>Short-Term AMCV</b>	<b>Long-Term AMCV</b>
Arsenic		< 0.051 ug/m3		N/A	0.067 ug/m3
Lead		< 0.026 ug/m3		N/A	0.15 ug/m3
Sample Number	Date	Start	End	Station ID	Location
AA-1744-M068-20220228	2/28/22	05:49	17:49	AMS-08	(29.78731, -95.32117) - HWPW - Solo North
<b>Agent</b>		<b>Airborne Concentration</b>		<b>Short-Term AMCV</b>	<b>Long-Term AMCV</b>
Arsenic		< 0.052 ug/m3		N/A	0.067 ug/m3
Lead		< 0.026 ug/m3		N/A	0.15 ug/m3
Sample Number	Date	Start	End	Station ID	Location
AA-1744-M070-20220301	3/1/22	04:58	16:58	AMS-03	(29.78203, -95.31915) - IMY SE - Clementine
<b>Agent</b>		<b>Airborne Concentration</b>		<b>Short-Term AMCV</b>	<b>Long-Term AMCV</b>
Arsenic		< 0.052 ug/m3		N/A	0.067 ug/m3
Lead		< 0.026 ug/m3		N/A	0.15 ug/m3
Sample Number	Date	Start	End	Station ID	Location
AA-1744-M071-20220301	3/1/22	05:25	17:25	AMS-06	(29.78756, -95.31735) - HWPW - Erastus
<b>Agent</b>		<b>Airborne Concentration</b>		<b>Short-Term AMCV</b>	<b>Long-Term AMCV</b>
Arsenic		< 0.052 ug/m3		N/A	0.067 ug/m3
Lead		< 0.026 ug/m3		N/A	0.15 ug/m3
Sample Number	Date	Start	End	Station ID	Location
AA-1744-M072-20220301	3/1/22	05:39	17:39	AMS-08	(29.78743, -95.32118) - HWPW - Solo North
<b>Agent</b>		<b>Airborne Concentration</b>		<b>Short-Term AMCV</b>	<b>Long-Term AMCV</b>
Arsenic		< 0.052 ug/m3		N/A	0.067 ug/m3
Lead		< 0.026 ug/m3		N/A	0.15 ug/m3

## Results of Integrated Air Samples for Polynuclear Aromatic Hydrocarbons (PAH)

This section provides results of integrated air samples collected for polynuclear aromatic hydrocarbons.

Integrated air samples are air samples collected by drawing a known volume of air through filters, sorbents or other media and then submitted to a qualified independent laboratory analysis. Integrated samples for selected metals and polynuclear aromatic hydrocarbons are collected and reported for this project. Integrated air sample results lag behind real-time results, due to the time required for sample collection, shipping, analysis and data validation. Results provided in this report are the results received and validated since the last weekly report.

Data items included on this report are explained as follows:

- **Sample Number:** The unique identifier for the sample.
- **Date:** The date on which the sample was collected.
- **Start:** The time at which sample collection began.
- **End:** The time at which sample collection ended.
- **Station ID:** The name of the air monitoring station where the sample was collected.
- **Location:** The geographic coordinates and general area description, indicating the location where the sample was collected.
- **Agent:** The name of the chemical substance(s) for which the sample was analyzed.
- **Airborne Concentration:** The unique identifier for the sample.
- **Short-Term AMCV:** The Short-Term Air Monitoring Comparison Value (AMCV) for the agent. N/A means no short-term AMCV has been established for the specified agent.
- **Long-Term AMCV:** The Long-Term Air Monitoring Comparison Value (AMCV) for the agent. N/A means no long-term AMCV has been established for the specified agent.

### About the Air Monitoring Comparison Values (AMCV)

Air Monitoring Comparison Values (AMCV) are chemical-specific air concentrations determined by the Texas Department of Environmental Quality (TCEQ) and intended to protect human health and welfare. Exposure to an air concentration at or below the AMCVs is not likely to cause adverse health effects in the general public, including sensitive subgroups such as children, the elderly, pregnant women, and people with preexisting health conditions. They are *not* intended for use as an indicator or threshold of harm or disease. AMCV have not been established for all chemicals. TCEQ currently has AMCV's appropriate for air monitoring for approximately 120 chemicals. Both short-term and long-term AMCVs may be established. These are explained as follows:

- **Short-Term AMCV:** The short-term AMCV, based on acute exposure health and welfare data, is compared to monitored concentrations that can be *30 minutes to 1-hour*, which represent a point in time for a specific location.
- **Long-Term AMCV:** The long-term AMCV, based on chronic health and welfare data, is used to evaluate *annual* averaged monitored concentrations or annual concentrations averaged over multiple years (if available), which represent multiple points in time for specific locations.

Air samples for polynuclear aromatic hydrocarbons (PAHs) are collected, based on the results of prior soil sampling at the Houston Wood Preserving Works site. However, soils from the former Houston Wood Preserving Works site are not the only sources of these agents. PAHs may be produced by a variety of sources, including power generation, vehicle and aircraft exhaust, burning of wood or garbage, cement manufacturing, rubber tire manufacturing and burning, various chemical manufacturing, wildfires and application of pesticides.

**Note:** PAH samples listed on this report were collected the week of February 28, 2022. See the weekly report for that week for details on work activities. Supply-chain issues that week limited availability of PUF media typically used to collect PAH samples using the EPA TO-13a method. As a stop-gap measure, UPRR received permission from the TCEQ to use NIOSH Method 5506 to collect air samples for PAH's for samples that week. The NIOSH method verified that no PAH's exceeded the short-term AMCV's. However, the NIOSH method is not sensitive enough to verify that levels were below the *long-term* AMCV for those PAH compounds with AMCV's below 0.5 ug/m<sup>3</sup> (anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene). The NIOSH method does not include benzo(e)anthracene or perylene, neither of which has been detected in any previous samples for the site.



**Results of Integrated Air Samples for Polynuclear Aromatic Hydrocarbons (PAH)**

Sample Number	Date	Start	End	Station ID	Location
AA-1744-P062-20220301	3/1/22	07:56	15:28	AMS-03	(29.78203, -95.31915) - IMY SE - Clementine

Agent	Airborne Concentration	Short-Term AMCV	Long-Term AMCV
1-Methylnaphthalene	< 0.3 ug/m3	N/A	N/A
2-Methylnaphthalene	< 0.4 ug/m3	N/A	N/A
Acenaphthene	= 1.5 ug/m3	100 ug/m3	10 ug/m3
Acenaphthylene	< 0.3 ug/m3	100 ug/m3	10 ug/m3
Anthracene	< 0.4 ug/m3	1 ug/m3	0.067 ug/m3
Benzo(a)anthracene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Benzo(a)pyrene	< 0.5 ug/m3	N/A	0.017 ug/m3
Benzo(b)fluoranthene	< 0.5 ug/m3	0.5 ug/m3	0.05 ug/m3
Benzo(g,h,i)perylene	< 0.6 ug/m3	0.5 ug/m3	0.05 ug/m3
Benzo(k)fluoranthene	< 0.5 ug/m3	0.5 ug/m3	0.05 ug/m3
Chrysene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Dibenzo(a,h)anthracene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Fluoranthene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Fluorene	= 0.6 ug/m3	10 ug/m3	1 ug/m3
Indeno(1,2,3-cd)pyrene	< 0.5 ug/m3	0.5 ug/m3	0.05 ug/m3
Naphthalene	= 2.9 ug/m3	500 ug/m3	50 ug/m3
Phenanthrene	= 0.5 ug/m3	8 ug/m3	0.8 ug/m3
Pyrene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3

*Note: A large flatbed 18-wheeler was observed idling in the immediate vicinity of station AMS-03 for over 2 hours. The exhaust from the diesel engine appears likely to be the source of the detected compounds. The station was located on the south of the intermodal yard, near the intersection of Lee and Clementine, and was upwind of excavation activities occurring along the service road of the former Houston Wood Preserving Works site.*

Sample Number	Date	Start	End	Station ID	Location
AA-1744-P063-20220301	3/1/22	07:56	15:56	AMS-06	(29.78756, -95.31735) - HWPW - Erastus

Agent	Airborne Concentration	Short-Term AMCV	Long-Term AMCV
1-Methylnaphthalene	< 0.3 ug/m3	N/A	N/A
2-Methylnaphthalene	< 0.3 ug/m3	N/A	N/A
Acenaphthene	< 0.3 ug/m3	100 ug/m3	10 ug/m3
Acenaphthylene	< 0.3 ug/m3	100 ug/m3	10 ug/m3
Anthracene	< 0.4 ug/m3	1 ug/m3	0.067 ug/m3
Benzo(a)anthracene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Benzo(a)pyrene	< 0.5 ug/m3	N/A	0.017 ug/m3
Benzo(b)fluoranthene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Benzo(g,h,i)perylene	< 0.5 ug/m3	0.5 ug/m3	0.05 ug/m3
Benzo(k)fluoranthene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Chrysene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Dibenzo(a,h)anthracene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Fluoranthene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3
Fluorene	< 0.3 ug/m3	10 ug/m3	1 ug/m3
Indeno(1,2,3-cd)pyrene	< 0.5 ug/m3	0.5 ug/m3	0.05 ug/m3
Naphthalene	< 0.3 ug/m3	500 ug/m3	50 ug/m3
Phenanthrene	< 0.3 ug/m3	8 ug/m3	0.8 ug/m3
Pyrene	< 0.4 ug/m3	0.5 ug/m3	0.05 ug/m3

**Results of Integrated Air Samples for Polynuclear Aromatic Hydrocarbons (PAH)**

Sample Number	Date	Start	End	Station ID	Location
AA-1744-P064-20220301	3/1/22	08:11	16:11	AMS-08	(29.78743, -95.32118) - HWPW - Solo North
Agent	Airborne Concentration			Short-Term AMCV	Long-Term AMCV
1-Methylnaphthalene	< 0.3 ug/m3			N/A	N/A
2-Methylnaphthalene	< 0.3 ug/m3			N/A	N/A
Acenaphthene	< 0.3 ug/m3			100 ug/m3	10 ug/m3
Acenaphthylene	< 0.3 ug/m3			100 ug/m3	10 ug/m3
Anthracene	< 0.4 ug/m3			1 ug/m3	0.067 ug/m3
Benzo(a)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(a)pyrene	< 0.5 ug/m3			N/A	0.017 ug/m3
Benzo(b)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(g,h,i)perylene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(k)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Chrysene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Dibenzo(a,h)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluorene	< 0.3 ug/m3			10 ug/m3	1 ug/m3
Indeno(1,2,3-cd)pyrene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Naphthalene	< 0.3 ug/m3			500 ug/m3	50 ug/m3
Phenanthrene	< 0.4 ug/m3			8 ug/m3	0.8 ug/m3
Pyrene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3

Sample Number	Date	Start	End	Station ID	Location
AA-1744-P066-20220302	3/2/22	07:30	15:30	AMS-03	(29.78206, -95.31916) - IMY SE - Clementine

Agent	Airborne Concentration			Short-Term AMCV	Long-Term AMCV
1-Methylnaphthalene	< 0.3 ug/m3			N/A	N/A
2-Methylnaphthalene	< 0.3 ug/m3			N/A	N/A
Acenaphthene	= 0.7 ug/m3			100 ug/m3	10 ug/m3
Acenaphthylene	< 0.3 ug/m3			100 ug/m3	10 ug/m3
Anthracene	< 0.4 ug/m3			1 ug/m3	0.067 ug/m3
Benzo(a)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(a)pyrene	< 0.5 ug/m3			N/A	0.017 ug/m3
Benzo(b)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(g,h,i)perylene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(k)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Chrysene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Dibenzo(a,h)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluorene	= 0.4 ug/m3			10 ug/m3	1 ug/m3
Indeno(1,2,3-cd)pyrene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Naphthalene	= 1.6 ug/m3			500 ug/m3	50 ug/m3
Phenanthrene	< 0.4 ug/m3			8 ug/m3	0.8 ug/m3
Pyrene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3

**Note:** Some PAHs indicative of diesel exhaust were detected on this sample, albeit at levels below the applicable long-term AMCVs. The station was located on the south of the intermodal yard, near the intersection of Lee and Clementine, and was upwind of excavation activities occurring along the service road of the former Houston Wood Preserving Works site. Source appears to be either offsite, or possibly a nearby diesel-powered vehicle parked in the immediate vicinity of the air monitoring station (no such vehicles were specifically observed on this day).

**Results of Integrated Air Samples for Polynuclear Aromatic Hydrocarbons (PAH)**

Sample Number	Date	Start	End	Station ID	Location
AA-1744-P067-20220302	3/2/22	07:53	15:45	AMS-06	(29.78751, -95.31734) - HWPW - Erastus
Agent	Airborne Concentration			Short-Term AMCV	Long-Term AMCV
1-Methylnaphthalene	< 0.3 ug/m3			N/A	N/A
2-Methylnaphthalene	< 0.4 ug/m3			N/A	N/A
Acenaphthene	< 0.4 ug/m3			100 ug/m3	10 ug/m3
Acenaphthylene	< 0.3 ug/m3			100 ug/m3	10 ug/m3
Anthracene	< 0.4 ug/m3			1 ug/m3	0.067 ug/m3
Benzo(a)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(a)pyrene	< 0.5 ug/m3			N/A	0.017 ug/m3
Benzo(b)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(g,h,i)perylene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(k)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Chrysene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Dibenzo(a,h)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluorene	< 0.4 ug/m3			10 ug/m3	1 ug/m3
Indeno(1,2,3-cd)pyrene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Naphthalene	< 0.3 ug/m3			500 ug/m3	50 ug/m3
Phenanthrene	< 0.4 ug/m3			8 ug/m3	0.8 ug/m3
Pyrene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3

Sample Number	Date	Start	End	Station ID	Location
AA-1744-P068-20220302	3/2/22	08:12	16:12	AMS-08	(29.7874, -95.32115) - HWPW - Solo North

Agent	Airborne Concentration			Short-Term AMCV	Long-Term AMCV
1-Methylnaphthalene	< 0.3 ug/m3			N/A	N/A
2-Methylnaphthalene	< 0.3 ug/m3			N/A	N/A
Acenaphthene	< 0.3 ug/m3			100 ug/m3	10 ug/m3
Acenaphthylene	< 0.3 ug/m3			100 ug/m3	10 ug/m3
Anthracene	< 0.4 ug/m3			1 ug/m3	0.067 ug/m3
Benzo(a)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(a)pyrene	< 0.5 ug/m3			N/A	0.017 ug/m3
Benzo(b)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(g,h,i)perylene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Benzo(k)fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Chrysene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Dibenzo(a,h)anthracene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluoranthene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3
Fluorene	< 0.3 ug/m3			10 ug/m3	1 ug/m3
Indeno(1,2,3-cd)pyrene	< 0.5 ug/m3			0.5 ug/m3	0.05 ug/m3
Naphthalene	< 0.3 ug/m3			500 ug/m3	50 ug/m3
Phenanthrene	< 0.4 ug/m3			8 ug/m3	0.8 ug/m3
Pyrene	< 0.4 ug/m3			0.5 ug/m3	0.05 ug/m3

**EXHIBIT A**

# Waste Stream Tracking

**Exhibit A - Waste Stream Tracking**  
 Generator, ID Number: Union Pacific Railroad, TXD000820266  
 Site Address: 4910 Liberty Road, Houston, TX 77026

Classification	Generation Start Date	Shipping Date	Delivery Date	BOX #	TSDF	Profile #	Manifest #	Waste Description	Weight (pounds)	Transporter	Transporter EPA ID#	UPRR Waste Request Number
Hazardous	11/16/2021	12/1/2021	12/1/2021	RT6206	US Ecology TX	090124735-0	022648994JJK	Soil containing RCRA Hazardous Waste (F034, K001)	28,460	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	11/19/2021	12/2/2021	12/2/2021	ART2596	US Ecology TX	090124735-0	022649000JJK	Soil containing RCRA Hazardous Waste (F034, K001)	34,040	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	11/30/2021	1/6/2022	1/28/2022	SLD-25-3307	US Ecology TX	090124735-1	022648999JJK	Soil/water containing RCRA Hazardous Waste (F034, K001)	27,360	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	11/23/2021	2/21/2022	2/21/2022	VAC-25-9114	US Ecology TX	090128978-0	022648996JJK	Water containing RCRA Hazardous waste (F034)	18,160	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	2/18/2022	2/28/2022	2/28/2022	RBR-250198	US Ecology TX	090124735-0	022648997JJK	Soil containing RCRA Hazardous Waste (F034, K001)	33,940	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	2/24/2022	3/7/2022	TBD	RT1910	US Ecology TX	090124735-0	023654501JJK	Soil containing RCRA Hazardous Waste (F034, K001)	TBD	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	3/2/2022	3/7/2022	TBD	RBR250612	US Ecology TX	090124735-0	023654503JJK	Soil containing RCRA Hazardous Waste (F034, K001)	TBD	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	3/2/2022	3/8/2022	TBD	1251	US Ecology TX	090124735-0	023654504JJK	Soil containing RCRA Hazardous Waste (F034, K001)	TBD	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	3/3/2022	3/9/2022	TBD	RR250105	US Ecology TX	090124735-0	023654505JJK	Soil containing RCRA Hazardous Waste (F034, K001)	TBD	EQ Industrial Services	MIK435642742	WR#004817
Hazardous	3/3/2022	3/9/2022	TBD	RB22066	US Ecology TX	090124735-0	023654506JJK	Soil containing RCRA Hazardous Waste (F034, K001)	TBD	EQ Industrial Services	MIK435642742	WR#004817
Special Waste	12/16/2021	1/31/2022	1/31/2022	RT1967	Blue Ridge LF	5112220076	1559732	Old weathered power poles	15,960	EQ Industrial Services	MIK435642742	WR#006650
Special Waste	12/16/2021	1/31/2022	1/31/2022	3709	Blue Ridge LF	5112220076	1559733	Old weathered power poles	21,080	EQ Industrial Services	MIK435642742	WR#006650
Special Waste	12/16/2021	1/31/2022	1/31/2022	5296	Blue Ridge LF	5112220076	1559735	Old weathered power poles	3,260	EQ Industrial Services	MIK435642742	WR#006650

Notes: EPA - Environmental Protection Agency  
 LF - Landfill  
 RCRA - Resource Conservation and Recovery Act  
 TBD - To be determined  
 TSDF - Treatment, Storage, and Disposal Facility

**Attachment 1**

# Approved Waste Profiles

US Ecology Texas, Inc.  
P.O. Box 307  
3277 County Road 69  
Robstown, TX 78380

Phone: (800) 242 3209  
(361) 387-3518  
Fax: (361) 387 0794  
(361) 387-0577

# US Ecology Texas, Inc.

a US Ecology Inc. company

August 18, 2021

W.T. BYLER CO., INC.  
15203 LILLJA ROAD  
HOUSTON, TX 77060

RE: Generator : **UNION PACIFIC RAIL ROAD**  
Site Address : **4910 LIBERTY RD., HOUSTON, TX 77026**  
US Ecology WS # : **090124735-0**  
Waste Stream Name : **SOIL CONTAINING RCRA HAZARDOUS WASTE (F034) - WR#004817**  
Expiration Date : **06/21/2022**  
Process : **Direct Landfill**

Dear Becky Meredith,

Your Waste Stream Disposal Information form for the above waste stream has been approved.

Under conditions of our operating permit, US Ecology Texas, Inc. is required to inform you that we have all the appropriate permits in order to manage your waste stream. We have received the requisite permits to operate a TSD facility. Our TCEQ permit was renewed on March 25, 2013 and our permit number is HW-50052.

The EPA Uniform Hazardous Waste Manifest (EPA Form 8700-22), appropriate LDR form/certification and Truck Inventory Sheet (if shipping in drums) must accompany each shipment. To obtain manifest, Please visit the EPA website for an approved vendor list

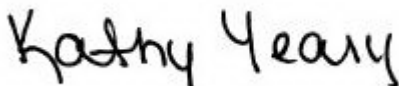
Please notify the Texas facility at (800) 242-3209 at least 48 hours prior to shipment and provide the facility with the following information:

- Date of Shipment
- Date of Delivery
- U.S. EPA Generator ID Number
- Waste Stream Number(s)
- Total quantity of each waste stream number being shipped

Any shipment arriving at the facility without prior scheduling and/or all the appropriate paperwork will be subject to rejection.

Should you have any questions, please contact your US Ecology Texas, Inc. Technical Sales Representative at (800) 242-3209. Please refer to the US Ecology Texas, Inc. waste stream number above when making inquiries.

Sincerely,



KATHY YEARY

CUSTOMER SERVICE SPECIALIST I

US Ecology Texas, Inc.  
P.O. Box 307  
3277 County Road 69  
Robstown, TX 78380

Phone: (800) 242 3209  
(361) 387-3518  
Fax: (361) 387 0794  
(361) 387-0577

# US Ecology Texas, Inc.

a US Ecology Inc. company

July 15, 2021

W.T. BYLER CO., INC.  
15203 LILLJA ROAD  
HOUSTON, TX 77060

RE: Generator : **UNION PACIFIC RAIL ROAD**  
Site Address : **4910 LIBERTY RD., HOUSTON, TX 77026**  
US Ecology WS # : **090124734-0**  
Waste Stream Name : **HAZARDOUS ASPHALT AND AGGREGATE- WR#004817**  
Expiration Date : **06/21/2022**  
Process : **Thermal/Non-Exempt**

Dear Becky Meredith,

Your Waste Stream Disposal Information form for the above waste stream has been approved.

Under conditions of our operating permit, US Ecology Texas, Inc. is required to inform you that we have all the appropriate permits in order to manage your waste stream. We have received the requisite permits to operate a TSD facility. Our TCEQ permit was renewed on March 25, 2013 and our permit number is HW-50052.

The EPA Uniform Hazardous Waste Manifest (EPA Form 8700-22), appropriate LDR form/certification and Truck Inventory Sheet (if shipping in drums) must accompany each shipment. To obtain manifest, Please visit the EPA website for an approved vendor list

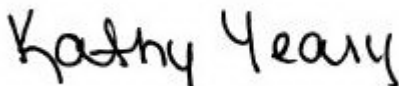
Please notify the Texas facility at (800) 242-3209 at least 48 hours prior to shipment and provide the facility with the following information:

- Date of Shipment
- Date of Delivery
- U.S. EPA Generator ID Number
- Waste Stream Number(s)
- Total quantity of each waste stream number being shipped

Any shipment arriving at the facility without prior scheduling and/or all the appropriate paperwork will be subject to rejection.

Should you have any questions, please contact your US Ecology Texas, Inc. Technical Sales Representative at (800) 242-3209. Please refer to the US Ecology Texas, Inc. waste stream number above when making inquiries.

Sincerely,



KATHY YEARY

CUSTOMER SERVICE SPECIALIST I





**Republic Services**

5757A Oates Road  
Houston, Texas 77078  
(713) 676-7634  
(480) 718-4290 Fax

# E-MAIL – Approval Letter

**To:** Amanda Kelly **Via E-MAIL**

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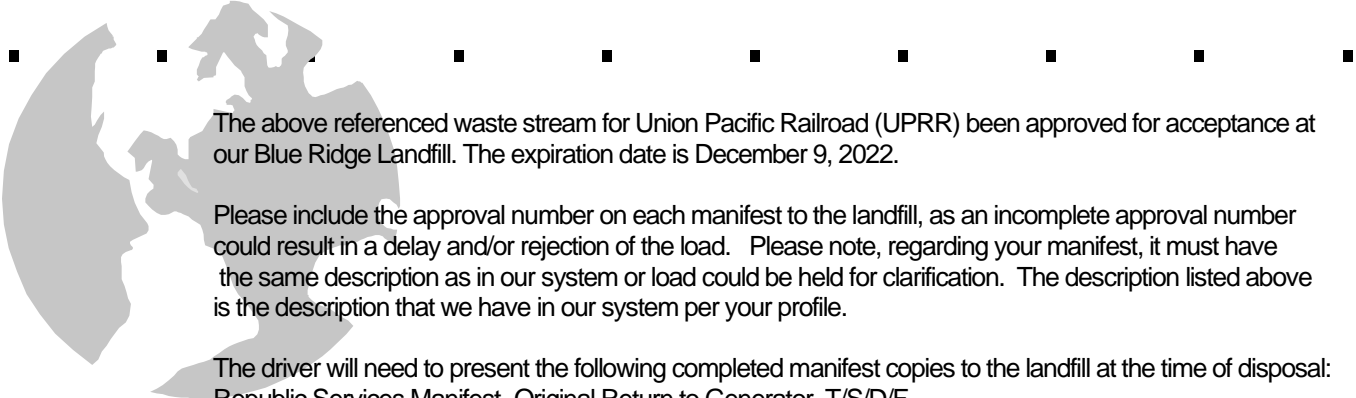
**From:** Samantha Barrera **Date:** 1/13/2022

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**Re:** Old Weathered Utility Power Poles **Pages:** 2

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Republic Approval Number: **5112220076**



The above referenced waste stream for Union Pacific Railroad (UPRR) been approved for acceptance at our Blue Ridge Landfill. The expiration date is December 9, 2022.

Please include the approval number on each manifest to the landfill, as an incomplete approval number could result in a delay and/or rejection of the load. Please note, regarding your manifest, it must have the same description as in our system or load could be held for clarification. The description listed above is the description that we have in our system per your profile.

The driver will need to present the following completed manifest copies to the landfill at the time of disposal:  
Republic Services Manifest- Original Return to Generator, T/S/D/F.  
EPA Manifest- Designated Facility to EPA's e-Manifest System, Designated Facility to Generator, Designated Facility.

Asbestos, drummed shipments, and any waste containing free liquids - all must be scheduled with the landfill 24 hours in advance of shipment. An unscheduled load requiring solidification could be rejected if schedule is full.

All bulk containerized shipments (drums, supersacks, totes) will require proper labeling (generator name, waste description and approval number) and be accessible for QA/QC or the load will be rejected. If an offload is needed please call the landfill to verify offload capability.

All drivers must wear proper PPE including a hard hat and a safety vest. In addition, drivers taking material to the asbestos area must wear a fully fitted respirator.

Thank you for allowing Republic Services to handle your waste disposal needs. If you have any questions or concerns, please feel free to give me a call.





# Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

## SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #  
5112220076

Expiration Date  
12/9/2022

### I. Decision Request:

Initial     Recertification     Change

Disposal Facility: 5112 - Blue Ridge Landfill

Generator Name: UNION PACIFIC RAILROAD(UPRR)

Generator Site Address: 4910 LIBERTY ROAD

City: HOUSTON

County:

State: TX

Zip:

Name of Waste: OLD WEATHERED POWER POLES

Estimated Annual Volume: 200 Cubic Yards

### II. Special Waste Department Decision:

Approved     Rejected


Management Method(s):     Landfill     Solidification     Bioremediation     Deep Well     Transfer Facility

Problematic Special Waste according to Republic?     Yes     No

If yes, which one?

Approved by Special Waste Review Committee?     Yes     No     Not Applicable

### Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: 

Date: 1/4/2022

Name (Printed): KEITH DIAMANTI

### III. Facility Decision:

Approved     Rejected

### Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: \_\_\_\_\_

Date: 1/4/2022

Name (Printed): \_\_\_\_\_



**Republic Services**

5757A Oates Road  
Houston, Texas 77078  
(713) 676-7630  
(480) 718-4290 Fax

# E-MAIL – Approval Letter

**To:** Jim Barnnen **Via E-MAIL**

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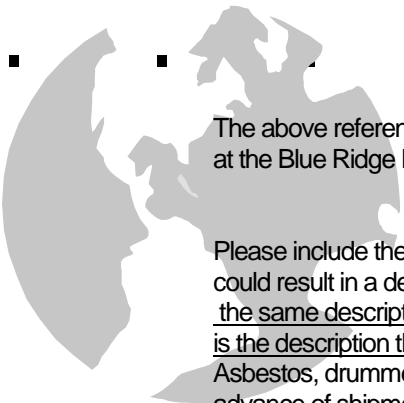
**From:** Renee Lemond **Date:** 6/28/2021

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**Re:** Soil Impacted W RCRA Metals and TPH **Pages:** 2

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Republic Approval Number: **51122129081**



The above referenced waste stream for UNION PACIFIC RAILROAD has been approved for acceptance at the Blue Ridge Landfill. The expiration date is 6/23/2022.

Please include the approval number on each manifest to the landfill, as an incomplete approval number could result in a delay and/or rejection of the load. Please note, regarding your manifest, it must have the same description as in our system or load could be held for clarification. The description listed above is the description that we have in our system per your profile. Each load requires an original manifest. Asbestos, drummed shipments, and any waste containing free liquids - all must be scheduled with the landfill 24 hours in advance of shipment. An unscheduled load requiring solidification could be rejected if schedule is full. **Also drum shipments must be on pallets and properly labeled (generator name, waste description and approval number) or the load will be rejected.** Comingled loads must be shipped in a manner so that each waste stream is accessible for QAQC at the gate house. All drivers must wear proper PPE including a hard hat and a safety vest. In addition, drivers taking material to the asbestos area must wear a fully fitted respirator.

The Gulf West hours of operations are Monday - Friday 8:00 am to 5:00 pm (closed weekends). The solidification pit closes at 3:00 pm on Fridays at Gulf West.

The Blue Ridge hours of operations are Monday - Friday 7:00 am to 3:00 pm, Saturday 8:00 am to noon. The class 1 cell for Solid and Solidification pit waste is open Monday through Friday 7:00 am to 3:00 PM. You must schedule all class 1 loads with Blue Ridge landfill prior to disposal.

Thank you for allowing Republic Services to handle your waste disposal needs. If you have any questions or concerns, please feel free to give me a call.

Renee Boudoin



US Ecology Texas, Inc.  
P.O. Box 307  
3277 County Road 69  
Robstown, TX 78380

Phone: (800) 242 3209  
(361) 387-3518  
Fax: (361) 387 0794  
(361) 387-0577

# US Ecology Texas, Inc.

a US Ecology Inc. company

February 18, 2022

W.T. BYLER CO., INC.  
15203 LILLJA ROAD  
HOUSTON, TX 77060

RE: Generator : **UNION PACIFIC RAIL ROAD**  
Site Address : **4910 LIBERTY RD, HOSUTON, TX 77026**  
US Ecology WS # : **090128978-0**  
Waste Stream Name : **WATER CONTAINING RCRA HAZARDOUS WASTE (F034) - WR#004817**  
Expiration Date : **02/11/2023**  
Process : **Solidification/Compressive Strength**

Dear Becky Meredith,

Your Waste Stream Disposal Information form for the above waste stream has been approved.

Under conditions of our operating permit, US Ecology Texas, Inc. is required to inform you that we have all the appropriate permits in order to manage your waste stream. We have received the requisite permits to operate a TSD facility. Our TCEQ permit was renewed on March 25, 2013 and our permit number is HW-50052.

The EPA Uniform Hazardous Waste Manifest (EPA Form 8700-22), appropriate LDR form/certification and Truck Inventory Sheet (if shipping in drums) must accompany each shipment. To obtain manifest, Please visit the EPA website for an approved vendor list

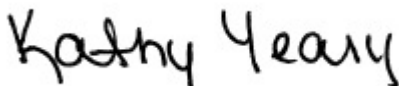
Please notify the Texas facility at (800) 242-3209 at least 48 hours prior to shipment and provide the facility with the following information:

- Date of Shipment
- Date of Delivery
- U.S. EPA Generator ID Number
- Waste Stream Number(s)
- Total quantity of each waste stream number being shipped

Any shipment arriving at the facility without prior scheduling and/or all the appropriate paperwork will be subject to rejection.

Should you have any questions, please contact your US Ecology Texas, Inc. Technical Sales Representative at (800) 242-3209. Please refer to the US Ecology Texas, Inc. waste stream number above when making inquiries.

Sincerely,



KATHY YEARY

CUSTOMER SERVICE SPECIALIST I

**ATTACHMENT 2**

## Waste Manifests and Weight Tickets

Box RT 6206

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number TXD000820266	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number 022648994 JJK				
5. Generator's Name and Mailing Address UNION PACIFIC RAIL ROAD P.O. BOX 87687 HOUSTON TX 77287 Generator's Phone: (713) 227-2982		Generator's Site Address (if different than mailing address) UNION PACIFIC RAIL ROAD 4910 LIBERTY RD. HOUSTON TX 77025							
6. Transporter 1 Company Name U.S. Ecology / EQ INDUSTRIES		7. Transporter 2 Company Name			U.S. EPA ID Number TXD069452340				
8. Designated Facility Name and Site Address US ECOLOGY TEXAS, INC. 3277 COUNTY ROAD 69 ROBSTOWN TX 78380 Facility's Phone: (800) 242-3209					U.S. EPA ID Number TXD069452340				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, NOS, (GRESOTE), 9, PG III		1	CM	3000	P	8915301H K001	F034
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information 090124735-0 SOIL CONTAINING RCRA HAZARDOUS WASTE (F034, K001) - WR#004817 WC#59022									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offerior's Printed/Typed Name Walter A. Parker				Signature 				Month Day Year 12/1/21	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Edward S. Adams				Signature 				Month Day Year 12/01/21	
Transporter 2 Printed/Typed Name				Signature				Month Day Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Box # 3 414-267-4164 per Jacqueline Ensel 12-1-21 Manifest Reference Number: U.S. EPA ID Number:									
18b. Alternate Facility (or Generator) Facility's Phone: Month Day Year									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. H132 2. 3. 4.									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name Aaron Perez				Signature 				Month Day Year 12/1/21	

**Scale Ticket**

Phone: 800 242 3209

**US ECOLOGY TEXAS, INC.**  
ROBSTOWN, TX

**Scale Ticket #: 351070**

**Work Order #: 21120117667**

**Checkin Date: 12/01/2021 Time: 12:28**

**Checkout Date: 12/01/2021 Time: 14:32**

022648994JJK

**Transporter:**

EQ INDUSTRIAL SERVICES  
2701 N I 94 SERVICE DRIVE  
YPSILANTI, MO

**EPA ID: MIO000263871**

**Truck #: 735**

**Tractor #: RT6206**

**Trailer #:**

**Driver: EDUARDO SALINAS**

**Customer**

W.T. BYLER CO., INC.  
15203 LILLJA ROAD  
HOUSTON, TX

<b>GROSS WEIGHT :</b>	<b>67,900.00</b>	<b>LBs</b>
<b>TARE WEIGHT :</b>	<b>39,440.00</b>	<b>LBs</b>
<b>NET WEIGHT :</b>	<b>28,460.00</b>	<b>LBs</b>



Please print or type.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number TXD000820266	2. Page 1 of 1	3. Emergency Response Phone 444-264-4164	4. Manifest Tracking Number <b>022649000 JJK</b>			
5. Generator's Name and Mailing Address UNION PACIFIC RAILROAD P.O. BOX 87587 HOUSTON TX 77287 (713) 227-2982			Generator's Site Address (if different than mailing address) UNION PACIFIC RAILROAD 4910 LIBERTY RD. HOUSTON TX 77025					
6. Transporter 1 Company Name <b>EQ INDUSTRIES</b>			U.S. EPA ID Number					
7. Transporter 2 Company Name			U.S. EPA ID Number <b>MIK425642742</b>					
8. Designated Facility Name and Site Address US ECOLOGY TEXAS, INC. 3277 COUNTY ROAD 69 ROBSTOWN TX 78380 Facility's Phone: (600) 242-3209			U.S. EPA ID Number TXD068452340					
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. RC, NA3077, HAZARDOUS WASTE, SOLID, NOS, (GRESOTE), 9, PG III.	1	CM	3000	P	0915301H K001	F034
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 090124735-0 SOIL CONTAINING RCRA HAZARDOUS WASTE (F034, K001) - WR#004817 WO#69022								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name <b>Tyler A. Parker</b>					Signature		Month Day Year 12 2 21	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Edwards Salinas</b>					Signature		Month Day Year 12 2 21	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Received 17.02 yards per Luis Ramirez 12-22-21					Manifest Reference Number: _____ U.S. EPA ID Number			
18b. Alternate Facility (or Generator)								
Facility's Phone:							Month Day Year	
18c. Signature of Alternate Facility (or Generator)							Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H132		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a								
Printed/Typed Name <b>Diamante Balboa</b>					Signature		Month Day Year 12 2 21	

**Scale Ticket**

Phone: 800 242 3209

**US ECOLOGY TEXAS, INC.**  
ROBSTOWN, TX

**Scale Ticket #: 350656**

**Work Order #: 21120217750**

**Checkin Date: 12/02/2021 Time: 12:15**

**Checkout Date: 12/02/2021 Time: 13:45**

022649000JJK

**Transporter:**

EQ INDUSTRIAL SERVICES  
17440 COLLEGE PRKWY STE 300  
LIVONIA, MI

**EPA ID: MIK435642742**

**Truck #: 735**

**Tractor #: ART259**

**Trailer #:**

**Driver: EDUARDO SALINAS**

**Customer**

W.T. BYLER CO., INC.  
15203 LILLJA ROAD  
HOUSTON, TX

<b>GROSS WEIGHT :</b>	<b>73,120.00</b>	<b>LBs</b>
<b>TARE WEIGHT :</b>	<b>39,080.00</b>	<b>LBs</b>
<b>NET WEIGHT :</b>	<b>34,040.00</b>	<b>LBs</b>

Truck  
7117

Box # 5LD-25-3307

Please print or type.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number TXD000820268	2. Page 1 of 1	3. Emergency Response Phone 414-264-4164	4. Manifest Tracking Number 022648999 JJK		
5. Generator's Name and Mailing Address UNION PACIFIC RAIL ROAD P.O. BOX 87687 HOUSTON TX 77287 Generator's Phone: (713) 227-2982				Generator's Site Address (if different than mailing address) UNION PACIFIC RAIL ROAD 4910 LIBERTY RD. HOUSTON TX 77026			
6. Transporter 1 Company Name EQ Industrial Services				U.S. EPA ID Number MIK485642742			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address US ECOLOGY TEXAS, INC. 3277 COUNTY ROAD 69 ROBSTOWN TX 78380 Facility's Phone: (800) 242-3209				U.S. EPA ID Number TXD069452340			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, NOS, (CRESOTE), 9, PG III 3082 liquid MB	1	CM	20	Yds	09153011 K001	F034 0909 1014
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 0901247354 SOIL CONTAINING RCRA HAZARDOUS WASTE (F034, K001) - WR#004617 WO#69022 MB							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Tyler A. Parker				Signature 		Month Day Year 1 6 22	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Rodney Hill				Signature 		Month Day Year 1 6 22	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)						U.S. EPA ID Number	
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Aaron Perez				Signature 		Month Day Year 1 28 22	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY



**US ECOLOGY TEXAS**

P.O. BOX 307

3.5 MILES SOUTH PETRONILA RD.

ROBSTOWN, TEXAS 78380

(361) 387-3518

Page \_\_\_\_\_ of \_\_\_\_\_

**345066**

Customer's Name: Union Pacific

VEH. # 7117

INBOUND 70000 lb

Transporter: EQ.

Date & Time

LOOP ID 955  
11:11AM 1-28-22

WO # 1459

Driver [Signature]

Manifest # 48999

Manifest # \_\_\_\_\_

Weigher \_\_\_\_\_

Weigher \_\_\_\_\_

WS # 124735-1

WS # \_\_\_\_\_

WS # SLD 253807

END DUMP

STAB

VAN

MICRO

ROLL OFF

THERMAL

FLATBED

SOLIDIFICATION

TANKER

DIRECT LANDFILL

VAC BOX

NEUTRALIZATION

Sample.  
Unscheduled  
Verify

2:00PM 1-28-22  
70000 lb GROSS  
42640 lb TARE  
27360 lb NET  
LOOP ID 955

Truck 7117



Box RT1967

NON-HAZARDOUS WASTE MANIFEST

1559732

Please print or type.

1. <input type="checkbox"/> Generator's US EPA ID Number		<input type="checkbox"/> Generator's State ID Number		Manifest Document Number		2. Page 1 of	
3. Generator's Name and Mailing Address UNION PACIFIC RAILROAD 6520 CORPORATE DRIVE INDIANAPOLIS, IN 46278 414-297-4104				5. Generating Location (if different) UNION PACIFIC RAILROAD 4910 LIBERTY ROAD HOUSTON, TX 77026			
4. Phone ( )				6. Phone ( )			
7. Transporter #1 Company Name EQ Industrial Services		8. US EPA ID Number MIK435642742		9. Transporter #1's Phone 832-774-1091			
10. Transporter #2 Company Name		11. US EPA ID Number		12. Transporter #2's Phone			
13. Designated T/S/D Facility Name and Site Address BLUE RIDGE LANDFILL TX LP #1505B 2200 FM 521 FRESNO, TEXAS 77545		14. US EPA ID Number TXR000084592		15. Facility's Phone 281-835-8142			
16. Waste Shipping Name and Description		17. Republic Services Approval # and Exp. Date		18. Containers		19. Total Quantity	20. Unit Wt/Vol
a. OLD WEATHERED POWER POLES		5112220078 12/9/2022		No. Type 1 CM		40	Y
b. TCEQ# N/A							
c.							
21. Additional Descriptions for Materials Listed Above							
22. Special Handling Instructions and Additional Information							
23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.							
Printed/Typed Name John Green		Signature John Green		Month Day Year 1 31 22			
24. Transporter #1: Acknowledgement of Receipt of Materials							
Printed/Typed Name Rodney Hall		Signature Rodney Hall		Month Day Year 1 31 22			
25. Transporter #2: Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Month Day Year			
26. Discrepancy Indication Space							
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)							
Printed/Typed Name Steve Mcdon		Signature Steve Mcdon		Month Day Year 1 31 22		Republic Services 2350 WIA 601 (PO Box 870) Fresno, TX 77545 JAN 31 2022 Permit# 1505A SWR# 80258	

GENERATOR

TRANSPORTER

T/S/D FACILITY

SITE

BLUE RIDGE LANDFILL 281-835-6142  
2200 FM 521 Fresno, TX 77545

CUSTOMER

333714  
WT BYLER  
15203 LILLIJA ROAD  
HOUSTON, TX 77060

Contract:5112220076

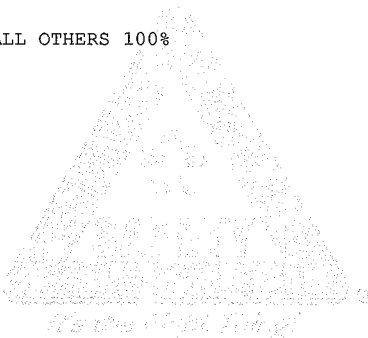
Generator:UNION PACIFIC RAILROAD (UPRR)

SITE	TICKET #	CELL
Y9	1333169	
WEIGHMASTER		
DATE/TIME IN	IN Steven M.	OUT Hailey W.
VEHICLE	1/31/22 10:31 am	CONTAINER 1/31/22 11:22 am
REFERENCE	USE7117	
BILL OF LADING	1559732	

SCALE IN GROSS WEIGHT	58,640	NET TONS	7.98
SCALE OUT TARE WEIGHT	42,680	NET WEIGHT	15,960

INBOUND  
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
7.98	tn	SW-TIMBER/TREATED/OLD Origin:ALL OTHERS 100%				

Signature 

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE \_\_\_\_\_

Box # 3709



NON-HAZARDOUS WASTE MANIFEST

1559733

Please print or type.

1. <input type="checkbox"/> Generator's US EPA ID Number		Generator's State ID Number		Manifest Document Number		2. Page 1 of		
3. Generator Name UNION PACIFIC RAILROAD 6520 CORPORATE DRIVE INDIANAPOLIS, IN 46278 414-267-4164				5. Generating Location UNION PACIFIC RAILROAD 4910 LIBERTY ROAD HOUSTON, TX 77028				
4. Phone ( )				6. Phone ( )				
7. Transporter #1 Company Name EQ Industrial Services			8. US EPA ID Number MTK435642742		9. Transporter #1's Phone 832-774-1091			
10. Transporter #2 Company Name			11. US EPA ID Number		12. Transporter #2's Phone			
13. Designated T/S/D Facility Name and Site Address BLUE RIDGE LANDFILL TX LP #1605B 2200 FM 521 FRESNO, TEXAS 77545			14. US EPA ID Number TXR000084592		15. Facility's Phone 281-835-6142			
16. Waste Shipping Name and Description a. OLD WEATHERED POWER POLES b. TCEQ# N/A c.			17. Republic Services Approval # and Exp. Date 6112220078 12/9/2022		18. Containers		19. Total Quantity	20. Unit Wt/Vol
					No.	Type		
					1	CM	40	Y
21. Additional Descriptions for Materials Listed Above								
22. Special Handling Instructions and Additional Information								
23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.								
Printed/Typed Name John Greer			Signature John Greer			Month Day Year 1 31 2022		
24. Transporter #1: Acknowledgement of Receipt of Materials								
Printed/Typed Name Wilbert Angelle			Signature Wilbert Angelle			Month Day Year 1 31 2022		
25. Transporter #2: Acknowledgement of Receipt of Materials								
Printed/Typed Name			Signature			Month Day Year 1 31 2022		
26. Discrepancy Indication Space								
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)								
Printed/Typed Name SM			Signature SM			Month Day Year 1 31 2022		

**SITE**  
 BLUE RIDGE LANDFILL 281-835-6142  
 2200 FM 521 Fresno, TX 77545

**CUSTOMER**  
 333714  
 WT BYLER  
 15203 LILLIJA ROAD  
 HOUSTON, TX 77060

Contract:5112220076  
 Generator:UNION PACIFIC RAILROAD(UPRR)

<b>SITE</b> Y9	<b>TICKET #</b> 1333173	<b>CELL</b>
<b>WEIGHMASTER</b>		
IN Steven M.		OUT Hailey W.
<b>DATE/TIME IN</b> 1/31/22 10:41 am	<b>DATE/TIME OUT</b> 1/31/22 11:32 am	
<b>VEHICLE</b> USE734	<b>CONTAINER</b> 40N	
<b>REFERENCE</b>		
<b>BILL OF LADING</b> 1559733		

SCALE IN GROSS WEIGHT	65,400	NET TONS	10.54	INBOUND
SCALE OUT TARE WEIGHT	44,320	NET WEIGHT	21,080	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
10.54	tn	SW-TIMBER/TREATED/OLD Origin:ALL OTHERS 100%				

Signature \_\_\_\_\_

<b>NET AMOUNT</b>
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

SIGNATURE \_\_\_\_\_





5296

NON-HAZARDOUS WASTE MANIFEST

1559735

Please print or type.

1. <input type="checkbox"/> Generator's US EPA ID Number		<input type="checkbox"/> Generator's State ID Number		Manifest Document Number		2. Page 1 of		
3. Generator Name UNION PACIFIC RAILROAD 6520 CORPORATE DRIVE INDIANAPOLIS, IN 46278 414-287-4184				5. Generating Location UNION PACIFIC RAILROAD 4910 LIBERTY ROAD HOUSTON, TX 77028				
4. Phone ( )				6. Phone ( )				
7. Transporter #1 Company Name EQ Industrial Services			8. US EPA ID Number MIK 4356 42742		9. Transporter #1's Phone 832-774-1091			
10. Transporter #2 Company Name			11. US EPA ID Number		12. Transporter #2's Phone			
13. Designated T/S/D Facility Name and Site Address BLUE RIDGE LANDFILL TX LP #1606B 2200 FM 521 FRESNO, TEXAS 77545			14. US EPA ID Number TXR000084592		15. Facility's Phone 281-835-8142			
16. Waste Shipping Name and Description			17. Republic Services Approval # and Exp. Date		18. Containers	19. Total Quantity	20. Unit Wt/Vol	
a. OLD WEATHERED POWER POLES			5112220076 12/9/2022		No. Type	Quantity	Y	
b. TCEQ# N/A					1	CM	40	
c.								
21. Additional Descriptions for Materials Listed Above								
22. Special Handling Instructions and Additional Information								
23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.								
Printed/Typed Name John Green				Signature John Green		Month 1	Day 31	Year 22
24. Transporter #1: Acknowledgement of Receipt of Materials								
Printed/Typed Name Robert Melk				Signature [Signature]		Month 1	Day 31	Year 22
25. Transporter #2: Acknowledgement of Receipt of Materials								
Printed/Typed Name				Signature		Month	Day	Year
26. Discrepancy Indication Space								
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)								
Printed/Typed Name				Signature		Month 1	Day 31	Year 22

GENERATOR

TRANSPORTER

T/S/D FACILITY

REPUBLIC SERVICES  
2200 FM 521 (PO BOX 970)  
FRESNO, TX 77545

JAN 31 2022

Blue Ridge Landfill  
TXR000084592

**SITE** BLUE RIDGE LANDFILL 281-835-6142  
 2200 FM 521 -Fresno, TX 77545

**CUSTOMER** 333714  
 WT BYLER  
 15203 LILLIJA ROAD  
 HOUSTON, TX 77060  
  
 Contract:5112220076  
 Generator:UNION PACIFIC RAILROAD(UPRR)

<b>SITE</b> 9	<b>TICKET #</b> 1333224	<b>CELL</b>
<b>WEIGHMASTER</b> IN - Steven M. OUT - Daniel G.		
<b>DATE/TIME IN</b> 1/31/22 2:02 pm	<b>DATE/TIME OUT</b> 1/31/22 2:40 pm	
<b>VEHICLE</b> USE734	<b>CONTAINER</b> 40N	
<b>REFERENCE</b>		
<b>BILL OF LADING</b> 1559735		

SCALE IN GROSS WEIGHT	47,160	NET TONS	1.63	INBOUND
SCALE OUT TARE WEIGHT	43,900	NET WEIGHT	3,260	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.00	YD	Tracking QTY				
1.63	tn	SW-TIMBER/TREATED/OLD Origin:ALL OTHERS 100%				

Signature \_\_\_\_\_

<b>NET AMOUNT</b>
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE \_\_\_\_\_

**Scale Ticket**

Phone: 800 242 3209

**US ECOLOGY TEXAS, INC.**  
ROBSTOWN, TX

**Scale Ticket #: 322763**

**Work Order #: 22022803188**

**Checkin Date: 02/28/2022 Time: 14:09**

**Checkout Date: 02/28/2022 Time: 15:18**

022648997JJK

**Transporter:**

EQ INDUSTRIAL SERVICES  
17440 COLLEGE PRKWY STE 300  
LIVONIA, MI

**EPA ID: MIK435642742**

**Truck #: 7117**

**Tractor #: RBR250198**

**Trailer #:**

**Driver: RODNEY HALL**

**Customer**

W.T. BYLER CO., INC.  
15203 LILLJA ROAD  
HOUSTON, TX

<b>GROSS WEIGHT :</b>	<b>76,280.00</b>	<b>LBs</b>
<b>TARE WEIGHT :</b>	<b>42,340.00</b>	<b>LBs</b>
<b>NET WEIGHT :</b>	<b>33,940.00</b>	<b>LBs</b>

Truck 717

Box LBR 250198

Please print or type.

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number TXD000820266	2. Page 1 of 1	3. Emergency Response Phone 414-264-4169	4. Manifest Tracking Number 022648997 JJK		
5. Generator's Name and Mailing Address UNION PACIFIC RAIL ROAD P.O. BOX 87687 HOUSTON TX 77287 Generator's Phone: (713) 227-2962			Generator's Site Address (if different than mailing address) UNION PACIFIC RAIL ROAD 4910 LIBERTY RD. HOUSTON TX 77026				
6. Transporter 1 Company Name EQ Industrial Services				U.S. EPA ID Number MLK 435642742			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address US ECOLOGY TEXAS, INC. 3277 COUNTY ROAD 69 ROBSTOWN TX 78380 Facility's Phone: (800) 242-3209				U.S. EPA ID Number TXD069452340			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, NOS, (GRESOTE), 9, PG III	1	CU	25	4	0915301H	F034
	2.					K001	
	3.						
	4.						
14. Special Handling Instructions and Additional Information 090124735-0 SOIL CONTAINING RCRA HAZARDOUS WASTE (F034, K001) - WR#004617 WO#69022							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Lyle A. Parker				Signature <i>[Signature]</i>		Month Day Year 02 28 2022	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Lorayne Hall				Signature <i>[Signature]</i>		Month Day Year 2 28 22	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Received 16.97 y per Amanda Kelly <i>[Signature]</i> Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H32		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Aaron Poffe				Signature <i>[Signature]</i>		Month Day Year 2 28 22	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY



Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number TXD0000820288	2. Page 1 of 1	3. Emergency Response Phone 414-264-4164	4. Manifest Tracking Number 022648996 JJK	
5. Generator's Name and Mailing Address UNION PACIFIC RAILROAD P.O. BOX 87587 HOUSTON TX 77287 (713) 227-2882			Generator's Site Address (if different than mailing address) UNION PACIFIC RAILROAD 4910 LIBERTY RD. HOUSTON TX 77026			
6. Transporter 1 Company Name EQ Industrial Services				U.S. EPA ID Number mik 435 64 2742		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address US ECOLOGY TEXAS, INC. 3277 COUNTY ROAD 69 ROBSTOWN TX 78380 (800) 242-3209				U.S. EPA ID Number TXD068452340		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RC, 110007, HAZARDOUS WASTE, SOLID, NOS. (CREOSOTE), 9, PG III RA, NA 2082, HAZARDOUS WASTE, LIQUID, NOS. (CREOSOTE), 9 III (F034, K001) CRG #171	1	CM	30000	9 646	0909101A 0915383H (K1) F034 K001
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 090124735-8 SOIL CONTAINING RCRA HAZARDOUS WASTE (F034, K001) - WR 004817 WO 59022 090128978-0 WATER CONTAINING RCRA HAZARDOUS WASTE (F034) - WR 004817 WO 59022						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name Tyler A. Parker				Signature 		Month Day Year 12 21 22
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Robert Gonzales				Signature 		Month Day Year 12 21 22
Transporter 2 Printed/Typed Name				Signature		Month Day Year 12 21 22
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Received 18,160 P Per Amanda Kelly						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						Month Day Year
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H132		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name Diamante Balboa				Signature 		Month Day Year 12 21 22

**Scale Ticket**

Phone: 800 242 3209

**US ECOLOGY TEXAS, INC.**  
ROBSTOWN, TX

**Scale Ticket #: 323886**

**Work Order #: 22022202783**

**Checkin Date: 02/22/2022 Time: 09:09**

**Checkout Date: 02/22/2022 Time: 09:39**

022648996JJK

**Transporter:**

EQ INDUSTRIAL SERVICES  
17440 COLLEGE PRKWY STE 300  
LIVONIA, MI

**EPA ID: MIK435642742**

**Truck #: 03**

**Tractor #: VAC259114**

**Trailer #:**

**Driver: ROBERT GONZALES**

**Customer**

W.T. BYLER CO., INC.  
15203 LILLJA ROAD  
HOUSTON, TX

<b>GROSS WEIGHT :</b>	<b>55,400.00</b>	<b>LBs</b>
<b>TARE WEIGHT :</b>	<b>37,240.00</b>	<b>LBs</b>
<b>NET WEIGHT :</b>	<b>18,160.00</b>	<b>LBs</b>

Please print or type

1. Generator's Name and Mailing Address  
 UNION PACIFIC RAIL ROAD  
 P.O. BOX 87607  
 HOUSTON  
 TX 77267

2. Generator's Phone: (713) 227-2992

3. Emergency Response Route  
 UNION PACIFIC RAIL ROAD  
 4810 LIBERTY RD.  
 HOUSTON TX 77060

4. Manifest Number  
 023654501 JJK

5. Transporter's Company Name  
 EQ Industrial Services

6. Transporter's Company Name  
 EQ Industrial Services

7. Transporter's Company Name  
 EQ Industrial Services

8. Designated Facility Name and Site Address  
 U.S. ECOLOGY TEXAS, INC.  
 3277 COUNTY ROAD 68  
 ROBSTOWN  
 TEXAS 77080

9. Designated Facility Phone: (800) 242-3209

10. Designated Facility Name and Site Address  
 U.S. ECOLOGY TEXAS, INC.  
 3277 COUNTY ROAD 68  
 ROBSTOWN  
 TEXAS 77080

11. Designated Facility Phone: (800) 242-3209

12. Generator's Name and Mailing Address  
 U.S. ECOLOGY TEXAS, INC.  
 3277 COUNTY ROAD 68  
 ROBSTOWN  
 TEXAS 77080

13. Generator's Phone: (800) 242-3209

14. Designated Facility Name and Site Address  
 U.S. ECOLOGY TEXAS, INC.  
 3277 COUNTY ROAD 68  
 ROBSTOWN  
 TEXAS 77080

15. Designated Facility Phone: (800) 242-3209

16. ID	17. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and/or Packing Group (if any))	18. Quantity		19. Type	20. Total Quantity	21. U.S. DOT Hazard Class	22. EPA Hazard Code
		23. No.	24. Weight (kg)				
X	RQ, NA3077, HAZARDOUS WASTE, SOLID, NOS, (G)RESQTES, 3, PG II	001	CM 45000	P	0015000H	P034	ERG

19. Special Handling Instructions and Additional Information  
 D06124736-0 SOIL CONTAINING RCRA HAZARDOUS WASTE (PGIII, K001) - WINDBLAST WORKSITE

20. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by the proper shipping name, hazard class, packing group, and identification number and are in all respects in proper condition for transport according to applicable federal, state, and/or local governmental regulations. I agree to accept all the financial responsibility for the contents of this shipment conform to the same, at the direction of the Administrator of the EPA.

I certify that the waste description statement contained in 40 CFR 261.27(a) (2) is a large quantity generator, or is a small quantity generator since

Generator's Name and Signature: *Glen A. Porter* Date: 10/21/12

Signature: \_\_\_\_\_ Date of receipt: \_\_\_\_\_

21. Transporter's Acknowledgment of Receipt of Material  
 Signature: *David Speed* Date: 12/7/12

22. Discrepancy  
 Quantity  Type  Hazard  Other

23. Manifest Facility (or Generator)  
 Facility's Name: \_\_\_\_\_  
 Facility's Phone: \_\_\_\_\_  
 Signature of Manifest Facility (or Generator): \_\_\_\_\_

24. Hazardous Waste Report Management Method Code (i.e., codes for hazardous waste treatment, storage, and recycling systems)

25. Designated Facility Owner or Operator. Certification (in case of hazardous materials covered by the manifest except as noted in item 26)

26. Designated Facility Owner or Operator. Certification (in case of hazardous materials covered by the manifest except as noted in item 25)

DESIGNATED FACILITY TO EPA'S MANIFEST SYSTEM



Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST Form Approved OMB No. 2040-0080

1 Generator's Name and Address  
 TXD000000266  
 2 Page 1 of 1  
 3 Emergency Response Phone  
 4 Manifest Tracking Number  
 023654503 JJK

5 Generator's Name and Address (Different from manifest address)  
 UNION PACIFIC RAIL ROAD  
 P.O. BOX 87927  
 HOUSTON, TX 77287  
 6 Receiver's Name and Address  
 E.Q. Industrial  
 M  
 TX 77088

7 Transporter's Company Name  
 M.K. LBS-LAD-742  
 8 Designated Facility Name and Site Address  
 US ECOLOGY TEXAS, INC  
 3277 COUNTY ROAD 59  
 ROBSTOWN, TX 78069  
 9 U.S. DOT Description (including Proper Shipping Name, Hazard Class, Division, and Packing Group if any)  
 9X RQ, RA3077, HAZARDOUS WASTE, SOLID, 909, KRESOFL & PG II  
 10 Quantity (including net weight for liquids and solids)

No.	U.S. DOT Description (including Proper Shipping Name, Hazard Class, Division, and Packing Group if any)	11 Container		12 Net Quantity	13 U.S. DOT Label	14 Blank (Initials)
		No.	Type			
X	RQ, RA3077, HAZARDOUS WASTE, SOLID, 909, KRESOFL & PG II	1	CM 254		95132814 KRES	9836

15 Special Handling Instructions and Additional Information  
 ONE 147360 SOL. CONTAINING RCRA HAZARDOUS WASTE (PICK, HCL, W/ROCKET FUMIGANT)

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this manifest are true and a correct statement of the actual contents and are so labeled, packaged, marked and otherwise prepared, and also in all respects conform to the applicable provisions of applicable Federal, State and local laws, rules and regulations.  
 I certify that the waste information submitted hereon is for the use of the U.S. DOT and is not a duplicate of any other manifest or report.  
 Generator's Name and Address: *John A. Porter*  
 Title: *Superintendent*  
 Signature: *[Signature]*  
 Date: *02/21/88*

17 TRANSPORTER'S CERTIFICATION: I hereby declare that the contents of this manifest are true and a correct statement of the actual contents and are so labeled, packaged, marked and otherwise prepared, and also in all respects conform to the applicable provisions of applicable Federal, State and local laws, rules and regulations.  
 Transporter's Name and Address: *Willard Wright*  
 Title: *Superintendent*  
 Signature: *[Signature]*  
 Date: *02/21/88*

18 Designated Facility's Certification: I hereby declare that the contents of this manifest are true and a correct statement of the actual contents and are so labeled, packaged, marked and otherwise prepared, and also in all respects conform to the applicable provisions of applicable Federal, State and local laws, rules and regulations.  
 Designated Facility's Name and Address: *US Ecology Texas, Inc.*  
 Title: *Superintendent*  
 Signature: *[Signature]*  
 Date: *02/21/88*

19 Designated Facility's Name and Address  
 20 Designated Facility's Name and Address  
 21 Designated Facility's Name and Address

DESIGNATED FACILITY TO SIGN AND MAINTAIN FILED

17-810-0-5 (Rev. 5/85)



2024

WISN

025854504 JK  
 CONTRACT NO. 025854504 JK  
 PROJECT NO. 025854504 JK  
 DATE 12/15/24

20 Industrial Services  
 MICHAEL BENTLEY

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	RATE	TOTAL	REMARKS
1	MANHOLES	1	EA	20	20	21/2 DIA

Signature: [Handwritten Signature]  
 Date: 12/15/24  
 Amount: 20.00

Box EBR 250105

UNIFORM HAZARDOUS WASTE MANIFEST  
 Generator's Name and Mailing Address  
 EPCOR INC 2ND FLOOR 100 PARK ST  
 CALGARY AB T2C 2L7  
 Telephone: (403) 272-2800 FAX: (403) 272-2800

Emergency Response Phone: 1-800-424-9313  
 Manifest Number: 023654505 JJK

Generator's Signature: [Signature]  
 Date: 11/27/05

Transporter's Company Name: E.C. Industrial Services  
 U.S. EPA Number: HAZWASTE  
 U.S. DOT Number: TUC089452340

Designated Facility Name and Site Address:  
 THE BLACKMAY TRADING LTD  
 3017 SUTTONY RD SW  
 ROBERTSVILLE ALBERTA  
 Telephone: (403) 242-3269

U.S. DOT Number: 71 70380  
 U.S. EPA Number: TUC089452340

RA ID#	U.S. DOT Description (including Proper Shipping Name, Hazard Class, & Number, and Packing Group if any)	U.S. Container		U.S. Total Quantity	U.S. DOT Label Code	U.S. Hazard Class
		No.	Type			
X	1.0, IS 2007, HAZARDOUS WASTE, SOLID, NON-FLAMMABLE, CORROSIVE, A, PG I	1	DRUM	5 V	1909	1909

Special Handling Instructions and Address Information:  
 000124735 0 SOLID ORT HAZARDOUS WASTE (PG I, COR) - W/REGIST# W080002

GENERATOR/SUPPORTER'S CERTIFICATION: I hereby declare that the contents of this manifest are fully and accurately described above by the proper shipping name, hazard class, packaged method and identification, and are in all respects in proper condition for transport according to applicable international, national, governmental regulations, if export/import and/or the Primary End-user. I certify that the contents of this manifest conform to the terms of the attached U.S. Acknowledgment of Receipt.

Signature: [Signature]  
 Date: 11/27/05

Transporter 1 Printed Name: [Name]  
 Signature: [Signature]

Transporter 2 Printed Name: [Name]  
 Signature: [Signature]

Disciplinary: [ ] None [ ] Quantity [ ] Type [ ] Residue [ ] Partial Refusion [ ] Full Refusion

Manifest Reference Number: [Number]  
 U.S. EPA ID Number: [Number]

Designated Facility (or Generator): [Name]  
 Facility's Phone: [Number]  
 Signature of Alternate Facility (or Generator): [Signature]

Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, storage, and recycling systems): [Codes]

Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 15b. Signature: [Signature]

GENERATOR'S SIGNATURE

Rollout

Form Approved (48) by 2008-02-28

1. Generator Name: **WILSON HAZARDOUS WASTE MANIFEST**  
 2. Generator ID Number: **TAC0000020285**  
 3. EPA ID Number: **346-246-7640**  
 4. Manifest Tracking Number: **023654506 JJK**  
 5. Generator Address: **WILSON HAZARDOUS WASTE, P.O. BOX 8787, HOUSTON, TX 77287**  
 6. Manifest Dates: **0718-22-2602**  
 7. Manifest Number: **1 MCK 43564750**

8. Receiver Name: **Eg Indotex**  
 9. Receiver ID Number: **TX 75280**  
 10. Receiver Address: **717 COUNTY ROAD 88, ROBSTOWN, TX 75280**  
 11. Receiver Phone: **800 240-5858**  
 12. Manifest Number: **TAC00042340**

13. U.S. DOT Hazardous Waste Identification Number (Hazard Class, ID Number, and Packing Group (if any))

HAZARDOUS WASTE IDENTIFICATION NUMBER (HWID)	A. Container		P. Net Weight (kg/lb)	U. UN Number	V. Hazard Class
	Size	Type			
1. <b>HAZARDOUS WASTE SOLID, NOS, GREGORY, S, PG II</b>	1	DR	254	6943	PG02
2.					
3.					
4.					

14. Special Handling Instructions and Additional Information: **DESIGNATED SOIL CONTAINING RCRA HAZARDOUS WASTE (P004, P002) - WRECKED WORKBOAT**

15. GENERATOR SIGNATURE & CERTIFICATION: I hereby declare that the contents of this assignment are fully and accurately described above; the proper shipping name, with associated packing group and hazard identification, and net or total weight or gross weight (whichever is applicable) is properly identified and listed on this manifest. I agree to accept and pay the fee for this manifest. I certify that the waste identification information provided on this manifest is accurate and that the waste is properly packaged and labeled in accordance with applicable regulations.

Signature: **Walter H. Purcher** Date: **3/19/22**

Signature: **Wilbert Anselte** Date: **3/19/22**

16. Declaration:  Quantity  Weight  Volume  Other

17. Alternate Facility or Generator: \_\_\_\_\_

18. Facility Name: \_\_\_\_\_

19. Designated Facility Operator: \_\_\_\_\_

20. Designated Facility Operator: \_\_\_\_\_

21. Designated Facility Operator: \_\_\_\_\_

22. Designated Facility Operator: \_\_\_\_\_

EPA Form 353 (Rev. 12-11) Previous editions are obsolete. (Rev. 12-11) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

GENERATOR'S INITIAL COPY