2020 - 2021 Air Quality Report Site 174, Dennis Collins Park

Attached is a technical summary of air quality data for 2020 - 2021 at the Site 174 cleanup site submitted by PPG Industries' air monitoring consultant.

This report provides air monitoring information about conditions at the perimeter associated with Site 174 (Dennis Collins Park).

Also, this document notes any deviations from the monitoring plan and work schedule caused by factors beyond the control of cleanup contractors, such as inclement weather and malfunctioning equipment.



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Final Air Monitoring Report Site 174, Dennis Collins Park Bayonne, New Jersey

Reporting Period: January 2020 - September 2021

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List of Acronyms

AAC – Acceptable Air Concentration

AMP – Air Monitoring Plan

AMS - Air Monitoring Station

Cr+6 – Hexavalent Chromium

ng/m³ – Nanograms per Cubic Meter of Air

NJDEP - New Jersey Department of Environmental Protection

PM₁₀ – Particulate Matter 10 Microns or less in Diameter

PPG – PPG Industries, Inc.

μg/m³ – Micrograms per Cubic Meter of Air

Executive Summary

Air monitoring conducted at Site 174 was completed in accordance with the Site-Specific Air Monitoring Plan (AMP), and included sampling and analysis for 8-hour integrated hexavalent chromium (Cr⁺⁶) and total particulates, as well as real-time monitoring for PM₁₀ at all air monitoring stations. In addition to the air monitoring conducted in accordance with the AMP, 24-hour Cr⁺⁶ and total particulate sampling with lab analysis was also conducted at one station. This program was designed to measure various aspects of air quality at the Site to ensure that remedial activities at the Site did not have an adverse effect on Site workers and the surrounding community.

Results of the integrated Cr⁺⁶ sampling and analysis indicate that program-to-date average airborne Cr⁺⁶ concentrations were significantly below the Acceptable Air Concentration (AAC) at each of the AMS locations. The results and calculations document continued compliance with the current AAC set by the New Jersey Department of Environmental Protection (NJDEP), confirm that dust control measures were effective, and indicate that the levels of Cr⁺⁶ in dust generated at the Site did not represent an emission source of Cr⁺⁶ sufficient to create potential offsite exposure to Cr⁺⁶ at or exceeding the AAC.

1.0 Introduction

This final air monitoring report includes both tabular information and written discussions summarizing the ambient air quality data collected in accordance with the Air Monitoring Plan (AMP) at Site 174 (referred herein as Site), in Bayonne, New Jersey.

This final report is designed to provide a summary of the air monitoring data collected during the intrusive activities associated with Site 174 throughout the project. This report includes both monthly and program-to-date summaries of the following:

- Integrated hexavalent chromium analytical results;
- Integrated total particulate analytical results;
- Real-time 15-minute average PM₁₀ readings; and
- Meteorological conditions.

Results have been evaluated and compared to the Site-specific Acceptable Air Concentration (AAC) and the Action Levels in accordance with the AMP.

2.0 Air Monitoring

This report summarizes air monitoring at the Site performed between the baseline period and the end of the project. The baseline period includes data measured between January 1, 2020 and January 3, 2020.

Remedial activities began on the Site on January 6, 2020. Air monitoring stations provided protection during intrusive work between January 6, 2020 and March 22, 2021, with site shutdown periods from April 11, 2020 to August 30, 2020 due the Covid-19 pandemic and February 12, 2021 to March 7, 2021 due to inclement weather impeding work activities. The use of perimeter air monitoring stations was discontinued after March 22, 2021 and resumed on August 13, 2021 in accordance with Addendum 3 of the AMP. Periodic handheld monitoring was conducted between March 23, 2021 and April 6, 2021 when necessary. Air monitoring activities were concluded on September 24, 2021 when all intrusive activities that required monitoring were completed.

The site initially contained four ground level stations, with a fifth station added on January 30, 2020. A sixth station was also utilized from March 9, 2020 through March 24, 2020. One station collects Cr⁺⁶ and total particulate samples for 24 hours during the week and 72 hours over the weekend. Locations of AMS during the reporting period are provided in Appendix G. Table 2-1 provides an overview of the air monitoring approach.

Air monitoring results throughout the project have confirmed protection of the community, and the overall effectiveness of the program has been evaluated as a success based on the average Cr⁺⁶ concentrations at each AMS location are compared to the AAC. The AAC value was originally calculated based on a duration of 225 work days. Due to the shutdown time for the pandemic, it was not necessary to recalculate the AAC, as there were not 225 days of intrusive work at the site during the project. The Cr⁺⁶ average concentrations measured at each AMS were compared to the site-specific AAC for Cr⁺⁶ to confirm the effectiveness of the program. Thus, this report will focus largely on the integrated analytical results collected as part of the Cr⁺⁶ fence-line air monitoring.

Air monitoring data collected at the Site includes:

- 8-hour integrated Cr⁺⁶ and total particulate sample collection and associated laboratory analysis;
- 24-hour and 72-hour integrated Cr⁺⁶ and total particulate samples collection and laboratory analysis; and
- Real-time 15-minute average PM₁₀, readings measured at the perimeter.
- Hand-held readings for PM₁₀ measured at the perimeter.

The following sections outline the types of data collected, frequency of collection, and the corresponding locations.

Table 2-1: Air Monitoring Approach

Site	Station	Integrated Air Monitoring	Real-Time Air Monitoring
Site 174	AMS1, AMS2, AMS3, AMS4, AMS5, AMS6	Integrated 8-hour Cr ⁺⁶ and total particulate sampling and analysis during work days. One 24-hour sample during the week and 72-hour over the weekend.	15-minute average PM ₁₀ readings measured for a 24-hour period.

Note: 24-hour and 72-hour Cr^{+6} sampling was conducted at station AMS-1 (1/6/20 - 1/29/20), AMS-5 (1/30/20 - 3/22/21) and AMS-1 (8/13/21 - end of project).

2.1 Integrated Air Sampling

Integrated Cr⁺⁶ and total particulate samples were collected at each of the AMS for an 8-hour-to-10-hour duration each working day (typically Monday – Friday). Samples were collected on a pre-weighed polyvinyl chloride 37mm filter cassette for both Cr⁺⁶ and total particulate. Sampling pumps operated at or around 2 liters per minute and were calibrated at the beginning and end of each sampling run.

2.1.1 Integrated Cr⁺⁶ Sampling

The exposed Cr⁺⁶ filters were shipped to an American Industrial Hygiene Association Industrial Hygiene Laboratory Accreditation Program-certified analytical laboratory for Cr⁺⁶ analysis using Modified OSHA ID 215. The sample weights were provided by the laboratory with a laboratory detection limit of 10.0 ng. The sample weights and flow information were utilized to calculate 8-hour to 10-hour integrated Cr⁺⁶ air concentrations in nanograms per cubic meter of air (ng/m³). Filter weights reported as non-detect were included in the concentration calculation at one-half the laboratory detection limit for data reporting purposes.

In addition to sampling performed during working hours, 24-hour and 72-hour Cr⁺⁶ sampling and analysis were also performed at one AMS. These longer duration samples show Cr⁺⁶ concentrations during overnight and weekend periods. The 24-hour samples were typically collected daily from 7AM to 7AM Monday through Thursday, and a single 72-hour sample was collected from 7AM Friday through 7AM Monday.

2.1.2 Integrated Total Particulate Sampling

The exposed total particulate filters were shipped to an American Industrial Hygiene Association Industrial Hygiene Laboratory Accreditation Program-certified analytical laboratory for total particulate analysis using NIOSH Method 0500. The sample weights were provided by the laboratory with a laboratory detection limit of 100 ug. The sample weights and flow information were utilized to calculate 8-hour-to-10-hour integrated total particulate air concentrations in micrograms per cubic meter of air $(\mu g/m^3)$. Filter weights reported as non-detect were included in the concentration calculation at one half the laboratory detection limit for data reporting purposes.

2.2 Real-Time Air Monitoring

Real-time air monitoring was divided into two types of monitoring including: perimeter monitoring and meteorological monitoring. Each monitoring type is described in more detail in the following sections.

2.2.1 Perimeter

Perimeter air monitoring consisted of ground level stations at the perimeter of the Site. Perimeter monitoring included the following:

• Real-time 15-minute average PM₁₀ readings at each AMS location. All AMS operated during remedial activities and one AMS operated 24-hours a day, Monday through Sunday. Station AMS-1 operated 24-hours a day until station AMS-5 was added (1/30/2020), at which point AMS-5 became the 24-hour station location through 3/22/2021. AMS-1 resumed being the 24-hour station on 8/13/2021 through 9/24/2021.

2.2.2 Meteorological Measurements

Meteorological measurements of 15-minute average wind speed and direction, relative humidity, pressure, and temperature were recorded onsite, 24-hours a day, seven days a week.

2.3 Hand-held Air Monitoring

Hand-held air monitoring consisted of the collection of perimeter PM₁₀ readings. Monitoring is described in more detail in the following section.

2.3.1 Perimeter PM₁₀ Hand-held Monitoring

Hand-held readings were taken along the downwind perimeter of the Site periodically each day during remedial activities and logged to be reported weekly. The readings were collected as instantaneous readings and if levels were elevated, 15-minute averages were recorded for comparison to adjacent perimeter stations

3.0 Site-Specific Acceptable Air Concentration and Real-Time Action Levels

Site-specific Acceptable Air Concentration (AAC) and real-time Action Levels had been established for Cr⁺⁶ and real-time PM₁₀ concentrations by NJDEP as part of the approved AMP, in compliance with risk assessment procedures. The AAC and real-time Action Levels had been developed to protect off-site receptors from potential adverse health impacts from Cr⁺⁶ and particulates over the duration of the intrusive remediation activities.

Real-time monitoring and integrated results were compared against the AAC and the real-time action levels to alert Site management of the potential need to enhance control of emissions and curtail operations to maintain concentrations at levels below the specified criteria. The AAC and real-time action levels for integrated Cr⁺⁶ concentrations and real-time PM₁₀ are outlined in the following sections.

3.1 Integrated Cr⁺⁶ Acceptable Air Concentration

A Site-specific Cr⁺⁶ AAC had been established by NJDEP to protect off-site receptors from potential adverse health impacts due to potential exposure to Cr⁺⁶ in dust. The AAC for Cr⁺⁶ was developed to represent the maximum allowable average concentration of Cr⁺⁶ in the air at each AMS over the project duration. The AAC was protective of human health based on a non-carcinogenic exposure endpoint with a duration of one calendar year or less for intrusive remedial activities.

The AAC of 487 ng/m³ was applicable at the perimeter and represents the maximum allowable average concentration measured over the project duration and was developed to ensure the protection of human health. This AAC was also used to evaluate the effectiveness of dust control. PPG had established an operational goal of achieving a project average hexavalent chromium air concentration of 49 ng/m³ to the extent practicable using best management practices throughout the duration of intrusive remedial activities at the site.

To ensure ongoing compliance with the AAC, shorter duration rolling averages were utilized to provide for the early and regular assessment of performance trends and, if necessary, allow for responsive corrective measures to be implemented to ensure that emissions of Cr⁺⁶ were maintained well below the AAC over the duration of the project, and were minimized to the greatest extent practicable. These shorter duration average concentrations metrics included: program-to-date, 90-day, 60-day, and 30-day running averages where the average Cr⁺⁶ concentration over the previous 90-day, 60-day, and 30-day periods were calculated for each sample day. Sampling days were considered days where routine

sampling was conducted (typically Monday – Friday). The shorter-term average concentrations were compared against the list of metrics provided in Table 3-1 which also depicts respective response actions.

Table 3-1: Running Cr⁺⁶ Metrics

Metric Observation	Response Action				
30-day ¹ Cr ⁺⁶ average concentration greater than or equal to 400 ng/m3	External meeting to review levels, evaluate activities each day when elevated				
60-day ¹ Cr ⁺⁶ average concentration greater than or equal to 300 ng/m3	concentrations were observed, and trigger corrective action if required.				
90-day ¹ Cr ⁺⁶ average concentration greater than or equal to 200 ng/m3	1 - 1 - 1 - 1				
¹ Refers to days on which samples were collected, not necessarily calendar days					

3.2 Real-Time Alert and Action Levels

Real-time Alert and Action Levels were designed to monitor and assist in control of Site emissions to ensure protection of human health, and represent an important aspect of the remedial program at the Site. The real-time Alert and Action Levels used on Site are shown in Table 3-2.

Table 3-2: Site-specific Alert and Action Levels

Parameter	Alert Level (15-min TWA)	Action Level (15-min TWA)
PM ₁₀	255 μg/m³	339 µg/m³

4.0 Air Sampling and Monitoring Results

Results of air sampling and monitoring conducted between January 6, 2020 and September 24, 2021 are summarized herein. The following sections present both tabular and written discussions of the air sampling and monitoring results for the project including:

- Monthly integrated and real-time results;
- Program-to-date integrated and real-time statistics;
- Evaluation of program success versus the Site-specific AAC and action levels;
- Meteorological results; and
- Hand-held monitoring results

Air sampling and monitoring results are presented in detail in the Appendices of this report. Appendix A through Appendix G includes summary of the air sampling and monitoring results, meteorological data, and site maps for the project. Appendix H includes program-to-date statistics and monthly comparison of results.

4.1 Integrated Air Sampling Results

Results of the integrated Cr⁺⁶ and total particulate sampling and analysis are presented in the following sections.

4.1.1 Cr⁺⁶ Sampling Results

Results of the Cr⁺⁶ sampling for the project and a program-to-date evaluation are discussed in the following sections. The short-term average integrated Cr⁺⁶ results at the end of the project are presented in Table 4-1.

Project Reporting Period

Individual integrated 8-hour Cr⁺⁶ concentrations measured during the project are presented in Appendix A. If an individual sample result exceeded 80% of the project duration AAC, additional evaluation and review of relevant Site conditions and activities were performed to potentially modify procedures if necessary, to reduce the potential for increased Cr⁺⁶ concentration trends. Any elevated concentration data during the project duration are listed and discussed in Appendix E.

Program-to-date

Sampling and analytical statistics for integrated 8-hour Cr⁺⁶ results are shown in Table H-1 and include various program-to-date metrics relative to Cr⁺⁶ analytical data. Monthly average 8-hour Cr⁺⁶ concentration results are shown in Table H-2 for each AMS location.

Table 4-1: Short-Term Average 8-hour Integrated Cr⁺⁶ Metrics

Runnin	g Cr ⁺⁶ Metrics ¹	Site 174						
	Metric (ng/m³)	AMS-1 ng/m³						
30-day ²	400	5.2	16.2	16.6	5.3	1.6	N/A	
60-day ²	300	5.3	10.9	11.3	5.6	1.9	N/A	
90-day ²	200	5.0	9.2	9.5	5.6	1.8	N/A	
PTD ³	487	6.3	8.2	8.3	7.2	2.1	12.7	

ng/m³ – nanograms per cubic meter N/A – Not Applicable (not enough results currently collected to calculate specific metric)

- 1. Running Cr⁺⁶ metrics are utilized to provide for the early and regular assessment of performance trends and, if necessary, allow for responsive corrective measures to be implemented ensuring that emissions of Cr⁺⁶ are maintained well below the AAC over the duration of the project, and are minimized to the greatest extent practicable. The running Cr⁺⁶ metrics are designed to evaluate the program success on short duration intervals (monthly) and do not represent the long-term (program) ending success.
- 2. Running Cr⁺⁶ metrics are valid as of 9/24/2021 and include the previous 30, 60, or 90-days of sample results.
- 3. Program-to-date Air monitoring conducted from January 6, 2020 through the end of the project.

4.1.2 Total Particulate Sampling Results

Results of the 8-hour integrated total particulate sampling and analysis for the project and program-todate results are discussed in the following sections.

Project Reporting Period

Individual integrated 8-hour total particulate concentrations measured at each station during the project are presented in Appendix B.

Program-to-date

Sampling and analytical statistics for integrated total particulate are shown in Table H-3 and include various metrics relative to total particulate analytical data. Monthly average total particulate concentration results are shown in Table H-4 for each AMS.

4.1.3 Integrated Air Sampling Results Summary

There were 222 sample days between January 6th, 2020 and the end of the project for stations AMS-1 through AMS-6. The results of the sample analysis are summarized in the following sections.

Air Monitoring

The program throughout the project shows the 8-hour Cr⁺⁶ average concentrations, based upon lab analytical results at each AMS, were less than 2.60% of the AAC, demonstrating that the dust control measures were effective.

4.2 Real-Time Air Monitoring Results

Real-time air monitoring for PM₁₀ was conducted during all remedial activities. The results of the real-time air monitoring are presented in the following sections.

4.2.1 PM₁₀ Monitoring Results

Results of the real-time PM₁₀ sampling for the project since the start of intrusive activities are discussed in the following sections.

Project Reporting Period

Real-time 15-minute PM_{10} averages measured during the project are presented in Appendix C. Real-time 15-minute PM_{10} averages were compared directly to the PM_{10} Action Level (339 $\mu g/m^3$) and averages greater than the action level were subject to additional evaluation. If applicable, elevated PM_{10} averages are listed and discussed in Appendix E.

Program-to-date

Real-time monthly PM₁₀ averages are shown in Table H-5 for each AMS. Dust readings measured during the reporting period were similar to those during the baseline period (when no intrusive activities were occurring). This indicates that dust control measures during intrusive activities were effective.

4.3 Meteorological Monitoring Results

Time series plots for wind speed, temperature, and relative humidity for the reporting period are shown in Appendix F. A wind-rose for each month displaying the primary wind directions is also shown in Appendix F.

4.4 Hand-held Monitoring Results

Maximum hand-held monitoring results during the reporting period are displayed in Appendix D. Readings were compared directly to the 15-Minute TWA Action Level (339 ug/m³) and averages greater than the action level were subject to additional evaluation. If applicable, elevated averages were listed and discussed in Appendix E.

4.5 Site Activities

Activities which occurred on the site during the project included:

- Excavation and load out of non-hazardous soils and chromium-impacted material / soils;
- Delivery and placement of clean fill materials;
- Backfilling open excavations.

4.6 Site Map(s)

Site maps during the project reporting period are documented and included in Appendix G.

5.0 Conclusions

Results of the project reporting period for the Site 174 air sampling and monitoring program indicate that the average Cr⁺⁶ concentrations for each AMS were well below the site safety goal of 49 ng/m³ and below the AAC of 487 ng/m³. The Cr⁺⁶ concentrations and the percent Cr⁺⁶ in dust samples throughout the project demonstrate that the dust control measures were effective at maintaining concentrations of Cr⁺⁶ in airborne dust at the Site well below the AAC. These results indicate that dust generated at the Site contained very small percentages of Cr⁺⁶ and does not represent an emission source of Cr⁺⁶ sufficient to create potential offsite exposure to Cr⁺⁶ at or exceeding the AAC.

Appendix A

Integrated 8-hour Cr⁺⁶ Concentrations

Table A- 1: Daily Integrated 8-hour Cr+6 Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, January 6, 2020	6.5	6.5	6.0	6.0	
Tuesday, January 7, 2020	6.0	12.0	5.5	5.5	
Wednesday, January 8, 2020	13.0	5.5	6.0	6.0	
Thursday, January 9, 2020	5.0	5.0	5.5	17.0	
Friday, January 10, 2020	11.0	5.5	5.5	22.0	
Saturday, January 11, 2020	11.0				
Sunday, January 12, 2020	11.0				
Monday, January 13, 2020	1.8	6.0	6.0	6.0	
Tuesday, January 14, 2020	1.8	5.5	5.5	5.5	
Wednesday, January 15, 2020	1.8	5.5	5.5	5.5	
Thursday, January 16, 2020	1.9	5.5	5.5	6.0	
Friday, January 17, 2020	0.6	5.5	6.0	6.0	
Saturday, January 18, 2020	0.6				
Sunday, January 19, 2020	0.6				
Monday, January 20, 2020	6.8	14.0	6.0	5.5	
Tuesday, January 21, 2020	1.8	12.0	6.0	6.0	
Wednesday, January 22, 2020	1.8	5.5	5.5	37.0	
Thursday, January 23, 2020	5.4	13.0	6.0	6.0	
Friday, January 24, 2020	1.6	5.0	13.0	5.5	
Saturday, January 25, 2020	1.6				
Sunday, January 26, 2020	1.6				
Monday, January 27, 2020	1.8	5.5	5.5	5.5	
Tuesday, January 28, 2020	1.8	5.5	5.0	5.5	
Wednesday, January 29, 2020	1.8	5.5	5.0	6.0	
Thursday, January 30, 2020	6.0	5.5	5.5	1.7	5.5
Friday, January 31, 2020	5.5	5.0	5.0	4.3	1.5

Results in nanograms per cubic meter

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. No samples collected at AMS 5 until 1/30/20 when the station was added.

Table A- 2: Daily Integrated 8-hour Cr⁺⁶ Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Saturday, February 1, 2020					1.5
Sunday, February 2, 2020					1.5
Monday, February 3, 2020	5.5	5.5	5.5	5.5	1.8
Tuesday, February 4, 2020	5.0	5.0	5.5	5.5	1.8
Wednesday, February 5, 2020	5.5	5.5	5.5	5.5	1.8
Thursday, February 6, 2020	5.5	5.5	5.5	5.5	1.8
Friday, February 7, 2020	5.0	5.0	5.0	5.0	0.6
Saturday, February 8, 2020					0.6
Sunday, February 9, 2020					0.6
Monday, February 10, 2020	4.4	4.5	4.2	4.2	1.8
Tuesday, February 11, 2020	3.8	3.8	3.8	3.9	1.8
Wednesday, February 12, 2020	5.5	5.5	5.5	5.5	3.6
Thursday, February 13, 2020	5.5	5.5	5.5	5.5	1.8
Friday, February 14, 2020	5.5	5.5	5.5	5.0	1.4
Saturday, February 15, 2020					1.4
Sunday, February 16, 2020					1.4
Monday, February 17, 2020	5.5	5.5	5.5	5.5	5.3
Tuesday, February 18, 2020	5.5	5.5	5.5	5.5	3.9
Wednesday, February 19, 2020	5.5	5.5	5.5	5.5	1.8
Thursday, February 20, 2020	5.5	6.0	5.5	5.5	1.8
Friday, February 21, 2020	5.0	5.0	5.5	5.5	3.0
Saturday, February 22, 2020					3.0
Sunday, February 23, 2020					3.0
Monday, February 24, 2020	4.2	4.1	12.0	4.3	1.8
Tuesday, February 25, 2020	3.9	3.8	4.0	3.9	1.8
Wednesday, February 26, 2020	3.9	3.8	3.9	3.9	1.8
Thursday, February 27, 2020	5.5	5.5	5.5	5.5	1.8
Friday, February 28, 2020	5.5	5.5	5.5	5.5	0.6
Saturday, February 29, 2020					0.6

Results in nanograms per cubic meter

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM.

Table A- 3: Daily Integrated 8-hour Cr⁺⁶ Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5	AMS 6
Sunday, March 1, 2020					0.6	
Monday, March 2, 2020	5.5	5.5	5.5	5.5	3.7	
Tuesday, March 3, 2020	5.5	5.5	5.5	5.5	1.9	
Wednesday, March 4, 2020	5.5	5.5	5.5	5.5	1.8	
Thursday, March 5, 2020	5.0	5.5	5.0	5.5	1.8	
Friday, March 6, 2020	5.5	5.5	5.5	5.5	0.6	
Saturday, March 7, 2020					0.6	
Sunday, March 8, 2020					0.6	
Monday, March 9, 2020	3.7	3.8	3.7	12.0	1.8	17.0
Tuesday, March 10, 2020	20.0	3.9	3.8	3.9	6.4	9.7
Wednesday, March 11, 2020	3.8	3.9	3.8	8.8	5.3	3.5
Thursday, March 12, 2020	13.0	5.5	5.5	5.5	1.8	5.0
Friday, March 13, 2020	5.5	5.0	5.5	5.5	2.4	4.4
Saturday, March 14, 2020					2.4	
Sunday, March 15, 2020					2.4	
Monday, March 16, 2020	15.0	15.5	16.0	15.5	5.0	16.0
Tuesday, March 17, 2020	15.0	15.5	16.0	15.5	10.5	13.0
Wednesday, March 18, 2020	15.0	15.0	15.5	11.0	5.0	14.5
Thursday, March 19, 2020	13.5	13.5	14.0	14.0	4.2	11.5
Friday, March 20, 2020	13.0	12.5	13.0	13.0	1.7	9.5
Saturday, March 21, 2020					1.7	
Sunday, March 22, 2020					1.7	
Monday, March 23, 2020	37.5	35.0	34.5	36.0	10.5	35.5
Tuesday, March 24, 2020	12.0	12.0	12.0	12.5	4.9	12.5
Wednesday, March 25, 2020	11.5	11.5	11.0	11.5	5.0	
Thursday, March 26, 2020	11.0	11.5	11.0	10.5	5.0	
Friday, March 27, 2020	12.5	13.0	14.0	13.5	1.7	
Saturday, March 28, 2020					1.7	
Sunday, March 29, 2020					1.7	
Monday, March 30, 2020	15.0	15.5	15.5	15.5	5.0	
Tuesday, March 31, 2020	15.5	15.0	14.0	15.0	5.0	

Results in nanograms per cubic meter

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM.

Table A- 4: Daily Integrated 8-hour Cr+6 Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Wednesday, April 1, 2020	15.0	15.5	15.5	15.5	5.0
Thursday, April 2, 2020	13.5	13.5	14.0	13.5	5.0
Friday, April 3, 2020	17.5	17.5	17.0	17.0	1.7
Saturday, April 4, 2020					1.7
Sunday, April 5, 2020					1.7
Monday, April 6, 2020	15.5	16.0	16.5	16.0	5.0
Tuesday, April 7, 2020	16.0	14.0	16.0	16.5	5.0
Wednesday, April 8, 2020	16.0	16.0	16.5	16.0	5.0
Thursday, April 9, 2020	15.0	15.0	15.0	15.0	4.9
Friday, April 10, 2020	18.0	17.5	17.5	17.5	17.5
Saturday, April 11, 2020					
Sunday, April 12, 2020					
Monday, April 13, 2020					
Tuesday, April 14, 2020					
Wednesday, April 15, 2020					
Thursday, April 16, 2020					
Friday, April 17, 2020					
Saturday, April 18, 2020					
Sunday, April 19, 2020					
Monday, April 20, 2020					
Tuesday, April 21, 2020					
Wednesday, April 22, 2020					
Thursday, April 23, 2020					
Friday, April 24, 2020					
Saturday, April 25, 2020					
Sunday, April 26, 2020					
Monday, April 27, 2020					
Tuesday, April 28, 2020					
Wednesday, April 29, 2020					
Thursday, April 30, 2020					

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected after 4/10/20 due to site closure due to COVID-19 pandemic.

Table A- 5: Daily Integrated 8-hour Cr⁺⁶ Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, August 31, 2020	4.8	23.0	16.0	17.0	1.6
Tuesday, September 1, 2020	5.5	5.5	5.5	11.0	1.7
Wednesday, September 2, 2020	5.0	5.5	6.0	5.5	3.3
Thursday, September 3, 2020	15.0	5.5	5.5	12.0	1.5
Friday, September 4, 2020	22.0	13.0	27.0	15.0	0.5
Saturday, September 5, 2020					0.5
Sunday, September 6, 2020					0.5
Monday, September 7, 2020					1.5
Tuesday, September 8, 2020	5.0	5.5	5.5	5.5	1.5
Wednesday, September 9, 2020	5.0	5.5	5.5	5.5	1.5
Thursday, September 10, 2020	5.5	5.5	5.5	5.5	1.5
Friday, September 11, 2020	6.0	6.0	6.0	6.0	0.5
Saturday, September 12, 2020					0.5
Sunday, September 13, 2020					0.5
Monday, September 14, 2020	21.0	11.0	5.0	16.0	7.6
Tuesday, September 15, 2020	10.0	10.0	20.0	11.0	3.7
Wednesday, September 16, 2020	13.0	12.0	4.7	16.0	1.5
Thursday, September 17, 2020	12.0	3.7	16.0	11.0	4.9
Friday, September 18, 2020	12.0	22.0	16.0	5.5	1.4
Saturday, September 19, 2020					1.4
Sunday, September 20, 2020					1.4
Monday, September 21, 2020	4.9	5.0	5.0	5.0	1.5
Tuesday, September 22, 2020	5.5	5.5	5.5	5.5	3.1
Wednesday, September 23, 2020	6.5	6.5	6.5	6.5	1.6
Thursday, September 24, 2020	5.5	5.0	20.0	13.0	1.5
Friday, September 25, 2020	5.0	5.0	5.0	5.0	0.5
Saturday, September 26, 2020					0.5
Sunday, September 27, 2020					0.5
Monday, September 28, 2020	4.4	4.3	4.4	4.4	3.2
Tuesday, September 29, 2020	4.5	4.3	4.3	4.2	1.4
Wednesday, September 30, 2020	4.0	3.9	3.5	3.9	4.0

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 9/7/20 due to site closure for holiday.

Table A- 6: Daily Integrated 8-hour Cr+6 Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Thursday, October 1, 2020	3.8	3.7	3.9	3.7	1.3
Friday, October 2, 2020	3.8	3.5	3.7	3.7	2.0
Saturday, October 3, 2020					2.0
Sunday, October 4, 2020					2.0
Monday, October 5, 2020	5.5	5.0	5.0	5.0	1.1
Tuesday, October 6, 2020	4.3	3.9	3.9	3.8	1.0
Wednesday, October 7, 2020	5.5	4.7	4.9	4.6	1.0
Thursday, October 8, 2020	5.5	4.9	4.9	4.9	1.2
Friday, October 9, 2020	5.5	9.0	4.9	4.8	2.0
Saturday, October 10, 2020					2.0
Sunday, October 11, 2020					2.0
Monday, October 12, 2020					1.6
Tuesday, October 13, 2020	6.0	5.0	5.0	4.9	1.3
Wednesday, October 14, 2020	5.5	4.9	5.0	5.0	1.3
Thursday, October 15, 2020	5.5	4.9	5.0	4.9	1.2
Friday, October 16, 2020	6.0	5.0	5.0	5.0	1.2
Saturday, October 17, 2020					1.2
Sunday, October 18, 2020					1.2
Monday, October 19, 2020	5.5	4.9	5.5	4.9	1.1
Tuesday, October 20, 2020	5.5	5.0	5.0	4.8	1.1
Wednesday, October 21, 2020	5.5	5.0	5.5	5.0	1.1
Thursday, October 22, 2020	6.0	5.0	5.0	5.0	1.3
Friday, October 23, 2020	6.0	5.0	5.0	5.0	0.4
Saturday, October 24, 2020					0.4
Sunday, October 25, 2020					0.4
Monday, October 26, 2020	6.0	5.5	5.5	5.5	1.3
Tuesday, October 27, 2020	5.5	4.9	5.0	5.0	3.3
Wednesday, October 28, 2020	6.0	5.0	3.0	5.5	1.2
Thursday, October 29, 2020	6.0	5.0	5.0	5.5	1.2
Friday, October 30, 2020	6.5	5.5	5.5	5.5	0.4
Saturday, October 31, 2020					0.4

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 10/12/20 due to site closure for holiday.

Table A-7: Daily Integrated 8-hour Cr⁺⁶ Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Sunday, November 1, 2020					0.4
Monday, November 2, 2020	6.0	4.9	5.0	5.0	1.0
Tuesday, November 3, 2020	4.9	4.1	4.1	4.2	1.0
Wednesday, November 4, 2020	5.0	13.0	4.4	4.6	1.1
Thursday, November 5, 2020	4.9	4.9	5.0	21.0	1.6
Friday, November 6, 2020	4.7	17.0	5.0	4.9	3.5
Saturday, November 7, 2020					3.5
Sunday, November 8, 2020					3.5
Monday, November 9, 2020	18.0	5.0	4.3	5.0	1.8
Tuesday, November 10, 2020	3.7	5.0	5.0	4.9	2.2
Wednesday, November 11, 2020					2.2
Thursday, November 12, 2020	3.5	5.0	5.0	5.0	1.7
Friday, November 13, 2020	3.8	5.5	5.5	5.5	3.3
Saturday, November 14, 2020					3.3
Sunday, November 15, 2020					3.3
Monday, November 16, 2020	4.5	5.0	5.5	5.0	1.8
Tuesday, November 17, 2020	4.6	5.5	5.5	4.9	1.7
Wednesday, November 18, 2020	3.6	5.0	5.5	5.0	1.7
Thursday, November 19, 2020	3.7	5.0	5.5	5.0	1.7
Friday, November 20, 2020	3.6	5.0	5.0	4.9	0.6
Saturday, November 21, 2020					0.6
Sunday, November 22, 2020					0.6
Monday, November 23, 2020	4.6	5.0	5.5	5.0	1.8
Tuesday, November 24, 2020	3.2	4.7	4.5	4.4	1.8
Wednesday, November 25, 2020	5.0	7.0	7.0	7.0	1.7
Thursday, November 26, 2020					1.7
Friday, November 27, 2020					1.7
Saturday, November 28, 2020					1.7
Sunday, November 29, 2020					1.7
Monday, November 30, 2020	3.3	5.0	5.0	4.9	5.6

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 11/11/20, 11/26/20, & 11/27/20 due to site closure for holiday.

Table A- 8: Daily Integrated 8-hour Cr⁺⁶ Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Tuesday, December 1, 2020	3.8	5.0	5.5	5.0	4.2
Wednesday, December 2, 2020	3.7	5.0	5.5	5.0	1.8
Thursday, December 3, 2020	3.7	5.5	5.5	12.0	6.3
Friday, December 4, 2020	3.8	5.0	5.5	13.0	0.6
Saturday, December 5, 2020					0.6
Sunday, December 6, 2020					0.6
Monday, December 7, 2020	3.8	5.5	5.5	5.0	1.8
Tuesday, December 8, 2020	3.4	5.5	5.5	5.5	1.7
Wednesday, December 9, 2020	3.6	5.5	6.0	5.5	1.8
Thursday, December 10, 2020	3.8	5.5	5.5	5.5	1.8
Friday, December 11, 2020	3.6	5.0	5.0	5.0	0.6
Saturday, December 12, 2020					0.6
Sunday, December 13, 2020					0.6
Monday, December 14, 2020	3.6	8.0	5.0	5.0	1.8
Tuesday, December 15, 2020	3.7	6.5	5.5	5.0	1.7
Wednesday, December 16, 2020	3.7	13.0	11.0	5.5	4.5
Thursday, December 17, 2020					4.5
Friday, December 18, 2020	3.9	5.5	13.0	5.5	0.6
Saturday, December 19, 2020					0.6
Sunday, December 20, 2020					0.6
Monday, December 21, 2020	3.6	5.0	5.0	5.0	1.8
Tuesday, December 22, 2020	3.8	5.5	5.5	5.5	1.8
Wednesday, December 23, 2020	3.7	5.0	5.0	5.0	1.8
Thursday, December 24, 2020	7.0	7.5	6.5	7.0	1.7
Friday, December 25, 2020					1.7
Saturday, December 26, 2020					1.7
Sunday, December 27, 2020					1.7
Monday, December 28, 2020	5.0	5.0	5.0	5.0	1.8
Tuesday, December 29, 2020	5.5	5.5	5.5	5.0	1.7
Wednesday, December 30, 2020	5.5	5.5	5.5	5.0	1.7
Thursday, December 31, 2020	9.5	10.5	10.0	10.0	5.8

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 12/17/20 due to site closure for snow storm and 12/25/20 due to site closure for holiday.

Table A- 9: Daily Integrated 8-hour Cr+6 Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Friday, January 1, 2021					5.8
Saturday, January 2, 2021					5.8
Sunday, January 3, 2021					5.8
Monday, January 4, 2021	5.0	5.0	5.5	5.0	1.8
Tuesday, January 5, 2021	5.0	5.5	5.5	5.0	1.8
Wednesday, January 6, 2021	5.0	5.5	5.5	5.0	1.8
Thursday, January 7, 2021	5.0	5.0	5.0	4.9	1.8
Friday, January 8, 2021	5.0	5.5	5.5	5.5	0.6
Saturday, January 9, 2021					0.6
Sunday, January 10, 2021					0.6
Monday, January 11, 2021	4.9	5.5	5.5	5.5	1.7
Tuesday, January 12, 2021	5.5	5.5	5.5	5.0	1.8
Wednesday, January 13, 2021	4.9	5.5	5.5	5.0	1.8
Thursday, January 14, 2021	4.9	5.5	5.5	5.5	1.8
Friday, January 15, 2021	5.0	5.5	5.5	5.5	0.6
Saturday, January 16, 2021					0.6
Sunday, January 17, 2021					0.6
Monday, January 18, 2021					1.9
Tuesday, January 19, 2021	4.8	5.5	6.0	5.5	1.8
Wednesday, January 20, 2021	5.0	5.5	5.5	5.5	1.7
Thursday, January 21, 2021	5.5	5.5	5.5	5.0	1.7
Friday, January 22, 2021	4.9	5.5	5.5	5.5	0.6
Saturday, January 23, 2021					0.6
Sunday, January 24, 2021					0.6
Monday, January 25, 2021	5.0	5.5	13.0	5.5	1.7
Tuesday, January 26, 2021	4.6	5.5	5.5	5.0	1.7
Wednesday, January 27, 2021	5.0	5.0	5.5	5.0	1.7
Thursday, January 28, 2021	5.0	5.0	5.0	5.0	1.7
Friday, January 29, 2021	5.0	6.0	6.0	5.5	0.6
Saturday, January 30, 2021					0.6
Sunday, January 31, 2021					0.6

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 1/1/21 & 1/18/21 due to site closure for holiday.

Table A- 10: Daily Integrated 8-hour Cr+6 Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, February 1, 2021					
Tuesday, February 2, 2021					
Wednesday, February 3, 2021					
Thursday, February 4, 2021	5.5	6.5			1.7
Friday, February 5, 2021	6.5	7.0			2.6
Saturday, February 6, 2021					2.6
Sunday, February 7, 2021					2.6
Monday, February 8, 2021	8.5	8.5			1.7
Tuesday, February 9, 2021	4.4	4.9	5.5	5.5	1.6
Wednesday, February 10, 2021	11.0	5.5	5.5	5.5	1.7
Thursday, February 11, 2021	7.0	7.5	7.0	7.0	1.7
Friday, February 12, 2021					2.0
Saturday, February 13, 2021					2.0
Sunday, February 14, 2021					2.0
Monday, February 15, 2021					
Tuesday, February 16, 2021					
Wednesday, February 17, 2021					
Thursday, February 18, 2021					
Friday, February 19, 2021					
Saturday, February 20, 2021					
Sunday, February 21, 2021					
Monday, February 22, 2021					
Tuesday, February 23, 2021					
Wednesday, February 24, 2021					
Thursday, February 25, 2021					
Friday, February 26, 2021					
Saturday, February 27, 2021					
Sunday, February 28, 2021					

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected 2/1/21-2/3/21 due to site closure. Stations 3 & 4 not utilized 2/4/21-2/8/21 for monitoring per AMP Addendum 3. No samples collected after 2/12/21 due to site closure.

Table A- 11: Daily Integrated 8-hour Cr+6 Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, March 1, 2021					
Tuesday, March 2, 2021					
Wednesday, March 3, 2021					
Thursday, March 4, 2021					
Friday, March 5, 2021					
Saturday, March 6, 2021					
Sunday, March 7, 2021					
Monday, March 8, 2021	7.5	4.2	4.1	4.3	1.7
Tuesday, March 9, 2021	4.1	4.0	4.1	4.0	1.8
Wednesday, March 10, 2021	4.1	4.1	4.0	4.2	1.7
Thursday, March 11, 2021	4.3	9.5	4.2	8.7	4.2
Friday, March 12, 2021	4.3	4.2	4.1	4.2	1.3
Saturday, March 13, 2021	6.5	7.0	7.5	7.5	1.3
Sunday, March 14, 2021					1.3
Monday, March 15, 2021	4.0	4.2	4.1	4.2	1.8
Tuesday, March 16, 2021	4.1	4.2	4.2	4.2	1.7
Wednesday, March 17, 2021	4.2	4.1	4.1	4.1	1.7
Thursday, March 18, 2021	4.9	5.0	5.0	5.0	1.7
Friday, March 19, 2021	4.3	4.4	4.4	4.3	1.3
Saturday, March 20, 2021	7.5	7.0	7.0	6.5	1.3
Sunday, March 21, 2021					1.3
Monday, March 22, 2021	4.2	4.3	4.2	4.4	1.8
Tuesday, March 23, 2021					
Wednesday, March 24, 2021					
Thursday, March 25, 2021					
Friday, March 26, 2021					
Saturday, March 27, 2021					
Sunday, March 28, 2021					
Monday, March 29, 2021					
Tuesday, March 30, 2021					

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected 3/1/21-3/7/21 due to site closure. No samples collected after 3/22/21 due to discontinuation of perimeter air monitoring.

Table A- 12: Daily Integrated 8-hour Cr+6 Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Sunday, August 1, 2021					
Monday, August 2, 2021					
Tuesday, August 3, 2021					
Wednesday, August 4, 2021					
Thursday, August 5, 2021					
Friday, August 6, 2021					
Saturday, August 7, 2021					
Sunday, August 8, 2021					
Monday, August 9, 2021					
Tuesday, August 10, 2021					
Wednesday, August 11, 2021					
Thursday, August 12, 2021					
Friday, August 13, 2021	4.9	18.5	30.0		
Saturday, August 14, 2021	4.9				
Sunday, August 15, 2021	4.9				
Monday, August 16, 2021	6.0	26.5	26.5		
Tuesday, August 17, 2021	4.7	14.5	13.5		
Wednesday, August 18, 2021	5.0	15.5	15.5		
Thursday, August 19, 2021	5.0	15.5	17.0		
Friday, August 20, 2021	3.9	15.5	17.0		
Saturday, August 21, 2021	3.9				
Sunday, August 22, 2021	3.9				
Monday, August 23, 2021	5.0	15.5	15.5		
Tuesday, August 24, 2021	5.5	12.0	12.0		
Wednesday, August 25, 2021	5.0	10.5	10.5		
Thursday, August 26, 2021	5.0	13.5	13.5		
Friday, August 27, 2021	5.0	17.0	16.5		
Saturday, August 28, 2021	5.0				
Sunday, August 29, 2021	5.0				
Monday, August 30, 2021	5.0	15.0	15.0		
Tuesday, August 31, 2021	5.0	16.5	16.5		

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected prior to 8/13/21 for the month of August due to discontinuation of perimeter air monitoring. Only AMS1 – AMS3 utilized in the month of August.

Table A- 13: Daily Integrated 8-hour Cr⁺⁶ Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Wednesday, September 1, 2021	5.0	16.0	16.0		
Thursday, September 2, 2021	5.5	21.0	20.5		
Friday, September 3, 2021	5.0	14.0	14.0		
Saturday, September 4, 2021	5.0				
Sunday, September 5, 2021	5.0				
Monday, September 6, 2021	5.0				
Tuesday, September 7, 2021	5.0	16.5	16.5		
Wednesday, September 8, 2021	5.0	16.0	16.0		
Thursday, September 9, 2021	5.0	15.0	15.0		
Friday, September 10, 2021	5.0	16.5	16.5		
Saturday, September 11, 2021	5.0				
Sunday, September 12, 2021	5.0				
Monday, September 13, 2021	5.0	16.0	16.0		
Tuesday, September 14, 2021	5.0	16.5	16.5		
Wednesday, September 15, 2021	5.0	17.0	17.0		
Thursday, September 16, 2021	5.0	16.0	16.0		
Friday, September 17, 2021	5.5	16.0	16.0		
Saturday, September 18, 2021	5.5				
Sunday, September 19, 2021	5.5				
Monday, September 20, 2021	5.0	17.0	17.0		
Tuesday, September 21, 2021	5.0	16.5	16.5		
Wednesday, September 22, 2021	5.0	16.5	16.5		
Thursday, September 23, 2021	7.5	17.0	17.0		
Friday, September 24, 2021	12.0	17.0	17.0		
Saturday, September 25, 2021					
Sunday, September 26, 2021					
Monday, September 27, 2021					
Tuesday, September 28, 2021					
Wednesday, September 29, 2021					
Thursday, September 30, 2021					

Highlighted cells indicate a detectable level of Cr⁺⁶. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: Only AMS1 – AMS3 utilized in the month of September. No samples collected on 9/6/21 due to site closure for holiday. Air monitoring finished after 9/24/21.

Appendix B

Integrated 8-hour Total Particulate Concentrations

Table B- 1: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, January 6, 2020	60.0	60.0	55.0	60.0	
Tuesday, January 7, 2020	55.0	55.0	55.0	55.0	
Wednesday, January 8, 2020	50.0	55.0	55.0	55.0	
Thursday, January 9, 2020	50.0	48.0	55.0	65.0	
Friday, January 10, 2020	50.0	50.0	55.0	120.0	
Saturday, January 11, 2020	50.0				
Sunday, January 12, 2020	50.0				
Monday, January 13, 2020	17.0	55.0	55.0	55.0	
Tuesday, January 14, 2020	17.0	55.0	55.0	55.0	
Wednesday, January 15, 2020	17.0	55.0	55.0	55.0	
Thursday, January 16, 2020	18.0	55.0	55.0	60.0	
Friday, January 17, 2020	60.0	55.0	60.0	55.0	
Saturday, January 18, 2020	60.0				
Sunday, January 19, 2020	60.0				
Monday, January 20, 2020	17.5	55.0	55.0	55.0	
Tuesday, January 21, 2020	17.0	55.0	60.0	55.0	
Wednesday, January 22, 2020	17.5	55.0	55.0	55.0	
Thursday, January 23, 2020	54.0	160.0	55.0	55.0	
Friday, January 24, 2020	12.0	48.5	48.0	50.0	
Saturday, January 25, 2020	12.0				
Sunday, January 26, 2020	12.0				
Monday, January 27, 2020	17.5	55.0	50.0	55.0	
Tuesday, January 28, 2020	17.0	50.0	49.5	55.0	
Wednesday, January 29, 2020	17.0	50.0	49.5	55.0	
Thursday, January 30, 2020	55.0	55.0	55.0	16.0	55.0
Friday, January 31, 2020	50.0	48.5	48.0	40.5	27.0

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. No samples collected at AMS 5 until 1/30/20 when the station was added.

Table B- 2: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Saturday, February 1, 2020					27.0
Sunday, February 2, 2020					27.0
Monday, February 3, 2020	55.0	55.0	50.0	50.0	17.0
Tuesday, February 4, 2020	50.0	50.0	50.0	110.0	16.5
Wednesday, February 5, 2020	50.0	50.0	50.0	50.0	17.0
Thursday, February 6, 2020	55.0	55.0	50.0	50.0	17.0
Friday, February 7, 2020	48.5	48.5	49.5	48.5	5.5
Saturday, February 8, 2020					5.5
Sunday, February 9, 2020					5.5
Monday, February 10, 2020	41.5	43.0	40.5	40.0	17.0
Tuesday, February 11, 2020	36.5	36.5	36.0	37.0	17.0
Wednesday, February 12, 2020	50.0	50.0	50.0	50.0	17.0
Thursday, February 13, 2020	50.0	50.0	50.0	50.0	17.0
Friday, February 14, 2020	50.0	50.0	50.0	50.0	5.5
Saturday, February 15, 2020					5.5
Sunday, February 16, 2020					5.5
Monday, February 17, 2020	50.0	50.0	50.0	50.0	17.0
Tuesday, February 18, 2020	110.0	50.0	50.0	50.0	16.5
Wednesday, February 19, 2020	50.0	50.0	50.0	50.0	17.0
Thursday, February 20, 2020	50.0	55.0	50.0	50.0	17.0
Friday, February 21, 2020	50.0	48.5	50.0	50.0	17.0
Saturday, February 22, 2020					17.0
Sunday, February 23, 2020					17.0
Monday, February 24, 2020	160.0	110.0	39.5	40.5	16.5
Tuesday, February 25, 2020	100.0	36.0	37.5	37.5	17.0
Wednesday, February 26, 2020	99.0	36.5	37.0	37.0	17.5
Thursday, February 27, 2020	55.0	55.0	50.0	55.0	17.0
Friday, February 28, 2020	55.0	55.0	55.0	110.0	5.5
Saturday, February 29, 2020					5.5

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM.

Table B- 3: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5	AMS 6
Sunday, March 1, 2020					5.5	
Monday, March 2, 2020	50.0	50.0	55.0	50.0	17.0	
Tuesday, March 3, 2020	50.0	55.0	55.0	50.0	17.5	
Wednesday, March 4, 2020	50.0	50.0	50.0	50.0	17.0	
Thursday, March 5, 2020	50.0	50.0	49.5	50.0	17.0	
Friday, March 6, 2020	50.0	55.0	55.0	50.0	5.5	
Saturday, March 7, 2020					5.5	
Sunday, March 8, 2020					5.5	
Monday, March 9, 2020	35.5	35.5	35.0	100.0	17.0	35.0
Tuesday, March 10, 2020	36.5	81.0	36.0	37.0	17.0	34.0
Wednesday, March 11, 2020	36.0	73.0	36.0	37.0	17.0	33.0
Thursday, March 12, 2020	50.0	50.0	50.0	50.0	16.5	49.0
Friday, March 13, 2020	50.0	49.5	50.0	50.0	5.5	42.0
Saturday, March 14, 2020					5.5	
Sunday, March 15, 2020					5.5	
Monday, March 16, 2020	25.5	26.0	26.5	26.0	18.0	26.5
Tuesday, March 17, 2020	25.5	25.5	26.5	26.0	17.5	21.5
Wednesday, March 18, 2020	25.0	25.5	26.0	18.5	8.5	24.0
Thursday, March 19, 2020	23.0	22.5	23.0	23.0	14.0	19.5
Friday, March 20, 2020	21.5	75.0	54.0	51.0	12.0	16.0
Saturday, March 21, 2020					12.0	
Sunday, March 22, 2020					12.0	
Monday, March 23, 2020	60.0	60.0	55.0	60.0	17.5	60.0
Tuesday, March 24, 2020	20.5	20.0	20.5	20.5	8.0	20.5
Wednesday, March 25, 2020	19.0	19.5	18.5	19.0	22.0	
Thursday, March 26, 2020	18.5	39.0	18.5	50.0	8.5	
Friday, March 27, 2020	21.0	49.0	23.0	22.5	6.7	
Saturday, March 28, 2020	_				6.7	
Sunday, March 29, 2020					6.7	
Monday, March 30, 2020	25.5	26.0	25.5	26.0	8.5	
Tuesday, March 31, 2020	25.5	25.0	23.5	25.0	8.5	

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM.

Table B- 4: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Wednesday, April 1, 2020	25.0	26.0	26.0	26.0	18.0
Thursday, April 2, 2020	22.5	22.5	23.0	23.0	8.5
Friday, April 3, 2020	29.0	29.0	28.5	28.5	15.0
Saturday, April 4, 2020					15.0
Sunday, April 5, 2020					15.0
Monday, April 6, 2020	26.0	57.0	27.5	27.0	8.5
Tuesday, April 7, 2020	27.0	23.5	27.0	27.0	23.0
Wednesday, April 8, 2020	26.5	26.5	27.5	27.0	28.0
Thursday, April 9, 2020	25.0	25.0	24.5	25.0	8.0
Friday, April 10, 2020	29.5	29.5	29.0	29.0	29.5
Saturday, April 11, 2020					
Sunday, April 12, 2020					
Monday, April 13, 2020					
Tuesday, April 14, 2020					
Wednesday, April 15, 2020					
Thursday, April 16, 2020					
Friday, April 17, 2020					
Saturday, April 18, 2020					
Sunday, April 19, 2020					
Monday, April 20, 2020					
Tuesday, April 21, 2020					
Wednesday, April 22, 2020					
Thursday, April 23, 2020					
Friday, April 24, 2020					
Saturday, April 25, 2020					
Sunday, April 26, 2020					
Monday, April 27, 2020					
Tuesday, April 28, 2020					
Wednesday, April 29, 2020					
Thursday, April 30, 2020					

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected after 4/10/20 due to site closure due to COVID-19 pandemic.

Table B- 5: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, August 31, 2020	46.0	47.0	48.0	48.5	15.5
Tuesday, September 1, 2020	50.0	50.0	55.0	50.0	16.0
Wednesday, September 2, 2020	50.0	55.0	55.0	50.0	15.0
Thursday, September 3, 2020	48.5	50.0	55.0	50.0	14.0
Friday, September 4, 2020	55.0	60.0	60.0	60.0	4.8
Saturday, September 5, 2020					4.8
Sunday, September 6, 2020					4.8
Monday, September 7, 2020					34.0
Tuesday, September 8, 2020	50.0	55.0	55.0	55.0	30.0
Wednesday, September 9, 2020	47.5	55.0	55.0	55.0	32.0
Thursday, September 10, 2020	55.0	50.0	55.0	55.0	14.0
Friday, September 11, 2020	55.0	60.0	60.0	60.0	4.9
Saturday, September 12, 2020					4.9
Sunday, September 13, 2020					4.9
Monday, September 14, 2020	44.5	47.0	48.0	47.0	14.5
Tuesday, September 15, 2020	42.0	44.0	44.5	43.5	14.5
Wednesday, September 16, 2020	43.5	88.0	45.0	44.0	14.5
Thursday, September 17, 2020	34.5	81.0	120.0	36.0	14.0
Friday, September 18, 2020	49.0	50.0	50.0	50.0	4.8
Saturday, September 19, 2020					4.8
Sunday, September 20, 2020					4.8
Monday, September 21, 2020	47.0	50.0	50.0	49.5	33.0
Tuesday, September 22, 2020	55.0	55.0	55.0	55.0	13.0
Wednesday, September 23, 2020	60.0	180.0	65.0	65.0	15.5
Thursday, September 24, 2020	50.0	160.0	140.0	48.5	14.0
Friday, September 25, 2020	50.0	220.0	120.0	49.5	4.7
Saturday, September 26, 2020					4.7
Sunday, September 27, 2020					4.7
Monday, September 28, 2020	42.5	42.0	43.0	42.5	14.5
Tuesday, September 29, 2020	44.0	42.0	41.5	40.0	13.5
Wednesday, September 30, 2020	38.5	37.5	34.0	37.5	13.5

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 9/7/20 due to site closure for holiday.

Table B- 6: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Thursday, October 1, 2020	37.0	35.5	37.5	35.0	28.0
Friday, October 2, 2020	36.0	34.0	36.0	36.0	4.2
Saturday, October 3, 2020					4.2
Sunday, October 4, 2020					4.2
Monday, October 5, 2020	55.0	48.0	48.5	48.0	10.5
Tuesday, October 6, 2020	42.0	37.5	38.0	37.5	9.0
Wednesday, October 7, 2020	50.0	130.0	130.0	45.0	9.0
Thursday, October 8, 2020	55.0	47.5	47.5	47.0	11.5
Friday, October 9, 2020	55.0	90.0	47.0	46.5	21.0
Saturday, October 10, 2020					21.0
Sunday, October 11, 2020					21.0
Monday, October 12, 2020					15.5
Tuesday, October 13, 2020	55.0	48.0	49.0	47.5	13.0
Wednesday, October 14, 2020	55.0	47.0	49.0	49.5	12.5
Thursday, October 15, 2020	55.0	47.0	48.0	47.0	11.5
Friday, October 16, 2020	180.0	48.0	49.0	48.0	3.8
Saturday, October 17, 2020					3.8
Sunday, October 18, 2020					3.8
Monday, October 19, 2020	55.0	47.5	50.0	47.5	10.0
Tuesday, October 20, 2020	55.0	49.0	48.5	46.5	10.0
Wednesday, October 21, 2020	55.0	49.5	50.0	48.0	10.5
Thursday, October 22, 2020	55.0	49.5	50.0	49.0	12.5
Friday, October 23, 2020	55.0	49.5	50.0	50.0	3.8
Saturday, October 24, 2020					3.8
Sunday, October 25, 2020					3.8
Monday, October 26, 2020	60.0	50.0	50.0	55.0	12.5
Tuesday, October 27, 2020	55.0	48.0	49.0	50.0	26.0
Wednesday, October 28, 2020	60.0	50.0	29.5	50.0	11.5
Thursday, October 29, 2020	60.0	50.0	50.0	55.0	11.5
Friday, October 30, 2020	60.0	55.0	50.0	55.0	3.5
Saturday, October 31, 2020				_	3.5

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 10/12/20 due to site closure for holiday.

Table B- 7: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Sunday, November 1, 2020					3.5
Monday, November 2, 2020	55.0	47.5	50.0	48.5	9.0
Tuesday, November 3, 2020	48.0	39.5	40.0	40.5	9.5
Wednesday, November 4, 2020	50.0	44.0	42.5	44.5	10.5
Thursday, November 5, 2020	47.5	47.5	49.5	55.0	15.0
Friday, November 6, 2020	45.0	150.0	48.0	48.0	14.0
Saturday, November 7, 2020					14.0
Sunday, November 8, 2020					14.0
Monday, November 9, 2020	55.0	49.5	41.0	49.5	17.5
Tuesday, November 10, 2020	35.5	48.0	48.5	47.5	21.0
Wednesday, November 11, 2020					21.0
Thursday, November 12, 2020	34.0	50.0	50.0	49.5	16.0
Friday, November 13, 2020	36.5	55.0	50.0	55.0	14.0
Saturday, November 14, 2020					14.0
Sunday, November 15, 2020					14.0
Monday, November 16, 2020	43.5	50.0	50.0	49.0	17.0
Tuesday, November 17, 2020	44.5	50.0	50.0	48.0	16.5
Wednesday, November 18, 2020	35.0	50.0	50.0	48.5	16.5
Thursday, November 19, 2020	35.5	50.0	50.0	50.0	16.5
Friday, November 20, 2020	35.0	48.0	49.0	47.0	5.5
Saturday, November 21, 2020					5.5
Sunday, November 22, 2020					5.5
Monday, November 23, 2020	44.5	49.0	50.0	49.5	17.5
Tuesday, November 24, 2020	30.5	45.0	43.0	42.5	17.5
Wednesday, November 25, 2020	48.0	70.0	70.0	65.0	16.5
Thursday, November 26, 2020					16.5
Friday, November 27, 2020					16.5
Saturday, November 28, 2020					16.5
Sunday, November 29, 2020					16.5
Monday, November 30, 2020	32.5	49.0	49.5	48.0	18.0

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 11/11/20, 11/26/20, & 11/27/20 due to site closure for holiday.

Table B- 8: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Tuesday, December 1, 2020	37.0	50.0	50.0	50.0	17.5
Wednesday, December 2, 2020	36.0	50.0	50.0	50.0	17.0
Thursday, December 3, 2020	36.5	55.0	55.0	55.0	17.0
Friday, December 4, 2020	37.0	50.0	50.0	50.0	5.5
Saturday, December 5, 2020					5.5
Sunday, December 6, 2020					5.5
Monday, December 7, 2020	37.0	50.0	50.0	49.5	17.5
Tuesday, December 8, 2020	33.5	55.0	55.0	50.0	16.5
Wednesday, December 9, 2020	35.0	55.0	55.0	55.0	17.5
Thursday, December 10, 2020	37.0	55.0	50.0	55.0	17.5
Friday, December 11, 2020	34.5	50.0	50.0	49.5	5.5
Saturday, December 12, 2020					5.5
Sunday, December 13, 2020					5.5
Monday, December 14, 2020	35.0	75.0	50.0	50.0	17.0
Tuesday, December 15, 2020	36.0	65.0	55.0	49.0	16.5
Wednesday, December 16, 2020	36.5	55.0	55.0	50.0	16.5
Thursday, December 17, 2020					16.5
Friday, December 18, 2020	38.5	55.0	60.0	55.0	6.0
Saturday, December 19, 2020					6.0
Sunday, December 20, 2020					6.0
Monday, December 21, 2020	35.5	50.0	50.0	49.5	37.0
Tuesday, December 22, 2020	37.5	55.0	55.0	55.0	17.5
Wednesday, December 23, 2020	36.0	50.0	50.0	50.0	17.5
Thursday, December 24, 2020	70.0	70.0	65.0	70.0	38.0
Friday, December 25, 2020					38.0
Saturday, December 26, 2020					38.0
Sunday, December 27, 2020					38.0
Monday, December 28, 2020	50.0	50.0	50.0	49.5	17.5
Tuesday, December 29, 2020	55.0	50.0	50.0	50.0	16.5
Wednesday, December 30, 2020	50.0	50.0	55.0	50.0	16.5
Thursday, December 31, 2020	95.0	100.0	100.0	95.0	46.0

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 12/17/20 due to site closure for snow storm and 12/25/20 due to site closure for holiday.

Table B- 9: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Friday, January 1, 2021					46.0
Saturday, January 2, 2021					46.0
Sunday, January 3, 2021					46.0
Monday, January 4, 2021	50.0	50.0	50.0	48.5	17.5
Tuesday, January 5, 2021	49.5	50.0	50.0	50.0	17.5
Wednesday, January 6, 2021	50.0	55.0	50.0	50.0	17.5
Thursday, January 7, 2021	48.5	50.0	49.5	48.0	17.0
Friday, January 8, 2021	48.0	55.0	55.0	55.0	5.5
Saturday, January 9, 2021					5.5
Sunday, January 10, 2021					5.5
Monday, January 11, 2021	47.5	55.0	55.0	50.0	50.0
Tuesday, January 12, 2021	55.0	55.0	50.0	50.0	43.0
Wednesday, January 13, 2021	47.5	55.0	50.0	50.0	44.0
Thursday, January 14, 2021	48.0	55.0	55.0	55.0	90.0
Friday, January 15, 2021	50.0	50.0	55.0	50.0	5.5
Saturday, January 16, 2021					5.5
Sunday, January 17, 2021					5.5
Monday, January 18, 2021					19.0
Tuesday, January 19, 2021	47.0	55.0	55.0	55.0	17.0
Wednesday, January 20, 2021	48.5	55.0	55.0	50.0	16.0
Thursday, January 21, 2021	55.0	50.0	55.0	50.0	17.0
Friday, January 22, 2021	48.0	50.0	55.0	50.0	55.0
Saturday, January 23, 2021					55.0
Sunday, January 24, 2021					55.0
Monday, January 25, 2021	48.5	55.0	170.0	50.0	16.0
Tuesday, January 26, 2021	44.5	50.0	50.0	50.0	16.5
Wednesday, January 27, 2021	49.0	50.0	55.0	48.5	16.5
Thursday, January 28, 2021	50.0	50.0	50.0	49.0	16.0
Friday, January 29, 2021	49.5	60.0	60.0	55.0	5.5
Saturday, January 30, 2021					5.5
Sunday, January 31, 2021					5.5

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected at AMS1 – AMS4 1/1/21 & 1/18/21 due to site closure for holiday.

Table B- 10: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, February 1, 2021					
Tuesday, February 2, 2021					
Wednesday, February 3, 2021					
Thursday, February 4, 2021	55.0	65.0			16.0
Friday, February 5, 2021	65.0	70.0			14.0
Saturday, February 6, 2021					14.0
Sunday, February 7, 2021					14.0
Monday, February 8, 2021	85.0	85.0			17.0
Tuesday, February 9, 2021	43.0	47.5	55.0	55.0	15.5
Wednesday, February 10, 2021	48.0	55.0	55.0	55.0	16.5
Thursday, February 11, 2021	70.0	75.0	70.0	70.0	16.5
Friday, February 12, 2021					5.0
Saturday, February 13, 2021					5.0
Sunday, February 14, 2021					5.0
Monday, February 15, 2021					
Tuesday, February 16, 2021					
Wednesday, February 17, 2021					
Thursday, February 18, 2021					
Friday, February 19, 2021					
Saturday, February 20, 2021					
Sunday, February 21, 2021					
Monday, February 22, 2021					
Tuesday, February 23, 2021					
Wednesday, February 24, 2021					
Thursday, February 25, 2021					
Friday, February 26, 2021					
Saturday, February 27, 2021					
Sunday, February 28, 2021					

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected 2/1/21-2/3/21 due to site closure. Stations 3 & 4 not utilized 2/4/21-2/8/21 for monitoring per AMP Addendum 3. No samples collected after 2/12/21 due to site closure.

Table B- 11: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Monday, March 1, 2021					
Tuesday, March 2, 2021					
Wednesday, March 3, 2021					
Thursday, March 4, 2021					
Friday, March 5, 2021					
Saturday, March 6, 2021					
Sunday, March 7, 2021					
Monday, March 8, 2021	75.0	41.5	40.0	41.5	16.5
Tuesday, March 9, 2021	39.5	39.0	40.0	39.0	17.0
Wednesday, March 10, 2021	39.5	39.5	39.0	40.5	17.0
Thursday, March 11, 2021	42.0	93.0	41.0	41.0	41.0
Friday, March 12, 2021	41.5	40.5	40.0	88.0	16.0
Saturday, March 13, 2021	65.0	65.0	70.0	70.0	16.0
Sunday, March 14, 2021					16.0
Monday, March 15, 2021	38.5	40.5	40.0	40.5	17.0
Tuesday, March 16, 2021	40.0	41.0	41.0	40.5	16.5
Wednesday, March 17, 2021	40.5	40.0	170.0	40.5	16.5
Thursday, March 18, 2021	48.0	49.0	49.0	50.0	17.0
Friday, March 19, 2021	42.0	43.0	42.5	42.0	12.5
Saturday, March 20, 2021	70.0	70.0	70.0	65.0	12.5
Sunday, March 21, 2021					12.5
Monday, March 22, 2021	41.0	41.5	41.0	42.5	18.0
Tuesday, March 23, 2021					
Wednesday, March 24, 2021					
Thursday, March 25, 2021					
Friday, March 26, 2021					
Saturday, March 27, 2021					
Sunday, March 28, 2021					
Monday, March 29, 2021					
Tuesday, March 30, 2021					
Wednesday, March 31, 2021					

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: No samples collected 3/1/21-3/7/21 due to site closure. No samples collected after 3/22/21 due to discontinuation of perimeter air monitoring.

Table B- 12: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Sunday, August 1, 2021					
Monday, August 2, 2021					
Tuesday, August 3, 2021					
Wednesday, August 4, 2021					
Thursday, August 5, 2021					
Friday, August 6, 2021					
Saturday, August 7, 2021					
Sunday, August 8, 2021					
Monday, August 9, 2021					
Tuesday, August 10, 2021					
Wednesday, August 11, 2021					
Thursday, August 12, 2021					
Friday, August 13, 2021	59.0	140.0	50.0		
Saturday, August 14, 2021	59.0				
Sunday, August 15, 2021	59.0				
Monday, August 16, 2021	59.0	44.0	44.0		
Tuesday, August 17, 2021	71.0	71.0	23.0		
Wednesday, August 18, 2021	8.5	26.0	59.0		
Thursday, August 19, 2021	8.5	26.0	28.5		
Friday, August 20, 2021	46.0	26.0	28.5		
Saturday, August 21, 2021	46.0				
Sunday, August 22, 2021	46.0				
Monday, August 23, 2021	19.0	25.5	25.5		
Tuesday, August 24, 2021	9.0	45.0	44.0		
Wednesday, August 25, 2021	36.0	48.0	45.0		
Thursday, August 26, 2021	21.0	66.0	72.0		
Friday, August 27, 2021	29.0	87.0	83.0		
Saturday, August 28, 2021	29.0				
Sunday, August 29, 2021	29.0				
Monday, August 30, 2021	8.5	50.0	72.0		
Tuesday, August 31, 2021	18.0	27.0	27.0		

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM.

Note: No samples collected prior to 8/13/21 for the month of August due to discontinuation of perimeter air monitoring. Only AMS1 – AMS3 utilized in the month of August.

Table B- 13: Daily Integrated 8-hour Total Particulate Sampling Results

Date of Sample	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5
Wednesday, September 1, 2021	43.0	55.0	26.5		
Thursday, September 2, 2021	9.0	34.5	34.5		
Friday, September 3, 2021	8.5	23.0	23.0		
Saturday, September 4, 2021	8.5				
Sunday, September 5, 2021	8.5				
Monday, September 6, 2021	8.5				
Tuesday, September 7, 2021	50.0	88.0	120.0		
Wednesday, September 8, 2021	8.5	130.0	26.5		
Thursday, September 9, 2021	8.5	25.5	25.5		
Friday, September 10, 2021	8.5	27.5	27.0		
Saturday, September 11, 2021	8.5				
Sunday, September 12, 2021	8.5				
Monday, September 13, 2021	35.0	67.0	68.0		
Tuesday, September 14, 2021	8.5	60.0	27.5		
Wednesday, September 15, 2021	25.0	87.0	87.0		
Thursday, September 16, 2021	8.5	26.5	26.5		
Friday, September 17, 2021	18.0	26.5	26.5		
Saturday, September 18, 2021	18.0				
Sunday, September 19, 2021	18.0				
Monday, September 20, 2021	46.0	84.0	68.0		
Tuesday, September 21, 2021	8.5	27.5	27.5		
Wednesday, September 22, 2021	35.0	98.0	27.5		
Thursday, September 23, 2021	68.0	88.0	59.0		
Friday, September 24, 2021	58.0	28.0	28.0		
Saturday, September 25, 2021					
Sunday, September 26, 2021					
Monday, September 27, 2021					
Tuesday, September 28, 2021					
Wednesday, September 29, 2021					
Thursday, September 30, 2021					

Highlighted cells indicate a detectable level of total particulate. All other values are below the laboratory method detection limit (MDL).

Values below the MDL are shown in the table at one-half the MDL for data reporting purposes. This established practice is consistent with PPG's Site 114 reporting of non-detects by AECOM. Note: Only AMS1 – AMS3 utilized in the month of September. No samples collected on 9/6/21 due to site closure for holiday. Air monitoring finished after 9/24/21.

Appendix C

Real-time PM¹⁰ Readings

Figure C- 1: Real-Time 15-minute average PM₁₀ Monitoring Results

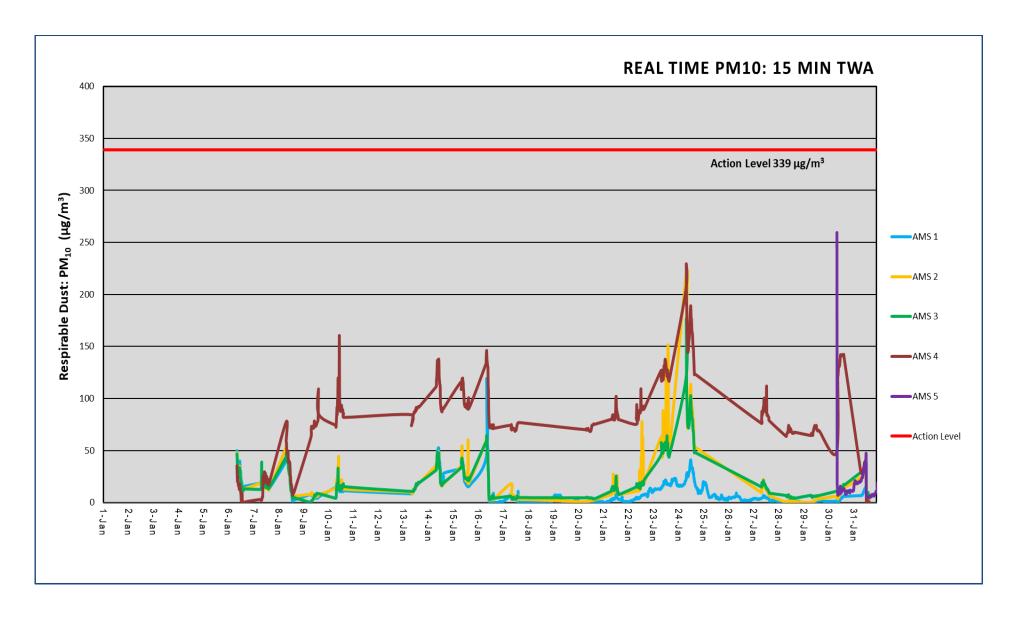


Figure C- 2: Real-Time 15-minute average PM₁₀ Monitoring Results

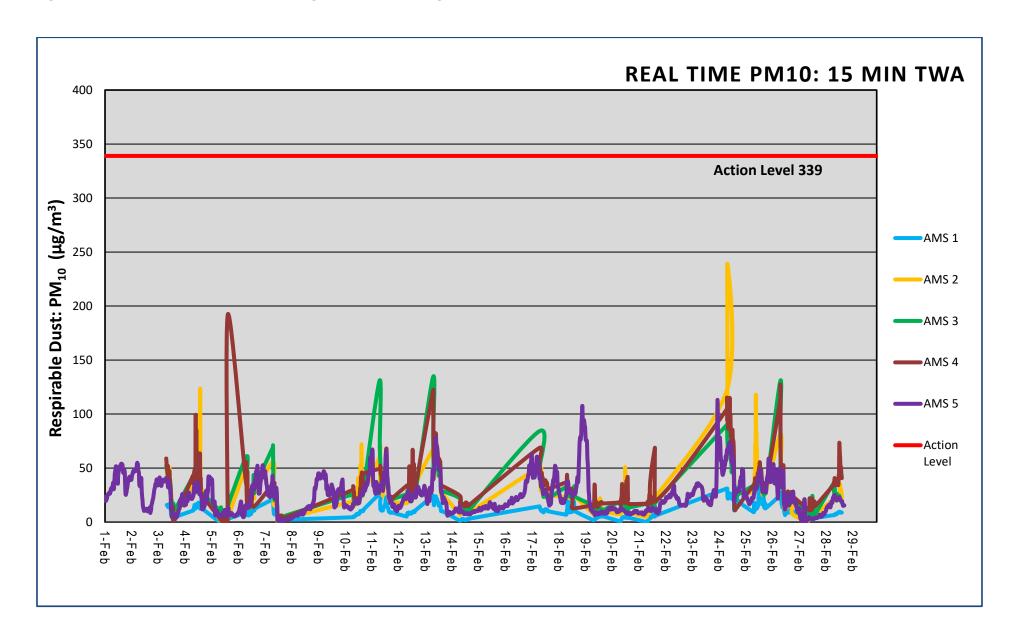


Figure C- 3: Real-Time 15-minute average PM₁₀ Monitoring Results

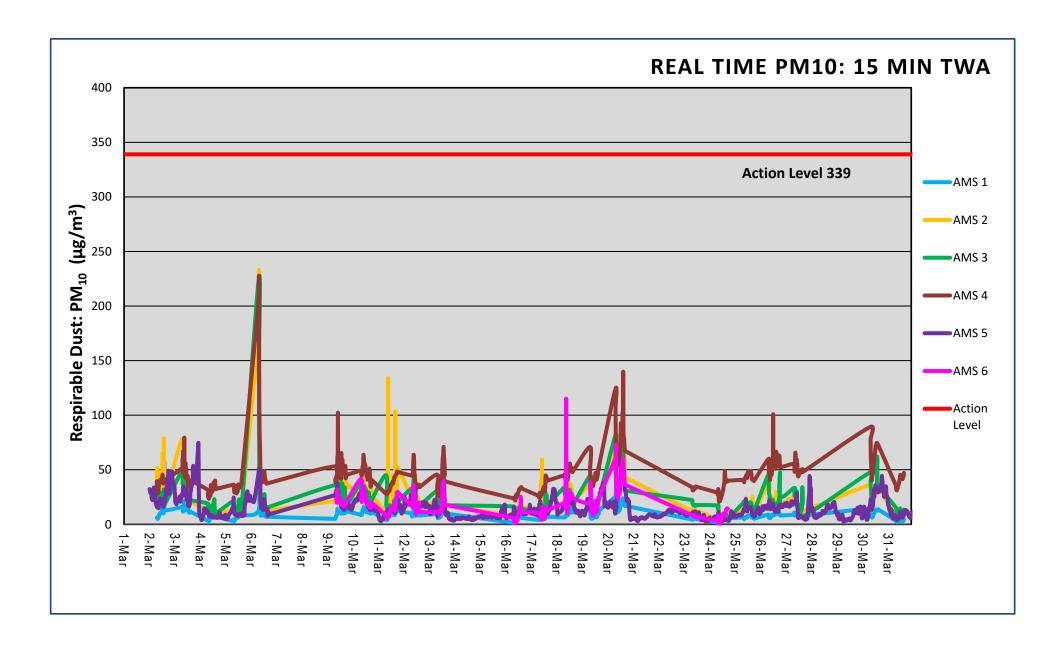


Figure C- 4: Real-Time 15-minute average PM₁₀ Monitoring Results

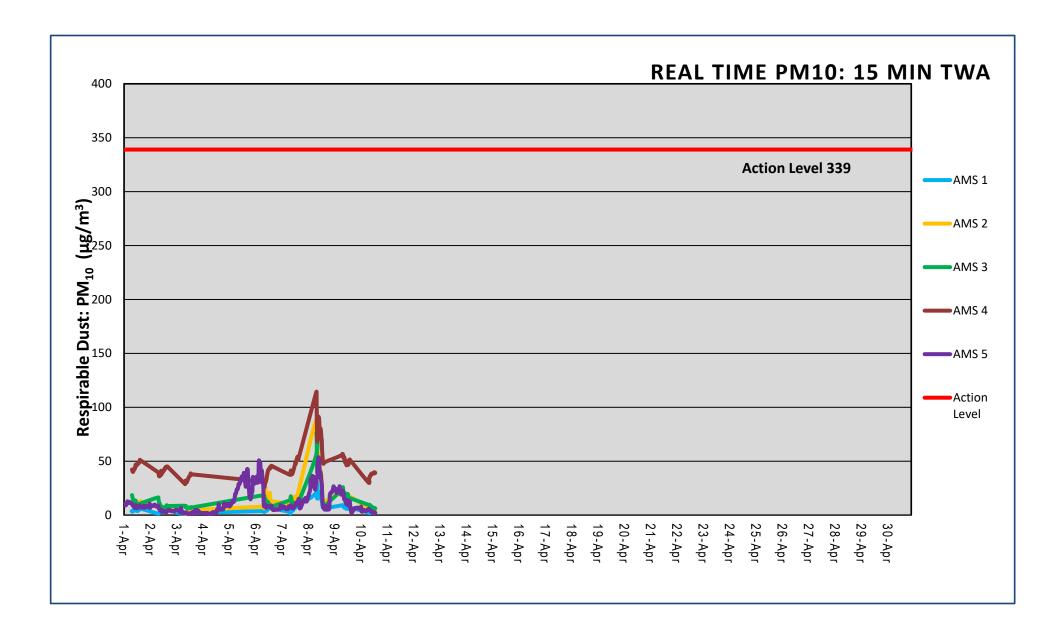


Figure C- 5: Real-Time 15-minute average PM₁₀ Monitoring Results

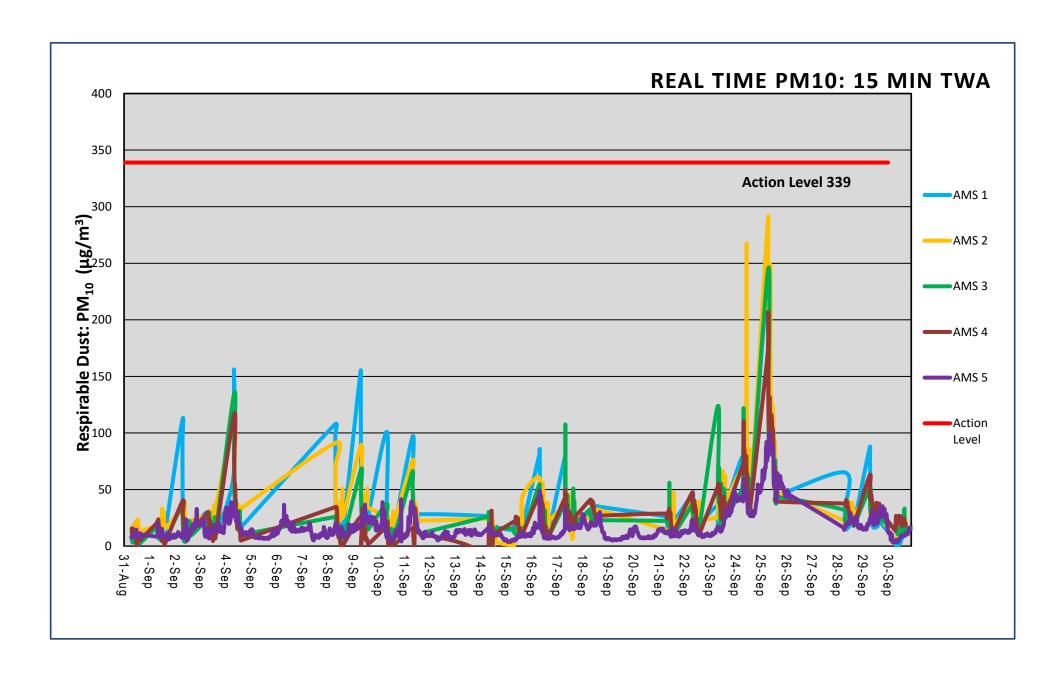


Figure C- 6: Real-Time 15-minute average PM₁₀ Monitoring Results

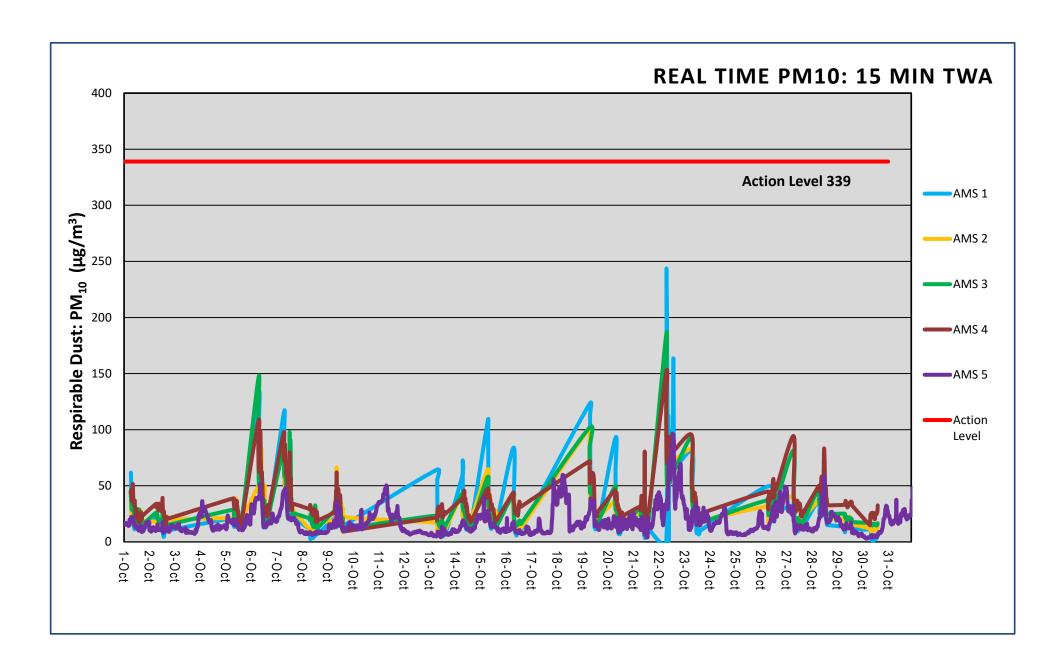


Figure C- 7: Real-Time 15-minute average PM₁₀ Monitoring Results

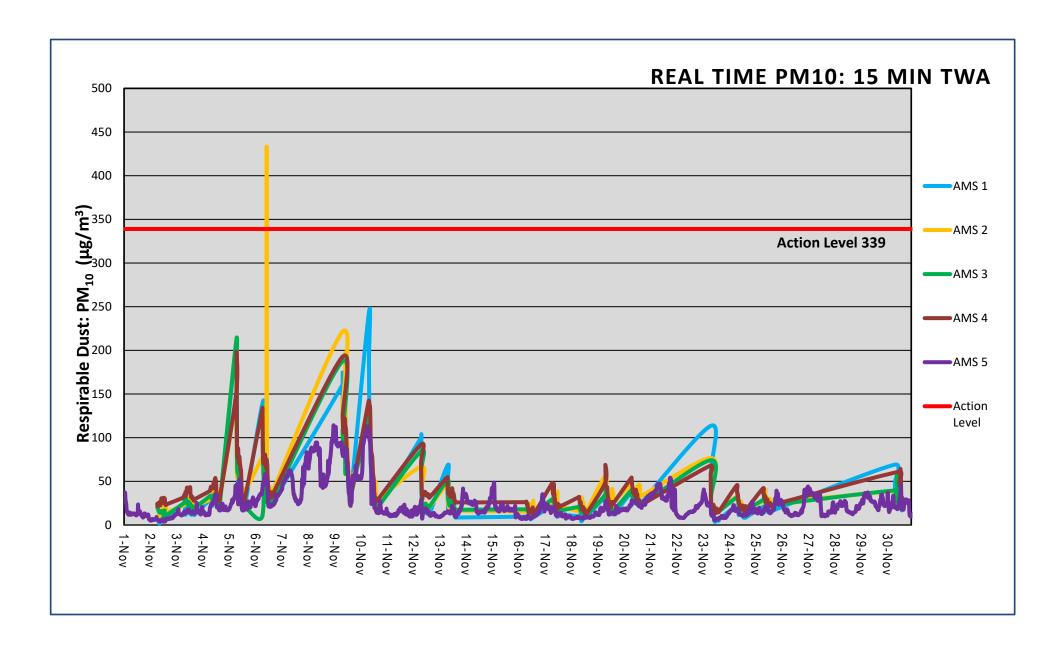


Figure C- 8: Real-Time 15-minute average PM₁₀ Monitoring Results

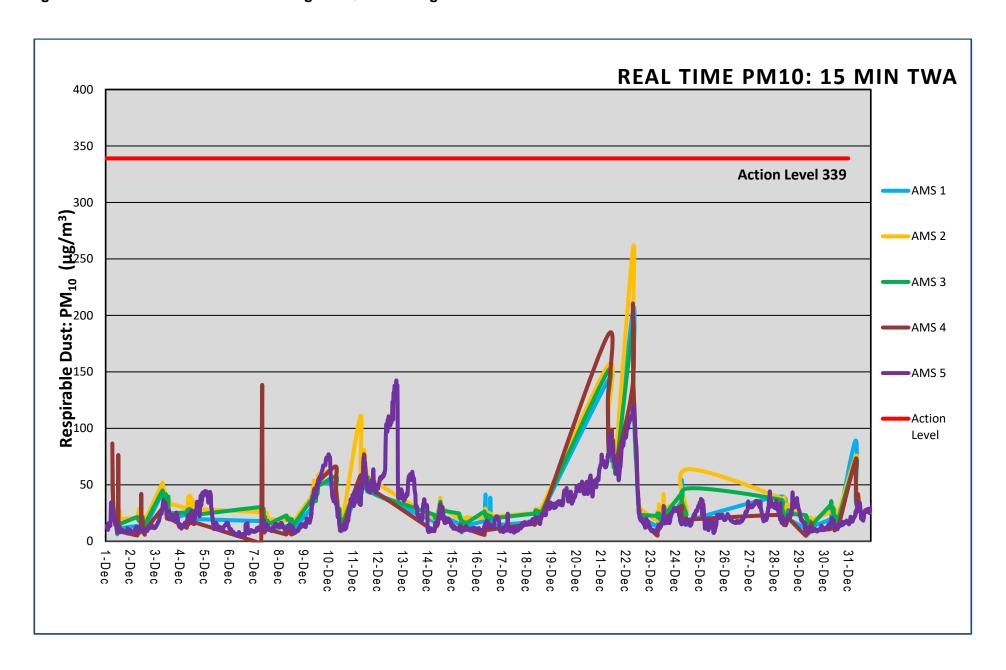


Figure C- 9: Real-Time 15-minute average PM₁₀ Monitoring Results

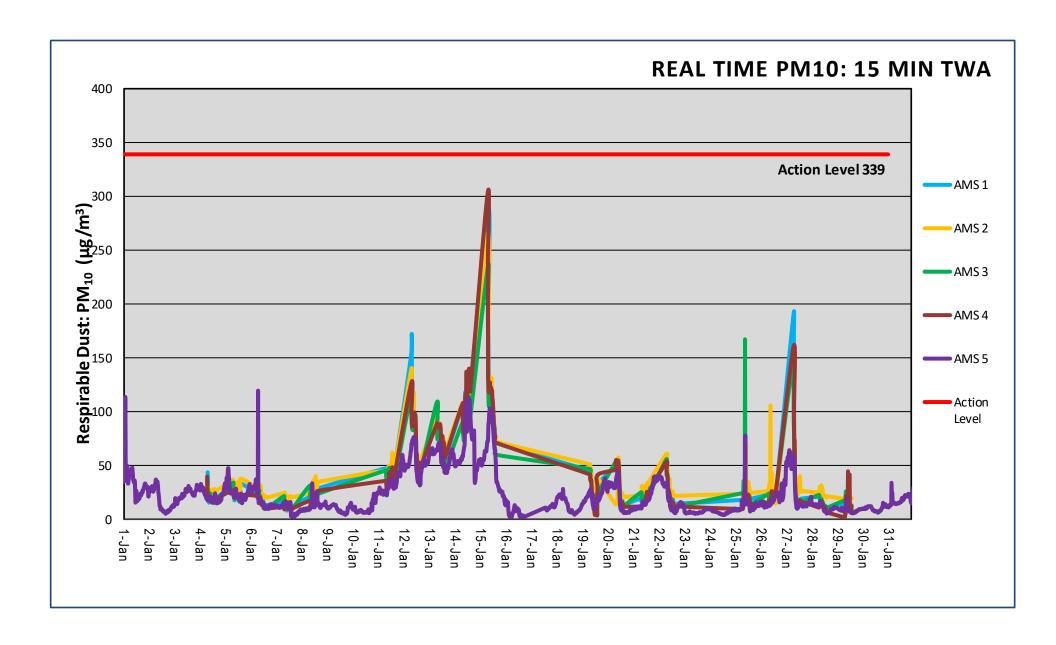


Figure C- 10: Real-Time 15-minute average PM₁₀ Monitoring Results

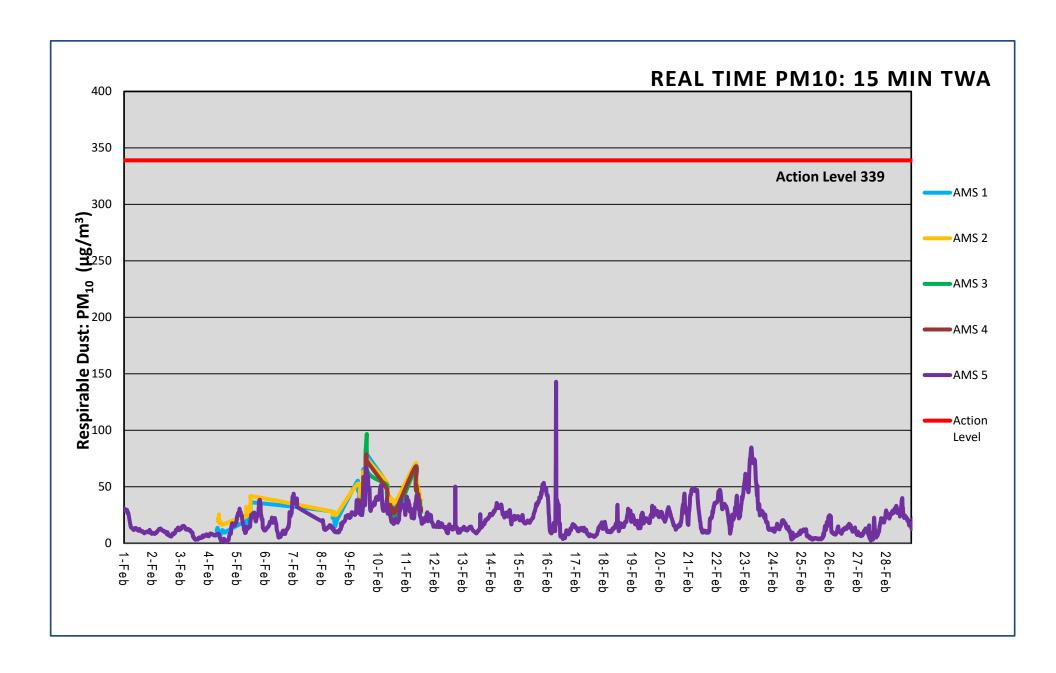


Figure C- 11: Real-Time 15-minute average PM₁₀ Monitoring Results

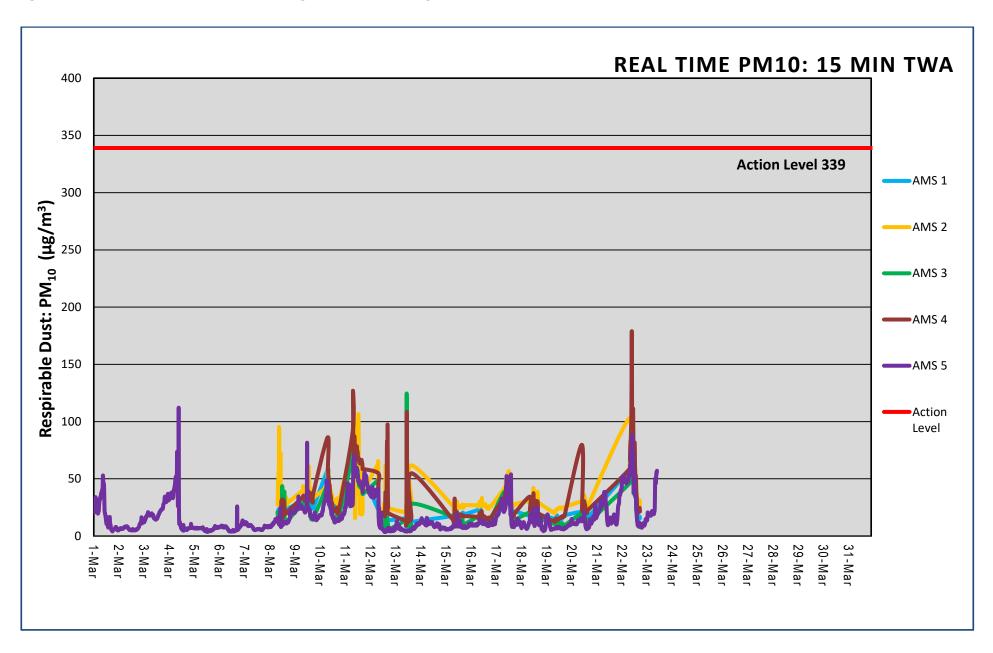


Figure C- 12: Real-Time 15-minute average PM₁₀ Monitoring Results

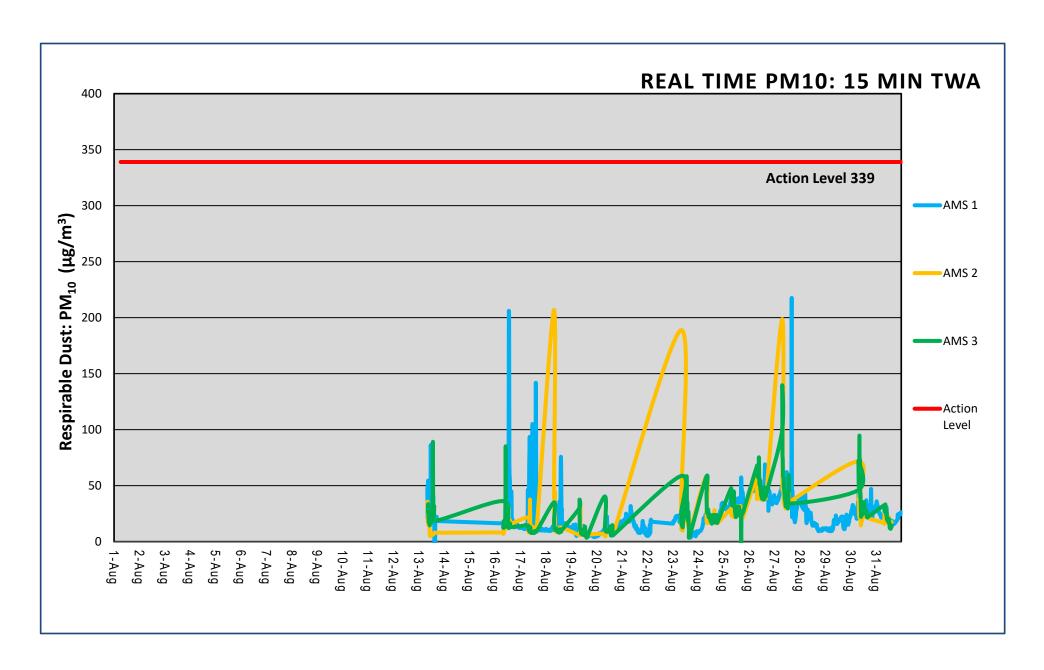
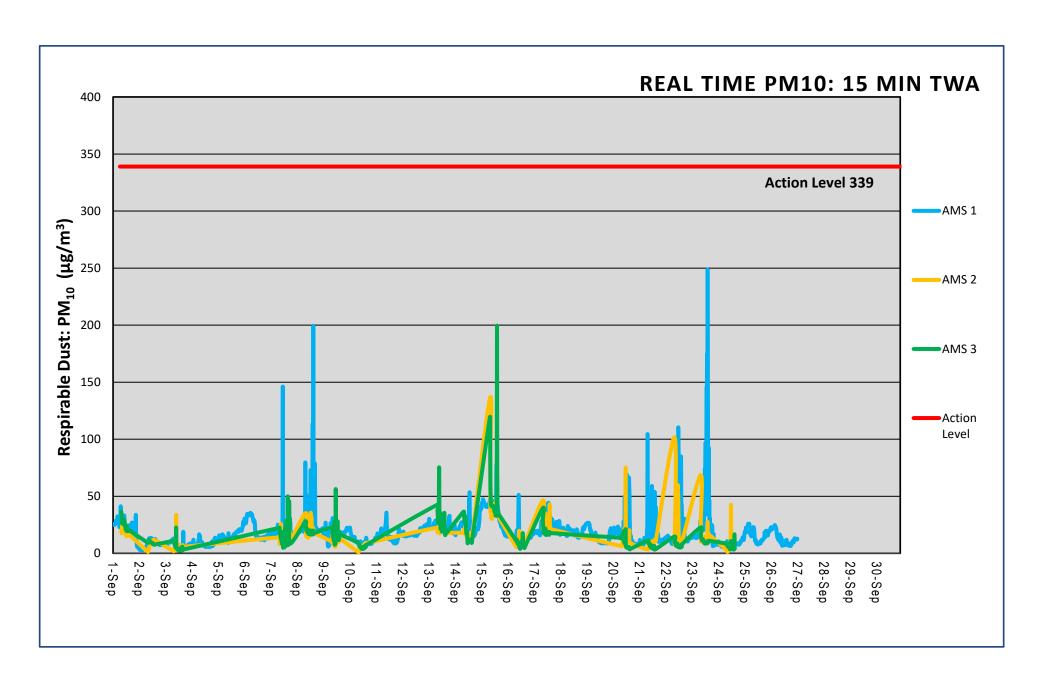


Figure C- 13: Real-Time 15-minute average PM₁₀ Monitoring Results



Appendix D

Hand-held Readings

Table D-1: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Monday, January 6, 2020	129	10:00	AMS 3
Tuesday, January 7, 2020	104	10:00	AMS 1
Wednesday, January 8, 2020	188	9:00	AMS 2
Thursday, January 9, 2020	92	9:00	AMS 2
Friday, January 10, 2020	151	14:00	AMS 4
Saturday, January 11, 2020	N/A	N/A	N/A
Sunday, January 12, 2020	N/A	N/A	N/A
Monday, January 13, 2020	93	12:00	AMS 1
Tuesday, January 14, 2020	195	8:00	AMS 1
Wednesday, January 15, 2020	184	8:00	AMS 1
Thursday, January 16, 2020	188	7:00	AMS 1
Friday, January 17, 2020	45	8:00	AMS 2
Saturday, January 18, 2020	N/A	N/A	N/A
Sunday, January 19, 2020	N/A	N/A	N/A
Monday, January 20, 2020	83	11:00	AMS1
Tuesday, January 21, 2020	102	11:00	AMS1
Wednesday, January 22, 2020	76	15:00	AMS2
Thursday, January 23, 2020	236	12:00	AMS2
Friday, January 24, 2020	431	11:00	AMS4
Saturday, January 25, 2020	N/A	N/A	N/A
Sunday, January 26, 2020	N/A	N/A	N/A
Monday, January 27, 2020	63	11:00	AMS3
Tuesday, January 28, 2020	62	12:00	AMS3
Wednesday, January 29, 2020	23	15:00	AMS2
Thursday, January 30, 2020	102	14:00	AMS3
Friday, January 31, 2020	77	10:00	AMS1

Table D-2: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Saturday, February 1, 2020	N/A	N/A	N/A
Sunday, February 2, 2020	N/A	N/A	N/A
Monday, February 3, 2020	197	10:00	AMS 2
Tuesday, February 4, 2020	162	12:00	AMS 4
Wednesday, February 5, 2020	82	8:00	AMS 4
Thursday, February 6, 2020	88	11:00	AMS 4
Friday, February 7, 2020	80	14:00	AMS 2
Saturday, February 8, 2020	N/A	N/A	N/A
Sunday, February 9, 2020	N/A	N/A	N/A
Monday, February 10, 2020	62	14:00	AMS1
Tuesday, February 11, 2020	287	13:00	AMS2
Wednesday, February 12, 2020	122	13:00	AMS2
Thursday, February 13, 2020	216	10:00	AMS1
Friday, February 14, 2020	35	13:00	AMS2
Saturday, February 15, 2020	N/A	N/A	N/A
Sunday, February 16, 2020	N/A	N/A	N/A
Monday, February 17, 2020	127	6:30	AMS 4
Tuesday, February 18, 2020	89	7:00	AMS 3
Wednesday, February 19, 2020	45	15:00	AMS 4
Thursday, February 20, 2020	51	0.625	AMS 3
Friday, February 21, 2020	46	0.5	AMS 2
Saturday, February 22, 2020	N/A	N/A	N/A
Sunday, February 23, 2020	N/A	N/A	N/A
Monday, February 24, 2020	238	10:00	AMS 1
Tuesday, February 25, 2020	146	11:00	AMS 3
Wednesday, February 26, 2020	163	7:00	AMS 4
Thursday, February 27, 2020	31	10:00	AMS 1
Friday, February 28, 2020	96	13:00	AMS 1
Saturday, February 29, 2020	N/A	N/A	N/A

Table D-3: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Sunday, March 1, 2020	N/A	N/A	N/A
Monday, March 2, 2020	101	12:00	AMS 2
Tuesday, March 3, 2020	137	10:00	AMS 1
Wednesday, March 4, 2020	31	8:00	AMS 3
Thursday, March 5, 2020	82	14:00	AMS 3
Friday, March 6, 2020	175	7:00	AMS 4
Saturday, March 7, 2020	N/A	N/A	N/A
Sunday, March 8, 2020	N/A	N/A	N/A
Monday, March 9, 2020	117	15:00	AMS 3
Tuesday, March 10, 2020	123	10:00	AMS 6
Wednesday, March 11, 2020	117	17:00	AMS 6
Thursday, March 12, 2020	124	9:00	AMS 2
Friday, March 13, 2020	223	12:00	AMS 3
Saturday, March 14, 2020	N/A	N/A	N/A
Sunday, March 15, 2020	N/A	N/A	N/A
Monday, March 16, 2020	76	12:00	AMS 3
Tuesday, March 17, 2020	83	13:00	AMS 2
Wednesday, March 18, 2020	124	11:00	AMS 1
Thursday, March 19, 2020	105	13:00	AMS 2
Friday, March 20, 2020	238	14:00	AMS 6
Saturday, March 21, 2020	N/A	N/A	N/A
Sunday, March 22, 2020	N/A	N/A	N/A
Monday, March 23, 2020	130	7:00	AMS 2
Tuesday, March 24, 2020	60	7:00	AMS 2
Wednesday, March 25, 2020	86	15:00	AMS 2
Thursday, March 26, 2020	24	18:00	AMS 4
Friday, March 27, 2020	58	14:00	AMS 4
Saturday, March 28, 2020	N/A	N/A	N/A
Sunday, March 29, 2020	N/A	N/A	N/A
Monday, March 30, 2020	88	9:00	AMS 4
Tuesday, March 31, 2020	50	11:00	AMS 4

Table D-4: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM₁₀ (μg/m³)	Time	Location
Wednesday, April 1, 2020	51	11:00	AMS 3
Thursday, April 2, 2020	38	11:00	AMS 3
Friday, April 3, 2020	66	12:00	AMS 3
Saturday, April 4, 2020	N/A	N/A	N/A
Sunday, April 5, 2020	N/A	N/A	N/A
Monday, April 6, 2020	53	14:00	AMS 2
Tuesday, April 7, 2020	62	10:00	AMS 3
Wednesday, April 8, 2020	40	13:00	AMS 2
Thursday, April 9, 2020	43	8:00	AMS 4
Friday, April 10, 2020	32	11:00	AMS 1
Saturday, April 11, 2020	N/A	N/A	N/A
Sunday, April 12, 2020	N/A	N/A	N/A
Monday, April 13, 2020	N/A	N/A	N/A
Tuesday, April 14, 2020	N/A	N/A	N/A
Wednesday, April 15, 2020	N/A	N/A	N/A
Thursday, April 16, 2020	N/A	N/A	N/A
Friday, April 17, 2020	N/A	N/A	N/A
Saturday, April 18, 2020	N/A	N/A	N/A
Sunday, April 19, 2020	N/A	N/A	N/A
Monday, April 20, 2020	N/A	N/A	N/A
Tuesday, April 21, 2020	N/A	N/A	N/A
Wednesday, April 22, 2020	N/A	N/A	N/A
Thursday, April 23, 2020	N/A	N/A	N/A
Friday, April 24, 2020	N/A	N/A	N/A
Saturday, April 25, 2020	N/A	N/A	N/A
Sunday, April 26, 2020	N/A	N/A	N/A
Monday, April 27, 2020	N/A	N/A	N/A
Tuesday, April 28, 2020	N/A	N/A	N/A
Wednesday, April 29, 2020	N/A	N/A	N/A
Thursday, April 30, 2020	N/A	N/A	N/A

Note: No monitoring conducted after 4/10/20 due to site closure due to COVID-19 pandemic.

Table D-5: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Monday, August 31, 2020	40	10:00	AMS 5
Tuesday, September 1, 2020	30	14:00	AMS 5
Wednesday, September 2, 2020	31	9:00	AMS 3
Thursday, September 3, 2020	37	9:00	AMS 3
Friday, September 4, 2020	112	12:00	AMS 3
Saturday, September 5, 2020	N/A	N/A	N/A
Sunday, September 6, 2020	N/A	N/A	N/A
Monday, September 7, 2020	N/A	N/A	N/A
Tuesday, September 8, 2020	61	7:00	AMS 4
Wednesday, September 9, 2020	66	7:00	AMS 4
Thursday, September 10, 2020	41	11:00	AMS 3
Friday, September 11, 2020	71	8:00	AMS 5
Saturday, September 12, 2020	N/A	N/A	N/A
Sunday, September 13, 2020	N/A	N/A	N/A
Monday, September 14, 2020	64	12:00	AMS 1
Tuesday, September 15, 2020	27	9:00	AMS 4
Wednesday, September 16, 2020	77	11:00	AMS 2
Thursday, September 17, 2020	80	9:00	AMS 2
Friday, September 18, 2020	54	11:00	AMS 2
Saturday, September 19, 2020	N/A	N/A	N/A
Sunday, September 20, 2020	N/A	N/A	N/A
Monday, September 21, 2020	88	9:00	AMS 4
Tuesday, September 22, 2020	50	11:00	AMS 4
Wednesday, September 23, 2020	51	11:00	AMS 3
Thursday, September 24, 2020	38	11:00	AMS 3
Friday, September 25, 2020	66	12:00	AMS 3
Saturday, September 26, 2020	N/A	N/A	N/A
Sunday, September 27, 2020	N/A	N/A	N/A
Monday, September 28, 2020	54	12:00	AMS 5
Tuesday, September 29, 2020	69	15:00	AMS 5
Wednesday, September 30, 2020	54	15:00	AMS 4

Note: No monitoring conducted on 9/7/20 due to site closure for holiday.

Table D-6: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Thursday, October 1, 2020	69	8:00	AMS 4
Friday, October 2, 2020	33	7:00	AMS 4
Saturday, October 3, 2020	N/A	N/A	N/A
Sunday, October 4, 2020	N/A	N/A	N/A
Monday, October 5, 2020	33	9:00	AMS 3
Tuesday, October 6, 2020	81	9:00	AMS 2
Wednesday, October 7, 2020	102	7:00	AMS 2
Thursday, October 8, 2020	24	7:00	AMS 3
Friday, October 9, 2020	35	8:00	AMS 3
Saturday, October 10, 2020	N/A	N/A	N/A
Sunday, October 11, 2020	N/A	N/A	N/A
Monday, October 12, 2020	N/A	N/A	N/A
Tuesday, October 13, 2020	13	11:00	AMS 5
Wednesday, October 14, 2020	56	8:00	AMS 4
Thursday, October 15, 2020	39	7:00	AMS 4
Friday, October 16, 2020	12	11:00	AMS 5
Saturday, October 17, 2020	N/A	N/A	N/A
Sunday, October 18, 2020	N/A	N/A	N/A
Monday, October 19, 2020	61	7:00	AMS 4
Tuesday, October 20, 2020	29	7:00	AMS 1
Wednesday, October 21, 2020	19	14:00	AMS 2
Thursday, October 22, 2020	189	13:00	AMS 1
Friday, October 23, 2020	39	9:00	AMS 2
Saturday, October 24, 2020	N/A	N/A	N/A
Sunday, October 25, 2020	N/A	N/A	N/A
Monday, October 26, 2020	69	12:00	AMS 1
Tuesday, October 27, 2020	22	10:00	AMS 4
Wednesday, October 28, 2020	76	11:00	AMS 1
Thursday, October 29, 2020	27	13:00	AMS 5
Friday, October 30, 2020	11	12:00	AMS 2
Saturday, October 31, 2020	N/A	N/A	N/A

Note: No monitoring conducted on 10/12/20 due to site closure for holiday.

Table D-7: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM10 (μg/m³)	Time	Location
Sunday, November 1, 2020	N/A	N/A	N/A
Monday, November 2, 2020	69	12:00	AMS 1
Tuesday, November 3, 2020	22	10:00	AMS 4
Wednesday, November 4, 2020	76	11:00	AMS 1
Thursday, November 5, 2020	27	13:00	AMS 5
Friday, November 6, 2020	11	12:00	AMS 2
Saturday, November 7, 2020	N/A	N/A	N/A
Sunday, November 8, 2020	N/A	N/A	N/A
Monday, November 9, 2020	176	8:00	AMS 3
Tuesday, November 10, 2020	172	7:00	AMS 1
Wednesday, November 11, 2020	N/A	N/A	N/A
Thursday, November 12, 2020	24	9:00	AMS 4
Friday, November 13, 2020	26	9:00	AMS 2
Saturday, November 14, 2020	N/A	N/A	N/A
Sunday, November 15, 2020	N/A	N/A	N/A
Monday, November 16, 2020	17	10:00	AMS 3
Tuesday, November 17, 2020	21	11:00	AMS 2
Wednesday, November 18, 2020	15	11:00	AMS 5
Thursday, November 19, 2020	35	10:00	AMS 2
Friday, November 20, 2020	45	7:00	AMS 4
Saturday, November 21, 2020	N/A	N/A	N/A
Sunday, November 22, 2020	N/A	N/A	N/A
Monday, November 23, 2020	150	13:00	AMS 5
Tuesday, November 24, 2020	47	7:00	AMS 1
Wednesday, November 25, 2020	70	7:00	AMS 4
Thursday, November 26, 2020	N/A	N/A	N/A
Friday, November 27, 2020	N/A	N/A	N/A
Saturday, November 28, 2020	N/A	N/A	N/A
Sunday, November 29, 2020	N/A	N/A	N/A
Monday, November 30, 2020	64	7:00	AMS 3

Note: No monitoring conducted on 11/11/20, 11/26/20, & 11/27/20 due to site closure for holiday.

Table D-8: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM10 (μg/m³)	Time	Location
Tuesday, December 1, 2020	42	8:00	AMS 3
Wednesday, December 2, 2020	22	7:00	AMS 4
Thursday, December 3, 2020	71	7:00	AMS 1
Friday, December 4, 2020	45	13:00	AMS 3
Saturday, December 5, 2020	N/A	N/A	N/A
Sunday, December 6, 2020	N/A	N/A	N/A
Monday, December 7, 2020	115	7:00	AMS 4
Tuesday, December 8, 2020	21	9:00	AMS 2
Wednesday, December 9, 2020	68	14:00	AMS 3
Thursday, December 10, 2020	71	7:00	AMS 2
Friday, December 11, 2020	102	10:00	AMS 3
Saturday, December 12, 2020	N/A	N/A	N/A
Sunday, December 13, 2020	N/A	N/A	N/A
Monday, December 14, 2020	27	9:00	AMS 2
Tuesday, December 15, 2020	21	11:00	AMS 4
Wednesday, December 16, 2020	59	8:00	AMS 1
Thursday, December 17, 2020	N/A	N/A	N/A
Friday, December 18, 2020	25	9:00	AMS 2
Saturday, December 19, 2020	N/A	N/A	N/A
Sunday, December 20, 2020	N/A	N/A	N/A
Monday, December 21, 2020	162	9:00	AMS 2
Tuesday, December 22, 2020	186	7:00	AMS 4
Wednesday, December 23, 2020	21	11:00	AMS 2
Thursday, December 24, 2020	91	8:00	AMS 3
Friday, December 25, 2020	N/A	N/A	N/A
Saturday, December 26, 2020	N/A	N/A	N/A
Sunday, December 27, 2020	N/A	N/A	N/A
Monday, December 28, 2020	61	10:00	AMS 2
Tuesday, December 29, 2020	23	7:00	AMS 1
Wednesday, December 30, 2020	45	8:00	AMS 3
Thursday, December 31, 2020	81	7:00	AMS 1

Note: No monitoring conducted on 12/17/20 due to site closure for snow storm and 12/25/20 due to site closure for holiday.

Table D-9: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Friday, January 1, 2021	N/A	N/A	N/A
Saturday, January 2, 2021	N/A	N/A	N/A
Sunday, January 3, 2021	N/A	N/A	N/A
Monday, January 4, 2021	50	10:00	AMS 4
Tuesday, January 5, 2021	37	7:00	AMS 4
Wednesday, January 6, 2021	71	8:00	AMS 3
Thursday, January 7, 2021	18	7:00	AMS 4
Friday, January 8, 2021	35	10:00	AMS 5
Saturday, January 9, 2021	N/A	N/A	N/A
Sunday, January 10, 2021	N/A	N/A	N/A
Monday, January 11, 2021	61	12:00	AMS 2
Tuesday, January 12, 2021	145	10:00	AMS 2
Wednesday, January 13, 2021	91	10:00	AMS 4
Thursday, January 14, 2021	144	13:00	AMS 3
Friday, January 15, 2021	212	7:00	AMS 1
Saturday, January 16, 2021	N/A	N/A	N/A
Sunday, January 17, 2021	N/A	N/A	N/A
Monday, January 18, 2021	N/A	N/A	N/A
Tuesday, January 19, 2021	60	8:00	AMS 2
Wednesday, January 20, 2021	66	11:00	AMS 3
Thursday, January 21, 2021	22	12:00	AMS 1
Friday, January 22, 2021	62	8:00	AMS 4
Saturday, January 23, 2021	N/A	N/A	N/A
Sunday, January 24, 2021	N/A	N/A	N/A
Monday, January 25, 2021	89	10:00	AMS 3
Tuesday, January 26, 2021	69	9:00	AMS 2
Wednesday, January 27, 2021	141	8:00	AMS 1
Thursday, January 28, 2021	20	11:00	AMS 2
Friday, January 29, 2021	52	13:00	AMS 4
Saturday, January 30, 2021	N/A	N/A	N/A
Sunday, January 31, 2021	N/A	N/A	N/A

Note: No monitoring conducted on 1/1/21 & 1/18/21 due to site closure for holiday.

Table D-10: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM₁₀ (μg/m³)	Time	Location
Monday, February 1, 2021	N/A	N/A	N/A
Tuesday, February 2, 2021	N/A	N/A	N/A
Wednesday, February 3, 2021	N/A	N/A	N/A
Thursday, February 4, 2021	22	11:00	AMS 2
Friday, February 5, 2021	33	10:00	AMS 1
Saturday, February 6, 2021	N/A	N/A	N/A
Sunday, February 7, 2021	N/A	N/A	N/A
Monday, February 8, 2021	36	10:00	AMS 1
Tuesday, February 9, 2021	78	14:00	AMS 4
Wednesday, February 10, 2021	52	7:00	AMS 4
Thursday, February 11, 2021	77	7:00	AMS 1
Friday, February 12, 2021	N/A	N/A	N/A
Saturday, February 13, 2021	N/A	N/A	N/A
Sunday, February 14, 2021	N/A	N/A	N/A
Monday, February 15, 2021	N/A	N/A	N/A
Tuesday, February 16, 2021	N/A	N/A	N/A
Wednesday, February 17, 2021	N/A	N/A	N/A
Thursday, February 18, 2021	N/A	N/A	N/A
Friday, February 19, 2021	N/A	N/A	N/A
Saturday, February 20, 2021	N/A	N/A	N/A
Sunday, February 21, 2021	N/A	N/A	N/A
Monday, February 22, 2021	N/A	N/A	N/A
Tuesday, February 23, 2021	N/A	N/A	N/A
Wednesday, February 24, 2021	N/A	N/A	N/A
Thursday, February 25, 2021	N/A	N/A	N/A
Friday, February 26, 2021	N/A	N/A	N/A
Saturday, February 27, 2021	N/A	N/A	N/A
Sunday, February 28, 2021	N/A	N/A	N/A

Note: No monitoring conducted 2/1/21-2/3/21 due to site closure. No monitoring conducted after 2/12/21 due to site closure.

Table D-11: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Monday, March 1, 2021 –	N/A	N/A	N/A
Sunday, March 7, 2021	IN/A	IN/A	IN/A
Monday, March 8, 2021	30	15:00	AMS2
Tuesday, March 9, 2021	61	12:00	AMS2
Wednesday, March 10, 2021	68	8:00	AMS2
Thursday, March 11, 2021	133	11:00	AMS2
Friday, March 12, 2021	37	16:00	AMS4
Saturday, March 13, 2021	61	11:00	AMS3
Sunday, March 14, 2021	N/A	N/A	N/A
Monday, March 15, 2021	90	16:00	AMS5
Tuesday, March 16, 2021	53	13:00	AMS2
Wednesday, March 17, 2021	73	11:00	AMS2
Thursday, March 18, 2021	41	12:00	AMS4
Friday, March 19, 2021	35	14:00	AMS3
Saturday, March 20, 2021	41	11:00	AMS2
Sunday, March 21, 2021	N/A	N/A	N/A
Monday, March 22, 2021	61	11:00	AMS 5
Tuesday, March 23, 2021	43	9:00	Downwind of stockpile
Wednesday, March 24, 2021	93	8:00	Downwind of stockpile
Thursday, March 25, 2021	N/A	N/A	N/A
Friday, March 26, 2021	N/A	N/A	N/A
Saturday, March 27, 2021	N/A	N/A	N/A
Sunday, March 28, 2021	N/A	N/A	N/A
Monday, March 29, 2021	N/A	N/A	N/A
Tuesday, March 30, 2021	N/A	N/A	N/A
Wednesday, March 31, 2021	N/A	N/A	N/A
Thursday, April 1, 2021	86	10:00	Downwind of stockpile
Friday, April 2, 2021	63	7:30	Downwind of stockpile
Saturday, April 3, 2021	N/A	N/A	N/A
Sunday, April 4, 2021	N/A	N/A	N/A
Monday, April 5, 2021	N/A	N/A	N/A
Tuesday, April 6, 2021	93	7:15	Downwind of stockpile

Note: No monitoring conducted 3/1/21-3/7/21 due to site closure. Periodic monitoring conducted after 3/22/21 for site activities requiring monitoring. Perimeter air monitoring discontinued after 3/22/21.

Table D-12: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Sunday, August 1, 2021 - Thursday, August 12, 2021	N/A	N/A	N/A
Friday, August 13, 2021	35	10:00	AMS2
Saturday, August 14, 2021	N/A	N/A	N/A
Sunday, August 15, 2021	N/A	N/A	N/A
Monday, August 16, 2021	47	9:00	AMS3
Tuesday, August 17, 2021	23	15:00	AMS2
Wednesday, August 18, 2021	20	13:00	AMS2
Thursday, August 19, 2021	11	12:00	AMS3
Friday, August 20, 2021	19	8:00	AMS2
Saturday, August 21, 2021	N/A	N/A	N/A
Sunday, August 22, 2021	N/A	N/A	N/A
Monday, August 23, 2021	31	10:00	AMS1
Tuesday, August 24, 2021	45	8:00	AMS1
Wednesday, August 25, 2021	81	10:00	AMS3
Thursday, August 26, 2021	41	8:00	AMS2
Friday, August 27, 2021	24	10:00	AMS2
Saturday, August 28, 2021	N/A	N/A	N/A
Sunday, August 29, 2021	N/A	N/A	N/A
Monday, August 30, 2021	21	12:00	AMS3
Tuesday, August 31, 2021	61	9:00	AMS1

Note: Blank cells are days where no hand-held monitoring occurred. Cells containing N/A are days where no monitoring occurred.

Note: No monitoring conducted 8/1/21-8/12/21 due to discontinuance of air monitoring. Air monitoring resumed on 8/13/21.

Table D-13: Daily Maximum Hand-held Monitoring Instantaneous Results

Date	PM ₁₀ (μg/m³)	Time	Location
Wednesday, September 1, 2021	26	7:00	AMS2
Thursday, September 2, 2021	29	15:00	AMS3
Friday, September 3, 2021	19	11:00	AMS3
Saturday, September 4, 2021	N/A	N/A	N/A
Sunday, September 5, 2021	N/A	N/A	N/A
Monday, September 6, 2021	N/A	N/A	N/A
Tuesday, September 7, 2021	45	10:00	AMS1
Wednesday, September 8, 2021	34	9:00	AMS2
Thursday, September 9, 2021	62	14:00	AMS2
Friday, September 10, 2021	41	11:00	AMS3
Saturday, September 11, 2021	N/A	N/A	N/A
Sunday, September 12, 2021	N/A	N/A	N/A
Monday, September 13, 2021	81	13:00	AMS2
Tuesday, September 14, 2021	36	12:00	AMS2
Wednesday, September 15, 2021	71	13:00	AMS2
Thursday, September 16, 2021	58	14:00	AMS2
Friday, September 17, 2021	28	8:00	AMS2
Saturday, September 18, 2021	N/A	N/A	N/A
Sunday, September 19, 2021	N/A	N/A	N/A
Monday, September 20, 2021	88	10:00	AMS1
Tuesday, September 21, 2021	121	11:00	AMS1
Wednesday, September 22, 2021	96	12:00	AMS1
Thursday, September 23, 2021	82	7:00	AMS1
Friday, September 24, 2021	73	12:00	AMS1
Saturday, September 25, 2021 - Thursday, September 30, 2021	N/A	N/A	N/A

Note: Blank cells are days where no hand-held monitoring occurred. Cells containing N/A are days where no monitoring occurred.

Note: No monitoring conducted 9/6/21 due to site closure for holiday. Air monitoring finished on 9/24/21.

Appendix E

Elevated Concentration Summaries

& EDRs

Table E- 1: Elevated Concentration Summary

Param	eter	Date	Time	Location	Wind Conditions	Elevated Concentration	Explanation
PM ₁	0 11	1/6/2020	10:00	AMS 2	Winds out of the West. Clear,	433.2 ug/m³	Active street sweeper passed the site near the station and caused a plume of dust from off-site source.
NA		NA	NA	NA	NA	NA	NA

 PM_{10} – Respirable Particulate Matter measured in micrograms per cubic meter ($\mu g/m^3$)

ng/m³ – nanograms per cubic meter

μg/m³ – micrograms per cubic meter

NA - Not Applicable

ND -No Data

Submittal Date: 11/06/20



PPG Site 174 – Dennis Collins Park

Event Documentation Report (EDR)

This form has been designed to provide preliminary notifications for elevated Cr⁺⁶ and PM₁₀ concentrations. The data presented on this form has not been validated and should be considered preliminary. However, we have a high certainty that there will not be any changes.

Date of Event: 11.06.2020	Time of Event: 10:00	
Location of Event: AMS2. Winds out of the W	Type: Exceedance of the real-time 15-min TWA action level of 339 μg/m ³ .	

Real-Time PM₁₀ Concentration:

AMS 1: 50.3 ug/m³ AMS 2: 433.2 ug/m³ AMS 3: 33.6 ug/m³ AMS 4: 74.9 ug/m³ AMS 5: 48.5 ug/m³

Instrument within Calibration Specifications:

The air monitoring technician found that the instruments did zero successfully during startup on 11/06/20.

Observations:

Cause of the exceedance was due to an active street sweeper passing the site. At the time of the exceedances there was no work-related activities occurring both near and upwind of the station. Readings returned to normal by 10:15.

The location of AMS-2 is shown in **Figure 1**. PM_{10} concentrations at all stations were less than the Action Level of 339 ug/m^3 by 10:15.

List Response Actions and their Effectiveness:

Discussed the exceedance with management on site after the exceedance occurred. Exceedance due to offsite source. (11/06/20)



Figure 1



Legend:



Fenceline AMS



*AMS & Meteorological Station

Definitions:

AMS - Air Monitoring Station

Appendix F

Meteorological Data

Figure F-1: Wind Speed

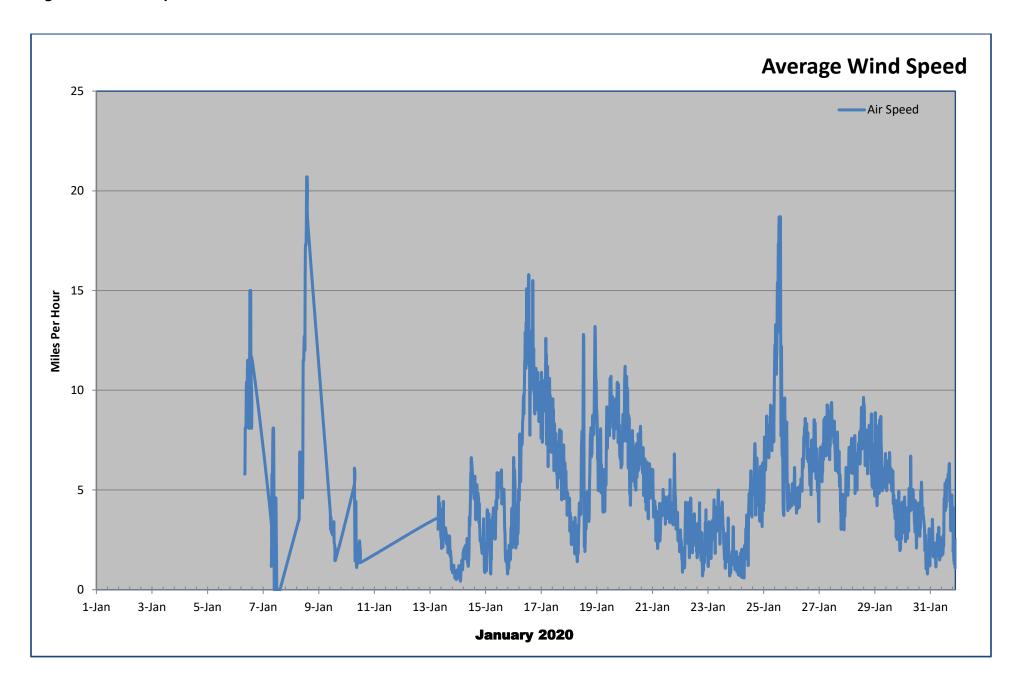


Figure F-2: Temperature

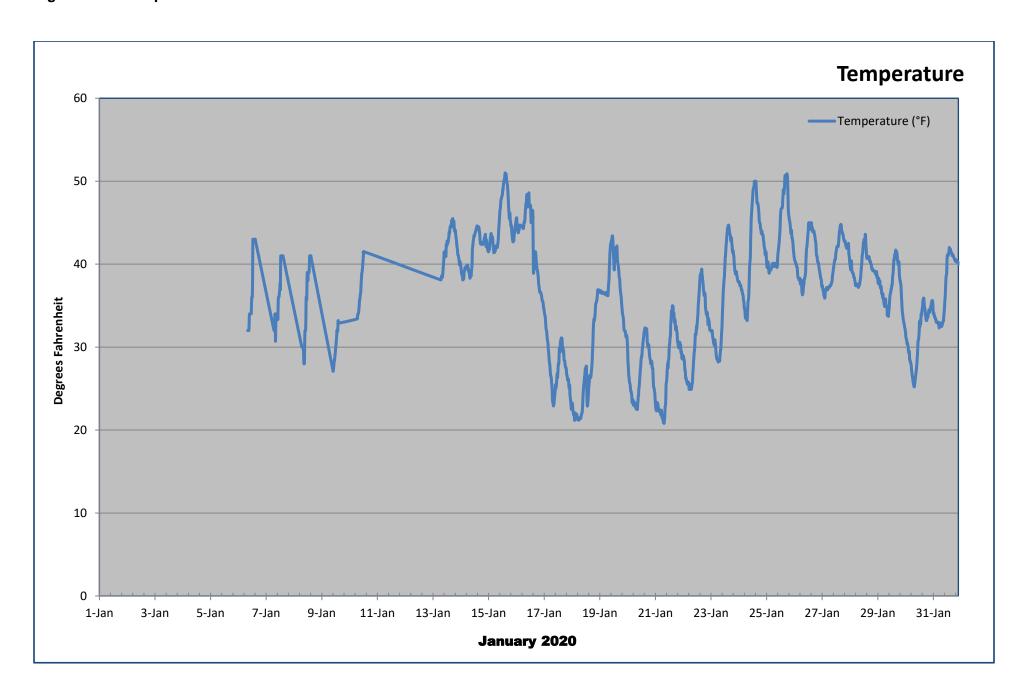


Figure F-3: Relative Humidity

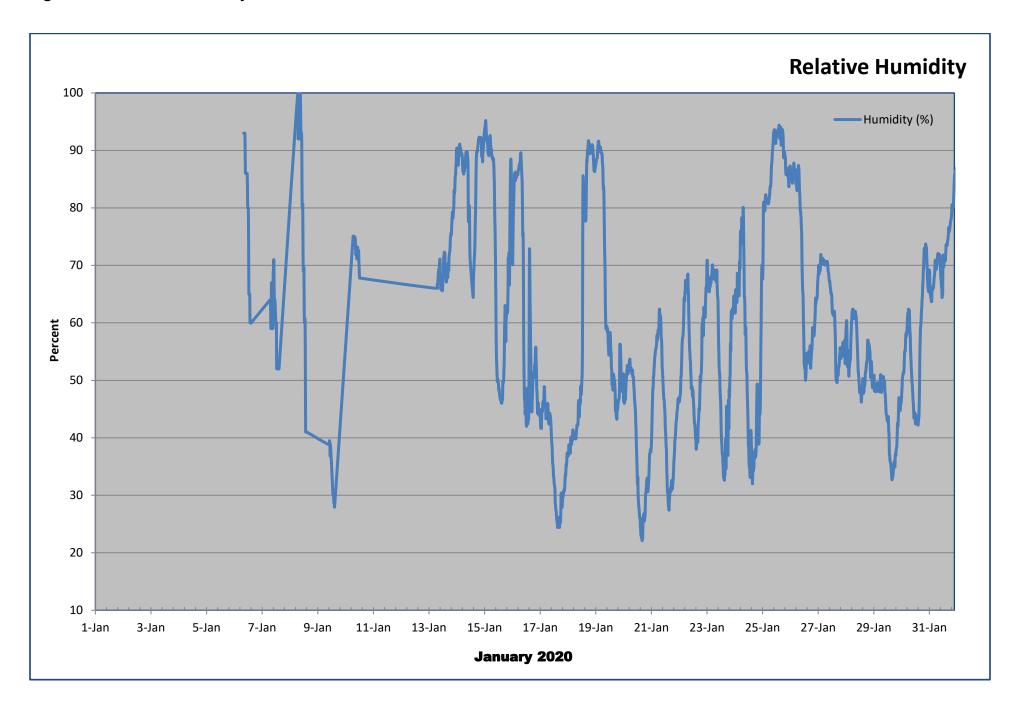


Figure F-4: Monthly Wind-Rose

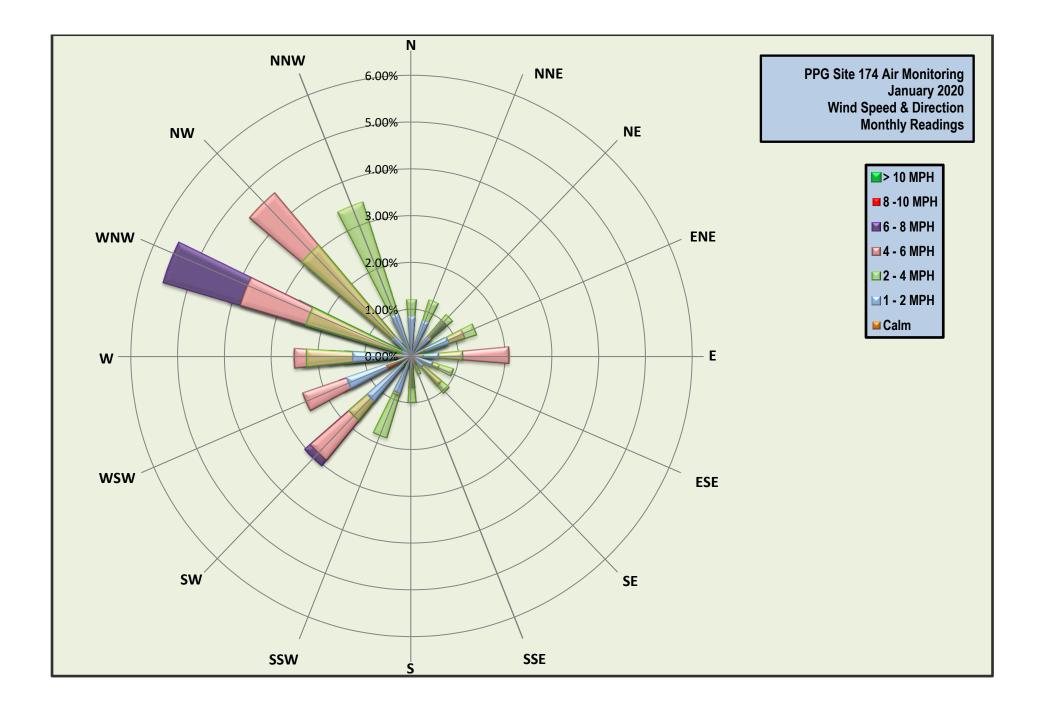


Figure F-5: Wind Speed

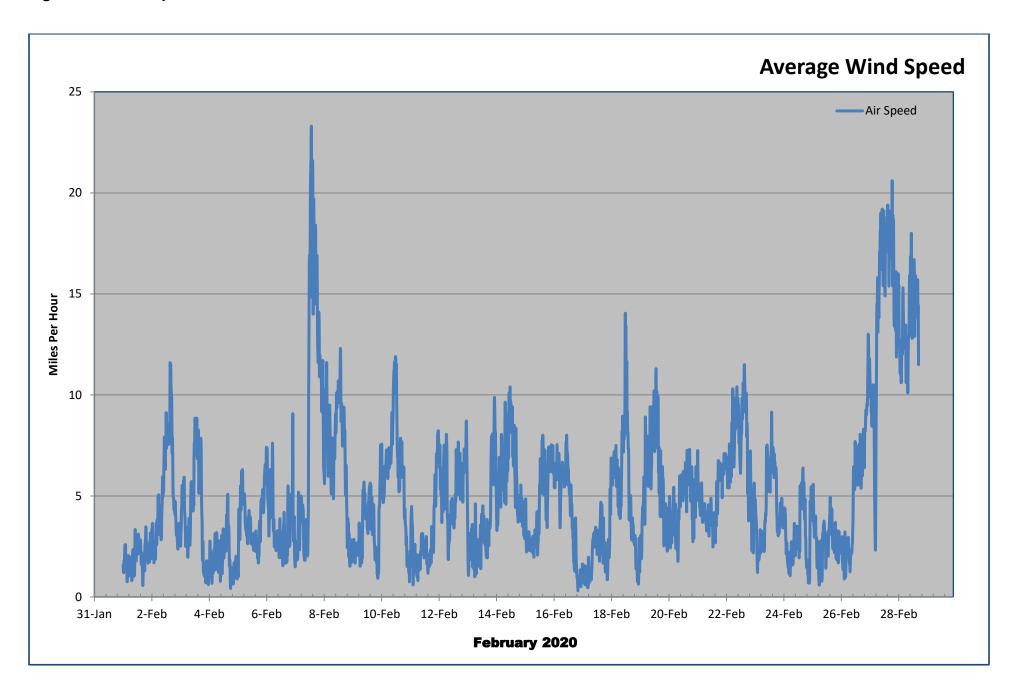


Figure F-6: Temperature

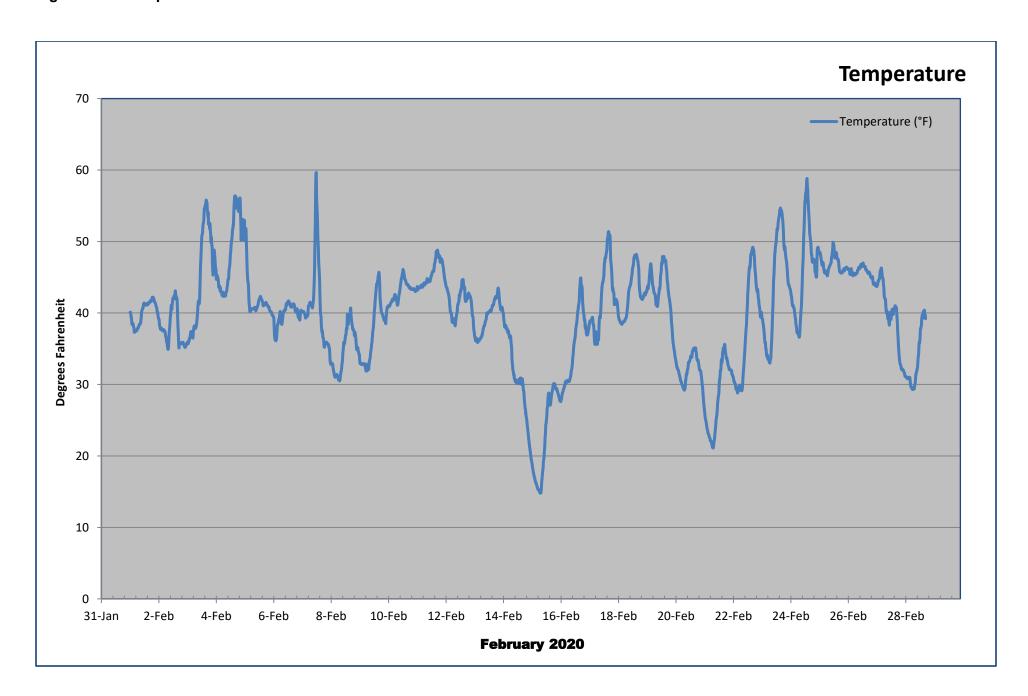


Figure F-7: Relative Humidity

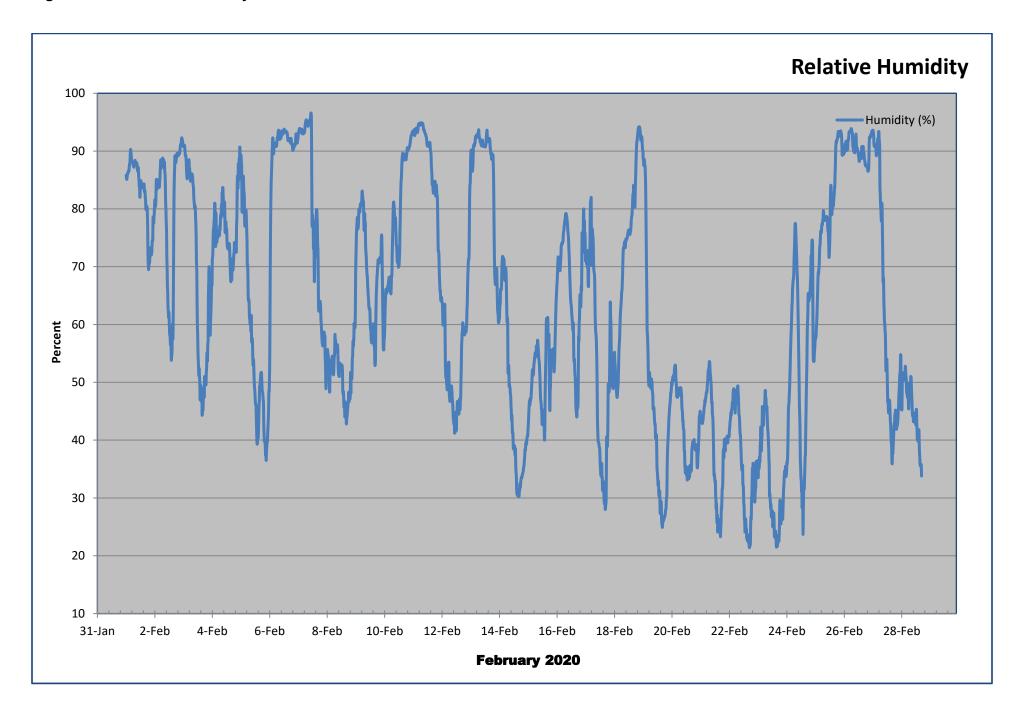


Figure F-8: Monthly Wind-Rose

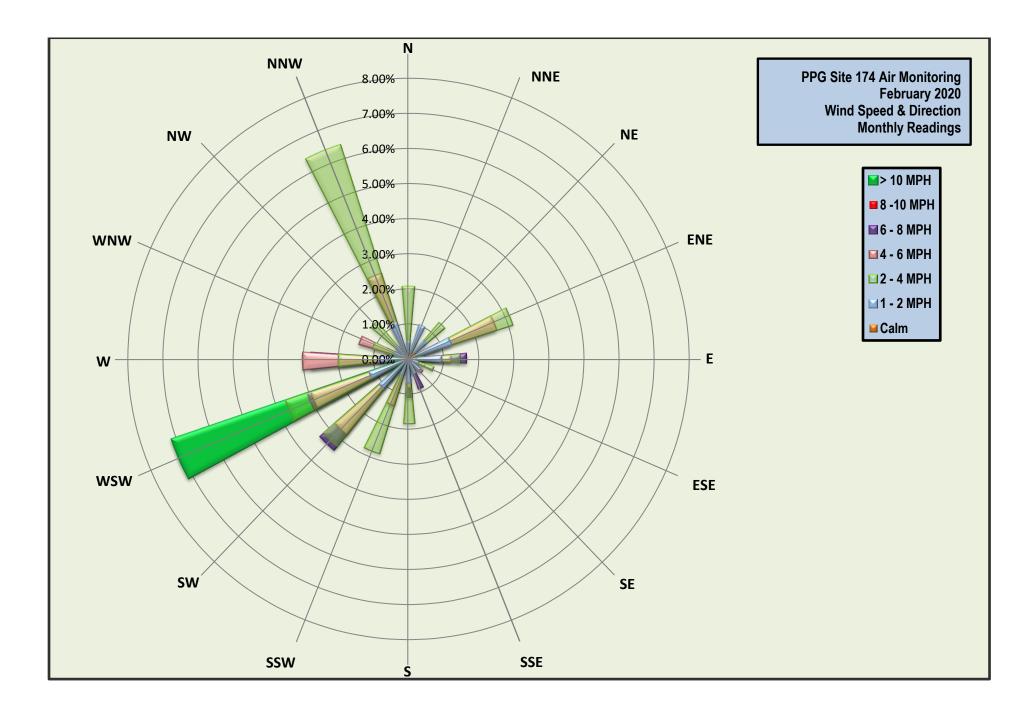


Figure F-9: Wind Speed

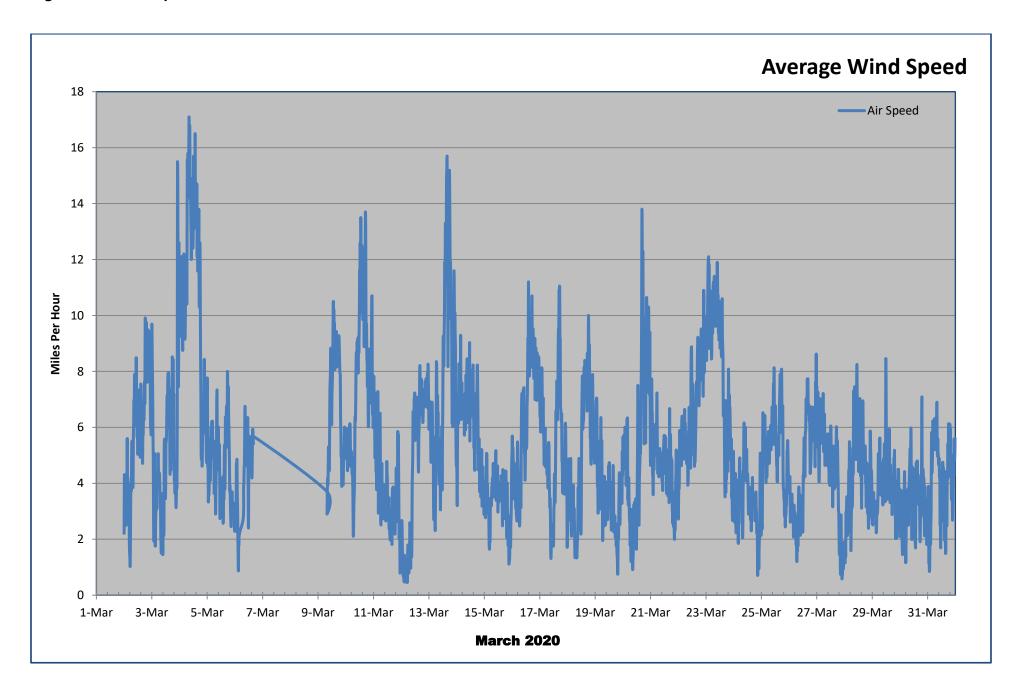


Figure F-10: Temperature

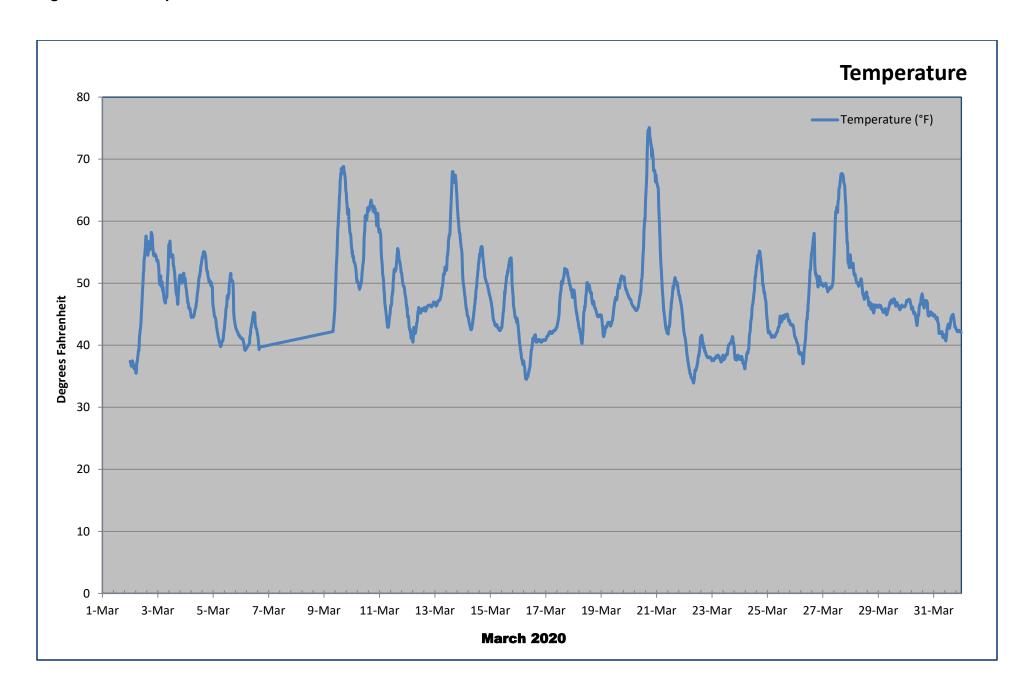


Figure F-11: Relative Humidity

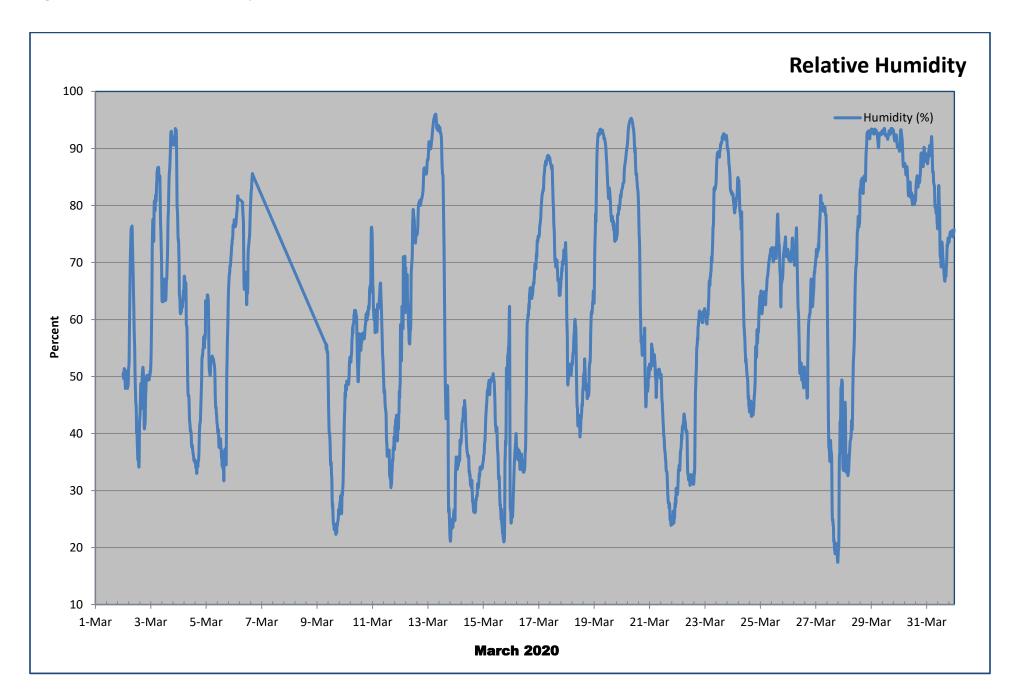


Figure F-12: Monthly Wind-Rose

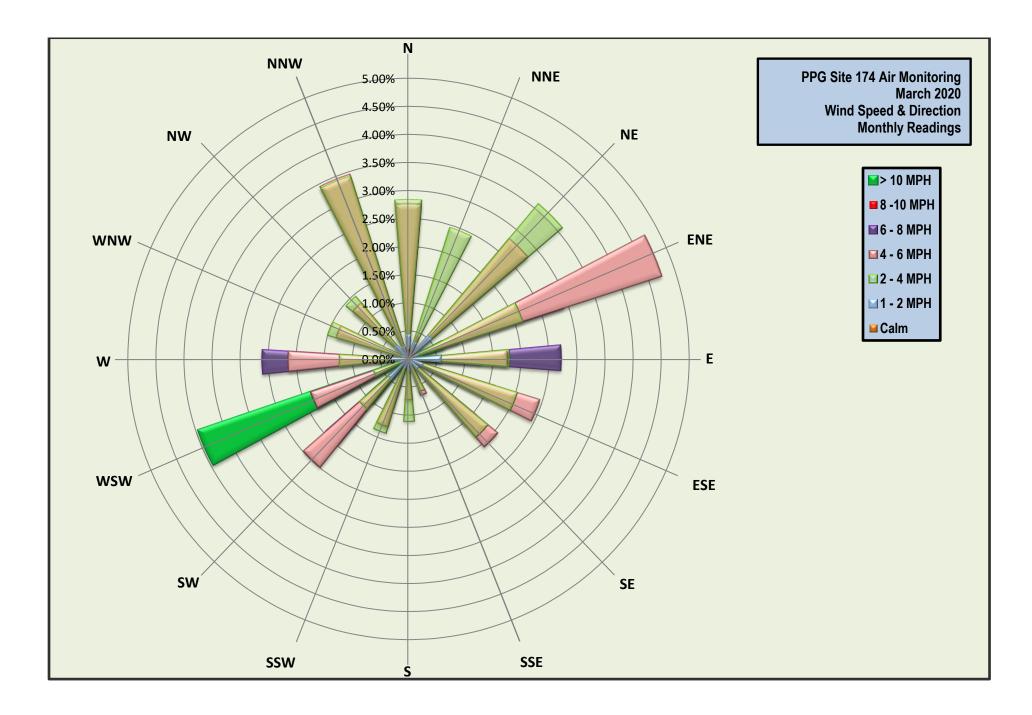


Figure F-13: Wind Speed

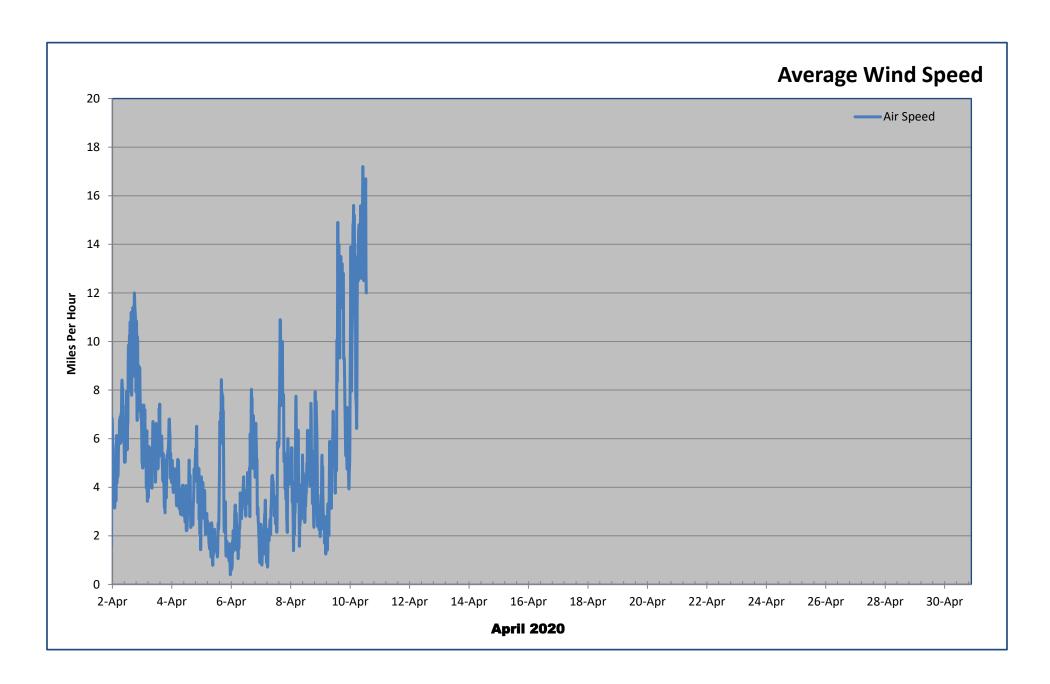


Figure F-14: Temperature

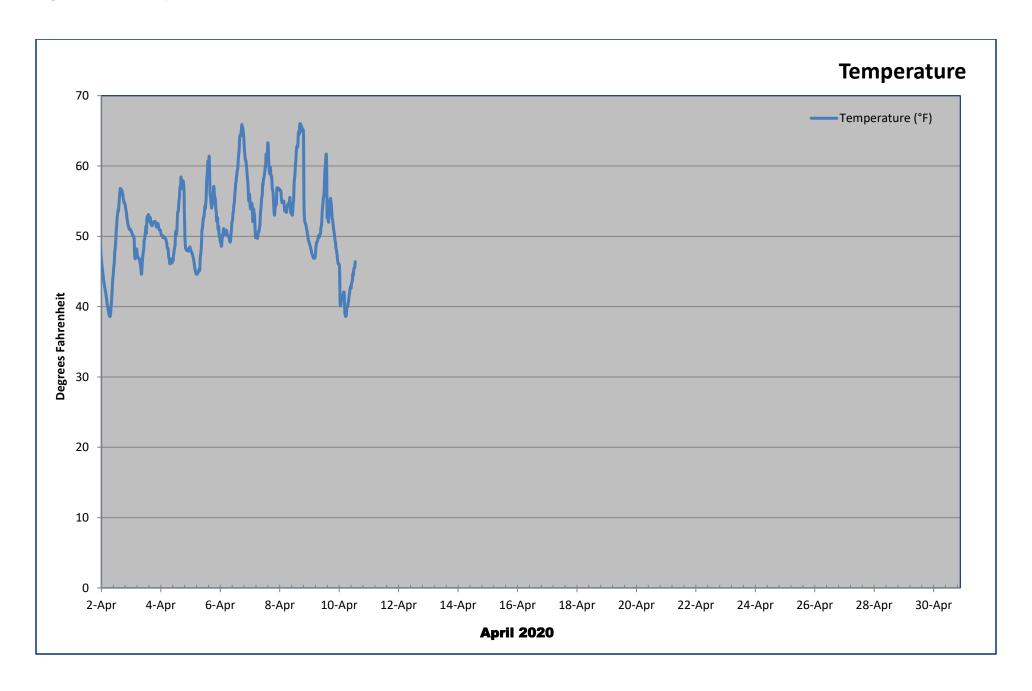


Figure F-15: Relative Humidity

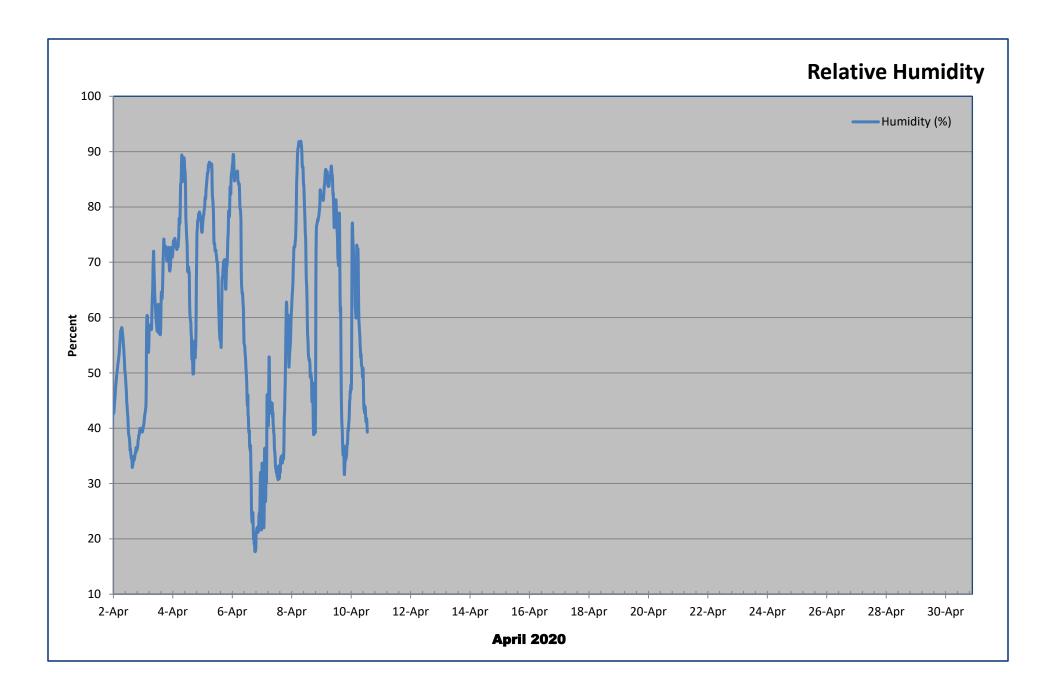


Figure F-16: Monthly Wind-Rose

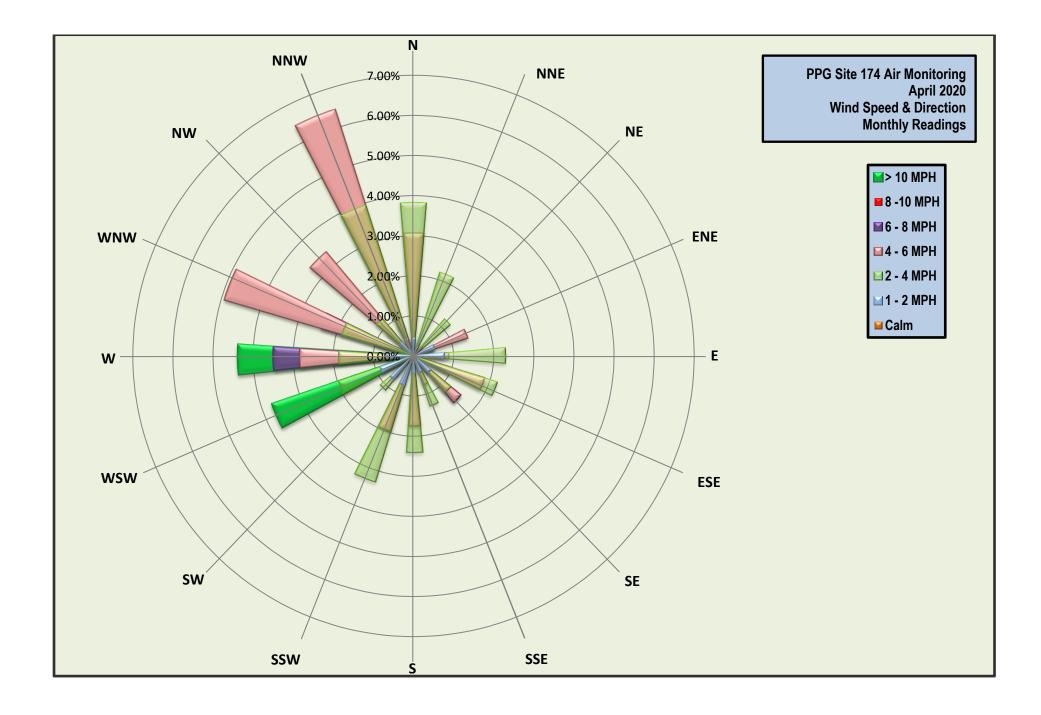


Figure F-17: Wind Speed

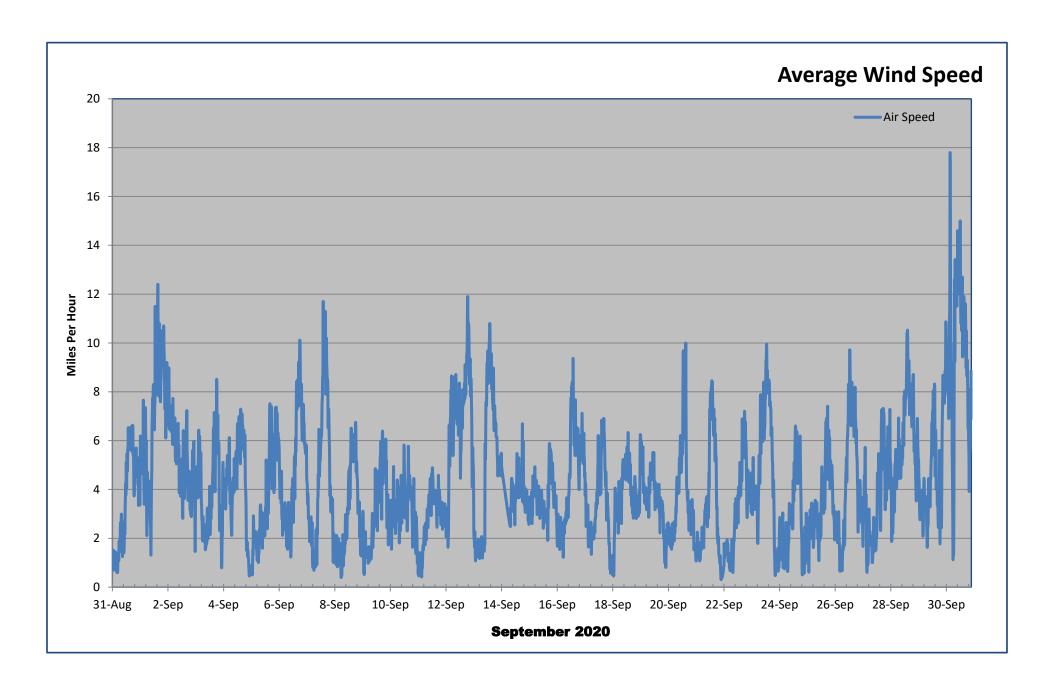


Figure F-18: Temperature

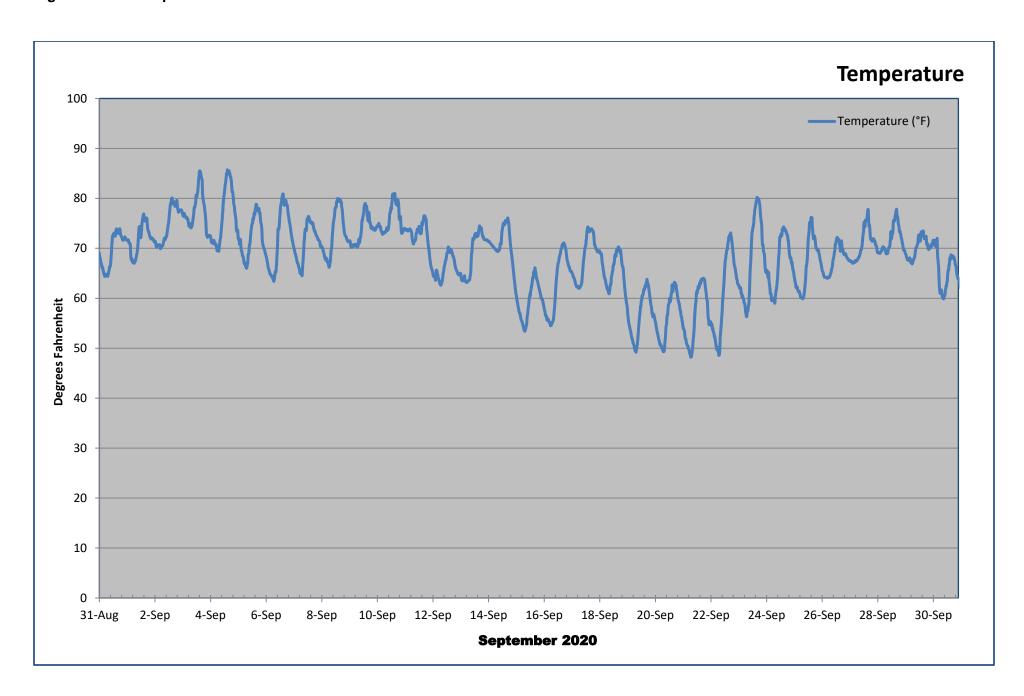


Figure F-19: Relative Humidity

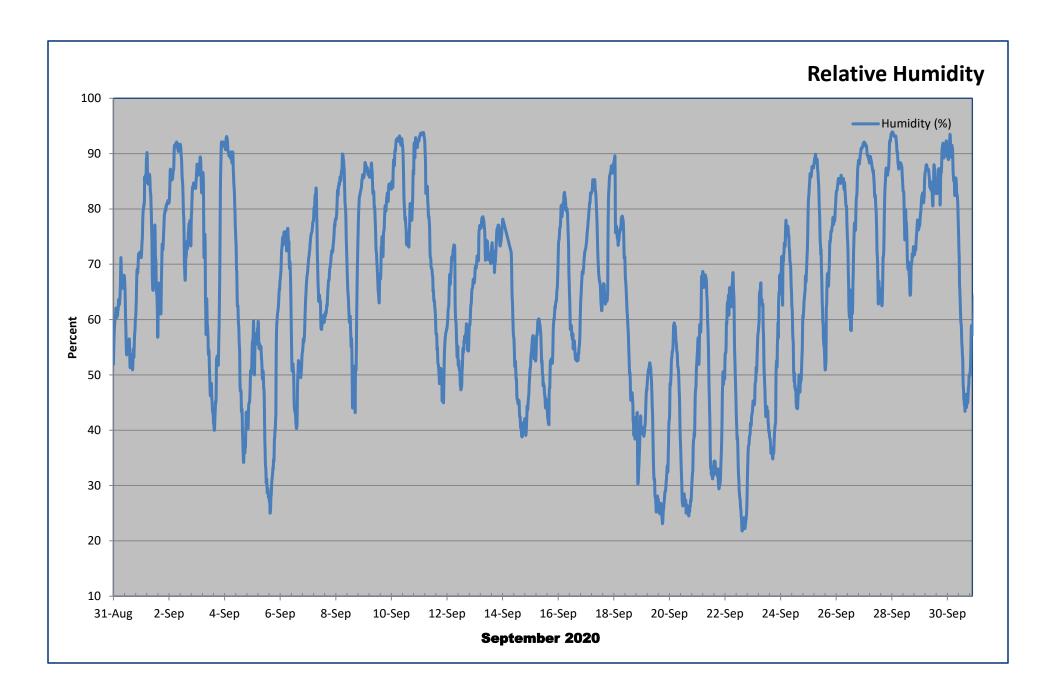


Figure F-20: Monthly Wind-Rose

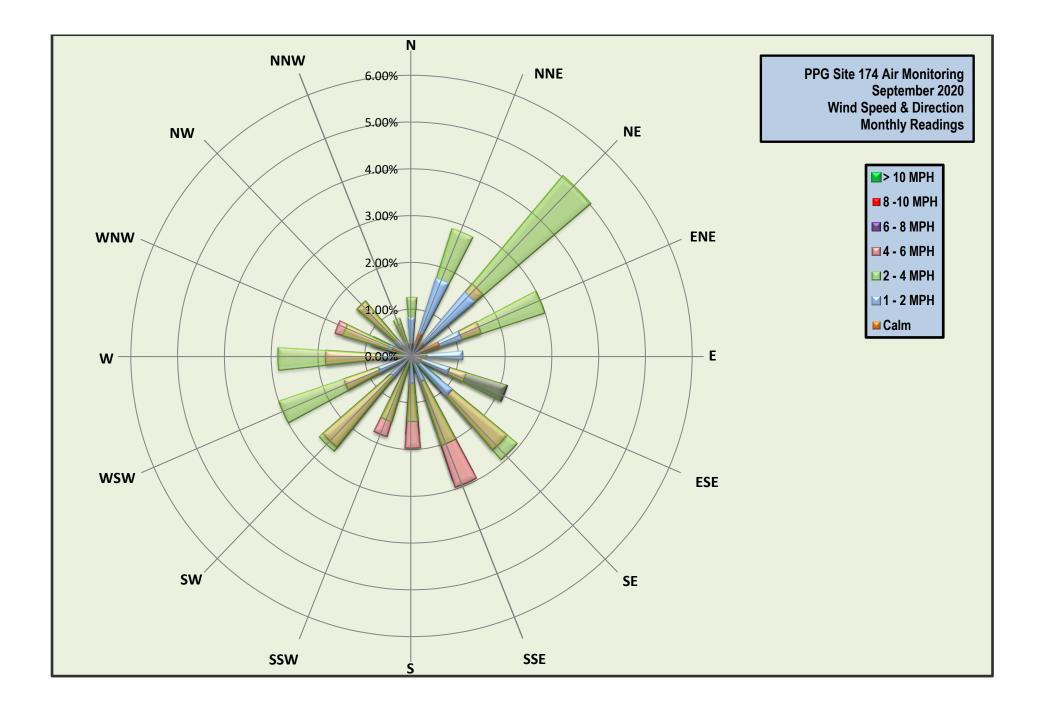


Figure F-21: Wind Speed

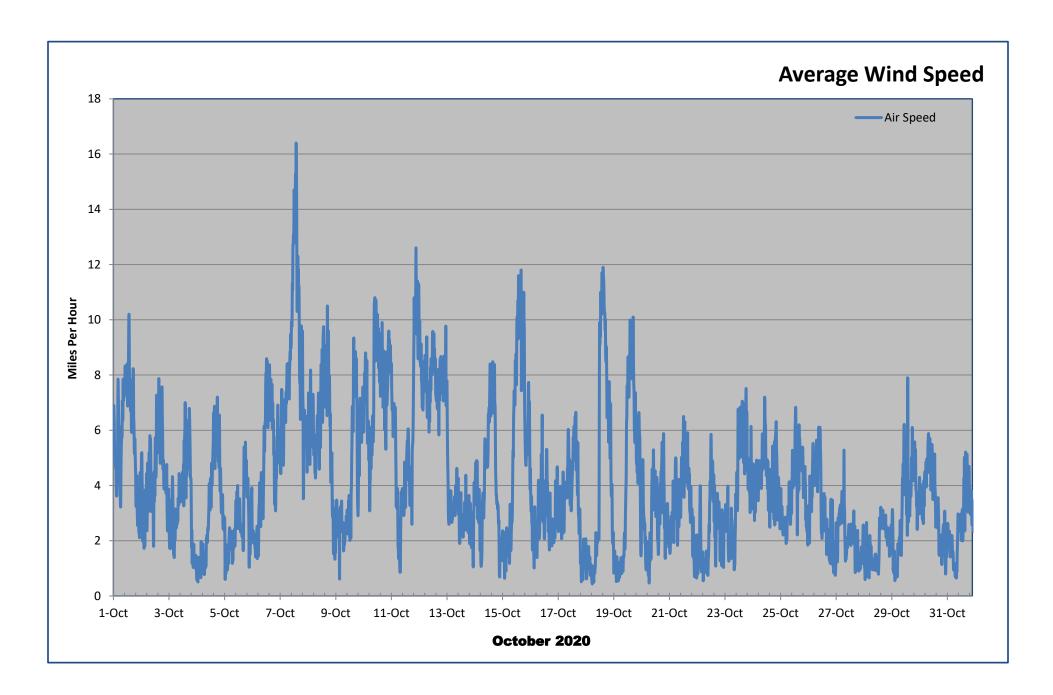


Figure F-22: Temperature

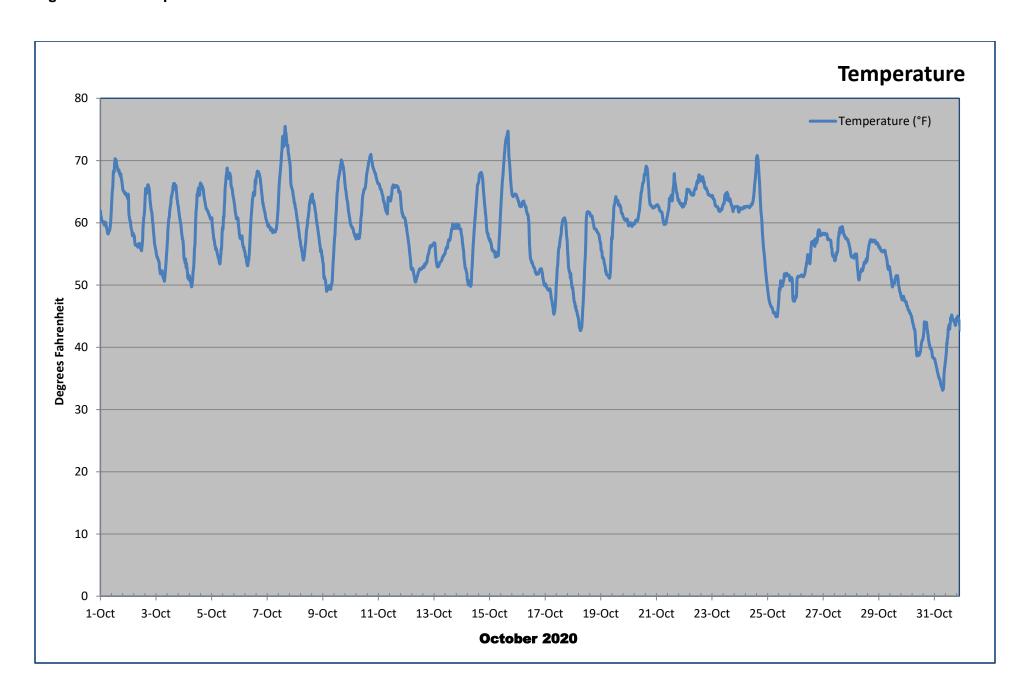


Figure F-23: Relative Humidity

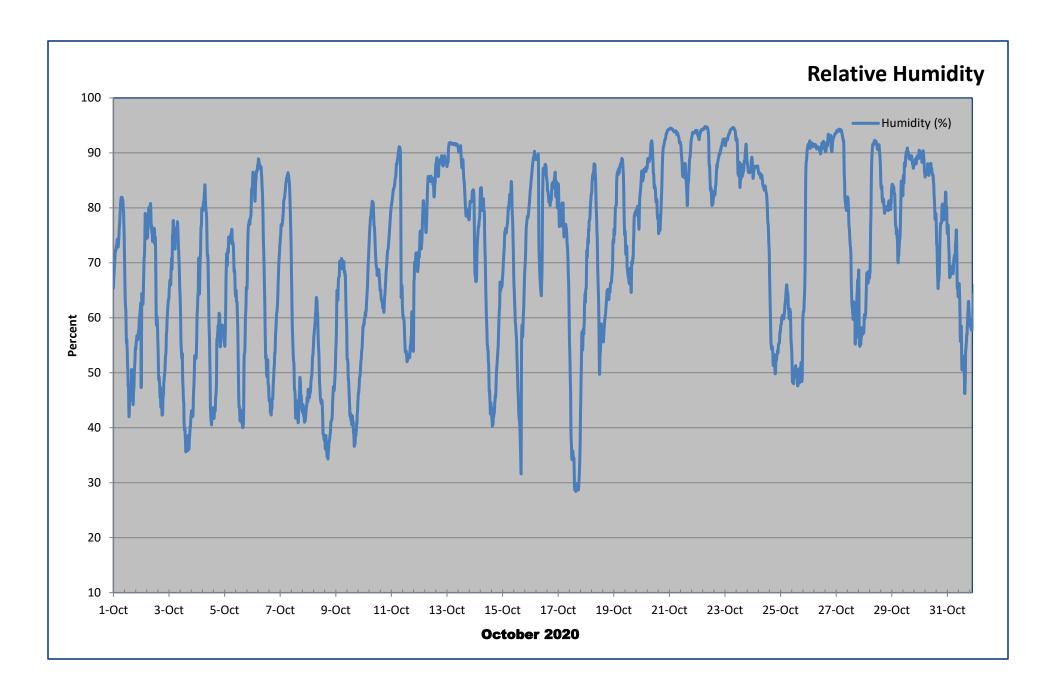


Figure F-24: Monthly Wind-Rose

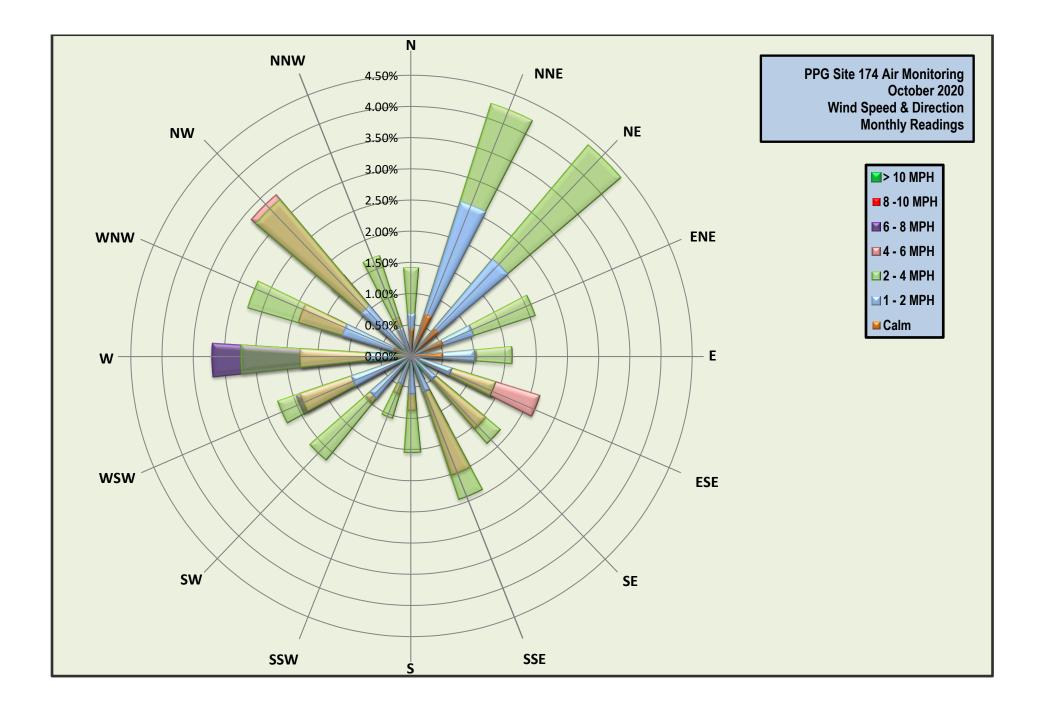


Figure F-25: Wind Speed

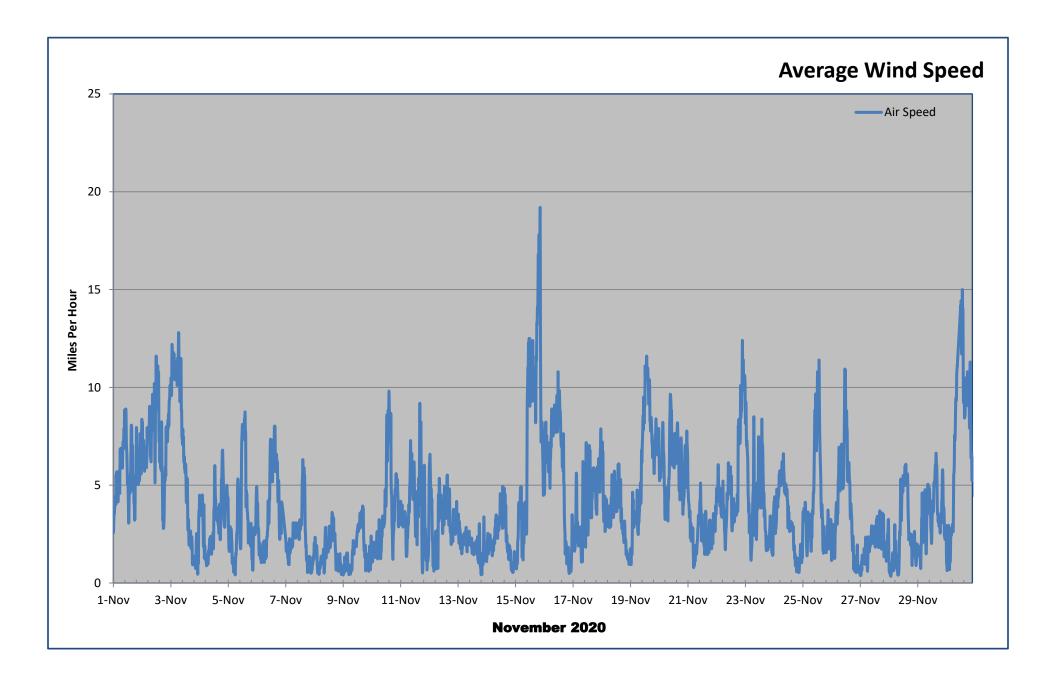


Figure F-26: Temperature

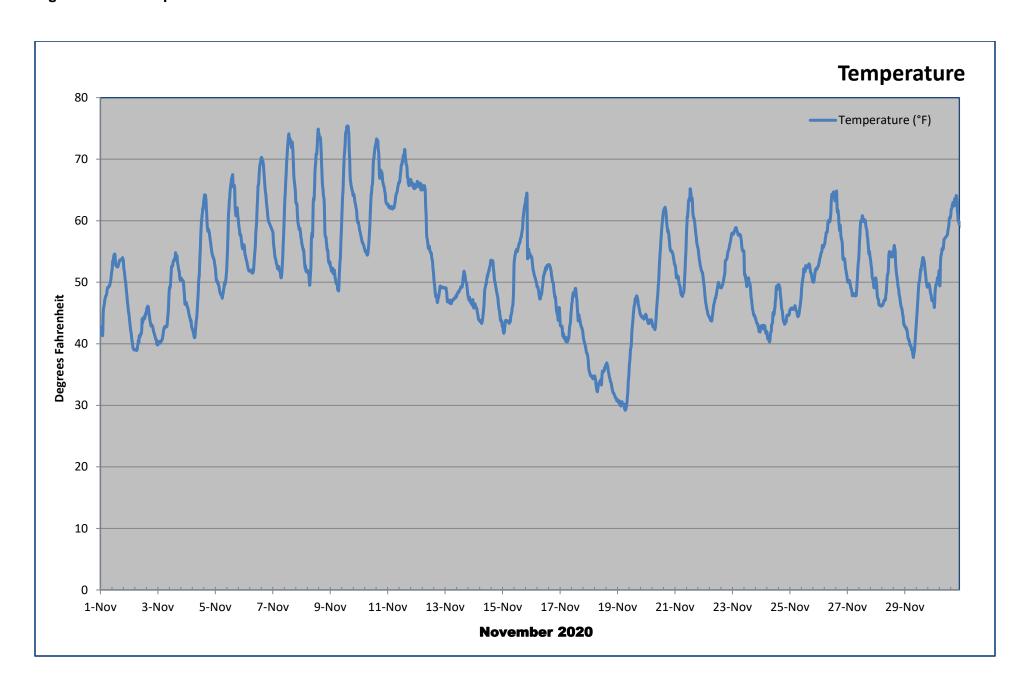


Figure F-27: Relative Humidity

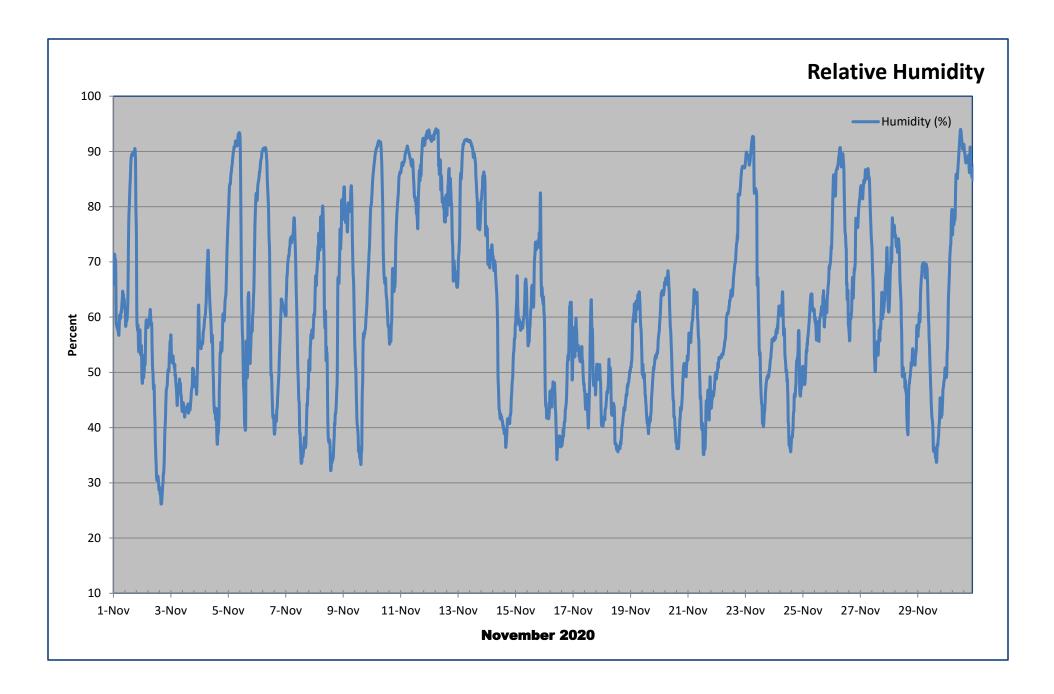


Figure F-28: Monthly Wind-Rose

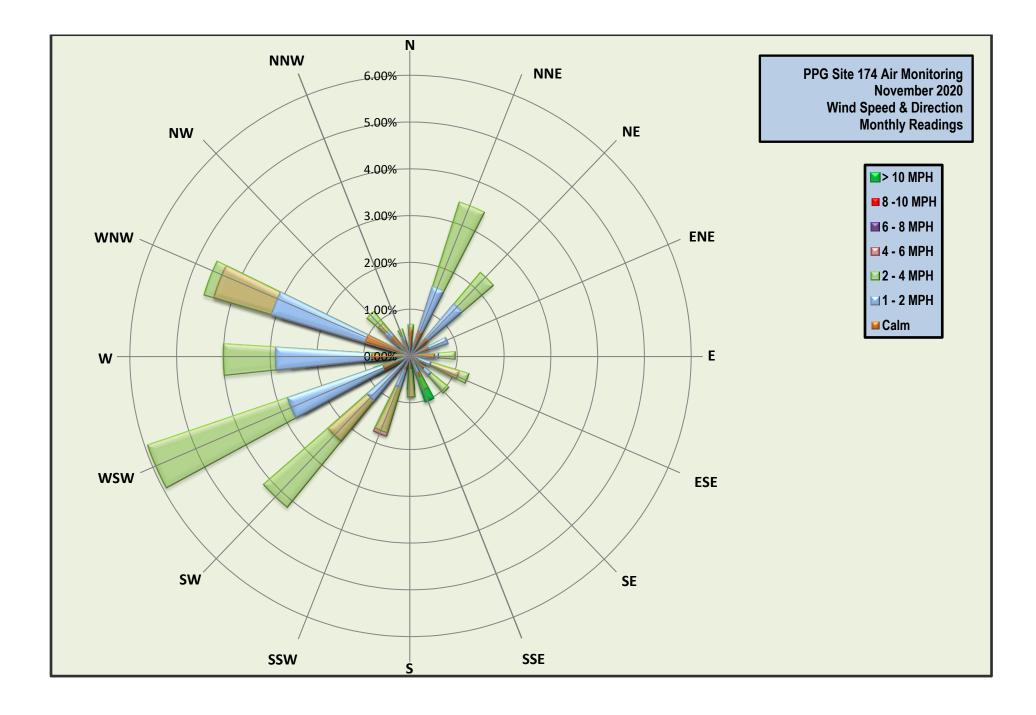


Figure F-29: Wind Speed

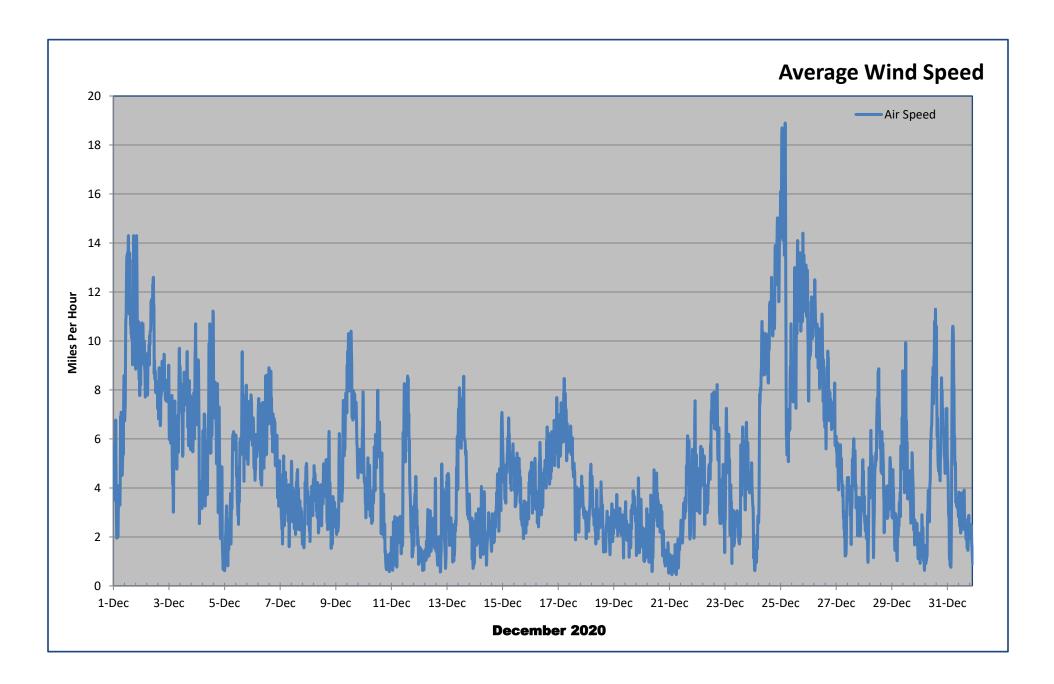


Figure F-30: Temperature

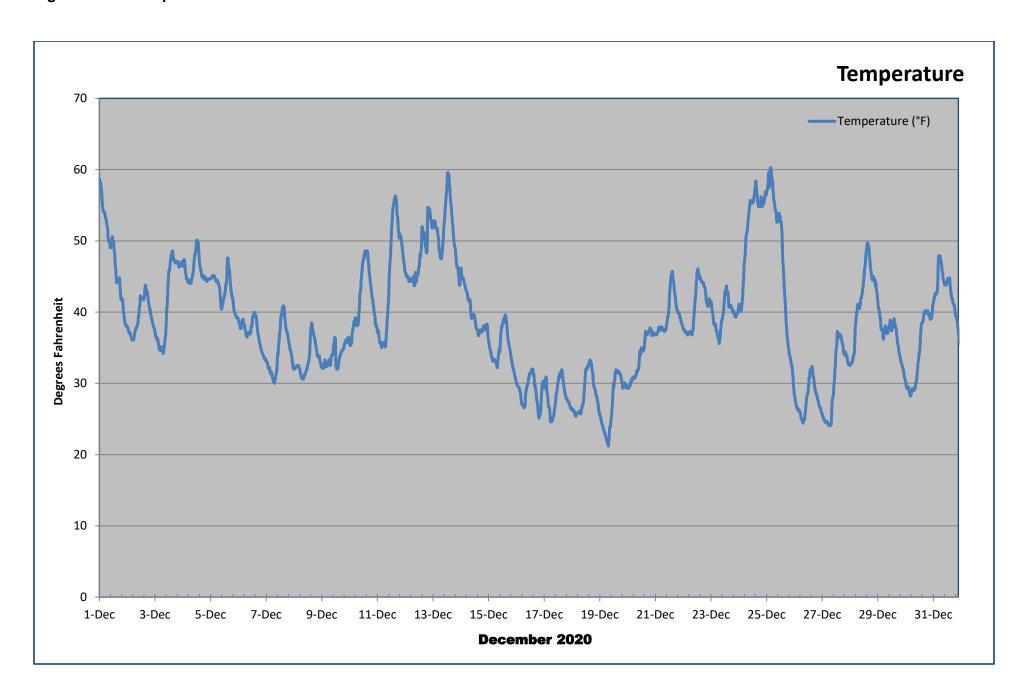


Figure F-31: Relative Humidity

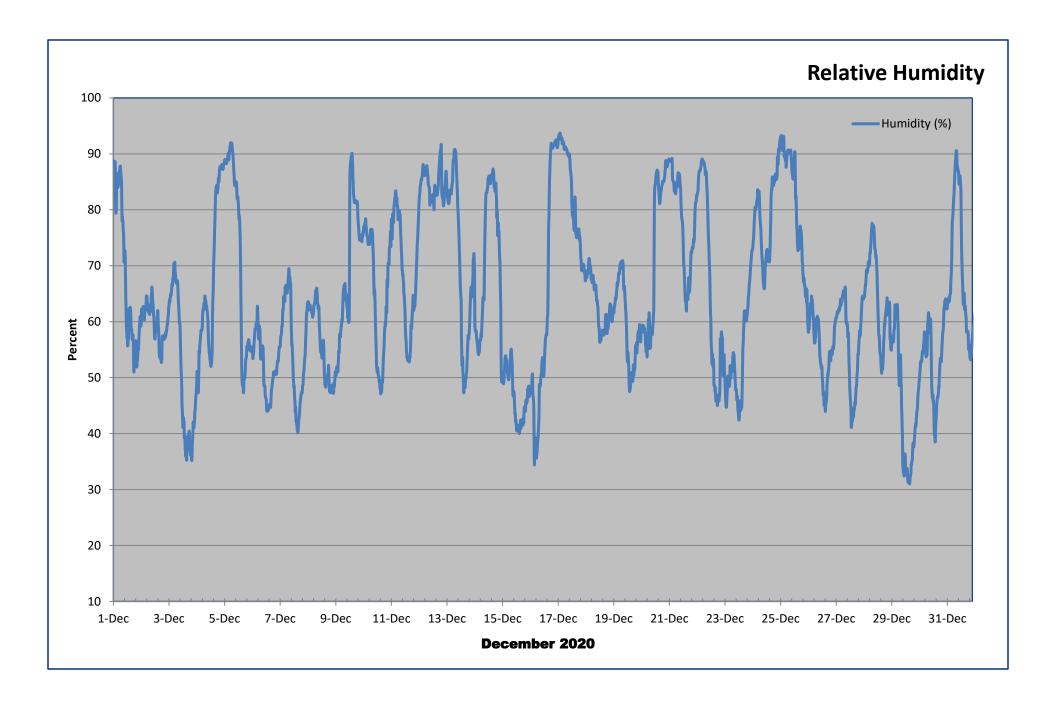


Figure F-32: Monthly Wind-Rose

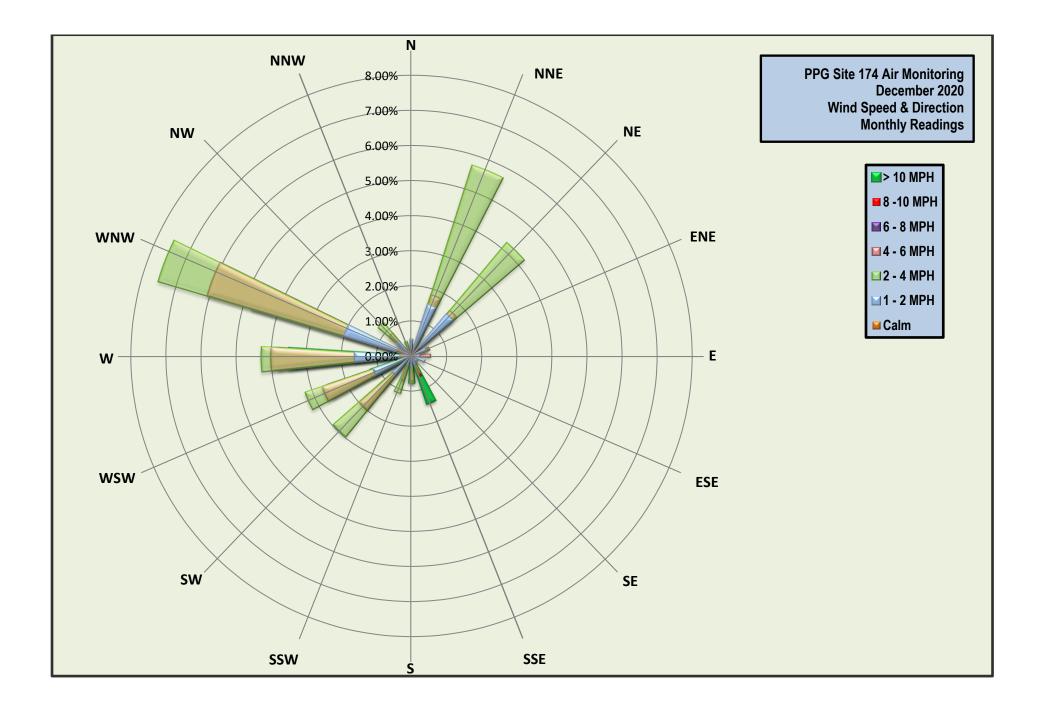


Figure F-33: Wind Speed

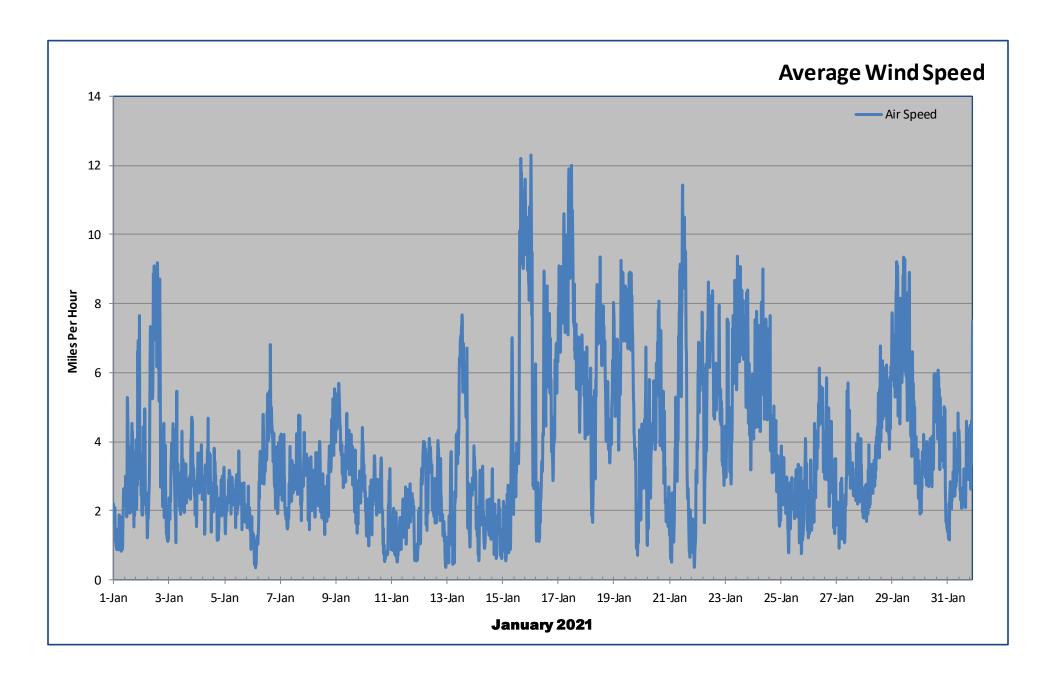


Figure F-34: Temperature

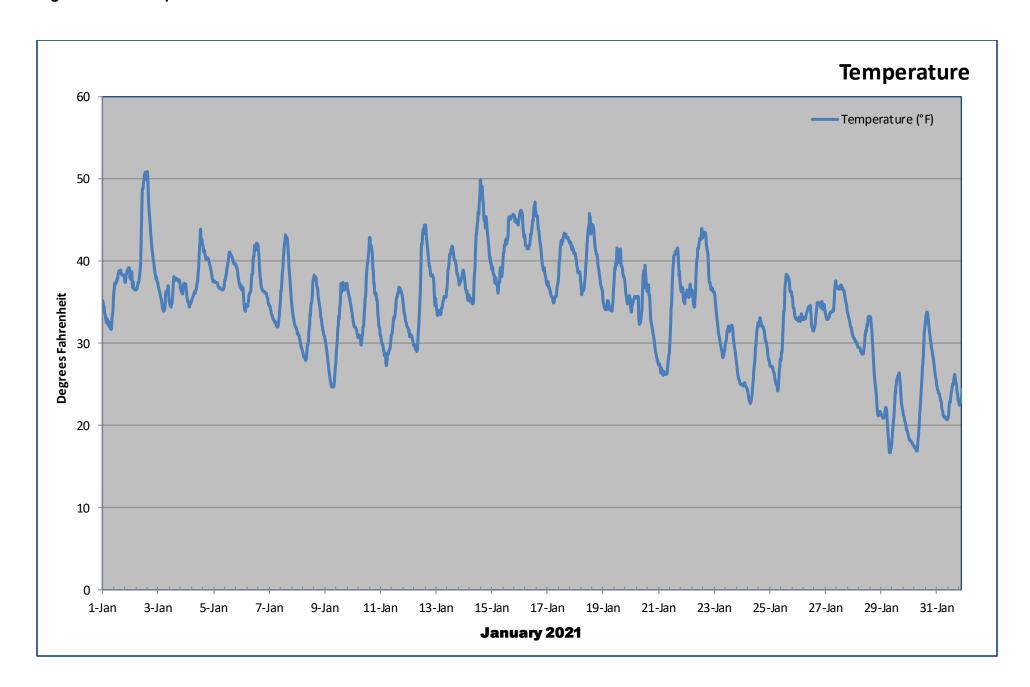


Figure F-35: Relative Humidity

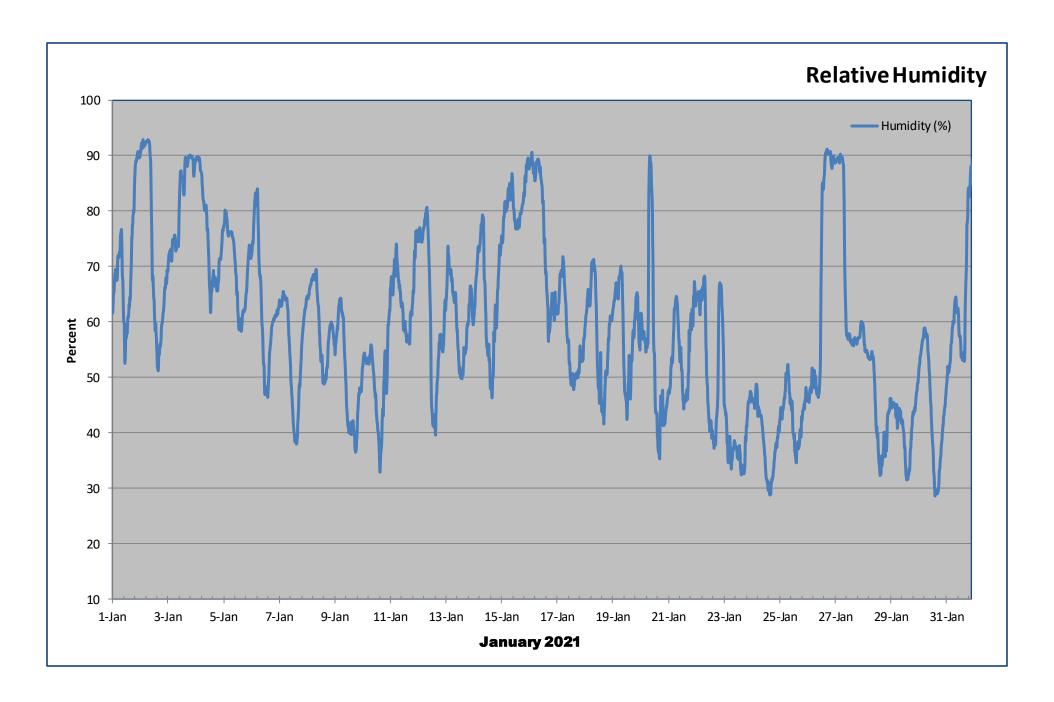


Figure F-36: Monthly Wind-Rose

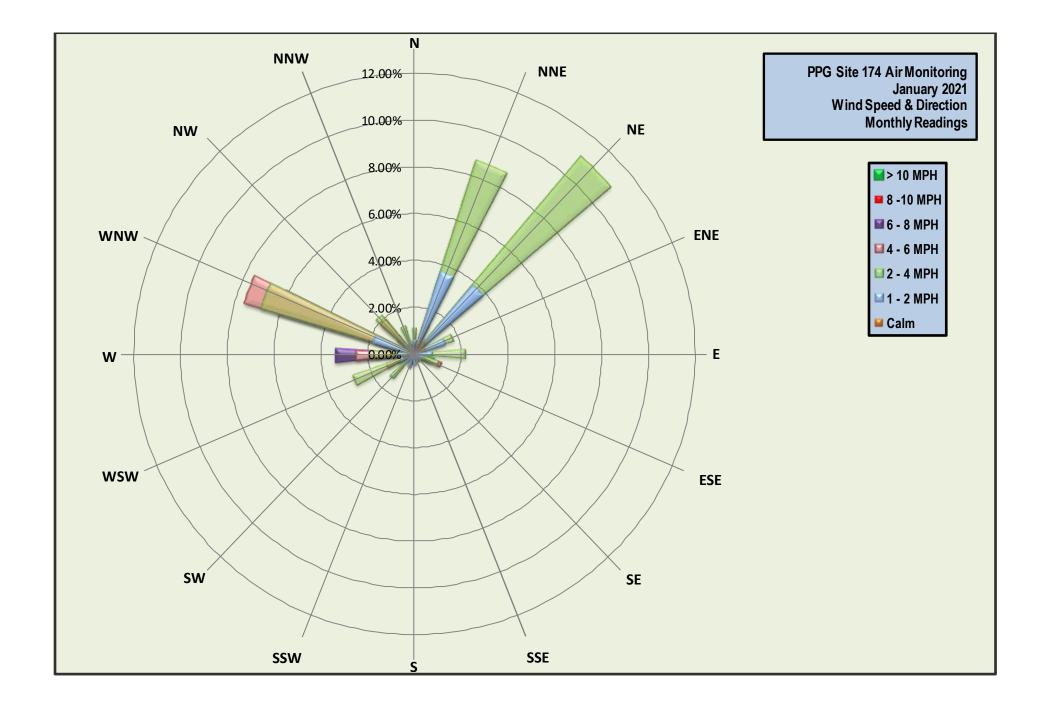


Figure F-37: Wind Speed

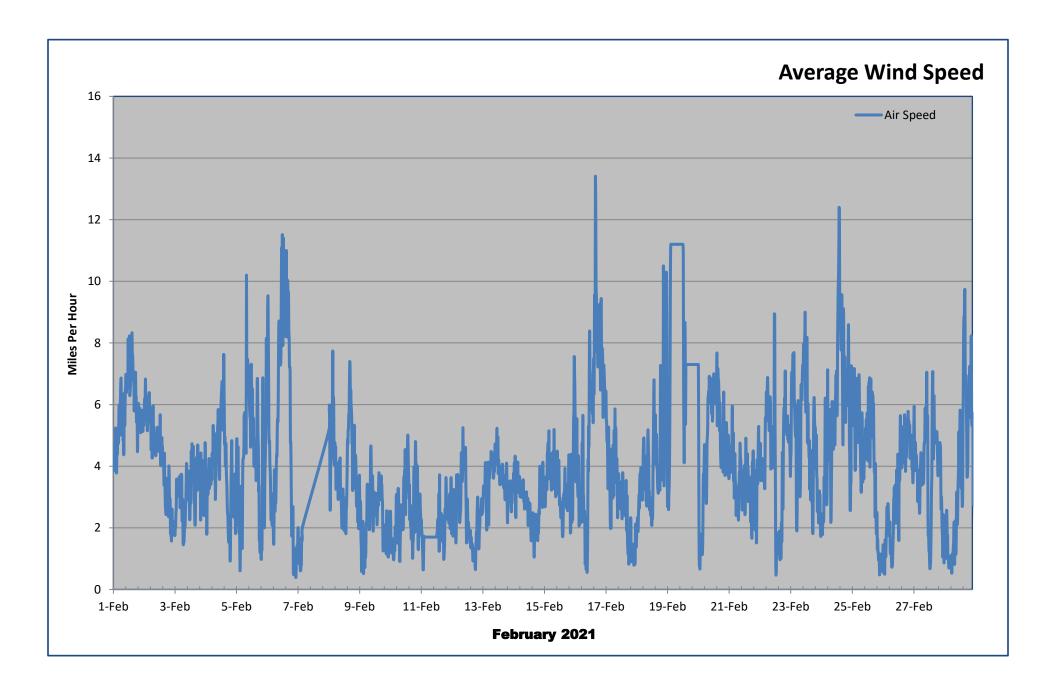


Figure F-38: Temperature

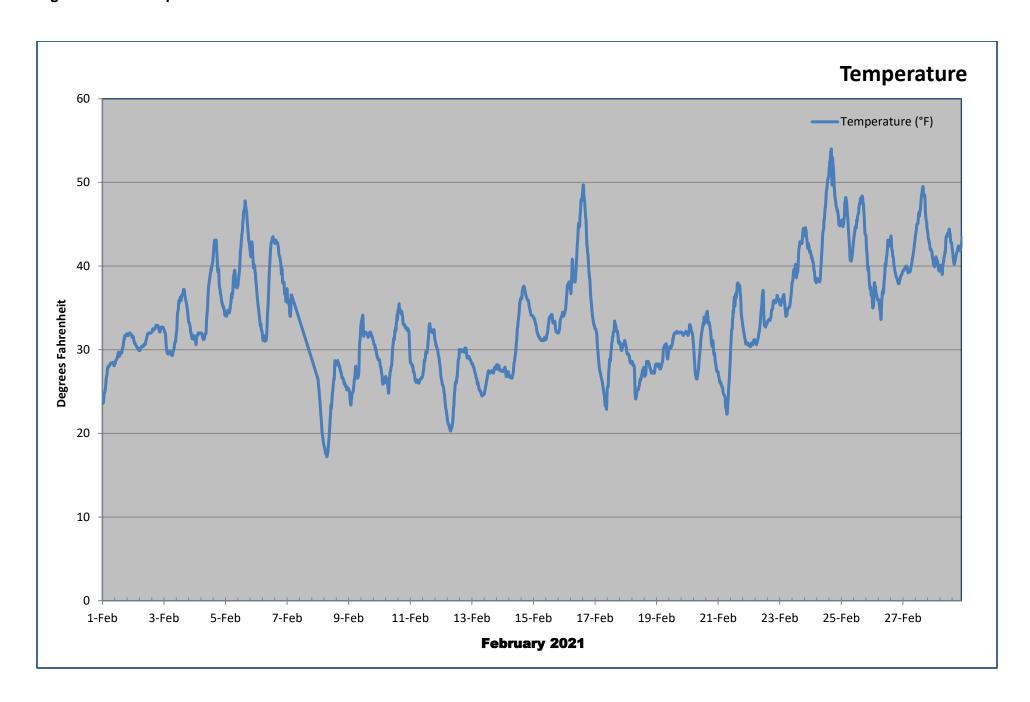


Figure F-39: Relative Humidity

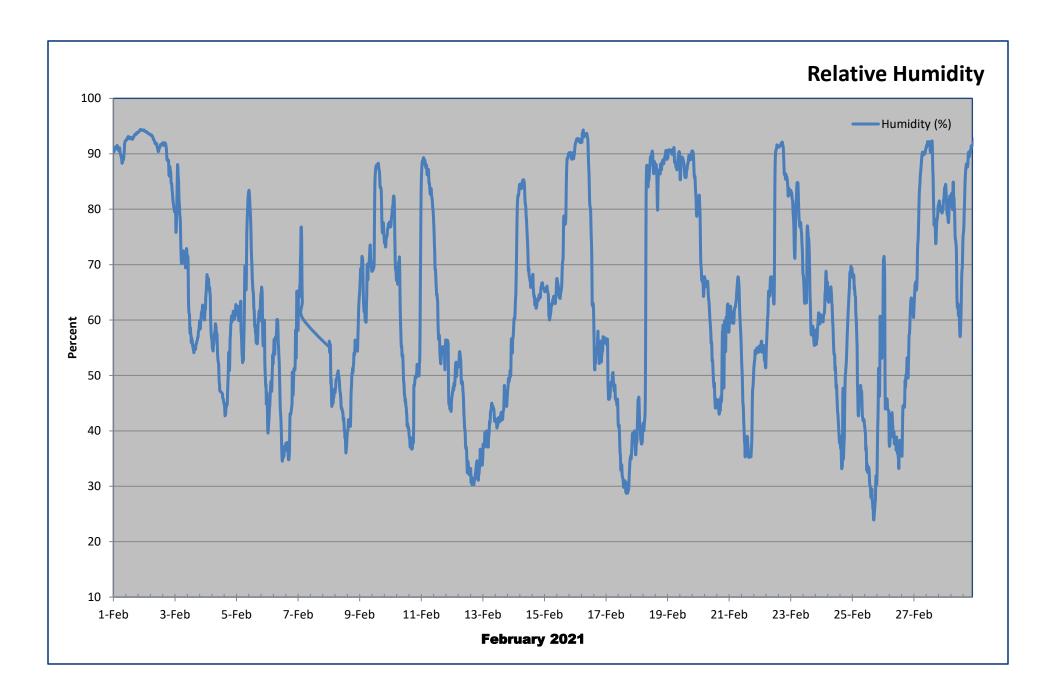


Figure F-40: Monthly Wind-Rose

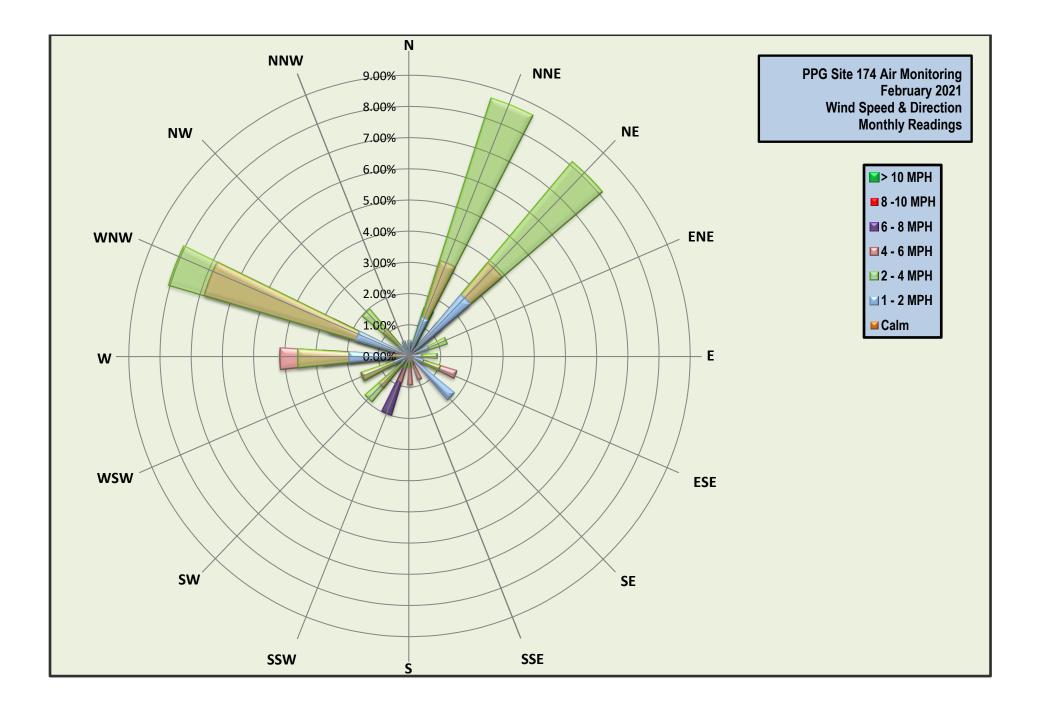


Figure F-41: Wind Speed

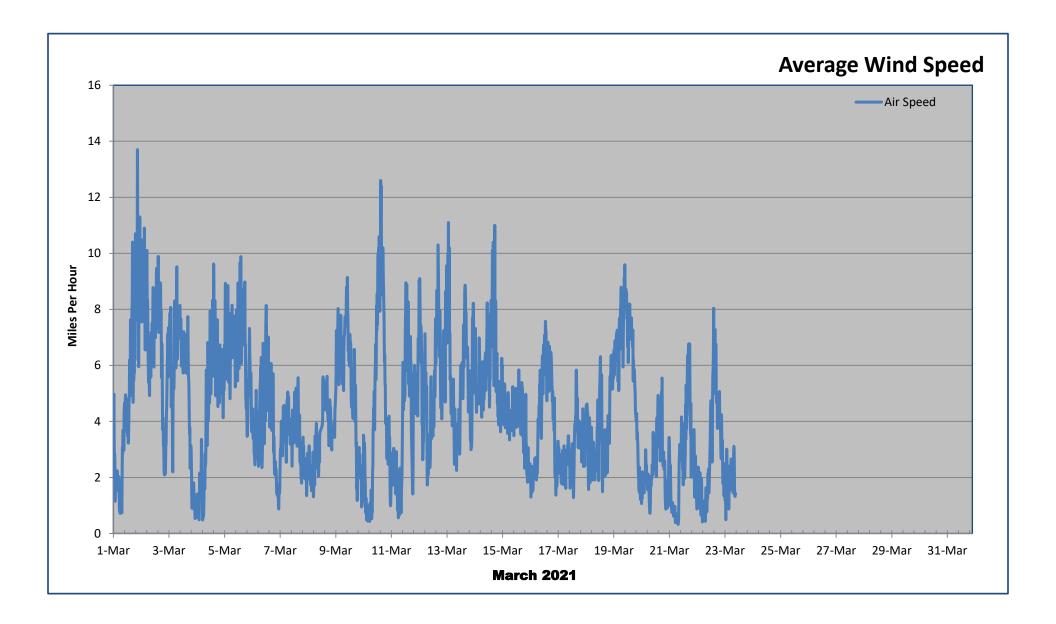


Figure F-42: Temperature

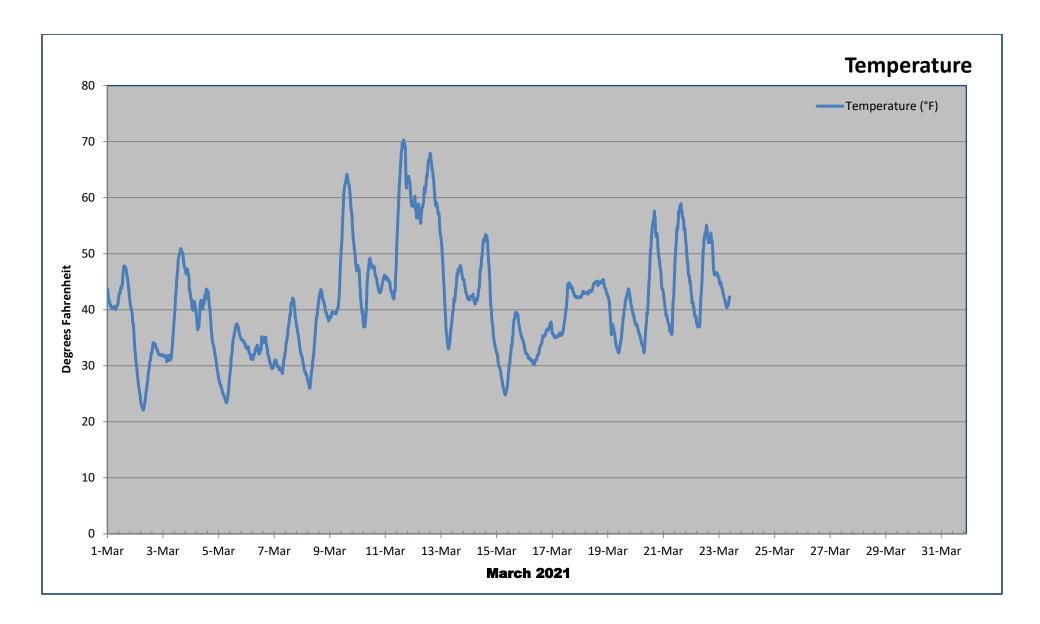


Figure F-43: Relative Humidity

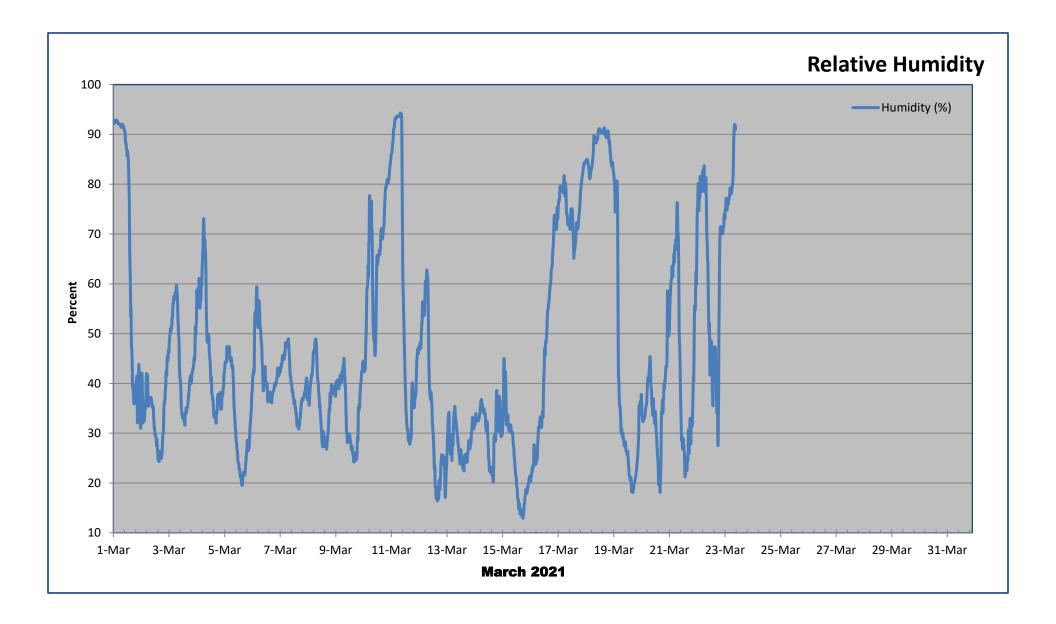


Figure F-44: Monthly Wind-Rose

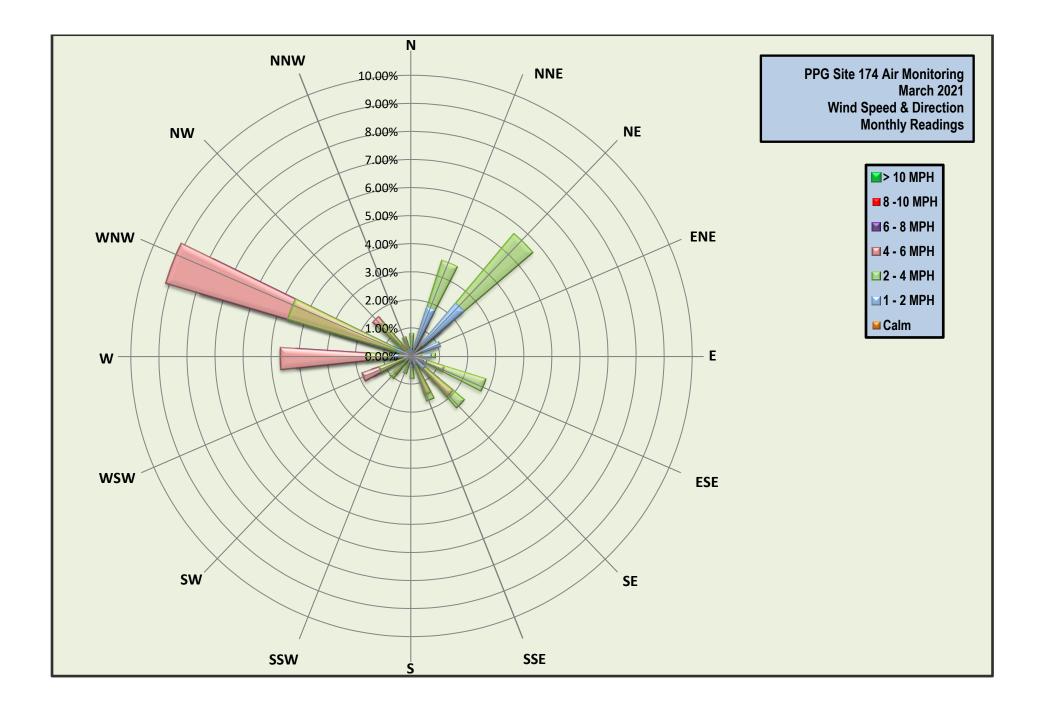


Figure F-45: Wind Speed

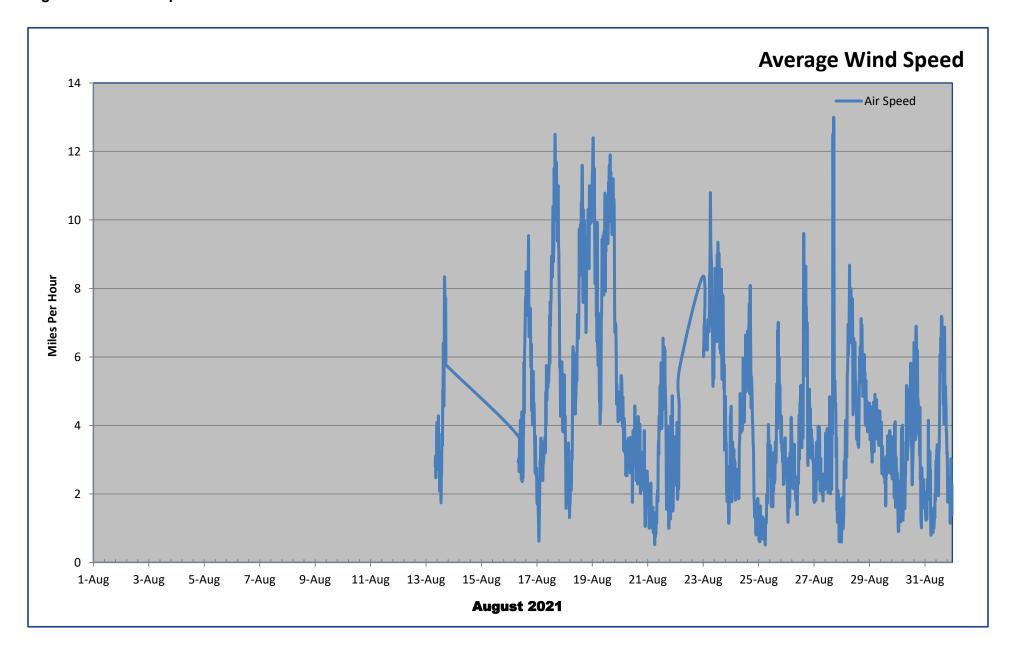


Figure F-46: Temperature

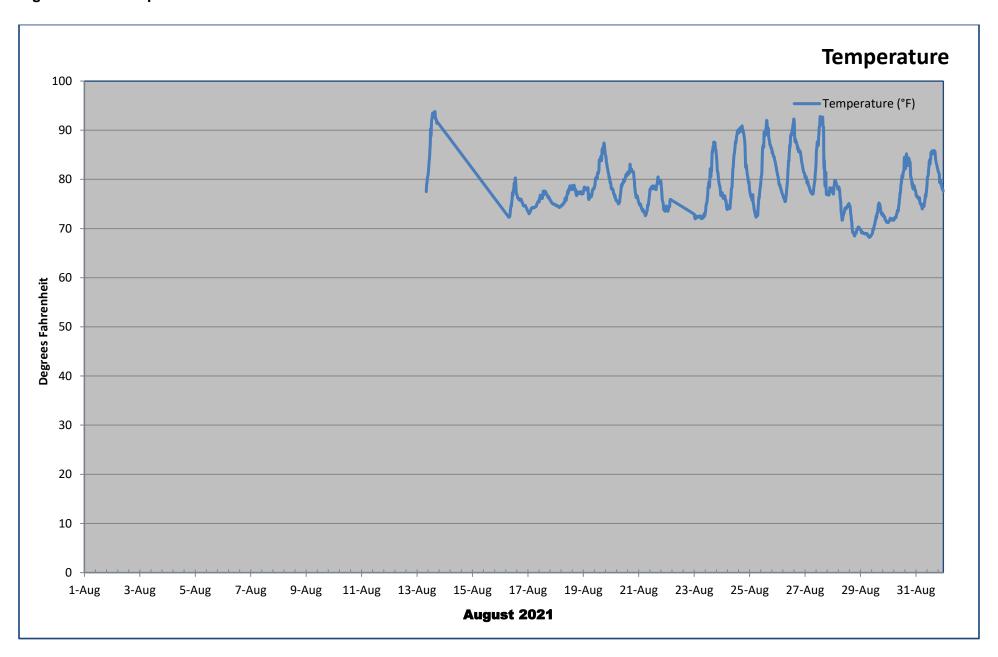


Figure F-47: Relative Humidity

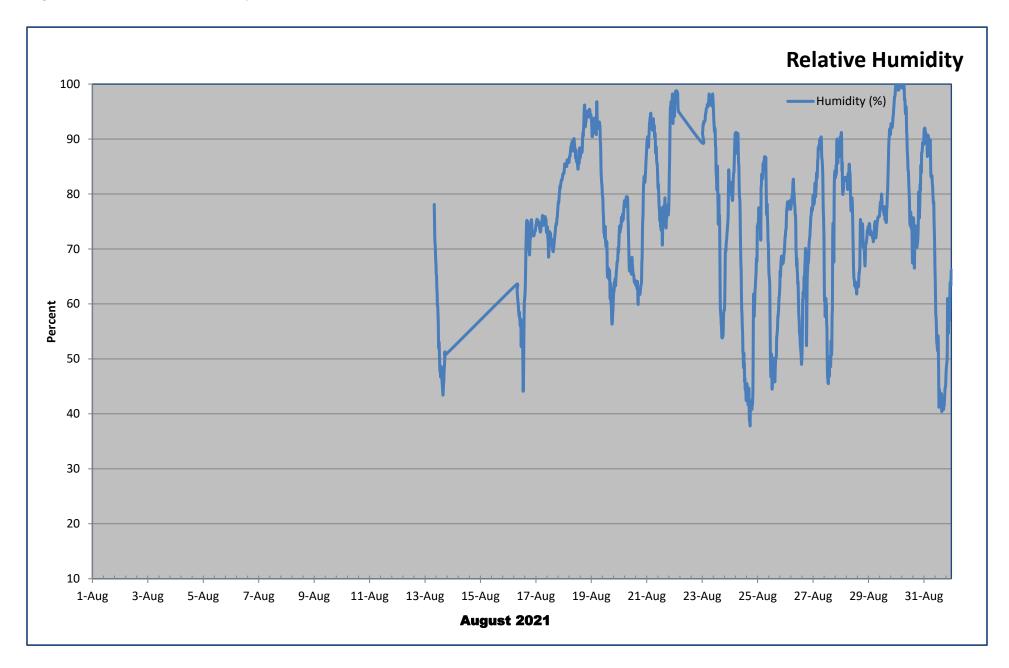


Figure F-48: Monthly Wind-Rose

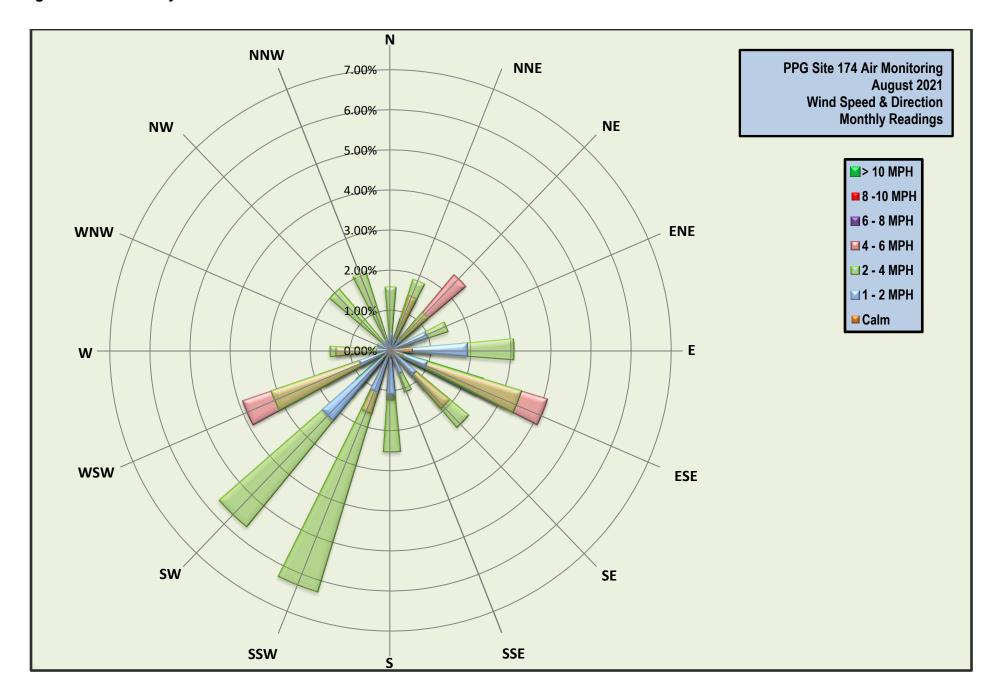


Figure F-49: Wind Speed

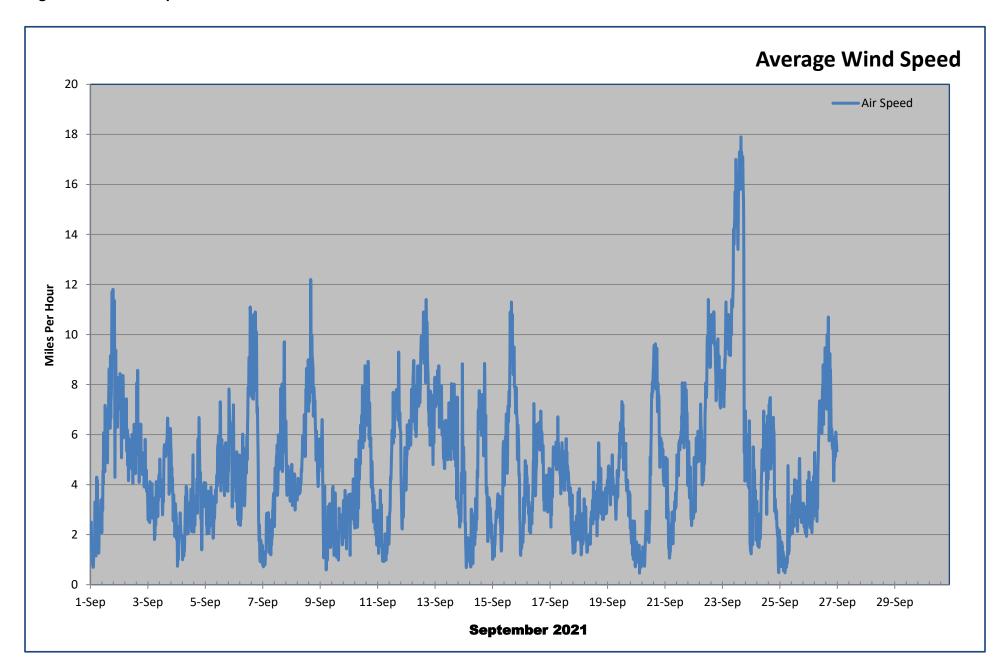


Figure F-50: Temperature

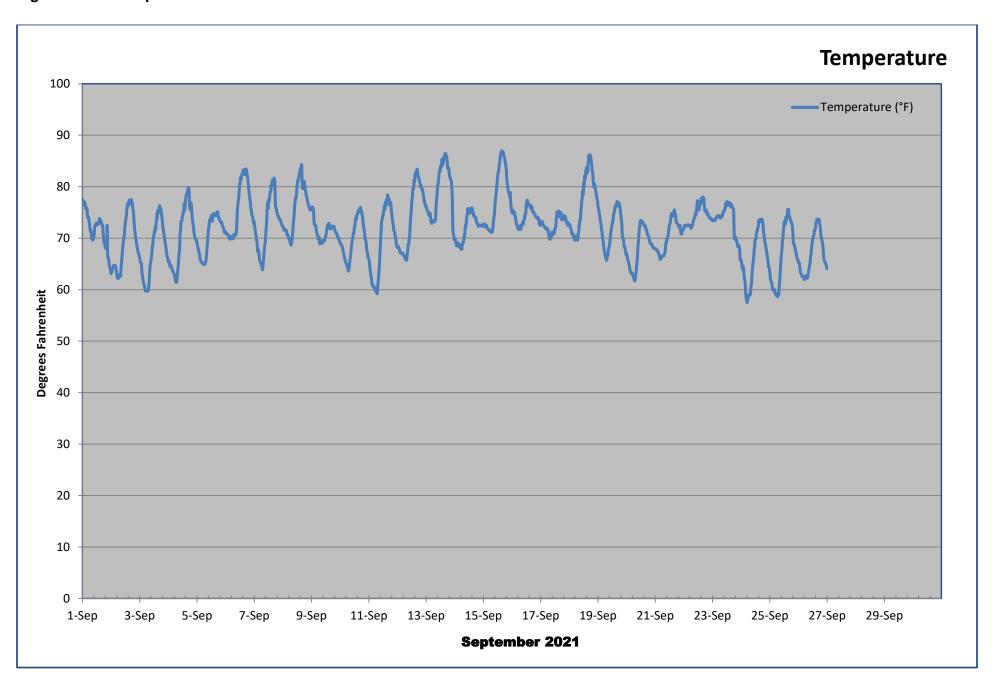


Figure F-51: Relative Humidity

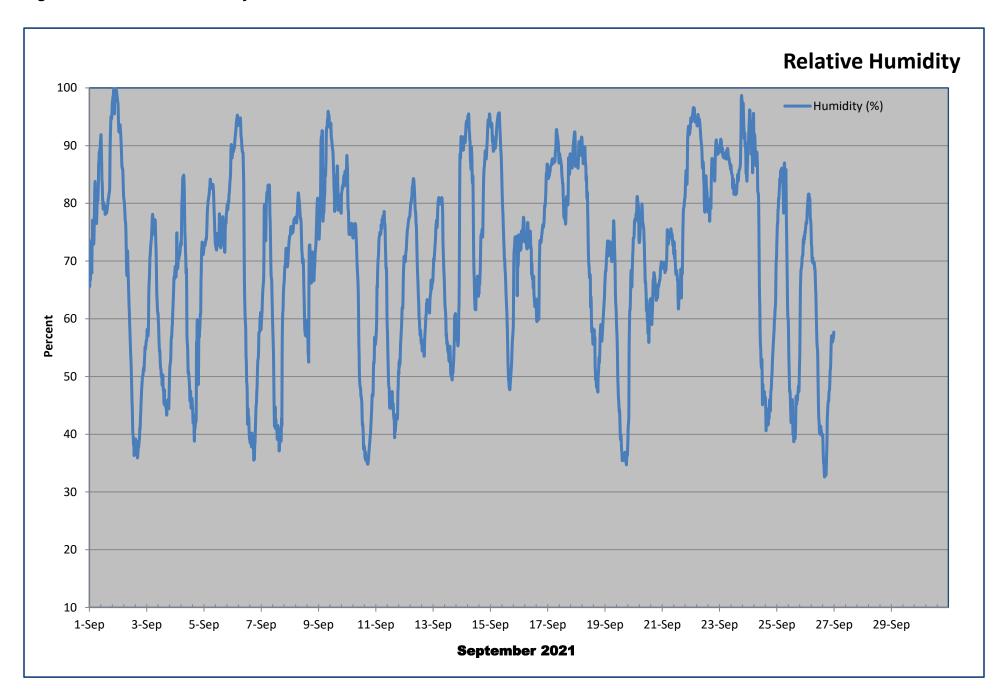
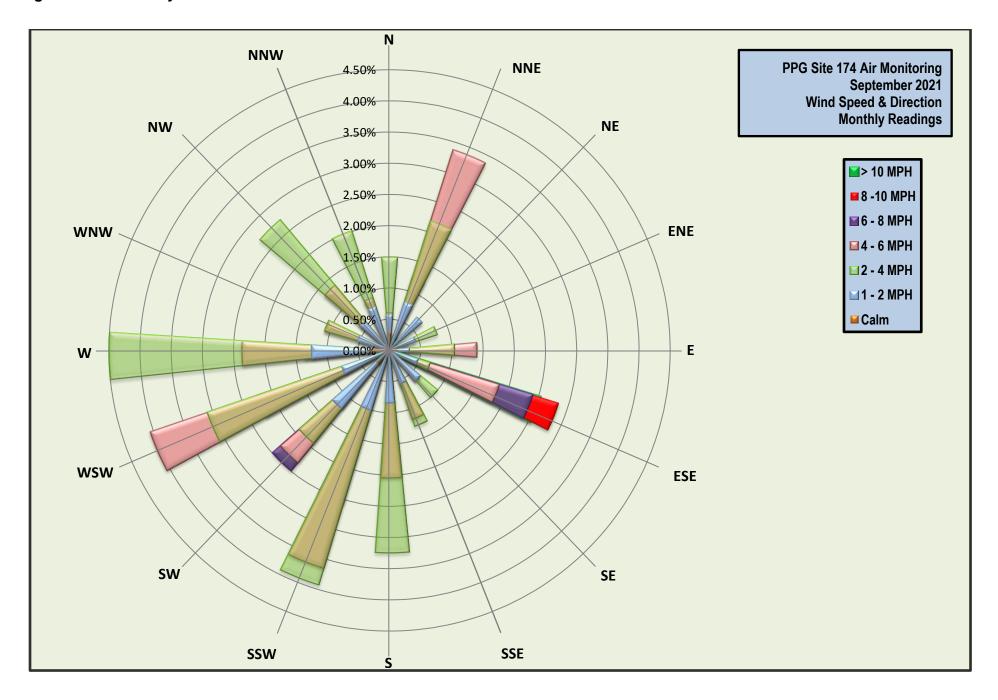


Figure F-52: Monthly Wind-Rose



Appendix G

Site Maps



Legend:



Fenceline AMS

Definitions:

AMS – Air Monitoring Station

(01.07.20 - 01.15.20)



Legend:



Fenceline AMS



Meteorological Station

Definitions:

AMS – Air Monitoring Station

(01.16.20 - 01.21.20)



Legend:



Fenceline AMS



Meteorological Station

Definitions:

AMS – Air Monitoring Station

(01.22.20 - 01.29.20)



Legend:



Fenceline AMS

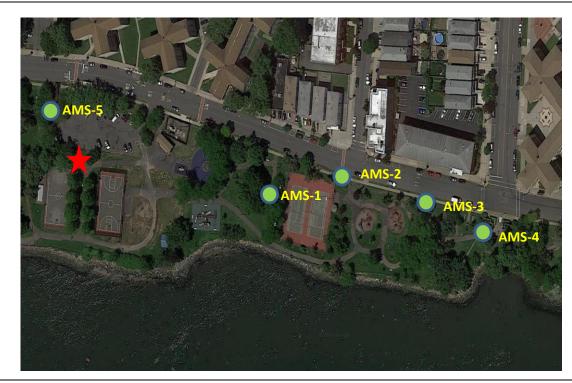


Meteorological Station

Definitions:

AMS – Air Monitoring Station

(01.30.20 - 02.01.20)



Legend:



Fenceline AMS

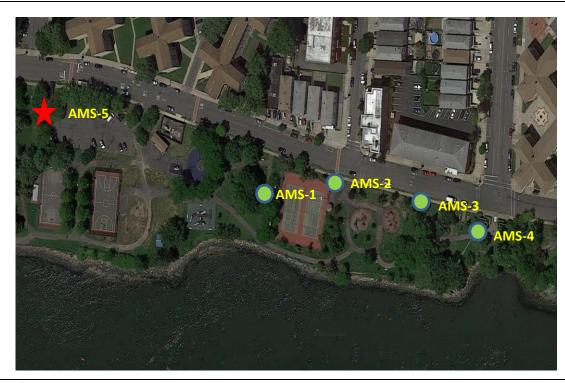


Meteorological Station

Definitions:

AMS – Air Monitoring Station

(02.01.20 - 03.01.20)



Legend:



Fenceline AMS

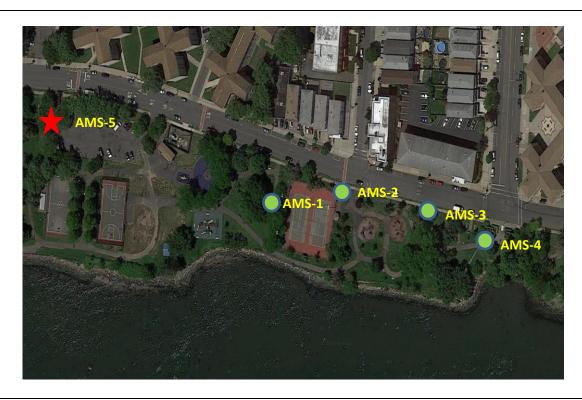


AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(03.01.20 - 03.08.20)



Legend:



Fenceline AMS

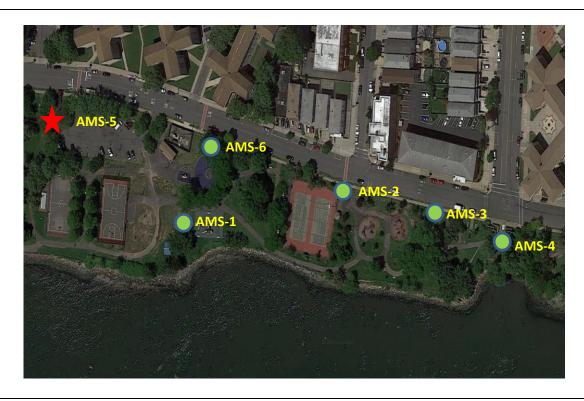


AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(03.09.20 - 03.24.20)



Legend:



Fenceline AMS

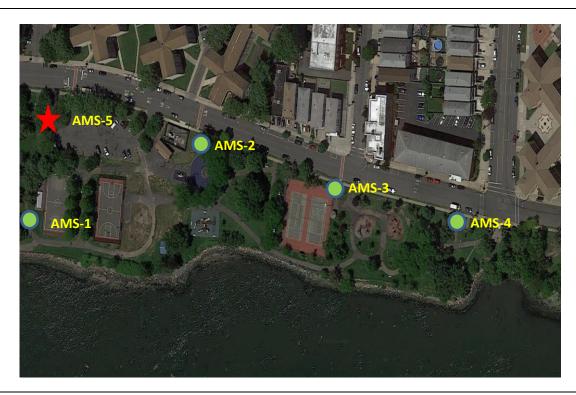


AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(03.25.20 - 04.01.20)



Legend:



Fenceline AMS

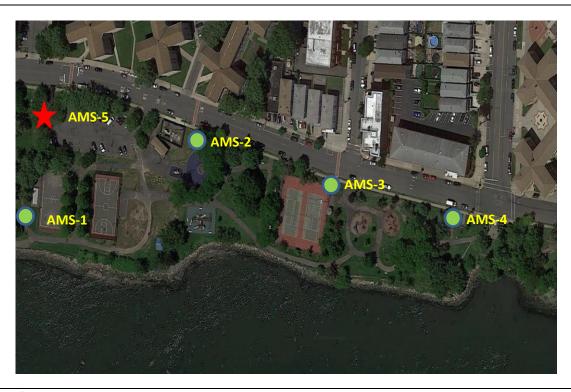


AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(04.01.20 - 04.11.20)



Legend:



Fenceline AMS

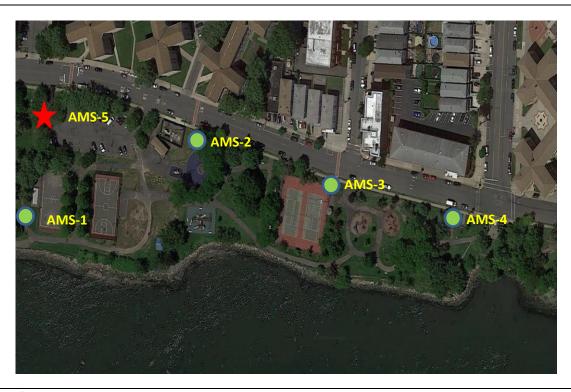


AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(08.31.20 - 09.30.20)



Legend:



Fenceline AMS

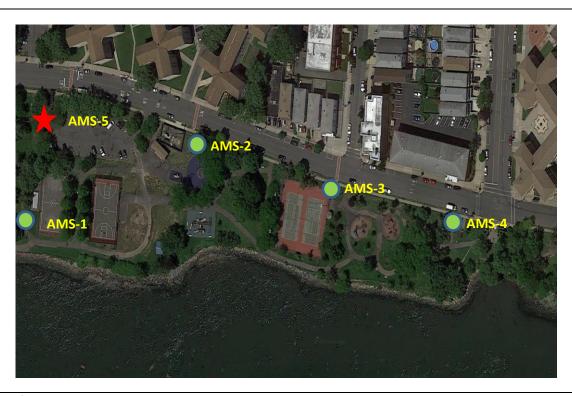


AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(10.01.20 - 10.21.20)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(10.22.20 - 10.26.20)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(10.27.20 - 11.01.20)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(11.01.20 - 11.17.20)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(11.18.20 - 11.30.20)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(12.01.20 - 12.31.20)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(01.01.21 - 01.03.21)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

Ν



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(02.01.21 - 02.08.21)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(02.09.20 - 02.28.21)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

(03.01.21 - 03.22.21)



Legend:



Fenceline AMS



AMS & Meteorological Station

Definitions:

AMS – Air Monitoring Station

V

(08.13.21 - 08.31.21)



Legend:



Fenceline AMS

AMS & Meteorological Station

N

Definitions:

AMS - Air Monitoring Station

(09.01.21 - 09.24.21)



Legend:



Fenceline AMS

AMS & Meteorological Station

N

Definitions:

AMS - Air Monitoring Station

Appendix H

Program-to-date Result Summaries

- Integrated 8-hour Cr⁺⁶ Concentration Summaries
- Integrated 8-hour Total Particulate Concentration Summaries
- Real-time PM¹⁰ Concentrations Summaries
- Short-Term Average 8-Hour Integrated Cr+6 Metrics

Table H- 1: Program-to-date Integrated 8-hour Cr+6 Sampling Results Statistics

	Site 174							
Statistics ¹	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5	AMS 6		
Total Number of Samples ¹	222	222	219	189	176	12		
Rate of Data Collection	100%	100%	100%	100%	100%	100%		
Number of Detected Samples ²	17	14	11	18	33	2		
% of Cr ⁺⁶ Samples Greater than MDL	7.7%	6.3%	5.0%	9.5%	18.8%	16.7%		
Number of Samples Above AAC	0	0	0	0	0	0		
Average % Cr ⁺⁶ in Dust ³	0.018%	0.017%	0.018%	0.017%	0.016%	0.044%		
Maximum % Cr ⁺⁶ in Dust ³	0.063%	0.061%	0.063%	0.067%	0.061%	0.061%		

Results in ng/m³ – nanograms per cubic meter

¹ Total number of samples collected since January 6, 2020. Variations in the number of samples collected are specifically identified in Table A-1 within the report month of the variation. In general variations are caused by sampler malfunctions, site activities, weather conditions, etc.

² Total number of sample results since January 6, 2020, reported above the laboratory reporting limit.

³ The program-to-date average and maximum percent Cr⁺⁶ in dust was calculated using all the integrated Total Particulate and Cr⁺⁶ sample results collected since January 6, 2020.

Table H- 2: Monthly Average Integrated 8-hour Cr⁺⁶ Sampling Results

0	Site 174								
Statistics	AMS 1	AMS 2	AMS3	AMS 4	AMS 5	AMS 6			
January 2020	4.4	6.8	6.0	8.1	3.5	N/A			
February 2020	5.1	5.1	5.5	5.1	1.9	N/A			
March 2020	1.8	10.7	10.7	11.2	3.4	12.7			
April 2020	15.8	15.6	16.0	15.9	5.2	N/A			
September 2020	8.4	7.2	8.7	8.2	1.7	N/A			
October 2020	5.5	5.0	4.8	4.8	1.5	N/A			
November 2020	5.0	6.2	5.1	5.9	1.7	N/A			
December 2020	4.3	6.2	6.3	6.2	1.9	N/A			
January 2021	5.0	5.4	5.9	5.2.	1.7	N/A			
February 2021	7.2	6.6	6.0	6.0	2.0	N/A			
March 2021	4.9	5.1	4.7	5.0	1.7	N/A			
August 2021	4.9	15.8	16.8	N/A	N/A	N/A			
September 2021	5.5	16.5	16.5	N/A	N/A	N/A			
Program to Date	6.3	8.2	8.3	7.2	2.1	12.7			
.ll readings in ng/m³ – nand	ograms per cubic meter	N/A – Not Applicable				•			

Table H- 3: Program-to-date Integrated Total Particulate 8-hour Sampling Results Statistics

Otatiatia.	Site 174							
Statistics	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5	AMS 6		
Total Number of Samples ¹	222	222	219	189	176	12		
Rate of Data Collection	100%	100%	100%	100%	100%	100%		
Number of Detected Samples ²	25	30	18	7	30	0		
% Detection	11.3%	13.5%	8.2%	3.7%	17.0%	0.0%		

Results in ng/m³ – nanograms per cubic meter

¹ Total number of samples collected since January 6, 2020. Variations in the number of samples collected are specifically identified in Table A-1 within the report month of the variation. In general variations are caused by sampler malfunctions, site activities, weather conditions, etc.

² Total number of sample results since January 6, 2020, reported above the laboratory reporting limit.

Table H- 4: Monthly Average Integrated 8-hour Total Particulate Sampling Results

			Site	174		
Statistics	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5	AMS 6
January 2020	37.4	58.4	54.1	56.0	41.0	N/A
February 2020	63.3	51.7	47.3	50.5	14.5	N/A
March 2020	34.9	43.7	36.9	40.5	11.7	31.8
April 2020	26.3	29.9	26.6	26.6	16.9	N/A
September 2020	48.2	72.9	62.2	49.7	12.9	N/A
October 2020	59.3	52.9	50.3	47.3	11.4	N/A
November 2020	42.0	55.1	48.9	49.2	12.9	N/A
December 2020	42.8	56.9	55.2	54.1	16.4	N/A
January 2021	49.2	52.9	59.2	50.7	25.3	N/A
February 2021	61.0	66.3	60.0	60.0	12.6	N/A
March 2021	47.9	49.5	55.7	49.3	17.5	N/A
August 2021	34.8	52.4	46.3	N/A	N/A	N/A
September 2021	21.9	57.4	42.9	N/A	N/A	N/A
Program to Date	43.0	54.5	50.1	49.2	15.6	31.8
All readings in µg/m³ -	- micrograms per cub	ic meter N/A – Not App	licable			

Table H- 5: Monthly Average Real-Time PM₁₀ Monitoring Results

Oct day			Site	e 174		
Statistics	AMS 1	AMS 2	AMS 3	AMS 4	AMS 5	AMS 6
January 2020	7.7	22.5	21.4	80.6	15.6	N/A
February 2020	10.4	25.0	26.2	32.7	24.0	N/A
March 2020	9.0	22.4	22.2	44.9	14.3	18.1
April 2020	5.7	13.2	14.0	45.7	11.5	N/A
September 2020	26.5	31.3	24.2	26.1	16.7	N/A
October 2020	21.7	26.3	27.4	36.8	17.6	N/A
November 2020	26.4	35.2	29.6	39.5	24.3	N/A
December 2020	27.1	35.4	31.1	26.5	27.3	N/A
January 2021	38.6	43.8	35.3	36.8	22.3	N/A
February 2021	30.4	36.1	36.9	39.3	19.7	N/A
March 2021	28.1	36.7	23.1	31.9	16.1	N/A
August 2021	23.3	21.5	24.3	N/A	N/A	N/A
September 2021	18.2	15.0	15.3	N/A	N/A	N/A
Program to Date	19.4	28.2	25.3	39.6	18.7	18.1
All readings in µg/m³ –	- micrograms per cub	pic meter N/A – Not App	licable			

Table H - 6: Short-Term Average 8-Hour Integrated Cr⁺⁶ Metrics

Running Cr ⁺⁶ Metrics			Site 174					
		Metric	AMS-1	AMS-2	AMS-3	AMS-4	AMS-5	AMS-6
		(ng/m^3)	(ng/m ³)					
	30 day	400	NA	NA	NA	NA	NA	NA
Jan-2020	60 day	300	NA	NA	NA	NA	NA	NA
	90 day	200	NA	NA	NA	NA	NA	NA
	30 day	400	5.5	5.5	5.5	5.5	5.3	NA
Feb-2020	60 day	300	NA	NA	NA	NA	NA	NA
	90 day	200	NA	NA	NA	NA	NA	NA
	30 day	400	11.8	10.7	10.7	11.2	3.4	12.7
Mar-2020	60 day	300	8.6	8.0	8.2	8.3	2.6	12.7
	90 day	200	NA	NA	NA	NA	NA	NA
	30 day	400	15.8	15.6	16.0	15.9	5.2	NA
Apr-2020	60 day	300	12.9	12.0	12.1	12.5	3.9	12.7
	90 day	200	9.7	9.2	9.5	9.5	3.0	12.7
	30 day	400	4.8	23.0	16.0	17.0	1.6	NA
Aug-2020	60 day	300	4.8	23.0	16.0	17.0	1.6	NA
	90 day	200	4.8	23.0	16.0	17.0	1.6	NA
	30 day	400	8.4	7.2	8.7	8.2	1.8	NA
Sep-2020	60 day	300	10.9	10.3	10.8	10.8	3.0	NA
	90 day	200	9.3	8.8	9.3	9.2	2.6	NA
	30 day	400	5.4	5.0	5.4	5.1	1.4	NA
Oct-2020	60 day	300	9.3	8.9	9.3	9.2	2.3	NA
	90 day	200	8.6	8.1	8.5	8.4	2.4	NA
	30 day	400	5.3	5.8	5.1	5.6	1.7	NA
Nov-2020	60 day	300	6.3	6.1	6.3	6.2	1.7	NA
	90 day	200	8.6	8.4	8.4	8.6	2.4	NA
	30 day	400	4.4	6.3	6.3	6.2	1.9	NA
Dec-2020	60 day	300	4.7	6.2	5.7	6.0	2.0	NA
	90 day	200	5.0	5.8	5.5	5.7	1.7	NA
	30 day	400	5.0	5.4	5.9	5.2	1.7	NA
Jan-2021	60 day	300	4.7	5.8	6.1	5.8	1.8	NA
	90 day	200	4.8	5.9	5.8	5.8	1.9	NA
	30 day	400	5.7	5.9	6.0	5.5	1.8	NA
Feb-2021	60 day	300	5.0	6.0	5.9	5.6	1.9	NA
	90 day	200	5.1	5.7	5.7	5.6	1.7	NA
	30 day	400	5.4	5.5	5.5	5.3	1.6	NA
Mar-2021	60 day	300	4.9	5.7	5.8	5.6	1.9	NA
	90 day	200	5.1	5.7	5.5	5.6	1.8	NA
	30 day	400	5.1	10.2	10.4	NA	NA	NA
Aug-2021	60 day	300	5.2	7.8	8.3	NA	NA	NA
	90 day	200	5.0	7.3	7.3	NA	NA	NA
	30 day	400	5.2	16.2	16.6	NA	NA	NA
Sep-2021	60 day	300	5.3	10.9	11.3	NA	NA	NA
	90 day	200	5.0	9.2	9.5	NA	NA	NA

ng/m3 – nanograms per cubic meter N/A – Not Applicable (not enough results collected to calculate specific metric at end of month)

^{1.} Running Cr+6 metrics were utilized to provide for the early and regular assessment of performance trends and, if necessary, allow for responsive corrective measures to be implemented ensuring that emissions of Cr+6 are maintained well below the AAC over the duration of the project, and were minimized to the greatest extent practicable. The running Cr+6 metrics were designed to evaluate the program success on short duration intervals (monthly) and do not represent the long-term (program) ending success.

^{2.} Running Cr+6 metrics are valid as of 9/24/2021 and include the previous 30, 60, or 90-days of sample results from the end of the months.

Appendix I

Lab Results



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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000049

Date Received: 01/09/2020 Date Reported: 01/16/2020

Location: Site 174

Lab ID: 2000049-01 Sample ID: 4076-2440		Date Sampled: 01/01/2020 Air Volume:780 Liters
Sample Description: AMS 1 010120	Total Mass	Matrix: PVC Filter - preweighed Concentration
Analyte Tetal Portionless	Total Mass	
Total Particulates	< 100 μg	< 0.13 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000013 \text{ mg/m}^3$
Lab ID: 2000049-02 Sample ID: 4076-2441		Date Sampled: 01/01/2020 Air Volume:832 Liters
Sample Description: AMS 2 010120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.12 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$
Lab ID: 2000049-03 Sample ID: 4076-2442		Date Sampled: 01/01/2020 Air Volume:814 Liters
Sample Description: AMS 3 010120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000013 \text{ mg/m}^3$
Lab ID: 2000049-04 Sample ID: 4076-2443		Date Sampled: 01/01/2020 Air Volume:816 Liters
Sample Description: AMS 4 010120		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.12 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000013 \text{ mg/m}^3$
Lab ID: 2000049-05 Sample ID: 4076-2436		Date Sampled: 01/02/2020 Air Volume:1027 Liters
Sample Description: AMS 1 010220		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.097 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2000049-06 Sample ID: 4076-2437		Date Sampled: 01/02/2020 Air Volume:1046 Liters
Sample Description: AMS 2 010220	Т 4 134	Matrix: PVC Filter - preweighed
Analyte To all Paris I are	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000099 \mathrm{mg/m^3}$
Lab ID: 2000049-07 Sample ID: 4076-2438		Date Sampled: 01/02/2020 Air Volume:1015 Liters
Sample Description: AMS 3 010220		Matrix: PVC Filter - preweighed

Concentration

Total Mass

	1.0	Č
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2000049-08 Sample ID: 4076-2439		Date Sampled: 01/02/2020 Air Volume:1054 Liters
Sample Description: AMS 4 010220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.095 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000098 \text{ mg/m}^3$
Lab ID: 2000049-09 Sample ID: 4076-2433		Date Sampled: 01/03/2020 Air Volume:851 Liters
Sample Description: AMS 1 010320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{ mg/m}^3$
Lab ID: 2000049-10 Sample ID: 4076-2432		Date Sampled: 01/03/2020 Air Volume:867 Liters
Sample Description: AMS 2 010320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{ mg/m}^3$
Lab ID: 2000049-11 Sample ID: 4076-2435		Date Sampled: 01/03/2020 Air Volume:875 Liters
Sample Description: AMS 3 010320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 mg/m^3$
Lab ID: 2000049-12 Sample ID: 4076-2434		Date Sampled: 01/03/2020 Air Volume:909 Liters
Sample Description: AMS 4 010320	m	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000049-13 Sample ID: 4076-1101		Date Sampled: Not Provided
Sample Description: Lab Blank	TD (134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	
Total Particulates	< 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	
Lab ID: 2000049-14 Sample ID: 4076-1389	< 0.010 μg	Date Sampled: Not Provided
Lab ID: 2000049-14 Sample ID: 4076-1389 Sample Description: Lab Blank		Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Sample Description: Lab Blank <u>Analyte</u>	<u>Total Mass</u>	•
Lab ID: 2000049-14 Sample ID: 4076-1389 Sample Description: Lab Blank		•

 $100~\mu g$

 $0.099\,mg/m^{\scriptscriptstyle 3}$

Folder Comments:

Total Particulates

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	01/15/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	01/10/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

 Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million
 Greater than pg milligrams pgm^3 milligrams per cubic meter ppm parts per million
 parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law

Approved by:

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000087

Date Received: 01/14/2020 Date Reported: 01/24/2020 Location: PPG/Site 174

	Date Sampled: 01/06/2020 Air Volume:829 Liters
	Date Sampled: 01/06/2020 Air Volume:829 Liters Matrix: PVC Filter - preweighed
Total Mass	Concentration
<u> </u>	< 0.12 mg/m ³
	< 0.000013 mg/m ³
01010 MB	
	Date Sampled: 01/06/2020 Air Volume:820 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.12 \text{ mg/m}^3$
$<$ 0.010 μg	$< 0.000013 \text{ mg/m}^3$
	Date Sampled: 01/06/2020 Air Volume:894 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	< 0.11 mg/m ³
$<$ 0.010 μg	$< 0.000012 \text{ mg/m}^3$
	Date Sampled: 01/06/2020 Air Volume:834 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	< 0.12 mg/m ³
$<$ 0.010 μg	$< 0.000012 mg/m^3$
	Date Sampled: 01/07/2020 Air Volume:901 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	< 0.11 mg/m ³
$<$ 0.010 μg	$< 0.000012 mg/m^3$
	Date Sampled: 01/07/2020 Air Volume:918 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	< 0.11 mg/m ³
0.011 μg	$0.000012\mathrm{mg/m^3}$
	Date Sampled: 01/07/2020 Air Volume:903 Liters
	Date Sampled. 01/0//2020 All volume.705 Effects
	Total Mass < 100 μg < 0.010 μg

Concentration

Laboratory Number: 2000087

Total Mass

Lab ID: 2000087-16 Sample ID: 4076-2421		Date Sampled: 01/09/2020 Air Volume:752 Liters
Sample Description: AMS4 010920		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.13 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	0.013 μg	0.000017mg/m^3
Lab ID: 2000087-17 Sample ID: 4076-2457		Date Sampled: 01/10/2020 Air Volume:976 Liters
Sample Description: AMS1 011020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	0.000011 mg/m^3
Lab ID: 2000087-18 Sample ID: 4076-2462		Date Sampled: 01/10/2020 Air Volume:962 Liters
Sample Description: AMS2 011020	m / 136	Matrix: PVC Filter - preweighed
Analyte Tital Paris I de	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000087-19 Sample ID: 4076-2456		Date Sampled: 01/10/2020 Air Volume:914 Liters
Sample Description: AMS3 011020	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte Table 1. Tabl	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000087-20 Sample ID: 4076-2451		Date Sampled: 01/10/2020 Air Volume:898 Liters
Sample Description: AMS4 011020	Total Mass	Matrix: PVC Filter - preweighed Concentration
Analyte Total Particulates	<u>100ai Wass</u> 100 μg	0.12 mg/m³
		ě
Chromium (VI) Compounds, as Cr (OSHA)	0.020 μg	$0.000022 mg/m^3$
Lab ID: 2000087-21 Sample ID: 4076-2427 Sample Description: Blank		Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Sample Description: Blank Analyte	<u>Total Mass</u>	Matrix. TVC Fitter - preweighed
Total Particulates	< 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)		
Cinomium (v1) Compounds, as Cr (OSriA)	< 0.010 μg	
Lab ID: 2000087-22 Sample ID: 4076-2429 Sample Description: Blank		Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Sample Description: Blank Analyte	<u>Total Mass</u>	matrix. Tve riner - preweighed
Total Particulates	< 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	
Folder Comments:		

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	01/23/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	01/16/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

< Less than μg micrograms μg/m³ micrograms per cubic meter ppm parts per million
> Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

Approved by:

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000135

Date Received: 01/21/2020
Date Reported: 01/29/2020
Location: PPG/Site 174

FLORHAM PARK, NJ 07932			
Lab ID: 2000135-01 Sample ID: 4076-2694		Date Sampled: 01/14/2020 Air Volume:2901 l	Liters
Sample Description: AMS1 011420		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000036 \text{ mg/m}^3$	
Lab ID: 2000135-02 Sample ID: 4076-2461		Date Sampled: 01/13/2020 Air Volume:875 L	iters
Sample Description: AMS2 011320	W / 134	Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \mathrm{mg/m^3}$	
Lab ID: 2000135-03 Sample ID: 4076-2458		Date Sampled: 01/13/2020 Air Volume:896 L	iters
Sample Description: AMS3 011320	T 4 1M	Matrix: PVC Filter - preweighed	
Analyte To a 1 Position 1	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \mathrm{mg/m^3}$	
Lab ID: 2000135-04 Sample ID: 4076-2463		Date Sampled: 01/13/2020 Air Volume:892 L	iters
Sample Description: AMS4 011320		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$	
Lab ID: 2000135-05 Sample ID: 4076-2448		Date Sampled: 01/15/2020 Air Volume:2902 l	Liters
Sample Description: AMS1 011520		Matrix: PVC Filter - preweighed	
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.034 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000036 \text{ mg/m}^3$	
Lab ID: 2000135-06 Sample ID: 4076-2445		Date Sampled: 01/14/2020 Air Volume:921 L	iters
Sample Description: AMS2 011420		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2000135-07 Sample ID: 4076-2444		Date Sampled: 01/14/2020 Air Volume:913 L	iters
Sample Description: AMS3 011420		Matrix: PVC Filter - preweighed	

Page 1 of 4

Concentration

Laboratory Number: 2000135

Total Mass

Lab ID: 2000135-15 Sample ID: 4076-2452 Sample Description: AMS3 011620	Total Mass < 100 μg	Date Sampled: 01/16/2020 Air Volume:905 Liters Matrix: PVC Filter - preweighed Concentration < 0.11 mg/m³
	<u>Total Mass</u>	Matrix: PVC Filter - preweighed
Lab ID: 2000135-15 Sample ID: 4076-2452		
Chromium (VI) Compounds, as Cr (OSHA)		
	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Total Particulates	< 100 μg	< 0.11 mg/m ³
nalyte	Total Mass	Concentration
Lab ID: 2000135-14 Sample ID: 4076-2454 Sample Description: AMS2 011620		Date Sampled: 01/16/2020 Air Volume:935 Liters Matrix: PVC Filter - preweighed
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000037 \text{ mg/m}^3$
Fotal Particulates	< 100 μg	< 0.036 mg/m ³
Analyte	Total Mass	Concentration
Sample Description: AMS1 011720	T 4 134	Matrix: PVC Filter - preweighed
Lab ID: 2000135-13 Sample ID: 4076-2449		Date Sampled: 01/17/2020 Air Volume:2781 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³
Fotal Particulates	< 100 μg	< 0.11 mg/m³
Sample Description: AMS4 011520 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
Lab ID: 2000135-12 Sample ID: 4076-2455		Date Sampled: 01/15/2020 Air Volume:914 Liters
		·
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
otal Particulates	< 100 μg	< 0.11 mg/m ³
Analyte	<u>Total Mass</u>	Concentration
Lab ID: 2000135-11 Sample ID: 4076-2467 Sample Description: AMS3 011520		Date Sampled: 01/15/2020 Air Volume:913 Liters Matrix: PVC Filter - preweighed
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Total Particulates	< 100 μg	< 0.11 mg/m ³
<u>Analyte</u>	Total Mass	Concentration
Lab ID: 2000135-10 Sample ID: 4076-2468 Sample Description: AMS2 011520		Date Sampled: 01/15/2020 Air Volume:941 Liters Matrix: PVC Filter - preweighed
ab ID. 2000125 10 Sample ID. 4077 2470		Data Samulada 01/15/2020 Air Valuma 041 Litera
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000035 mg/m ³
Analyte Total Particulates	<u>10tai Wass</u> < 100 μg	< 0.034 mg/m ³
Sample Description: AMS1 011620	Total Mass	Matrix: PVC Filter - preweighed Concentration
Lab ID: 2000135-09 Sample ID: 4076-2466		Date Sampled: 01/16/2020 Air Volume:2983 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Total Particulates	< 100 μg	< 0.11 mg/m ³
<u>Analyte</u>	Total Mass	Concentration
Sample Description: AMS4 011420		Matrix: PVC Filter - preweighed
Lab ID: 2000135-08 Sample ID: 4076-2450		Date Sampled: 01/14/2020 Air Volume:950 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
T ' (VII) C 1 C (OCIIA)	< 100 μg	< 0.11 mg/m ³
otal Particulates	/ 100	0 11 /3

Lab ID: 2000135-16 Sample ID: 4076-2460		Date Sampled: 01/16/2020 Air Volume:850 Liters
Sample Description: AMS4 011620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 mg/m^3$
Lab ID: 2000135-17 Sample ID: 4076-2447		Date Sampled: 01/20/2020 Air Volume:8638 Liter
Sample Description: AMS1 012020		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.012 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000012 \text{mg/m}^3$
Lab ID: 2000135-18 Sample ID: 4076-2459		Date Sampled: 01/17/2020 Air Volume:912 Liters
Sample Description: AMS2 011720	Total Mass	Matrix: PVC Filter - preweighed
Analyte Total Particulator	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<~0.010~\mu \mathrm{g}$	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000135-19 Sample ID: 4076-2446 Sample Description: AMS3 011720		Date Sampled: 01/17/2020 Air Volume:869 Liters
Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	$< 0.12 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 mg/m^3$
Lab ID: 2000135-20 Sample ID: 4076-2465		Date Sampled: 01/17/2020 Air Volume:890 Liters
Sample Description: AMS4 011720 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
		č
Chromium (VI) Compounds, as Cr (OSHA)	$<~0.010~\mu \mathrm{g}$	$< 0.000012 mg/m^3$
Lab ID: 2000135-21 Sample ID: 4076-2482 Sample Description: Blank		Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Analyte	Total Mass	promorganu
Total Particulates	< 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	
ememon (11) compounds, as cr (OSIII1)	. υ.υτυ μg	
Lab ID: 2000135-22 Sample ID: 4076-2483 Sample Description: Blank		Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Analyte	Total Mass	r-sin-grea
Total Particulates	< 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	
Cinomium (*1) Compounds, as Ci (OSHA)	ν υ.υτυ μg	
Folder Comments:		

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	01/28/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	01/22/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Less than parts per million micrograms per cubic meter micrograms $\mu g/m^3$ ppm Greater than mg milligrams milligrams per cubic meter parts per billion

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Approved by:

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000206

Date Received: 01/29/2020
Date Reported: 02/06/2020
Location: PPG/Site 174

FLORHAM PARK, NJ 07932		
Lab ID: 2000206-01 Sample ID: 4076-2491		Date Sampled: 01/21/2020 Air Volume:2867 Liters
Sample Description: AMS1 012120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$0.020~\mu g$	0.0000068 mg/m^3
Lab ID: 2000206-02 Sample ID: 4076-2487		Date Sampled: 01/20/2020 Air Volume:876 Liters
Sample Description: AMS2 012020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	0.012 μg	$0.000014 mg/m^3$
Lab ID: 2000206-03 Sample ID: 4076-2489		Date Sampled: 01/20/2020 Air Volume:895 Liters
Sample Description: AMS3 012020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000012 mg/m^3$
Lab ID: 2000206-04 Sample ID: 4076-2492		Date Sampled: 01/20/2020 Air Volume:946 Liters
Sample Description: AMS4 012020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000206-05 Sample ID: 4076-2488		Date Sampled: 01/22/2020 Air Volume:2929 Liters
Sample Description: AMS1 012220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000035 mg/m^3$
Lab ID: 2000206-06 Sample ID: 4076-2493		Date Sampled: 01/21/2020 Air Volume:903 Liters
Sample Description: AMS2 012120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	$0.000012mg/m^3$
Lab ID: 2000206-07 Sample ID: 4076-2490		Date Sampled: 01/21/2020 Air Volume:867 Liters
Sample Description: AMS3 012120		Matrix: PVC Filter - preweighed

Page 1 of 4

Concentration

Laboratory Number: 2000206

Total Mass

Chromium (VI) Compounds, as Cr (OSHA)	$< 0.010 \mu g$	$< 0.000012 \mathrm{mg/m^3}$	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
<u>analyte</u>	<u>Total Mass</u>	Concentration	
ab ID: 2000206-15 Sample ID: 4076-2470 ample Description: AMS3 012320		Date Sampled: 01/23/2020 Air Volume:877 Li Matrix: PVC Filter - preweighed	ters
hromium (VI) Compounds, as Cr (OSHA)	0.012 μg	0.000013 mg/m ³	
otal Particulates	150 µg	$0.16\mathrm{mg/m^3}$	
<u>nalyte</u>	Total Mass	Concentration	
ample Description: AMS2 012320		Matrix: PVC Filter - preweighed	
ab ID: 2000206-14 Sample ID: 4076-2469		Date Sampled: 01/23/2020 Air Volume:935 Li	iters
Chromium (VI) Compounds, as Cr (OSHA)	0.017 μg	$0.0000054 mg/m^3$	
Total Particulates	170 μg	$0.054\mathrm{mg/m^3}$	
<u>analyte</u>	<u>Total Mass</u>	Concentration	
ab ID: 2000206-13 Sample ID: 4076-2478 ample Description: AMS1 012420		Date Sampled: 01/24/2020 Air Volume:3074 I Matrix: PVC Filter - preweighed	Liters
Chromium (VI) Compounds, as Cr (OSHA)	0.034 μg	0.000037 mg/m^3	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Sample Description: AMS4 012220		Matrix: PVC Filter - preweighed	
ab ID: 2000206-12 Sample ID: 4076-2476		Date Sampled: 01/22/2020 Air Volume:901 Li	ters
anonnam (*1) compounds, as Ci (OSHA)	- 0.010 μg	. 0.000011 mg/m	
Otal Particulates Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³	
otal Particulates	<u>10tai Wiass</u> < 100 μg	Concentration < 0.11 mg/m³	
Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed	
Lab ID: 2000206-11 Sample ID: 4076-2485		Date Sampled: 01/22/2020 Air Volume:912 Li	ters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Sample Description: AMS2 012220		Matrix: PVC Filter - preweighed	
Lab ID: 2000206-10 Sample ID: 4076-2479		Date Sampled: 01/22/2020 Air Volume:931 Li	iters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000036 \text{ mg/m}^3$	
Cotal Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$	
Analyte	<u>Total Mass</u>	Concentration	
Lab ID: 2000206-09 Sample ID: 4076-2484 Sample Description: AMS1 012320		Date Sampled: 01/23/2020 Air Volume:2886 I Matrix: PVC Filter - preweighed	iters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$	
Total Particulates	$<$ 100 μ g	< 0.11 mg/m ³	
<u>Analyte</u>	Total Mass	Concentration	
Sample Description: AMS4 012120		Matrix: PVC Filter - preweighed	
Lab ID: 2000206-08 Sample ID: 4076-2486		Date Sampled: 01/21/2020 Air Volume:901 Li	ters
monisin (11) compounds, as of (OSHA)	ν σ.στο μg	. 0.000012 mg/m	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000012 mg/m ³	
otal Particulates	< 100 μg	$< 0.12 \text{ mg/m}^3$	

Lab ID: 2000206-16	Sample ID: 4076-2472				mpled: 01/23/2020	Air Volume:893 Liters
Sample Description:	AMS4 012320	T	4 134	Matrix:	PVC Filter - prewei	ghed
Analyte			otal Mass		Concentration	
Total Particulates		<	100 µg	<	0.11 mg/m^3	
Chromium (VI) Compo	ounds, as Cr (OSHA)	<	0.010 μg	<	0.000012mg/m^3	
	Sample ID: 4076-2520				mpled: 01/27/2020	Air Volume:8968 Liters
Sample Description:	AMS1 012720			Matrix:	PVC Filter - prewei	ghed
Analyte		<u>T(</u>	otal Mass		Concentration	
Total Particulates			110 μg		$0.012\mathrm{mg/m^3}$	
Chromium (VI) Compo	ounds, as Cr (OSHA)		0.015 μg		0.0000016mg/m^3	
Sample Comments:	4076.0400	1 1 2011	and the	a		. 2520
	4076-2420 was listed on the sar	npie submittal sheet	. The sample t			
Sample Description:	Sample ID: 4076-2474 AMS2 012420				mpled: 01/24/2020 PVC Filter - prewei	Air Volume:1027 Liters
Analyte	TANADE VIETEV	Ta	otal Mass	mati ix.	Concentration	Suca
Total Particulates		<u> </u>	100 μg	<	0.097 mg/m ³	
	1 C (OCIIA)				e	
Chromium (VI) Comp	ounds, as Cr (OSHA)	<	0.010 μg	<	$0.000010\mathrm{mg/m^3}$	
Lab ID: 2000206-19	Sample ID: 4076-2475			Date Sai	mpled: 01/24/2020	Air Volume:1041 Liters
Sample Description:	AMS3 012420			Matrix:	PVC Filter - prewei	ghed
<u>Analyte</u>		<u>To</u>	otal Mass		Concentration	
Total Particulates		<	100 µg	<	$0.096mg/m^3$	
Chromium (VI) Compo	ounds, as Cr (OSHA)		0.014 μg		$0.000013 mg/m^3$	
Lab ID: 2000206-20	Sample ID: 4076-2471			Date Sai	mpled: 01/24/2020	Air Volume:988 Liters
Sample Description:	AMS4 012420			Matrix:	PVC Filter - prewei	ighed
<u>Analyte</u>		To	otal Mass		Concentration	
Total Particulates		<	100 μg	<	$0.10\mathrm{mg/m^3}$	
Chromium (VI) Compo	ounds, as Cr (OSHA)	<	$0.010~\mu g$	<	$0.000011mg/m^3$	
Lab ID: 2000206-21	Sample ID: 4076-2480			Date Sai	mpled: Not Provided	l
Sample Description:	Blank			Matrix:	PVC Filter - prewei	ighed
<u>Analyte</u>		To	otal Mass			
Total Particulates		<	100 μg			
Chromium (VI) Compo	ounds, as Cr (OSHA)	<	$0.010~\mu g$			
	Sample ID: 4076-2507			Date Sai	mpled: Not Provided	<u> </u>
Lab ID: 2000206-22					PVC Filter - prewei	
Lab ID: 2000206-22 Sample Description:	Blank			TTHEFT IA.		0
	Blank	<u>To</u>	otal Mass	1111111111	Promo	
Sample Description:	Blank	<u>To</u> <	otal Mass 100 μg	TVILLE IA	Provide Provide	8

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010\;\mu g$	TIC-IC-07: Modified OSHA ID 215	02/05/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	01/30/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

< Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million > Greater than pg milligrams pg/m^3 milligrams per cubic meter ppm parts per billion parts per billion

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Lab ID: 2000317-07 Sample ID: 4076-2513

Sample Description: AMS3 012820

Analyte

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Phone: 1-800-842-0355 FAX: 1-860-687-7430

AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000317

Date Received: 02/10/2020
Date Reported: 02/14/2020
Location: PPG/Site 174

Lab ID: 2000317-01 Sample ID: 4076-2506		Date Sampled: 01/28/2020 Air Volume:2895 Liters
Sample Description: AMS1 012820	Total Mass	Matrix: PVC Filter - preweighed
Analyte Total Particulates	Total Mass	Concentration 0.035 mg/m³
	< 100 μg	< 0.035 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2000317-02 Sample ID: 4076-2518		Date Sampled: 01/27/2020 Air Volume:950 Liters
Sample Description: AMS2 012720	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte To a Decirio Lace	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000317-03 Sample ID: 4076-2494		Date Sampled: 01/27/2020 Air Volume:983 Liters
Sample Description: AMS3 012720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2000317-04 Sample ID: 4076-2508 Sample Description: AMS4 012720		Date Sampled: 01/27/2020 Air Volume:918 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³
Cinolinum (V1) Compounds, as C1 (OSTA)	ν 0.010 μg	0.000011 mg/m
Lab ID: 2000317-05 Sample ID: 4076-2495		Date Sampled: 01/29/2020 Air Volume:2967 Liters
Sample Description: AMS1 012920	Total Mass	Matrix: PVC Filter - preweighed
<u>Analyte</u> Total Particulates	Total Mass	Concentration
	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000035 \text{mg/m}^3$
Lab ID: 2000317-06 Sample ID: 4076-2503		Date Sampled: 01/28/2020 Air Volume:953 Liters
Sample Description: AMS2 012820		Matrix: PVC Filter - preweighed
	Total Mass	Concentration
	' 	
Analyte Total Particulates	< 100 μg	$< 0.10 mg/m^3$

Page 1 of 4

Date Sampled: 01/28/2020

Matrix: PVC Filter - preweighed

Concentration

Air Volume:1013 Liters

Laboratory Number: 2000317

Total Mass

Total Particulates	< 100 μg	0.099 mg/m²
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	< 0.000010 mg/m ³
Lab ID: 2000317-08 Sample ID: 4076-2510		Date Sampled: 01/28/2020 Air Volume:916 Liters
Sample Description: AMS4 012820		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³
Lab ID: 2000317-09 Sample ID: 4076-2514 Sample Description: AMS1 013020		Date Sampled: 01/30/2020 Air Volume:2950 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000035 mg/m ³
Enromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000055 mg/m ²
Lab ID: 2000317-10 Sample ID: 4076-2501		Date Sampled: 01/29/2020 Air Volume:964 Liters
Sample Description: AMS2 012920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000317-11 Sample ID: 4076-2498		Date Sampled: 01/29/2020 Air Volume:1006 Liters
Sample Description: AMS3 012920		Matrix: PVC Filter - preweighed
<u>analyte</u>	<u>Total Mass</u>	Concentration
otal Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2000317-12 Sample ID: 4076-2511		Date Sampled: 01/29/2020 Air Volume:903 Liters
Sample Description: AMS4 012920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000012 mg/m^3$
Lab ID: 2000317-13 Sample ID: 4076-2502		Date Sampled: 01/30/2020 Air Volume:886 Liters
Sample Description: AMS1 013020		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	*** FB	•
anomium (v 1) Compounds, as Ci (OSHA)	< 0.010 ug	$< 0.000012 \mathrm{mg/m^3}$
	< 0.010 μg	$< 0.000012 \text{mg/m}^3$
	< 0.010 μg	Date Sampled: 01/30/2020 Air Volume:937 Liters
Sample Description: AMS2 013020		Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed
Sample Description: AMS2 013020 Analyte	Total Mass	Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed Concentration
Sample Description: AMS2 013020 Analyte		Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed
Sample Description: AMS2 013020 Analyte Total Particulates	Total Mass	Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed Concentration
Sample Description: AMS2 013020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	Total Mass < 100 μg	Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed Concentration < 0.11 mg/m³
Sample Description: AMS2 013020 Analyte Fotal Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2000317-15 Sample ID: 4076-2509 Sample Description: AMS3 013020	Total Mass < 100 μg < 0.010 μg	Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed Concentration < 0.11 mg/m³ < 0.000011 mg/m³ Date Sampled: 01/30/2020 Air Volume:935 Liters Matrix: PVC Filter - preweighed
Sample Description: AMS2 013020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2000317-15 Sample ID: 4076-2509 Sample Description: AMS3 013020 Analyte	Total Mass < 100 μg < 0.010 μg	Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed Concentration < 0.11 mg/m³ < 0.000011 mg/m³ Date Sampled: 01/30/2020 Air Volume:935 Liters
Lab ID: 2000317-14 Sample ID: 4076-2505 Sample Description: AMS2 013020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2000317-15 Sample ID: 4076-2509 Sample Description: AMS3 013020 Analyte Total Particulates	Total Mass < 100 μg < 0.010 μg	Date Sampled: 01/30/2020 Air Volume:937 Liters Matrix: PVC Filter - preweighed Concentration < 0.11 mg/m³ < 0.000011 mg/m³ Date Sampled: 01/30/2020 Air Volume:935 Liters Matrix: PVC Filter - preweighed

 $100 \, \mu g$

Total Particulates

 $0.099\,mg/m^3$

Lab ID: 2000317-16 Sample ID: 4076-2500		Date Sampled: 01/30/2020 Air Volume:3086 Liters
Sample Description: AMS4 013020	m	Matrix: PVC Filter - preweighed
Analyte Table 1 and 1 an	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.032 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000034 \mathrm{mg/m^3}$
Lab ID: 2000317-17 Sample ID: 4076-2512		Date Sampled: 01/31/2020 Air Volume:933 Liters
Sample Description: AMS5 013120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2000317-18 Sample ID: 4076-2723		Date Sampled: 01/31/2020 Air Volume:984 Liters
Sample Description: AMS1 013120 Analyte	Total Mass	Matrix: PVC Filter - preweighed
	<u></u>	Concentration 0.10 mg/m ³
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000317-19 Sample ID: 4076-2680		Date Sampled: 01/31/2020 Air Volume:1028 Liters
Sample Description: AMS2 013120	T-4-13#	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.097 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2000317-20 Sample ID: 4076-2731		Date Sampled: 01/31/2020 Air Volume:1046 Liters
Sample Description: AMS3 013120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.096 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2000317-21 Sample ID: 4076-2685		Date Sampled: 01/31/2020 Air Volume:1230 Liters
Sample Description: AMS4 013120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.081 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000085 \text{mg/m}^3$
Lab ID: 2000317-22 Sample ID: 4076-2720		Date Sampled: 02/03/2020 Air Volume:9405 Liters
Sample Description: AMS5 020320	70. 4 3 3 4	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	250 μg	$0.027\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.014 μg	0.0000015 mg/m^3
Lab ID: 2000317-23 Sample ID: 4076-2516		Date Sampled: Not Provided
Sample Description: Blank	T-4-13#	Matrix: PVC Filter - preweighed
Analyte	Total Mass	
Total Particulates	< 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	
Lab ID: 2000317-24 Sample ID: 4076-2517		Date Sampled: Not Provided
Sample Description: Blank		Matrix: PVC Filter - preweighed

Analyte Total Mass

Total Particulates 100 µg

Chromium (VI) Compounds, as Cr (OSHA) $0.010 \mu g$

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	02/14/2020	JAF
Total Particulates	PVC Filter - preweighed	100 ug	TIC-GRV-01: NIOSH 0500	02/10/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

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<	Less than	μg	micrograms	$\mu g/m^3$	micrograms per cubic meter	ppm	parts per million
>	Greater than	mg	milligrams	mg/m³	milligrams per cubic meter	ppb	parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000339

Date Received: 02/12/2020 Date Reported: 02/20/2020

Location: Site 174

Lab ID: 2000339-01 Sample ID: 4076-2504		Date Sampled: 02/03/2020 Air Volume:926 Liters
Sample Description: AMS1 020320	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
Analyte Total Particulates	<u></u>	
	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000339-02 Sample ID: 4076-2683		Date Sampled: 02/03/2020 Air Volume:930 Liters
Sample Description: AMS2 020320	m	Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000339-03 Sample ID: 4076-2496 Sample Description: AMS3 020320		Date Sampled: 02/03/2020 Air Volume:958 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000339-04 Sample ID: 4076-2515		Date Sampled: 02/03/2020 Air Volume:964 Liters
Sample Description: AMS4 020320	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte Table 1.1	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000339-05 Sample ID: 4076-2730		Date Sampled: 02/04/2020 Air Volume:2926 Liters
Sample Description: AMS5 020420	T (134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2000339-06 Sample ID: 4076-2689		Date Sampled: 02/04/2020 Air Volume:998 Liters
Sample Description: AMS1 020420	77. 4.134	Matrix: PVC Filter - preweighed
Analyte To a Decirio Lace	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \text{mg/m}^3$

Concentration

Total Mass

Chromium (VI) Compounds, as Cr (OSHA)	$< 0.010 \mu g$	$< 0.0000036 \mathrm{mg/m^3}$
Total Particulates	< 100 μg	$< \qquad \qquad 0.034mg/m^3$
Analyte	<u>Total Mass</u>	Concentration
Lab ID: 2000339-15 Sample ID: 4076-2688 sample Description: AMS5 020620		Date Sampled: 02/06/2020 Air Volume:2916 Liters Matrix: PVC Filter - preweighed
'hromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$
otal Particulates	< 100 μg	< 0.10 mg/m ³
<u>nalyte</u>	<u>Total Mass</u>	Concentration
ample Description: AMS4 020520		Matrix: PVC Filter - preweighed
ab ID: 2000339-14 Sample ID: 4076-2713		Date Sampled: 02/05/2020 Air Volume:953 Liters
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	< 0.000011 mg/m ³
otal Particulates	< 100 μg	< 0.10 mg/m ³
<u>analyte</u>	<u>Total Mass</u>	Concentration
ample Description: AMS3 020520		Matrix: PVC Filter - preweighed
Lab ID: 2000339-13 Sample ID: 4076-2684		Date Sampled: 02/05/2020 Air Volume:966 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Total Particulates	< 100 μg	< 0.10 mg/m ³
Analyte	<u>Total Mass</u>	Concentration
Sample Description: AMS2 020520		Matrix: PVC Filter - preweighed
ab ID: 2000339-12 Sample ID: 4076-2716		Date Sampled: 02/05/2020 Air Volume:966 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$
otal Particulates	< 100 μg	$< 0.10\mathrm{mg/m^3}$
<u>analyte</u>	Total Mass	<u>Concentration</u>
Sample Description: AMS1 020520		Date Sampled: 02/05/2020 Air Volume:968 Liters Matrix: PVC Filter - preweighed
ab ID: 2000339-11 Sample ID: 4076-2717		Date Sampled: 02/05/2020 Air Volume:968 Liters
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000035 mg/m^3$
Total Particulates	< 100 μg	< 0.033 mg/m ³
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Sample Description: AMS5 020520		Matrix: PVC Filter - preweighed
Lab ID: 2000339-10 Sample ID: 4076-2497		Date Sampled: 02/05/2020 Air Volume:3013 Liters
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 mg/m^3$
Total Particulates	100 μg	$0.11\mathrm{mg/m^3}$
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Sample Description: AMS4 020420		Matrix: PVC Filter - preweighed
Lab ID: 2000339-09 Sample ID: 4076-2725		Date Sampled: 02/04/2020 Air Volume:947 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$
Total Particulates	< 100 μg	< 0.10 mg/m ³
Analyte	Total Mass	Concentration
Sample Description: AMS3 020420		Matrix: PVC Filter - preweighed
Lab ID: 2000339-08 Sample ID: 4076-2687		Date Sampled: 02/04/2020 Air Volume:962 Liters
	01010 PB	0.000010
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000010 mg/m ³
otal Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$

Lab ID: 2000339-16 Sample ID: 4076-2724		Date Sampled: 02/06/2020 Air Volume:917 Liters
Sample Description: AMS1 020620	700 (3.3.5°	Matrix: PVC Filter - preweighed
Analyte Table 1 and 1 an	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000339-17 Sample ID: 4076-2727		Date Sampled: 02/06/2020 Air Volume:915 Liters
Sample Description: AMS2 020620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000339-18 Sample ID: 4076-2729		Date Sampled: 02/06/2020 Air Volume:968 Liters
Sample Description: AMS3 020620	TAIM	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000339-19 Sample ID: 4076-2721		Date Sampled: 02/06/2020 Air Volume:965 Liters
Sample Description: AMS4 020620	m	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000339-20 Sample ID: 4076-2690		Date Sampled: 02/07/2020 Air Volume:2957 Liters
Sample Description: AMS5 020720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000035 \mathrm{mg/m^3}$
Lab ID: 2000339-21 Sample ID: 4076-2715		Date Sampled: 02/07/2020 Air Volume:1030 Liters
Sample Description: AMS1 020720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.097 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2000339-22 Sample ID: 4076-2677		Date Sampled: 02/07/2020 Air Volume:1035 Liters
Sample Description: AMS2 020720	700 (3.3.5°	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.097 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2000339-23 Sample ID: 4076-2697 Sample Description: AMS3 020720		Date Sampled: 02/07/2020 Air Volume:1015 Liters Matrix: PVC Filter - preweighed
Analyte Analyte	Total Mass	
	<u></u>	Concentration
Total Particulates	< 100 μg	< 0.099 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2000339-24 Sample ID: 4076-2718		Date Sampled: 02/07/2020 Air Volume:1032 Liters
Sample Description: AMS4 020720		Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.097 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.010 \,\mu g$ < $0.000010 \,m g/m^3$

Lab ID: 2000339-25 Sample ID: 4076-2722 Date Sampled: 02/10/2010 Air Volume:8962 Liters Sample Description: AMS5 021020 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< 100 μg</td>< 0.011 mg/m³</td>Chromium (VI) Compounds, as Cr (OSHA)< 0.010 μg</td>< 0.0000012 mg/m³</td>

Lab ID: 2000339-26 Sample ID: 4076-2709 Date Sampled: Not Provided Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2000339-27 Sample ID: 4076-2706 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	02/19/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	02/13/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Key
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 > Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000397

Date Received: 02/19/2020
Date Reported: 02/26/2020
Location: PPG/Site 174

FLORHAM PARK, NJ 07932		
Lab ID: 2000397-01 Sample ID: 4076-2679		Date Sampled: 02/10/2020 Air Volume:1198 Liters
Sample Description: AMS1 021020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.083 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000087 \text{mg/m}^3$
Lab ID: 2000397-02 Sample ID: 4076-2714		Date Sampled: 02/10/2020 Air Volume:1163 Liters
Sample Description: AMS2 021020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.086 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000090 mg/m^3$
Lab ID: 2000397-03 Sample ID: 4076-2712 Sample Description: AMS3 021020		Date Sampled: 02/10/2020 Air Volume:1240 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.081 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000084 \mathrm{mg/m^3}$
Lab ID: 2000397-04 Sample ID: 4076-2681		Date Sampled: 02/10/2020 Air Volume:1250 Liters
Sample Description: AMS4 021020		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.080 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000084 \text{mg/m}^3$
Lab ID: 2000397-05 Sample ID: 4076-2692		Date Sampled: 02/11/2020 Air Volume:2955 Liters
Sample Description: AMS5 021120	TD 4 134	Matrix: PVC Filter - preweighed
Analyte The Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000035 \text{ mg/m}^3$
Lab ID: 2000397-06 Sample ID: 4076-2710		Date Sampled: 02/11/2020 Air Volume:1368 Liters
Sample Description: AMS1 021120	7F 4 134	Matrix: PVC Filter - preweighed
Analyte Treal Particulator	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.073 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000076 \mathrm{mg/m^3}$
Lab ID: 2000397-07 Sample ID: 4076-2705		Date Sampled: 02/11/2020 Air Volume:1375 Liters
Sample Description: AMS2 021120		Matrix: PVC Filter - preweighed

Concentration

Total Mass

 0.073 mg/m³ 0.0000076 mg/m³ at was received was labeled 4076-2705. Date Sampled: 02/11/2020 Air Volume:1381 Liters Matrix: PVC Filter - preweighed
Date Sampled: 02/11/2020 Air Volume:1381 Liters
Date Sampled: 02/11/2020 Air Volume:1381 Liters
Date Sampled: 02/11/2020 Air Volume:1381 Liters
Matrix: PVC Filter - preweighed Concentration < 0.072 mg/m³
Concentration < 0.072 mg/m³ < 0.0000076 mg/m³ < 0.0000076 mg/m³ Date Sampled: 02/11/2020 Air Volume:1357 Liters Matrix: PVC Filter - preweighed
Concentration Concentration Concentration Concentration Concontration Concontration Concontration Concontration Concontration Concontration Concontration Concontration Concentration Concentration Concontration Concontrat
Concentration Concentration Concentration Concentration Concontration Concontration Concontration Concontration Concontration Concontration Concontration Concentration Concentration Concentration Concontration Concontrat
Date Sampled: 02/11/2020 Air Volume:1357 Liters
Matrix: PVC Filter - preweighed Concentration < 0.074 mg/m³
Concentration < 0.074 mg/m³ < 0.0000077 mg/m³ Date Sampled: 02/12/2020 Air Volume:2963 Liters Matrix: PVC Filter - preweighed Concentration < 0.034 mg/m³ < 0.0000035 mg/m³
 0.074 mg/m³ 0.0000077 mg/m³ Date Sampled: 02/12/2020 Air Volume:2963 Liters Matrix: PVC Filter - preweighed Concentration 0.034 mg/m³ 0.0000035 mg/m³
 0.0000077 mg/m³ Date Sampled: 02/12/2020 Air Volume:2963 Liters Matrix: PVC Filter - preweighed
Date Sampled: 02/12/2020 Air Volume:2963 Liters Matrix: PVC Filter - preweighed Concentration < 0.034 mg/m³ < 0.0000035 mg/m³
Matrix: PVC Filter - preweighed Concentration < 0.034 mg/m³ < 0.0000035 mg/m³
Matrix: PVC Filter - preweighed Concentration < 0.034 mg/m³ < 0.0000035 mg/m³
Concentration < 0.034 mg/m³ < 0.0000035 mg/m³
$< 0.034 \mathrm{mg/m^3}$ $< 0.0000035 \mathrm{mg/m^3}$
< 0.0000035 mg/m ³
<u> </u>
Date Sampled: 02/12/2020 Air Volume:977 Liters
Matrix: PVC Filter - preweighed
Concentration
$< 0.10 \text{mg/m}^3$
$< 0.000011 \text{ mg/m}^3$
Date Sampled: 02/12/2020 Air Volume:979 Liters
Date Sampled: 02/12/2020 Air Volume:979 Liters Matrix: PVC Filter - preweighed
Concentration Concentration
< 0.10 mg/m ³
< 0.000011 mg/m ³
0.000011 mg/m
Date Sampled: 02/12/2020 Air Volume:979 Liters
Matrix: PVC Filter - preweighed
<u>Concentration</u>
$< 0.10 \text{mg/m}^3$
$< 0.000011 \text{mg/m}^3$
Date Sampled: 02/12/2020 Air Volume:974 Liters
Matrix: PVC Filter - preweighed
Concentration
$< {0.10 \text{mg/m}^3}$
< 0.000011 mg/m ³
. 0.000011 mg/m
Date Sampled: 02/13/2020 Air Volume:2972 Liters
Matrix: PVC Filter - preweighed
Concentration
Concentration 0.034 mg/m³
Concentration < 0.034 mg/m³ 0.0000036 mg/m³

Laboratory Number: 2000397

V 1 VD 4000000 4 C C 1 VD 400 C 4 C 0		D. G. J. J. 28 (42/2020)
Lab ID: 2000397-16 Sample ID: 4076-2637 Sample Description: AMS1 021320		Date Sampled: 02/13/2020 Air Volume:966 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
, , , , , , , , , , , , , , , , , , , ,		C
Lab ID: 2000397-17 Sample ID: 4076-2642		Date Sampled: 02/13/2020 Air Volume:968 Liters
Sample Description: AMS2 021320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	$<$ 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000397-18 Sample ID: 4076-2641		Date Sampled: 02/13/2020 Air Volume:980 Liters
Sample Description: AMS3 021320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000397-19 Sample ID: 4076-2651		Date Sampled: 02/13/2020 Air Volume:980 Liters
Sample Description: AMS4 021320		Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2000397-20 Sample ID: 4076-2640		Date Sampled: 02/14/2020 Air Volume:2945 Liters
Sample Description: AMS5 021420	Total Mass	Matrix: PVC Filter - preweighed
<u>Analyte</u> Total Particulates	<u></u>	Concentration < 0.034 mg/m ³
	< 100 μg	***** · g
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000035 mg/m^3$
Lab ID: 2000397-21 Sample ID: 4076-2646 Sample Description: AMS1 021420		Date Sampled: 02/14/2020 Air Volume:973 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³
	3101V FB	0.000011 <u>g</u>
Lab ID: 2000397-22 Sample ID: 4076-2639		Date Sampled: 02/14/2020 Air Volume:980 Liters
Sample Description: AMS2 021420	7D / 138	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000397-23 Sample ID: 4076-2649		Date Sampled: 02/14/2020 Air Volume:987 Liters
Sample Description: AMS3 021420		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000397-24 Sample ID: 4076-2634		Date Sampled: 02/14/2020 Air Volume:1004 Liters
Sample Description: AMS4 021420		Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.10 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.010 \,\mu g$ < $0.000010 \,m g/m^3$

Lab ID: 2000397-25 Sample ID: 4076-2636 Date Sampled: 02/17/2020 Air Volume:8719 Liters

Sample Description: AMS5 021720 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.011 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA) $0.012 \,\mu g$ $0.0000014 \,m g/m^3$

Lab ID: 2000397-26 Sample ID: 4076-2686 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2000397-27 Sample ID: 4076-2648 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	02/25/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	02/20/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Kev
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 > Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000478

Date Received: 02/27/2020 Date Reported: 03/04/2020 Location: PPG/Site 174

FLORHAM PARK, NJ 07932				
Lab ID: 2000478-01 Sample ID: 4076-2628			Date Sar	mpled: 02/17/2020 Air Volume:970 Liters
Sample Description: AMS1 021720			Matrix:	PVC Filter - preweighed
Analyte	To	otal Mass		Concentration
Total Particulates	<	100 μg	<	$0.10\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	<	$0.010~\mu g$	<	$0.000011 mg/m^3$

Lab ID: 2000478-02 Sample ID: 4076-2632			Date Sar	npled: 02/17/2020 Air Volume:982 Liters
Sample Description: AMS2 021720			Matrix:	PVC Filter - preweighed
Analyte	<u>To</u>	tal Mass		Concentration
Total Particulates	<	100 μg	<	$0.10\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	<	$0.010~\mu g$	<	$0.000011 mg/m^3$

Lab ID: 2000478-03 Sample ID: 4076-2629		Date Sampled: 02/17/2020 Air Volume:981 Liters	
Sample Description: AMS3 021720		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	$<$ 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 mg/m^3$	

Lab ID: 2000478-04 Sample ID: 4076-2647		Date Sampled: 02/17/2020 Air Volume:981 Liters
Sample Description: AMS4 021720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$

Lab ID: 2000478-05 Sample ID: 4076-2631		Date Sampled: 02/18/2020 Air V	olume:2942 Liters
Sample Description: AMS5 021820		Matrix: PVC Filter - preweighed	
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.034 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	0.016 μg	0.0000053 mg/m^3	

	Date Sampled: 02/18/2020 Air Volume:954 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
110 μg	0.11 mg/m^3
$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
	—————————————————————————————————————

Lab ID: 2000478-07 Sample ID: 4076-2627	Date Sampled: 02/18/2020 Air Volume:968 Liters
Sample Description: AMS2 021820	Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Total Mass < 100 μg	Date Sampled: 02/20/2020 Air Volume:2950 Liters Matrix: PVC Filter - preweighed Concentration < 0.034 mg/m³
	Matrix: PVC Filter - preweighed
0.010 µg	
0.010 μg	
< 0.010 µg	$< 0.000011 \text{mg/m}^3$
< 100 μg	< 0.10 mg/m ³
<u>Total Mass</u>	Concentration
	Date Sampled: 02/19/2020 Air Volume:992 Liters Matrix: PVC Filter - preweighed
< υ.υτυ μg	$< 0.000011 mg/m^3$
	-
<u> </u>	< 0.10 mg/m ³
Total Mass	Matrix: PVC Filter - preweighed Concentration
	Date Sampled: 02/19/2020 Air Volume:978 Liters
< 0.010 μg	$< 0.000011 \text{mg/m}^3$
<u></u>	< 0.10 mg/m ³
<u>Total Mass</u>	Concentration
	Date Sampled: 02/19/2020 Air Volume:985 Liters Matrix: PVC Filter - preweighed
	D. C. 1.1. 02/20/2020
< 0.010 μg	< 0.000011 mg/m ³
< 100 μg	< 0.10 mg/m ³
Total Mass	Concentration
	Date Sampled: 02/19/2020 Air Volume:971 Liters Matrix: PVC Filter - preweighed
0.012 μg	$0.0000039 mg/m^3$
< 100 μg	$< 0.033 mg/m^3$
Total Mass	Concentration
	Date Sampled: 02/19/2020 Air Volume:2987 Liters Matrix: PVC Filter - preweighed
	Ç
	< 0.000011 mg/m ³
·	< 0.10 mg/m ³
Total Mass	Matrix: PVC Filter - preweighed Concentration
	Date Sampled: 02/18/2020 Air Volume:974 Liters
< 0.010 μg	$< 0.000011 \text{mg/m}^3$
< 100 μg	< 0.10 mg/m ³
Total Mass	<u>Concentration</u>
	Matrix: PVC Filter - preweighed
	Date Sampled: 02/18/2020 Air Volume:963 Liters
< 0.010 μg	0.000011 mg/m²
	< 0.000011 mg/m ³
< 100 ug	$< 0.10 \text{mg/m}^3$
	Total Mass

Lab ID: 2000478-16 Sample ID: 4076-2668		Date Sampled: 02/20/2020 Air Volume:963 Lite	ers
Sample Description: AMS1 022020	Total Mass	Matrix: PVC Filter - preweighed	
Analyte Total Particulates	<u> </u>	Concentration	
	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Lab ID: 2000478-17 Sample ID: 4076-2665		Date Sampled: 02/20/2020 Air Volume:911 Lite	ers
Sample Description: AMS2 022020		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 mg/m^3$	
Lab ID: 2000478-18 Sample ID: 4076-2675 Sample Description: AMS3 022020		Date Sampled: 02/20/2020 Air Volume:983 Lite Matrix: PVC Filter - preweighed	ers
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$	
Lab ID: 2000478-19 Sample ID: 4076-2667 Sample Description: AMS4 022020		Date Sampled: 02/20/2020 Air Volume:995 Lite Matrix: PVC Filter - preweighed	ers
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³	
Cinomium (*1) Compounds, as Ci (OSTIA)	< 0.010 μg	v 0.000011 mg/m	
Lab ID: 2000478-20 Sample ID: 4076-2654 Sample Description: AMS5 022120		Date Sampled: 02/21/2020 Air Volume:2924 Lit	ters
Sample Description: AMS5 022120 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration	
Total Particulates	< 100 μg	< 0.034 mg/m ³	
		Q	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000036 mg/m^3$	
Lab ID: 2000478-21 Sample ID: 4076-2666 Sample Description: AMS1 022120		Date Sampled: 02/21/2020 Air Volume:1005 Lit Matrix: PVC Filter - preweighed	ters
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000010 mg/m ³	
emonium (*1) Compounds, as Ci (OSHA)	ν υ.υτυ μ <u>g</u>	. 0.000010 mg/m	
Lab ID: 2000478-22 Sample ID: 4076-2658		Date Sampled: 02/21/2020 Air Volume:1030 Lit	ters
Sample Description: AMS2 022120		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.097 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2000478-23 Sample ID: 4076-2669		Date Sampled: 02/21/2020 Air Volume:958 Lite	ers
Sample Description: AMS3 022120		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 mg/m^3$	
Lab ID: 2000478-24 Sample ID: 4076-2655		Date Sampled: 02/21/2020 Air Volume:982 Lite	ers
Sample Description: AMS4 022120		Matrix: PVC Filter - preweighed	

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.10 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.010 \,\mu g$ < $0.000011 \,m g/m^3$

Lab ID: 2000478-25 Sample ID: 4076-2661 Date Sampled: 02/24/2020 Air Volume:9016 Liters

Sample Description: AMS5 022420 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates $160 \, \mu g$ $0.017 \, mg/m^3$ Chromium (VI) Compounds, as Cr (OSHA) $0.027 \, \mu g$ $0.000030 \, mg/m^3$

Lab ID: 2000478-26 Sample ID: 4076-2664 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2000478-27 Sample ID: 4076-2659 Date Sampled: Not Provided

Sample Description: Blank Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	03/03/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	02/28/2020	JEG

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

C Less than μg micrograms μg/m³ micrograms per cubic meter ppm parts per million

Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000532

Date Received: 03/04/2020 Date Reported: 03/16/2020 Location: PPG/Site 174

	PVC Filter - preweighed oncentration
<u>ai Mass</u> <u>Co</u>	oncentration
200 μg	$0.16\mathrm{mg/m^3}$
$0.010 \mu g$ < $0.00 \mu g$	$.0000084\mathrm{mg/m^3}$
(

Lab ID: 2000532-02 Sample ID: 4076-2672		Date Sampled: 02/24/2020 Air Volume:1273 Liters
Sample Description: AMS2 022420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	140 μg	0.11 mg/m^3
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000082 mg/m^3$

Lab ID: 2000532-03 Sample ID: 4076-2653 Sample Description: AMS3 022420		Date Sampled: 02/24/2020 Air Matrix: PVC Filter - preweighed	Volume:1263 Liters
Analyte	Total Mass	Concentration	_
Total Particulates	< 100 μg	$< 0.079 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	0.015 μg	$0.000012mg/m^3$	

Lab ID: 2000532-04 Sample ID: 4076-2663		Date Sampled: 02/24/2020 Air Volume:1231 Liters
Sample Description: AMS4 022420		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.081 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000085 \mathrm{mg/m^3}$

Lab ID: 2000532-05 Sample ID: 4076-2673 Sample Description: AMS5 022520	Date Sampled: 02/25/2020 Air Volume:2989 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass Concentration
Total Particulates	< 100 µg $<$ 0.033 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$< 0.010 \ \mu g$ $< 0.0000035 \ mg/m^3$

Lab ID: 2000532-06 Sample ID: 4076-2284		Date Sampled: 02/25/2020 Air Volume:1353 Liters
Sample Description: AMS1 022520		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	140 μg	$0.10\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000077 mg/m^3$

Lab ID: 2000532-07 Sample ID: 4076-2278	Date Sa	mpled: 02/25/2020 Air Volume:1388 Liters
Sample Description: AMS2 022520	Matrix:	PVC Filter - preweighed
Analyte	Total Mass	Concentration

Total Particulates	> 100 μg	< 0.072 mg/m²
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000076 \text{ mg/m}^3$
() ID 2000772 00 G		D. () 11 (0) (1) (1) (1)
Lab ID: 2000532-08 Sample ID: 4076-2283 Sample Description: AMS3 022520		Date Sampled: 02/25/2020 Air Volume:1334 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.075 mg/m ³
	· -	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000079 \text{ mg/m}^3$
Lab ID: 2000532-09 Sample ID: 4076-2662		Date Sampled: 02/25/2020 Air Volume:1341 Liters
Sample Description: AMS4 022520 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	< 0.075 mg/m ³
	· -	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000078 \text{ mg/m}^3$
Lab ID: 2000532-10 Sample ID: 4076-2277		Date Sampled: 02/26/2020 Air Volume:2934 Liters
Sample Description: AMS5 022620	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2000532-11 Sample ID: 4076-2282		Date Sampled: 02/26/2020 Air Volume:1364 Liters
Sample Description: AMS1 022620	T . 135	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	140 μg	$0.099\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000077 \mathrm{mg/m^3}$
Lab ID: 2000532-12 Sample ID: 4076-2263		Date Sampled: 02/26/2020 Air Volume:1375 Liters
Sample Description: AMS2 022620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.073 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000076 \mathrm{mg/m^3}$
Lab ID: 2000532-13 Sample ID: 4076-2268		Date Sampled: 02/26/2020 Air Volume:1360 Liters
Sample Description: AMS3 022620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.074 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000077 \text{ mg/m}^3$
Lab ID: 2000532-14 Sample ID: 4076-2275		Date Sampled: 02/26/2020 Air Volume:1355 Liters
Sample Description: AMS4 022620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.074 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000077 \text{ mg/m}^3$
		D
•		Date Sampled: 02/27/2020 Air Volume:2887 Liters
Sample Description: AMS5 022720	Total Mass	Matrix: PVC Filter - preweighed
Sample Description: AMS5 022720 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Lab ID: 2000532-15 Sample ID: 4076-2273 Sample Description: AMS5 022720 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	<u>Total Mass</u> < 100 μg < 0.010 μg	Matrix: PVC Filter - preweighed

 $100~\mu g$

 $0.072\,mg/m^{\scriptscriptstyle 3}$

Total Particulates

1 1 ID 2000522 17 C 1 ID 1057 2275		D (C) 1 03/25/2020 A' V 1 044 I'
Lab ID: 2000532-16 Sample ID: 4076-2267 Sample Description: AMS1 022720		Date Sampled: 02/27/2020 Air Volume:941 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³
emonitum (+1) compounds, as ci (ostri)	0.010 μg	o.ooorr mg m
Lab ID: 2000532-17 Sample ID: 4076-2272		Date Sampled: 02/27/2020 Air Volume:946 Liters
Sample Description: AMS2 022720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000532-18 Sample ID: 4076-2274 Sample Description: AMS3 022720		Date Sampled: 02/27/2020 Air Volume:967 Liters Matrix: PVC Filter - preweighed
Sample Description: AMS3 022720 Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000532-19 Sample ID: 4076-2276		Date Sampled: 02/27/2020 Air Volume:951 Liters
Sample Description: AMS4 022720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000532-20 Sample ID: 4076-2262		Date Sampled: 02/28/2020 Air Volume:2922 Liters
Sample Description: AMS5 022820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.034 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2000532-21 Sample ID: 4076-2287		Date Sampled: 02/28/2020 Air Volume:946 Liters
Sample Description: AMS1 022820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000532-22 Sample ID: 4076-2281		Date Sampled: 02/28/2020 Air Volume:930 Liters
Sample Description: AMS2 022820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000532-23 Sample ID: 4076-2271		Date Sampled: 02/28/2020 Air Volume:950 Liters
Sample Description: AMS3 022820		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000532-24 Sample ID: 4076-2286		Date Sampled: 02/28/2020 Air Volume:928 Liters
Sample Description: AMS4 022820		Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates $100 \,\mu g$ $0.11 \,mg/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.010 \,\mu g$ < $0.000011 \,mg/m^3$

Lab ID: 2000532-25 Sample ID: 4076-2285 Date Sampled: 03/02/2020 Air Volume:8815 Liters Sample Description: AMS5 030220 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< 100 μg</td>< 0.011 mg/m³</td>Chromium (VI) Compounds, as Cr (OSHA)< 0.010 μg</td>< 0.0000012 mg/m³</td>

Lab ID: 2000532-26 Sample ID: 4076-2657 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2000532-27 Sample ID: 4076-2660 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	03/13/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	03/05/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Kev

 <</td>
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 >
 Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000606

Date Received: 03/12/2020
Date Reported: 03/20/2020
Location: PPG/Site 174

Lab ID: 2000606-01 Sample ID: 4076-2264		Date Sampled: 03/02/2020 Air Volume:989 Liters
Sample Description: AMS1 030220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000606-02 Sample ID: 4076-2266		Date Sampled: 03/02/2020 Air Volume:975 Liters
Sample Description: AMS2 030220 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	< 0.10 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000606-03 Sample ID: 4076-2265		Date Sampled: 03/02/2020 Air Volume:946 Liters
Sample Description: AMS3 030220	70 (13.6	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000606-04 Sample ID: 4076-2269		Date Sampled: 03/02/2020 Air Volume:960 Liters
Sample Description: AMS4 030220 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	< 0.10 mg/m³
		-
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000606-05 Sample ID: 4076-2280		Date Sampled: 03/03/2020 Air Volume:2922 Liters
Sample Description: AMS5 030320	T. 4 134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	0.0000037mg/m^3
Lab ID: 2000606-06 Sample ID: 4076-2299		Date Sampled: 03/03/2020 Air Volume:971 Liters
Sample Description: AMS1 030320		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000606-07 Sample ID: 4076-2302		Date Sampled: 03/03/2020 Air Volume:950 Liters
Sample Description: AMS2 030320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration

Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2000606-15 Sample ID: 4076-2300 Sample Description: AMS5 030520 Analyte Total Particulates	< 0.011 μg Total Mass < 100 μg	Date Sampled: 03/05/2020 Air Volume:2926 Liters Matrix: PVC Filter - preweighed Concentration < 0.034 mg/m³
Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2000606-15 Sample ID: 4076-2300 Sample Description: AMS5 030520		Matrix: PVC Filter - preweighed
Cotal Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2000606-15 Sample ID: 4076-2300	< 0.011 μg	
otal Particulates	< 0.011 μg	
		< 0.000011 mg/m ³
	< 100 μg	< 0.10 mg/m ³
<u>analyte</u>	Total Mass	Concentration
ab ID: 2000606-14 Sample ID: 4076-2308 ample Description: AMS4 030420		Date Sampled: 03/04/2020 Air Volume:970 Liters Matrix: PVC Filter - preweighed
Emonium (v1) Compounds, as CI (OSHA)	- υ.υ11 μg	-
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	< 0.000011 mg/m ³
Total Particulates	<u>rotai Mass</u> < 100 μg	< 0.10 mg/m ³
Sample Description: AMS3 030420	<u>Total Mass</u>	Concentration
Lab ID: 2000606-13 Sample ID: 4076-2312		Date Sampled: 03/04/2020 Air Volume:972 Liters Matrix: PVC Filter - preweighed
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 mg/m^3$
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
<u>Analyte</u>	Total Mass	<u>Concentration</u>
Sample Description: AMS2 030420		Matrix: PVC Filter - preweighed
Lab ID: 2000606-12 Sample ID: 4076-2306		Date Sampled: 03/04/2020 Air Volume:972 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
otal Particulates	< 100 μg	$< 0.10\mathrm{mg/m^3}$
<u>analyte</u>	<u>Total Mass</u>	Concentration
Lab ID: 2000606-11 Sample ID: 4076-2313 Sample Description: AMS1 030420		Date Sampled: 03/04/2020 Air Volume:979 Liters Matrix: PVC Filter - preweighed
.l. ID. 2000/0/ 11 S		D-4- C
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000037 \text{mg/m}^3$
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
<u>Analyte</u>	Total Mass	Concentration
Lab ID: 2000606-10 Sample ID: 4076-2301 Sample Description: AMS5 030420		Date Sampled: 03/04/2020 Air Volume:2879 Liters Matrix: PVC Filter - preweighed
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 mg/m^3$
Fotal Particulates	< 100 μg	< 0.10 mg/m ³
Analyte Fotal Particulates	Total Mass	Concentration 0.10 mg/m³
Sample Description: AMS4 030320	T 134	Matrix: PVC Filter - preweighed
Lab ID: 2000606-09 Sample ID: 4076-2314		Date Sampled: 03/03/2020 Air Volume:980 Liters
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Total Particulates	< 100 μg	< 0.11 mg/m ³
Analyte	Total Mass	Concentration
Sample Description: AMS3 030320		Matrix: PVC Filter - preweighed
Lab ID: 2000606-08 Sample ID: 4076-2307		Date Sampled: 03/03/2020 Air Volume:934 Liters
Chromium (VI) Compounds, as Cr (OSHA)	ν 0.011 μg	< 0.000011 mg m
Thromium (VI) Compounds as Cr (OSHA)	< 0.011 μg	< 0.000011 mg/m ³
otal Particulates	< 100 μg	< 0.11 mg/m ³

Lab ID: 2000606-16 Sample ID: 4076-2288		Date Sampled: 03/05/2020 Air Volume:1003 Liters
Sample Description: AMS1 030520	Total Mass	Matrix: PVC Filter - preweighed
<u>Analyte</u> Total Particulates	<u></u>	Concentration < 0.10 mg/m³
		6
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2000606-17 Sample ID: 4076-2297		Date Sampled: 03/05/2020 Air Volume:998 Liters
Sample Description: AMS2 030520		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2000606-18 Sample ID: 4076-2291 Sample Description: AMS3 030520		Date Sampled: 03/05/2020 Air Volume:1015 Liters Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	< 0.000010 mg/m ³
Cinomian (VI) Compounds, as CI (OSIII)	υ.υ11 μg	o.ooooro mg m
Lab ID: 2000606-19 Sample ID: 4076-2290		Date Sampled: 03/05/2020 Air Volume:1000 Liters
Sample Description: AMS4 030520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000606-20 Sample ID: 4076-2292		Date Sampled: 03/06/2020 Air Volume:2949 Liters
Sample Description: AMS5 030620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.034 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000036 mg/m^3$
Lab ID: 2000606-21 Sample ID: 4076-2303		Date Sampled: 03/06/2020 Air Volume:966 Liters
Sample Description: AMS1 030620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 mg/m^3$
Lab ID: 2000606-22 Sample ID: 4076-2289		Date Sampled: 03/06/2020 Air Volume:942 Liters
Sample Description: AMS2 030620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000606-23 Sample ID: 4076-2296		Date Sampled: 03/06/2020 Air Volume:936 Liters
Sample Description: AMS3 030620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000606-24 Sample ID: 4076-2295		Date Sampled: 03/06/2020 Air Volume:959 Liters
Sample Description: AMS4 030620		Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.10 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.011 \,\mu g$ < $0.000011 \,m g/m^3$

Lab ID: 2000606-25 Sample ID: 4076-2270 Date Sampled: 03/09/2020 Air Volume:8875 Liters Sample Description: AMS5 030920 Matrix: PVC Filter - preweighed

 $\begin{array}{c|cccc} \textbf{Analyte} & \textbf{\underline{Total Mass}} & \textbf{\underline{Concentration}} \\ \textbf{Total Particulates} & < 100 \, \mu g & < 0.011 \, mg/m^3 \\ \textbf{Chromium (VI) Compounds, as Cr (OSHA)} & < 0.011 \, \mu g & < 0.0000012 \, mg/m^3 \\ \end{array}$

Lab ID: 2000606-26 Sample ID: 4076-2310 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.011 μg</td>

Lab ID: 2000606-27 Sample ID: 4076-2304 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>Chromium (VI) Compounds, as Cr (OSHA)< 0.011 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.011~\mu g$	TIC-IC-07: Modified OSHA ID 215	03/19/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	03/13/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Key
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 >
 Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per million

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

Approved by:

7om Surveski
Tom Surveski
QA Director

Josef Chrzanowski
Josef Chrzanowski
IH Laboratory Director

Marcel 7. Baril
Marcel F. Baril
2nd Vice President



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Phone: 1-800-842-0355 FAX: 1-860-687-7430

AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2000650

03/17/2020 Date Received: Date Reported: 03/26/2020

Location: Site 174

	Date Sampled: 03/09/2020 Air Volume:1415 Liters
Total Mass	Matrix: PVC Filter - preweighed Concentration
<u> </u>	< 0.071 mg/m³
	· ·
< 0.011 μg	$< 0.0000074 \mathrm{mg/m^3}$
	Date Sampled: 03/09/2020 Air Volume:1399 Liters
T 135	Matrix: PVC Filter - preweighed
·	Concentration
• •	$< 0.071 \text{mg/m}^3$
< 0.011 μg	$< 0.0000075 \mathrm{mg/m^3}$
	Date Sampled: 03/09/2020 Air Volume:1426 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
$<$ 100 μg	$< 0.070 \text{mg/m}^3$
< 0.011 μg	$< 0.0000074 \text{mg/m}^3$
	Date Sampled: 03/09/2020 Air Volume:1427 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
150 μg	$0.10\mathrm{mg/m^3}$
0.017 μg	0.000012mg/m^3
	Date Sampled: 03/10/2020 Air Volume:2975 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.034 mg/m^3$
< 0.011 μg	$< 0.0000035 \text{mg/m}^3$
	Date Sampled: 03/09/2020 Air Volume:1430 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.070 \text{mg/m}^3$
0.024 μg	$0.000017 mg/m^3$
. 5	
	Date Sampled: 03/10/2020 Air Volume:1374 Liters
	Total Mass < 0.011 μg Total Mass < 0.011 μg Total Mass 150 μg 0.017 μg Total Mass < 100 μg < 0.011 μg

Concentration

2000650 Laboratory Number:

Total Mass

	1.0	6
Chromium (VI) Compounds, as Cr (OSHA)	0.027 μg	$0.000020{\rm mg/m^3}$
Lab ID: 2000650-08 Sample ID: 4076-2215		Date Sampled: 03/10/2020 Air Volume:1351 Liters
Sample Description: AMS2 031020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	110 μg	0.081 mg/m^3
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000078 \text{ mg/m}^3$
Lab ID: 2000650-09 Sample ID: 4076-2230		Date Sampled: 03/10/2020 Air Volume:1385 Liters
Sample Description: AMS3 031020	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.072 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000076 \mathrm{mg/m^3}$
Lab ID: 2000650-10 Sample ID: 4076-2223		Date Sampled: 03/10/2020 Air Volume:1346 Liters
Sample Description: AMS4 031020	Total Mass	Matrix: PVC Filter - preweighed Concentration
Analyte Total Particulates	Total Mass	< 0.074 mg/m ³
		ě
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000078 \text{mg/m}^3$
Lab ID: 2000650-11 Sample ID: 4076-2211		Date Sampled: 03/11/2020 Air Volume:2972 Liters
sample Description: AMS5 031120	Total Mass	Matrix: PVC Filter - preweighed
	·	Concentration
Total Particulates	< 100 μg	< 0.034 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.019 µg	$0.0000064 \mathrm{mg/m^3}$
Lab ID: 2000650-12 Sample ID: 4076-2225		Date Sampled: 03/10/2020 Air Volume:1461 Liters
Sample Description: AMS6 031020 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	<u>10tai Mass</u> < 100 μg	< 0.068 mg/m ³
		-
Chromium (VI) Compounds, as Cr (OSHA)	0.014 μg	0.0000097 mg/m^3
Lab ID: 2000650-13 Sample ID: 4076-2224		Date Sampled: 03/11/2020 Air Volume:1392 Liters
Sample Description: AMS1 031120		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.072 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000076 \mathrm{mg/m^3}$
Lab ID: 2000650-14 Sample ID: 4076-2218		Date Sampled: 03/11/2020 Air Volume:1371 Liters
Sample Description: AMS2 031120	T-4-134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	100 u a	0.073 mg/m^3
	100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000077 mg/m^3$
Lab ID: 2000650-15 Sample ID: 4076-2217		Date Sampled: 03/11/2020 Air Volume:1386 Liters
Sample Description: AMS3 031120	< 0.011 μg	Date Sampled: 03/11/2020 Air Volume:1386 Liters Matrix: PVC Filter - preweighed
Lab ID: 2000650-15 Sample ID: 4076-2217 Sample Description: AMS3 031120 Analyte	< 0.011 μg Total Mass	Date Sampled: 03/11/2020 Air Volume:1386 Liters Matrix: PVC Filter - preweighed <u>Concentration</u>
Lab ID: 2000650-15 Sample ID: 4076-2217	< 0.011 μg	Date Sampled: 03/11/2020 Air Volume:1386 Liters Matrix: PVC Filter - preweighed

 $100~\mu g$

 $0.073\ mg/m^{\scriptscriptstyle 3}$

Total Particulates

- 1		
Lab ID: 2000650-16 Sample ID: 4076-2222 Sample Description: AMS4 031120		Date Sampled: 03/11/2020 Air Volume:1357 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.074 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.012 μg	0.0000088 mg/m³
Cinomium (VI) Compounds, as Ci (OSHA)	0.012 μg	0.0000088 mg/m
Lab ID: 2000650-17 Sample ID: 4076-2214		Date Sampled: 03/12/2020 Air Volume:2952 Liters
Sample Description: AMS5 031220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	$0.016~\mu \mathrm{g}$	0.0000053 mg/m^3
Lab ID: 2000650-18 Sample ID: 4076-2235 Sample Description: AMS6 031120		Date Sampled: 03/11/2020 Air Volume:1519 Liters
Sample Description: AMS6 031120 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
	<u> </u>	
Total Particulates	< 100 μg	< 0.066 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000069 \mathrm{mg/m^3}$
Lab ID: 2000650-19 Sample ID: 4076-2249		Date Sampled: 03/12/2020 Air Volume:983 Liters
Sample Description: AMS1 031220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$0.013~\mu \mathrm{g}$	0.000013 mg/m^3
Lab ID: 2000650-20 Sample ID: 4076-2260		Date Sampled: 03/12/2020 Air Volume:962 Liters
Sample Description: AMS2 031220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000650-21 Sample ID: 4076-2241		Date Sampled: 03/12/2020 Air Volume:985 Liters
Sample Description: AMS3 031220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000650-22 Sample ID: 4076-2246		Date Sampled: 03/12/2020 Air Volume:971 Liters
Sample Description: AMS4 031220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000650-23 Sample ID: 4076-2251		Date Sampled: 03/13/2020 Air Volume:2992 Liters
Sample Description: AMS5 031320		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.033 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000035 \mathrm{mg/m^3}$
Lab ID: 2000650-24 Sample ID: 4076-2250		Date Sampled: 03/12/2020 Air Volume:1021 Liters
1		Matrix: PVC Filter - preweighed

<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.098 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000010 mg/m^3$
Lab ID: 2000650-25 Sample ID: 4076-2261		Date Sampled: 03/13/2020 Air Volume:969 Liters
Sample Description: AMS1 031320	77 - 134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2000650-26 Sample ID: 4076-2256		Date Sampled: 03/13/2020 Air Volume:1006 Liters
Sample Description: AMS2 031320 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	< 0.099 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	< 0.000010 mg/m ³
Lab ID: 2000650-27 Sample ID: 4076-2242		Date Sampled: 03/13/2020 Air Volume:971 Liters
Sample Description: AMS3 031320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000650-28 Sample ID: 4076-2248		Date Sampled: 03/13/2020 Air Volume:989 Liters
Sample Description: AMS4 031320		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2000650-29 Sample ID: 4076-2245 Sample Description: AMS5 031620		Date Sampled: 03/16/2020 Air Volume:8897 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.011 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.022 μg	0.0000024 mg/m^3
Lab ID: 2000650-30 Sample ID: 4076-2254 Sample Description: AMS6 031320		Date Sampled: 03/13/2020 Air Volume:1191 Liters Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.084 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	$< 0.0000088 \mathrm{mg/m^3}$
Lab ID: 2000650-31 Sample ID: 4076-2232		Date Sampled: Not Provided
Sample Description: BLANK		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	
Total Particulates	< 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	
Lab ID: 2000650-32 Sample ID: 4076-2233		Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Sample Description: BLANK Analyte	<u>Total Mass</u>	Macrix: FVC riner - preweighed
Total Particulates	<u></u>	
	1.6	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.011 μg	
	Page 4 of 5	2000650
	Laboratory Number:	2000020

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	0.011 μg	TIC-IC-07: Modified OSHA ID 215	03/25/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	03/19/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Less than
 µg
 micrograms
 µg/m³
 micrograms per cubic meter
 ppm
 parts per million
 greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

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Approved by:

7om Surveski

Tom Surveski QA Director Josef Chrzanowski

Josef Chrzanowski IH Laboratory Director Marcel 7. Baril

Marcel F. Baril 2nd Vice President



Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 April 01, 2020

Login# L510373

Account# 14809

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on March 25, 2020. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No.: L510373

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- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

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National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license

Legend

< - Less than MDL - Method Detection Limit mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sqsqalson.com Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 16-MAR-20 - 20-MAR-20

Date Received : 25-MAR-20

Account No.: 14809 Login No. : L510373

Date Analyzed : 26-MAR-20 Report ID : 1194665

Approved by: JMR

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u> </u>	mg/m3
4076-2227	L510373-1	984	<0.050	<0.051
4076-2216	L510373-2	970	<0.050	<0.052
4076-2210	L510373-3	945	<0.050	<0.053
4076-2229	L510373-4	959	<0.050	<0.052
4076-2219	L510373-5	2940	0.052	0.018
4076-2226	L510373-6	938	<0.050	<0.053
4076-2231	L510373-7	984	<0.050	<0.051
4076-2237	L510373-8	973	<0.050	<0.051
4076-2228	L510373-9	945	<0.050	<0.053
4076-2236	L510373-10	967	<0.050	<0.052
4076-2257	L510373-11	1423	<0.050	<0.035
4076-2255	L510373-12	1159	<0.050	<0.043
4076-2240	L510373-13	1000	<0.050	<0.050
4076-2243	L510373-14	985	<0.050	<0.051
4076-2252	L510373-15	966	<0.050	<0.052
4076-2259	L510373-16	1337	<0.050	<0.037

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: HVN

Date : 01-APR-20

Supervisor : KEG



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 16-MAR-20 - 20-MAR-20

Date Received : 25-MAR-20

Account No.: 14809 Login No. : L510373

Date Analyzed : 26-MAR-20 Report ID : 1194665

Total Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
Bampic ID	<u> Hab ID</u>	11001	ılıq	
4076-2253	L510373-17	2985	<0.050	<0.017
4076-2239	L510373-18	1044	<0.050	<0.048
4076-2327	L510373-19	1091	<0.050	<0.046
4076-2325	L510373-20	1119	<0.050	<0.045
4076-2238	L510373-21	1087	<0.050	<0.046
4076-2247	L510373-22	1089	<0.050	<0.046
4076-2320	L510373-23	3636	0.052	0.014
4076-2326	L510373-24	1286	<0.050	<0.039
4076-2331	L510373-25	1172	<0.050	<0.043
4076-2316	L510373-26	1194	0.089	0.075
4076-2336	L510373-27	1149	0.062	0.054
4076-2318	L510373-28	1163	0.059	0.051
4076-2321	L510373-29	9003	0.11	0.012
4076-2330	L510373-30	1540	<0.050	<0.032
4076-2244	L510373-31	NA	<0.050	NA
4076-2258	L510373-32	NA	<0.050	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm Submitted by: HVN

Date : 01-APR-20

Supervisor : KEG

Approved by: JMR



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571

FAX: (315) 437-057 www.sgsgalson.com

Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 16-MAR-20 - 20-MAR-20

Date Received : 25-MAR-20

Account No.: 14809 Login No. : L510373

Date Analyzed : 30-MAR-20 Report ID : 1195080

Hexavalent Chromium

Comple ID	Ioh ID	Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	<u>liter</u>	<u>uq</u>	<u>uq/m3</u>
4076-2227	L510373-1	984	<0.030	<0.030
4076-2216	L510373-2	970	<0.030	<0.031
4076-2210	L510373-3	945	<0.030	<0.032
4076-2229	L510373-4	959	<0.030	<0.031
4076-2219	L510373-5	2940	<0.030	<0.010
4076-2226	L510373-6	938	<0.030	<0.032
4076-2231	L510373-7	984	<0.030	<0.030
4076-2237	L510373-8	973	<0.030	<0.031
4076-2228	L510373-9	945	<0.030	<0.032
4076-2236	L510373-10	967	<0.030	<0.031
4076-2257	L510373-11	1423	<0.030	<0.021
4076-2255	L510373-12	1159	<0.030	<0.026
4076-2240	L510373-13	1000	<0.030	<0.030
4076-2243	L510373-14	985	<0.030	<0.030
4076-2252	L510373-15	966	<0.030	<0.031
4076-2259	L510373-16	1337	<0.030	<0.022

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: MCM

Date : 01-APR-20

Supervisor : MWJ



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East Syracuse, NY 13057

(315) 432-5227

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Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 16-MAR-20 - 20-MAR-20

Date Received : 25-MAR-20

Account No.: 14809 Login No. : L510373

Date Analyzed : 30-MAR-20 Report ID : 1195080

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total	Conc ug/m3
Sample ID	Lab ID	IICEI	<u>uq</u>	<u>uq/iii3</u>
4076-2253	L510373-17	2985	<0.030	<0.010
4076-2239	L510373-18	1044	<0.030	<0.029
4076-2327	L510373-19	1091	<0.030	<0.027
4076-2325	L510373-20	1119	<0.030	<0.027
4076-2238	L510373-21	1087	<0.030	<0.028
4076-2247	L510373-22	1089	<0.030	<0.028
4076-2320	L510373-23	3636	<0.030	<0.0083
4076-2326	L510373-24	1286	<0.030	<0.023
4076-2331	L510373-25	1172	<0.030	<0.026
4076-2316	L510373-26	1194	<0.030	<0.025
4076-2336	L510373-27	1149	<0.030	<0.026
4076-2318	L510373-28	1163	<0.030	<0.026
4076-2321	L510373-29	9003	<0.030	<0.0033
4076-2330	L510373-30	1540	<0.030	<0.019
4076-2244	L510373-31	NA	<0.030	NA
4076-2258	L510373-32	NA	<0.030	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: MCM

Date : 01-APR-20

Supervisor : MWJ

Approved by: NKP





GALSON

Client Name : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled: 16-MAR-20 - 20-MAR-20 Account No.: 14809
Date Received: 25-MAR-20 Login No.: L510373

Date Analyzed: 26-MAR-20 - 30-MAR-20

L510373 (Report ID: 1194665):

6601 Kirkville Road

FAX: (315) 437-0571

www.sgsgalson.com

East Syracuse, NY 13057 (315) 432-5227

SOPs: GRAV-SOP-5(28), GRAV-SOP-6(23)

Initial tare weighings were not performed by SGS Galson. The LOQ was determined using

SGS Galson media and may not apply to media of different manufacture.

GRAVIMETRIC ANALYSIS CV = N/A; Avg. Recovery = N/A

L510373-8,19 (Report ID: 1194665):

Filter adhered to the cassette causing it to be torn during analysis. Results may be biased low.

L510373 (Report ID: 1194665):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Total Dust	N/A	N/A

L510373 (Report ID: 1195080):

HEXAVALENT CHROMIUM CV = 0.0672; Avg. Recovery = 98.0

SOPs: IC-SOP-15(23)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be able to verify lot background levels for media obtained through alternate vendors.

L510373 (Report ID: 1195080):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-13.2%	98%

1Z8735VF0398372679

Date: 03/25/20 Shipper:UPS Initials: MAK



Prep:UNKNOWN

US10373 GALSON CHAIN OF CUSTODY



Tuny Acoust Time (TAT) Succharge Client Acet No.: 1489		· · · · · · · · · · · · · · · · · · ·													
A Business Days 35%			Client Acc	t No.:	Report To:	Mr. Care	y Wu			Invoice To:	ACCO	JNTS PAYABLE			
Address 1: 258 VreeLand Road Address 2: Suite 101 Address 3: 258 VreeLand Road Address 2: Suite 101 Address 2: Suite 101 City, State 2: Suite 101 Comments: Spatius 101 Comments: Spatius 101 Comments: Spatius 101 Comments:			14809		- Company Name :	Emilcott	, Associates		c	ompany Name :	Emil	cott Associates			
Address 2: Suite 101 Rext Day by 6pm 100%					Address 1 :	25B Vree	land Road			Address 1 :	25B 1	Vreeland Road			
City, State (p. 9) Flortham Park. NJ 07932 City, State (p. 9) Flortham Park. NJ 07932 City, State (p. 9) Flortham Park. NJ 07932 Phone No.: 973 - 534 - 1110, Ext. 224 Phone No.: 973 - 534 - 1110, Ext. 224 Phone No.: 973 - 534 - 1110, Ext. 224 Phone No.: 973 - 534 - 1110, Ext. 224 Phone No.: 100	<u> </u>	-,-	Original F	rep No.:	Address 2 :	Suite 10	1			Address 2 :	Suite	⊇ 101			
Next Day by Noon 150% Same Day 200% Email reports to : cws@emilcott.com Comments: Comments: PO. No. : PPGIOSA25T PPWINTER Power	2 Business D	ays 75%	·		City, State Zip :	Florham	Park, NJ 079	32		City, State Zip :	Flori	nam Park, NJ 079	32		
Cell No: 698 - 234 - 4311 Samples submitted using the FreePumpLoan** Program Comments: Per client, Cr6 process is soil cleanup (no process). SBB 03/26/20 State Sampled State S	Next Day by 6	5pm 1009	-	C No.	Phone No. :	973 - 53	8 - 1110, Ex	tt. 224		Phone No. :		-			
Samples submitted using the FreePumpLoan* Program Samples submitted using the Samp	Next Day by N	oon 1509	6	C No.:	Cell No. :	609 - 23	4 - 4311			Email Address :	apin	voice@emilcott.c	om		
Samples submitted using the FreePumpLoan ™ Program	☐ Same	Day 200%	6 203321		Email reports to :	cwu@emil	cott.com			Comments:					
FreePumpLoan	Samples submitte	d using the			Comments :										
Samples submitted using the FreeSamplingBadges** Program										Payment info. :					
NJ OSHA PEL ACCHI-TIL MSNA Cal OSH											∟ Car	d on File (enter the last	five digits	on the li	ine below)
NJ OSHA PEL ACCHI-TIL MSNA Cal OSH	Comments:	iont Cre -	rooss is a	oil alas:	nun (no process) CDD 0	2/26/20			State Samples	j: F	Please indicate which O	EL(s) this d	ata will	be used for :
Site Name : DENNIS COLLINS PARK Project : PPG SITE 174 Sampled By : Carey Wu List description of industry or Process/interferences present in sampling area Sample ID (Maximum of 20 Characters) Date Sampled Collection Medium Sample Volume Sample Time Sample Analysis Requested Method Reference Hexavalent Chromium Process (e.g., welding plating, painting, etc.)	Per ci	ient, Cro p	process is s	oli cleai	nup (no process). 566 0	3/26/20			NJ		OSHA PEL □ACG	H TLV □r	MSHA	Cal OSHA
Sample ID (Maximum of 20 Characters) Date Sampled Collection Medium Sample Volume Sample Area Sample Volume Sample Area Analysis Requested Method Reference Amely indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you. Chain of Custody Print Name / Signature Date Time Relinquished By: Samples received after 3pm will be considered as next day's business. Specify Cimit(s) Hexavalent Chromium mod. OSHA ID-215 (version 2); Ic/UV Contamination Total Dust mod. NIOSH 0500; Gravimetric Date Time Print Name / Signature Date Time Relinquished By: Samples received after 3pm will be considered as next day's business. Samples received after 3pm will be considered as next day's business. Samples received 3:324/2020 3:35:34 PM		•									- 1				
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Sample ID Date Sampled Collection Medium Sample Time Sample Time Sample Area In In In In In In In I	Site Name: DENNIS	COLLINS I	PARK Pro	oject: PI	PG SITE 174		Sampled By :	Carey Wu		List description	of indus	stry or Process/interfere	ences prese	nt in sar	npling area :
All NG SK3 25 20 Total Dust Total Dust Mod. NIOSH 0500; Gravimetric Time Print Name / Signature Date Time Print Name / Signature Date Time Relinquished By: Received By: Received By: Received By: Received By: Samples received after 3pm will be considered as next day's business. Samples received after 3pm will be considered as next day's business. Account No.: 14809 Finalized: 3/24/2020 3:35:34 PM			Date Sampled	1	Collection Medium	5	Sample Time	Minutes	Ana	lysis Requested		Method Reference	· ^ Pr	ocess (e	e.g., welding,
Alf the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you. Chain of Custody Print Name / Signature Date Time Print Name / Signature Date Time Relinquished By: Relinquished By: Carey Wu SIGNED ELECTRONICALLY 3/24/2020 15:32 Received By: Received BM Is helle Krause Will be considered as next day's business. Samples received after 3pm will be considered as next day's business. Of line COC No.: 205321 Prep No.: Account No.: 14809 Finalized: 3/24/2020 3:35:34 PM	4076-2227		3/16/2020	-			4	L	Hexavale	nt Chromium					nation
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Received BM chelle Krause 325 D 043 Samples received after 3pm will be considered as next day's business. Samples received after 3pm will be considered as next day's business. Samples received after 3pm will be considered as next day's business. Prep No.: Account No.: 14809 Finalized: 3/24/2020 3:35:34 PM	Chain of Custody		Print Name	/ Signature	e	Date	Time			Print Name	/ Signati	ure	Date		Time
Samples received after 3pm will be considered as next day's business. Samples received after 3pm will be considered as next day's business. Prep No. : Account No. : 14809 Finalized : 3/24/2020 3:35:34 PM	Relinquished By :		Carey Wu	SIGNED	ELECTRONICALLY	3/24/202	20 15:32	Received By :							
Samples received after 3pm will be considered as next day's business. Prep No.: Account No.: 14809 Finalized: 3/24/2020 3:35:34 PM	Relinquished By :							Received B	ichelle	Kraves M	0 . /	10. X	325	2 Ω	0943
All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx			_		Samples re	eceived after	3pm will be con			yave "	i.	Online COC No. Prep No. Account No.	: : 14809	3:35:34	PM
		All	services are ren	dered in a	ccordance with the app	plicable SGS	General Conditi	ons of Service acce	ssible via: http:/	/www.sgs.com/e	n/Terms	-and-Conditions.aspx			

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America,



Comments :				-					
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sampl	Volume e Time le Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Process	ent Chromiun (e.g., welding painting, etc.)
4076-2216	3/16/2020	2pc 37mm PW PVC	970		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Legacy Contain	ination
					b * .	Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2210	3/16/2020	2pc 37mm PW PVC	945		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Legacy Contam	ination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2229	3/16/2020	2pc 37mm PW PVC	959		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Legacy V Contam	ination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2219	3/16/2020	2pc 37mm PW PVC	2940		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Legacy V Contam	ination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2226	3/16/2020	2pc 37mm PW PVC	938		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Legacy V Contam	ination
						Total Dust	mod. NIOSH 0500; Gravimetric		
<u> </u>									
					preferred methods.	If this is not acceptable, check here			
Chain of Custody Relinquished By :	Print Name / S	ignature IGNED ELECTRONICALLY	Date	Time 15:32	Received By :	Print Name / Sign	nature	Date	Time
Relinquished By :	Carey Wu SI	IGNED ELECTRONICALLY	3/24/2020	15:32		ichelle Krause Much	helle Krause	3/25/20	0943
		Samples re	ceived after 3pm w	vill be cons	idered as next day's	business.	Online COC No. : Prep No. : Account No. : Finalized :		4 PM
A	II services are rende	red in accordance with the app	olicable SGS Gener	ral Condition	ons of Service access	ible via: http://www.sgs.com/en/Ter	ms-and-Conditions.aspx		

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SGS North 6601 Kirkville Road E. Syracuse, NY 13057, USA t+1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Page 9 of 16 Repdrt-Reference:1 Generated:01-APR-20 16:03



Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sar	ple Volume mple Time mple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Hexavalent Chromiun Process (e.g., welding plating, painting, etc.
4076-2231	3/17/2020	2pc 37mm PW PVC	984		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
		- A				Total Dust	mod. NIOSH 0500; Gravimetric	
4076-2237	3/17/2020	2pc 37mm PW PVC	973		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
						Total Dust	mod. NIOSH 0500; Gravimetric	
4076-2228	3/17/2020	2pc 37mm PW PVC	945		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
						Total Dust	mod. NIOSH 0500; Gravimetric	
4076-2236	3/17/2020	2pc 37mm PW PVC	967		L ·	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
						Total Dust	mod. NIOSH 0500; Gravimetric	
4076-2257	3/17/2020	2pc 37mm PW PVC	1423		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
						Total Dust	mod. NIOSH 0500; Gravimetric	
^ If the method(s) indicated	on the COC are not ou	r routine/preferred method(s)	, we will substitu	ute our routine	e/preferred methods.	If this is not acceptable, check here	to have us contact you.	
Chain of Custody	Print Name / S	ignature	Date	Time		Print Name / Sign	nature	Date Time
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	3/24/2020	15:32	Received By :		1	1 0 6
Relinquished By :		Samples re	eceived after 3p	m will be cons	Received (%)		Online COC No.: 2053 Prep No.: Account No.: 1480	

Page: 3/8

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America,

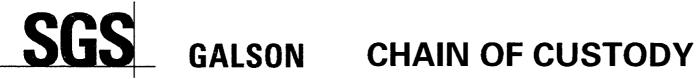


Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sa	nple Volume mple Time imple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Hexavalent Chromiun Process (e.g., welding plating, painting, etc.
4076-2255	3/17/2020	2pc 37mm PW PVC	1159		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
		•				Total Dust	mod. NIOSH 0500; Gravimetric	
4076-2240	3/18/2020	2pc 37mm PW PVC	1000		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
					•	Total Dust	mod. NIOSH 0500; Gravimetric	-
4076-2243	3/18/2020	2pc 37mm PW PVC	985		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
						Total Dust	mod. NIOSH 0500; Gravimetric	
4076-2252	3/18/2020	2pc 37mm PW PVC	966		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
`						Total Dust	mod. NIOSH 0500; Gravimetric	
4076-2259	3/18/2020	2pc 37mm PW PVC	1337		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contamination
						Total Dust	mod. NIOSH 0500; Gravimetric	
^ If the method(s) indicated on	the COC are not ou	routine/preferred method(s),	we will substit	ute our routine	e/preferred methods	. If this is not acceptable, check here t	o have us contact you.	
Chain of Custody	Print Name / S	gnature	Date	Time		Print Name / Sign	ature	Date Time
Relinquished By : Relinquished By :	Carey Wu S	GNED ELECTRONICALLY	3/24/2020	15:32	Received By :	Michelle Krause Mu	chelle Harause 3	125/20 094
		Samples red	ceived after 3p	m will be cons	sidered as next day's	business.	Online COC No. : 2053 Prep No. : Account No. : 1480 Finalized : 3/24	

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3/18/2020		Sa	mple Time mple Area	Minutes in², cm², ft²	Analysis Requested	Method Reference ^		e.g., welding painting, etc.)
	2pc 37mm PW PVC	2985		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contami	nation
				·	Total Dust	mod. NIOSH 0500; Gravimetric		
3/18/2020	2pc 37mm PW PVC	1044	•	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contami	nation
					Total Dust	mod. NIOSH 0500; Gravimetric		
3/19/2020	2pc 37mm PW PVC	1091		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contami	.nation
					Total Dust	mod. NIOSH 0500; Gravimetric		<u>, , , , , , , , , , , , , , , , , , , </u>
3/19/2020	2pc 37mm PW PVC	1119		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contami	nation
					Total Dust	mod. NIOSH 0500; Gravimetric		
3/19/2020	2pc 37mm PW PVC	1087		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Legacy Contami	nation
	,				Total Dust	mod. NIOSH 0500; Gravimetric		
COC are not our	routine/preferred method(s),	we will substit	ute our routine	preferred methods.	If this is not acceptable, check here t	o have us contact you.		
	<u></u>	Date	Time	ļ <u></u>	Print Name / Signa	ature	Date	Time
Carey Wu SI	GNED ELECTRONICALLY	3/24/2020	15:32				1 - 10-	-01-2
3	/19/2020 /19/2020 /19/2020 COC are not our	/19/2020 2pc 37mm PW PVC /19/2020 2pc 37mm PW PVC /19/2020 2pc 37mm PW PVC /0C are not our routine/preferred method(s), Print Name / Signature arey Wu SIGNED ELECTRONICALLY	/19/2020 2pc 37mm PW PVC 1091 /19/2020 2pc 37mm PW PVC 1119 /19/2020 2pc 37mm PW PVC 1087 OC are not our routine/preferred method(s), we will substite Print Name / Signature Date arey Wu SIGNED BLECTRONICALLY 3/24/2020	/19/2020 2pc 37mm PW PVC 1091 /19/2020 2pc 37mm PW PVC 1119 /19/2020 2pc 37mm PW PVC 1087 OC are not our routine/preferred method(s), we will substitute our routine/Print Name / Signature Date Time arey Wu SIGNED ELECTRONICALLY 3/24/2020 15:32	/19/2020 2pc 37mm PW PVC 1091 L /19/2020 2pc 37mm PW PVC 1119 L /19/2020 2pc 37mm PW PVC 1087 L OC are not our routine/preferred method(s), we will substitute our routine/preferred methods. Print Name / Signature Date Time arey Wu SIGNED ELECTRONICALLY 3/24/2020 15:32 Received By: Received By:	Total Dust Total Dust Hexavalent Chromium Total Dust	Total Dust mod. NIOSH 0500; Gravimetric /19/2020 2pc 37mm PW PVC 1091 L Hexavalent Chromium mod. OSHA ID-215 (version 2); IC/UV Total Dust mod. NIOSH 0500; Gravimetric /19/2020 2pc 37mm PW PVC 1119 L Hexavalent Chromium mod. OSHA ID-215 (version 2); IC/UV Total Dust mod. NIOSH 0500; Gravimetric /19/2020 2pc 37mm PW PVC 1187 L Hexavalent Chromium mod. OSHA ID-215 (version 2); IC/UV Total Dust mod. NIOSH 0500; Gravimetric /19/2020 2pc 37mm PW PVC 1087 L Hexavalent Chromium mod. OSHA ID-215 (version 2); IC/UV Total Dust mod. NIOSH 0500; Gravimetric /19/2020 2pc 37mm PW PVC 1087 L Hexavalent Chromium mod. OSHA ID-215 (version 2); IC/UV Total Dust mod. NIOSH 0500; Gravimetric /19/2020 Print Name / Signature Date Time Print Name / Signature Print Name / Signature Print Name /	(version 2); IC/UV Contami Total Dust mod. NIOSH 0500; Grav/metric mod. OSHA ID-215 Legacy (version 2); IC/UV Contami Total Dust mod. OSHA ID-215 (version 2); IC/UV Contami Total Dust mod. NIOSH 0500; Grav/metric mod. OSHA ID-215 (version 2); IC/UV Contami Total Dust mod. NIOSH 0500; Grav/metric mod.

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Comments :									
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	San	ple Volume nple Time nple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	· ^ Proce	valent Chromium ess (e.g., welding, ng, painting, etc.)
4076-2247	3/19/2020	2pc 37mm PW PVC	1089		L	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC		cy amination
			,		. • •	Total Dust	mod. NIOSH 0500 Gravimetric	;	
4076-2320	3/19/2020	2pc 37mm PW PVC	3636		L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC,		cy amination
						Total Dust	mod. NIOSH 0500 Gravimetric	·	
4076-2326	3/19/2020	2pc 37mm PW PVC	1286		L	Hexavalent Chromium	mod. OSHA ID-219 (version 2); IC	. 13-	cy amination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2331	3/20/2020	2pc 37mm PW PVC	1172		L	Hexavalent Chromium	mod. OSHA ID-219 (version 2); IC	1 -2	cy amination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2316	3/20/2020	2pc 37mm PW PVC	1194		L	Hexavalent Chromium	mod. OSHA ID-219 (version 2); IC	1	cy amination
						Total Dust	mod. NIOSH 0500; Gravimetric	;	
^ If the method(s) indicated or	n the COC are not ou	r routine/preferred method(s)	, we will substitu	ite our routine	preferred method	s. If this is not acceptable, check	here to have us contact you.		
Chain of Custody	Print Name / S	ignature	Date	Time		Print Name	/ Signature	Date	Time
Relinquished By :	Carey Wu Si	IGNED ELECTRONICALLY	3/24/2020	15:32	Received By :			,	
Relinquished By :					Received By :	Michelle Krause	at a fet til mente	3 25	10 0943
		Samples re	eceived after 3pm	n will be cons	idered as next day	s business.) Prep No. Account No.	:	5:34 PM
F	All services are rende	red in accordance with the ap	plicable SGS Ge	neral Condition	ons of Service acces	ssible via: <u>http://www.sgs.com/e</u>	n/Terms-and-Conditions.aspx		

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Comments :									
Sample I (Maximum of 20 C		Collection Medium	Sar	ple Volume nple Time mple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Proce	valent Chromium ss (e.g., welding, ng, painting, etc.)
4076-2336	3/20/2020	2pc 37mm PW PVC	1149		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Lega JV Cont	cy amination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2318	3/20/2020	2pc 37mm PW PVC	1163		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Lega JV Cont	cy amination
			i.			Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2321	3/20/2020	2pc 37mm PW PVC	9003	···········	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Lega JV Cont	cy amination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2330	3/20/2020	2pc 37mm PW PVC	1540		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Lega IV Cont	cy amination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2244	3/20/2020	2pc 37mm PW PVC	N/A	(BLANK)	N/A	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	Lega Cont	cy amination
						Total Dust	mod. NIOSH 0500; Gravimetric		
^ If the method(s	indicated on the COC are not	our routine/preferred method(s)	, we will substitu	te our routine	Le/preferred methods	. If this is not acceptable, check here t	o have us contact you.		
Chain of Custody	Print Name	/ Signature	Date	Time		Print Name / Signa	ature	Date	Time
Relinquished By :	Carey Wu	SIGNED ELECTRONICALLY	3/24/2020	15:32	Received By :				
Relinquished By :					Received By	LATER V	(ka s/	3 25 20	0943
		Samples re	eceived after 3pr	n will be cons	idered as next day's	s business.	Online COC No. : Prep No. : Account No. :	205321	
	All services are rer	dered in accordance with the ap	plicable SGS Ge	neral Condition	ons of Service acces	sible via: http://www.sgs.com/en/Tern	ns-and-Conditions,aspx		

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Comments :									
Sample ID			Sam	ple Volume	Liters				nt Chromium
(Maximum of 20 Ch	aracters) Date Sampled	Collection Medium		mple Time mple Area	Minutes in², cm², ft²	Analysis Requested	Method Reference		e.g., welding, painting, etc.)
4076-2258	3/20/2020	2pc 37mm PW PVC	N/A	(BLANK)	N/A	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/		nation
		-		······································		Total Dust	mod. NIOSH 0500; Gravimetric		
<u> </u>									
									-
				-					<u> </u>
			<u></u>	·					
^ If the method(s) i	ndicated on the COC are not o	ur routine/preferred method(s),	we will substitu	ite our routine	/preferred methods	s. If this is not acceptable, check	here to have us contact you.		
Chain of Custody	Print Name /	Signature	Date	Time		Print Name	/ Signature	Date	Time
Relinquished By:	Carey Wu	SIGNED ELECTRONICALLY	3/24/2020	15:32	Received By :				
Relinquished By :		Samples re	eceived after 3pr	n will be cons	Received By idered as next day'	ichelle Krause F	Onlyne COC No. Prep No. Account No. Finalized	: 205321 :	<i>0</i> 943
	All services are rend	lered in accordance with the ap	plicable SGS Ge	neral Condition	ns of Service acces	sible via: http://www.sgs.com/e	en/Terms-and-Conditions.aspx		

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Per client, prewe	ights are as follows:
Filter ID	Tare Wt millgrams
4076-2210	15.346
4076-2216	14.668
4076-2219	14.616
4076-2226	15.081
4076-2227	14.294
4076-2228	14.479
4076-2229	14.392
4076-2231	14.665
4076-2236	15.380
4076-2237	15.462
4076-2238	15.929
4076-2239	15.790
4076-2240	14.887
4076-2243	14.288
4076-2244	14.640
4076-2247	15.108
4076-2253	16.112
4076-2255	15.943
4076-2252	15.107
4076-2257	16.397
4076-2258	14.694
4076-2259	14.273
4076-2316	15.164
4076-2318	16.167
4076-2320	17.040
4076-2321	14.946
4076-2325	15.175
4076-2326	15.160
4076-2327	14.342
4076-2330	15.509
4076-2331	14.648
4076-2336	16.719
SBB 03/26/20	



Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 April 06, 2020

Account# 14809 Login# L510723

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on April 01, 2020. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No.: L510723

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license

Legend

< - Less than MDL - Method Detection Limit mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sqsqalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 23-MAR-20 - 27-MAR-20

Date Received : 01-APR-20

Account No.: 14809 Login No. : L510723

Date Analyzed : 02-APR-20 Report ID : 1195265

Approved by: CMP

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	mg	mg/m3
4076-2339	L510723-1	401	<0.050	<0.12
4076-2338	L510723-2	427	<0.050	<0.12
4076-2329	L510723-3	435	<0.050	<0.11
4076-2332	L510723-4	414	<0.050	<0.12
4076-2333	L510723-5	1443	<0.050	<0.035
4076-2317	L510723-6	421	<0.050	<0.12
4076-2175	L510723-7	1225	<0.050	<0.041
4076-2164	L510723-8	1256	<0.050	<0.040
4076-2178	L510723-9	1231	<0.050	<0.041
4076-2179	L510723-10	1217	<0.050	<0.041
4076-2186	L510723-11	3087	<0.050	<0.016
4076-2173	L510723-12	1210	<0.050	<0.041
4076-2162	L510723-13	1310	<0.050	<0.038
4076-2160	L510723-14	1290	<0.050	<0.039
4076-2161	L510723-15	1336	<0.050	<0.037
4076-2159	L510723-16	1318	<0.050	<0.038

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: EAP

Date : 03-APR-20

Supervisor : KEG



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates : DENNIS COLLINS PARK Site

Project No. : PPG SITE 174

Date Sampled : 23-MAR-20 - 27-MAR-20

Date Received : 01-APR-20

Account No.: 14809 Login No. : L510723

Date Analyzed : 02-APR-20 Report ID : 1195265

Approved by: CMP

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	mg	mg/m3
4076-2163	L510723-17	2912	0.064	0.022
20-0081749	L510723-18	1353	<0.050	<0.037
20-0081761	L510723-19	1322	0.052	0.039
20-0081747	L510723-20	1356	<0.050	<0.037
20-0081756	L510723-21	1407	0.071	0.050
20-0081751	L510723-22	2887	<0.050	<0.017
20-0081753	L510723-23	1184	<0.050	<0.042
20-0081755	L510723-24	1155	0.057	0.049
20-0081745	L510723-25	1082	<0.050	<0.046
20-0081748	L510723-26	1112	<0.050	<0.045
20-0081742	L510723-27	9126	0.061	0.0067
20-0081783	L510723-28	NA	<0.050	NA
20-0081778	L510723-29	NA	<0.050	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: EAP

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 03-APR-20

Collection Media : PVC PW 37mm Supervisor : KEG



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 23-MAR-20 - 27-MAR-20

Date Received : 01-APR-20

Account No.: 14809 Login No. : L510723

Date Analyzed : 03-APR-20 - 04-APR-20

Report ID : 1195472

Hexavalent Chromium

Sample ID	<u>Lab ID</u>	Air Vol liter	Total uq	Conc ug/m3
4076-2339	L510723-1	401	<0.030	<0.075
4076-2338	L510723-2	427	<0.030	<0.070
4076-2329	L510723-3	435	<0.030	<0.069
4076-2332	L510723-4	414	<0.030	<0.072
4076-2333	L510723-5	1443	<0.030	<0.021
4076-2317	L510723-6	421	<0.030	<0.071
4076-2175	L510723-7	1225	<0.030	<0.024
4076-2164	L510723-8	1256	<0.030	<0.024
4076-2178	L510723-9	1231	<0.030	<0.024
4076-2179	L510723-10	1217	<0.030	<0.025
4076-2186	L510723-11	3087	<0.030	<0.0097
4076-2173	L510723-12	1210	<0.030	<0.025
4076-2162	L510723-13	1310	<0.030	<0.023
4076-2160	L510723-14	1290	<0.030	<0.023
4076-2161	L510723-15	1336	<0.030	<0.022
4076-2159	L510723-16	1318	<0.030	<0.023

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: MCM

Date : 06-APR-20

Supervisor : MWJ

Approved by: NKP



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 23-MAR-20 - 27-MAR-20

Date Received : 01-APR-20

Account No.: 14809 Login No. : L510723

Date Analyzed : 03-APR-20 - 04-APR-20

Report ID : 1195472

Hexavalent Chromium

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	ug	ug/m3
4076-2163	L510723-17	2912	<0.030	<0.010
20-0081749	L510723-18	1353	<0.030	<0.022
20-0081761	L510723-19	1322	<0.030	<0.023
20-0081747	L510723-20	1356	<0.030	<0.022
20-0081756	L510723-21	1407	<0.030	<0.021
20-0081751	L510723-22	2887	<0.030	<0.010
20-0081753	L510723-23	1184	<0.030	<0.025
20-0081755	L510723-24	1155	<0.030	<0.026
20-0081745	L510723-25	1082	<0.030	<0.028
20-0081748	L510723-26	1112	<0.030	<0.027
20-0081742	L510723-27	9126	<0.030	<0.0033
20-0081783	L510723-28	NA	<0.030	NA
20-0081778	L510723-29	NA	<0.030	NA
20-0081761 20-0081747 20-0081756 20-0081751 20-0081753 20-0081745 20-0081745 20-0081748 20-0081742 20-0081783	L510723-19 L510723-20 L510723-21 L510723-22 L510723-23 L510723-24 L510723-25 L510723-26 L510723-27 L510723-27	1322 1356 1407 2887 1184 1155 1082 1112 9126 NA	<0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030	<0.023 <0.022 <0.021 <0.010 <0.025 <0.026 <0.028 <0.027 <0.0033

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm Submitted by: MCM

Date : 06-APR-20

Supervisor : MWJ





Client Name : Emilcott Associates : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled: 23-MAR-20 - 27-MAR-20 Account No.: 14809 Date Received: 01-APR-20 Login No. : L510723

Date Analyzed: 02-APR-20 - 04-APR-20

L510723 (Report ID: 1195265):

6601 Kirkville Road

FAX: (315) 437-0571

www.sgsgalson.com

East Syracuse, NY 13057 (315) 432-5227

GRAVIMETRIC ANALYSIS CV = 0.0272; Avg. Recovery = 101.

SOPs: GRAV-SOP-5(28), GRAV-SOP-6(23)

L510723-1-17 (Report ID: 1195265):

Initial tare weighings were not performed by SGS Galson. The LOQ was determined using

SGS Galson media and may not apply to media of different manufacture.

L510723 (Report ID: 1195265):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Total Dust	+/-5.5%	101%

L510723 (Report ID: 1195472):

HEXAVALENT CHROMIUM CV = 0.0672; Avg. Recovery = 98.0

SOPs: IC-SOP-15(23)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L510723 (Report ID: 1195472):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery		
Hexavalent Chromium	+/-13.2%	98%		

1 28735VF039301250	3
'Date:04/01/20	
Shipper:UPS Initials:RAM	
Initials:RAM	

Prep:UNKNOUN	

GALSON CHAIN OF CUSTODY

(, 2 + 63

Turn Around Time (TAT): (surcharge) Client Acct No.: Report To: Mr. Carey Wu Invoice To: ACCOUNTS PAYABLE \mathbf{Z} Standard 0% 14809 Company Name: Emilcott Associates Company Name: Emilcott Associates 4 Business Days 35% Address 1: 25B Vreeland Road Address 1: 25B Vreeland Road 3 Business Days 50% Original Prep No.: Address 2: Suite 101 Address 2: Suite 101 2 Business Days 75% City, State Zip: Plorham Park, NJ 07932 City, State Zip: Florham Park, NJ 07932 Next Day by 6pm 100% Phone No.: 973 - 538 - 1110, Ext. 224 Phone No. : Online COC No.: Next Day by Noon Cell No.: 609 - 234 - 4311 Email Address: apinvoice@emilcott.com 205496 Same Day 200% Email reports to: cwu@emilcott.com Comments: 973-538-1110 Comments: P.O. No.: PPGI05A26T Samples submitted using the Payment info. : I will call SGS Galson to provide credit card info FreePumpLoan™ Program Card on File (enter the last five digits on the line below) Samples submitted using the FreeSamplingBadges™ Program Comments: State Sampled: Please indicate which OEL(s) this data will be used for : Per client, no Cr6 process (soil clean-up). SBB 04/01/20 OSHA PEL ACGIH TLV MSHA CEI OSHA NJ Other: □iaa: Specify Limit(s) Specify Other Site Name: DENNIS COLLINS PARK Project: PPG SITE 174 Sampled By: Carey Wu List description of industry or Process/interferences present in sampling area: Sample Volume Liters Hexavalent Chromium Sample ID Date Sampled Collection Medium Sample Time Minutes **Analysis Requested** Method Reference ^ Process (e.g., welding, (Maximum of 20 Characters) Sample Area in², cm², ft² plating, painting, etc.) 4076-2339 3/23/2020 2pc 37mm PW PVC 401 Hexavalent Chromium mod. OSHA ID-215 COPR (version 2); IC/UV Contamination Total Dust mod. NIOSH 0500; Gravimetric 🔲 ^ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you. Chain of Custody Print Name / Signature Date Time Print Name / Signature Date Time Relinquished By: Carey Wu SIGNED ELECTRONICALLY 3/31/2020 Received By: 15:10 Musoul Relinquished By : Received By: Online COC No.: 205496 Samples received after 3pm will be considered as next day's business. Prep No.: Account No.: 14809 Finalized: 3/31/2020 3:13:01 PM All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx

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SGS North | 6601 Kirkville Road E, Syracuse, NY 13057, USA 1+1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sqs.com America.

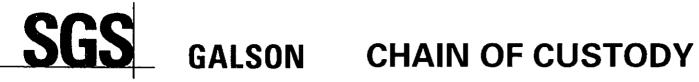


Comments :										
Sample ID (Maximum of 20 Character	S) Date Sampled	Collection Medium		Sample Volume Sample Time Sample Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Process	fent Chromium s (e.g., welding, , painting, etc.)	
4076-2338	3/23/2020	2pc 37mm PW PVC	1	427	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	COPR	mination	
			Y			Total Dust	mod. NIOSH 0500; Gravimetric			
4076-2329	3/23/2020	2pc 37mm PW PVC	Λ	435	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	COPR V Contar	mination	
						Total Dust	mod. NIOSH 0500; Gravimetric			
4076-2332	3/23/2020	2pc 37mm PW PVC		414	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	COPR V Contar	mination	
						Total Dust	mod. NIOSH 0500; Gravimetric			
4076-2333	-2333 3/23/2020 2pc 37mm PW PVC			1443	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	COPR Contar	COPR Contamination	
			1			Total Dust	mod. NIOSH 0500; Gravimetric			
4076-2317	3/23/2020	2pc 37mm PW PVC	:	421	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	COPR Contar	nination	
						Total Dust	mod. NIOSH 0500; Gravimetric			
								•		
^ If the method(s) indicate	ed on the COC are not o	ur routine/preferred method(s),	we will	substitute our routir	e/preferred method	s. If this is not acceptable, check he	re to have us contact you.			
Chain of Custody	Print Name /	Signature	Da	te Time		Print Name / Si	ignature	Date	Time	
Relinquished By :	Carey Wu	SIGNED ELECTRONICALLY	3/31/	2020 15:10	Received By :	Ross Moore 6	nor Muse	4/1/26	11/3	
Relinquished By :					Received By :					
		Samples ro	eceived (after 3pm will be con	sidered as next day	's business.	Online COC No. : 2 Prep No. : Account No. : 1 Finalized : 3		01 PM	
	All services are rend	ered in accordance with the ap	plicable	SGS General Condit	ions of Service acce	ssible via: http://www.sgs.com/en/I	erms-and-Conditions.asox			

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Comments :										
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sar	ple Volume nple Time mple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	n Pro	cavalent Chromium cess (e.g., welding, ting, painting, etc.)	
4076-2175	3/24/2020	2pc 37mm PW PVC	1225	- `-	L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC	5 COE		
						Total Dust	mod. NIOSH 0500; Gravimetric	,		
4076-2164	3/24/2020	2pc 37mm PW PVC	1256		L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC,		PR ntamination	
						Total Dust	mod. NIOSH 0500; Gravimetric	,		
4076-2178	3/24/2020	2pc 37mm PW PVC	1231	•	L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC		PR ntamination	
		1				Total Dust	mod. NIOSH 0500; Gravimetric	;		
4076-2179	3/24/2020 2pc 37mm PW PVC 1217		L		Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC,		COPR Contamination		
		1				Total Dust	mod. NIOSH 0500; Gravimetric	;		
4076-2186	3/24/2020	3/24/2020 2pc 37mm PW PVC			L	Hexavalent Chromium	mod. OSHA ID-219 (version 2); IC,		COPR Contamination	
						Total Dust	mod. NIOSH 0500; Gravimetric	;		
^ If the method(s) indicated o	n the COC are not ou	r routine/preferred method(s)	, we will substitu	ste our routine	preferred methods	. If this is not acceptable, check	here to have us contact you.		-	
Chain of Custody	Print Name / S	ignature	Date	Time		Print Name		Date	Time	
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	3/31/2020	15:10	Received By :	Koss Moore	from more	4/1/2	0 W3	
Relinquished By :					Received By :			1 '		
		Samples re	eceived after 3pr	m will be cons	idered as next day's	s business.	Online COC No. Prep No. Account No. Finalized	:	3:13:01 PM	
	All services are rende	red in accordance with the ap	plicable SGS Ge	neral Condition	ons of Service acces	sible via: http://www.sgs.com/e	n/Terms-and-Conditions.aspx			

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SGS GALSON CHAIN OF CUSTODY

Comments :									
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	2	Sample Volume Sample Time Sample Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	^ Process	alent Chromium s (e.g., welding, g, painting, etc.)
4076-2173	3/24/2020	2pc 37mm PW PVC	12	10	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/		mination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2162	3/25/2020	2pc 37mm PW PVC	13	10	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/		mination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2160	3/25/2020	2pc 37mm PW PVC	12	90	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/		mination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2161	3/25/2020	2pc 37mm PW PVC	13	36	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/		mination
						Total Dust	mod. NIOSH 0500; Gravimetric		
4076-2159	3/25/2020	2pc 37mm PW PVC	13	18	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/		mination
						Total Dust	mod. NIOSH 0500; Gravimetric		
			_						
^ If the method(s) indicated on	the COC are not out	r routine/preferred method(s),	we will sub	stitute our routine	preferred methods	s. If this is not acceptable, check	here to have us contact you.		
Chain of Custody	Print Name / Si	ignature	Date	Time		Print Name		Date	Time
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	3/31/202	20 15:10	Received By :	Ross Moore	Ala Mos	411/20	1///3
Relinquished By :					Received By :			1 /	
		Samples re	sceived after	3pm will be cons	idered as next day'	s business.	Online COC No. Prep No. Account No. Finalized	:	:01 PM
A	Il services are render	red in accordance with the app	plicable SGS	General Condition	ons of Service acces	ssible via: http://www.sgs.com/e	n/Terms-and-Conditions.aspx		

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Comments:									_	
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	San	ple Volume nple Time nple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	· ^ Pro	cavalent Chromium cess (e.g., welding, ting, painting, etc.)	
4076-2163	1//2		2912		L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC,		PR stamination	
		RM \$ 4/		(///20		Total Dust	mod. NIOSH 0500. Gravimetric	:		
20-0081749	3/26/2020	2pc 37mm PW PVC	1353		L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC,	I	PR stamination	
						Total Dust	mod. NIOSH 0500 Gravimetric			
20-0081761	3/26/2020	2pc 37mm PW PVC	1322		L	Hexavalent Chromium	mod. OSHA ID-219 (version 2); IC,		R itamination	
						Total Dust	mod. NIOSH 0500; Gravimetric			
20-0081747	3/26/2020	2pc 37mm PW PVC	1356		L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC,		R itamination	
						Total Dust	mod. NIOSH 0500; Gravimetric			
20-0081756	3/26/2020	2pc 37mm PW PVC	1407		Ļ	Hexavalent Chromium	mod. OSRA ID-219 (version 2); IC,		COPR Contamination	
						Total Dust	mod. NIOSH 0500; Gravimetric			
^ If the method(s) indicated on	the COC are not ou	r routine/preferred method(s), v	we will substitu	te our routin	e/preferred methods	s. If this is not acceptable, check	here to have us contact you.		•	
Chain of Custody	Print Name / S	Signature	Date	Time		Print Name	•	Date	Time	
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	3/31/2020	15:10	Received By :	ROS) MIOC	dun mova	4/1/2	0 1113	
Relinquished By :					Received By :	10		7-7-		
		Samples red	eived after 3pr	n will be cons	sidered as next day'	s business.	Online COC No. Prep No. Account No. Finalized	:	::13:01 PM	
Al	Il services are rende	ered in accordance with the app	licable SGS Ge	neral Conditi	ons of Service acces	ssible via: http://www.sgs.com/e	n/Terms-and-Conditions.aspx			

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Comments :												
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sam	ole Volume nple Time nple Area	Liters Minutes in², cm², ft²	Analysis Requeste	ed Method	Reference ^	Process (nt Chromium e.g., welding, painting, etc.)		
20-0081751	3/26/2020	2pc 37mm PW PVC	2867	2887		Hexavalent Chromit	· I · · · ·	mod. OSHA ID-215 (version 2); IC/UV		COPR Contamination		
						Total Dust	mod. NIO Gravimet	·				
20-0081753	3/27/2020	2pc 37mm PW PVC	1184		L	Hexavalent Chromi	6	A ID-215 2); IC/UV	COPR Contami	nation		
						Total Dust	mod. NIO Gravimet					
20-0081755	3/27/2020	2pc 37mm PW PVC	1155		L	Hexavalent Chromi	i i	A ID-215 2); IC/UV	COPR COntamination			
						Total Dust	mod. NIO Gravimet	-				
20-0081745	3/27/2020	2pc 37mm PW PVC	1082	1082		1082		Hexavalent Chromit		A ID-215 2); IC/UV	COPR Contami	ination
						Total Dust	mod. NIO Gravimet					
20-0081748	3/27/2020	2pc 37mm PW PVC	1112		L	Hexavalent Chromi	i i	A ID-215 2); IC/UV	COPR Contami	ination		
						Total Dust	mod. NIO Gravinet					
^ If the method(s) indicated on					/preferred method							
Chain of Custody	Print Name / S		Date	Time	<u> </u>	Û A	ne / Signature		ate	Time		
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	3/31/2020	15:10	Received By :	Ross Moor	Byon M	one 4/	مرا	1113		
Relinquished By: Samples received after 3pm will be considered as next day's business. Online COC No.: 205496 Prep No.: Account No.: 14809 Finalized: 3/31/2020 3:13:01 PM All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/en/Terms-and-Conditions.aspx												
		uccordance min nic ap	P5000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTOL CONTUINE	THE OF COLUMN BUCK	STOR THE HELPHYNYSTERS COL	re-retrainia alia: PNIIIII	XI-SIRSKV				

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Comments :										
Sample ID (Maximum of 20 Ch		ed Collection Medium	San	ple Volume nple Time nple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Referenc	e^ P	rocess (e	nt Chromium e.g., welding, ainting, etc.)
20-0081742	3/27/202	0 2pc 37mm PW PVC	9126		L	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC	- 1	OPR ontami	nation
						Total Dust	mod. NIOSH 0500 Gravimetric	;		
20-0081783	3/27/202	0 2pc 37mm PW PVC	N/A (BLANK)	N/A	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC		OPR ontami	nation
						Total Dust	mod. NIOSH 0500 Gravimetric	;		
20-0081778	3/27/202	0 2pc 37mm PW PVC	N/A (BLANK)	N/A	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC		OPR ontami	nation
		÷				Total Dust	mod. NIOSH 0500 Gravimetric	;		
·										
					·					
						·				
^ If the method(s) i	ndicated on the COC are not	t our routine/preferred method(s)	, we will substitu	te our routine	e/preferred methods	. If this is not acceptable, check	here to have us contact you.			
Chain of Custody	Print Name	/ Signature	Date	Time		Print Name /		Date		Time
Relinquished By:	Carey Wu	SIGNED ELECTRONICALLY	3/31/2020	15:10	Received By:	Kous Moore	show Moore	4/1/	W	1113
Relinquished By:					Received By:		<u>-</u>	1 1		=
		Samples r	eceived after 3pr	n will be cons	sidered as next day's	s business.	Online COC No Prep No Account No Finalized	.:	0 3:13:01	- РМ
	All services are re	ndered in accordance with the ap	plicable SGS Ge	neral Conditi	ons of Service acces	sible via: <u>http://www.sgs.com/e</u> i	n/Terms-and-Conditions.aspx			

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Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 April 17, 2020

Account# 14809 Login# L511040

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on April 10, 2020. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No.: L511040

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license

Legend

< - Less than MDL - Method Detection Limit mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sqsqalson.com Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 30-MAR-20

Date Received : 10-APR-20

Account No.: 14809 Login No. : L511040

Date Analyzed : 13-APR-20 Report ID : 1195778

Approved by: CMP

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	mg	mg/m3
AMS1 033020	L511040-1	989	<0.050	<0.051
AMS2 033020	L511040-2	970	<0.050	<0.052
AMS3 033020	L511040-3	976	<0.050	<0.051
AMS4 033020	L511040-4	959	<0.050	<0.052
AMS5 033020	L511040-5	2938	<0.050	<0.017
AMS1 033120	L511040-6	972	<0.050	<0.051
AMS2 033120	L511040-7	998	<0.050	<0.050
AMS3 033120	L511040-8	1059	<0.050	<0.047
AMS4 033120	L511040-9	993	<0.050	<0.050
ASM5 033120	L511040-10	2887	<0.050	<0.017
AMS1 040120	L511040-11	993	<0.050	<0.050
AMS2 040120	L511040-12	961	<0.050	<0.052
AMS3 040120	L511040-13	963	<0.050	<0.052
AMS4 040120	L511040-14	964	<0.050	<0.052
AMS5 040120	L511040-15	2957	0.053	0.018
AMS1 040220	L511040-16	1111	<0.050	<0.045

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: PAH

Date : 15-APR-20

Supervisor : KEG



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 30-MAR-20
Date Received : 10-APR-20

Account No.: 14809 Login No. : L511040

Date Analyzed : 13-APR-20 Report ID : 1195778

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	<u>liter</u>	mg	mg/m3
AMS2 040220	L511040-17	1109	<0.050	<0.045
AMS3 040220	L511040-18	1088	<0.050	<0.046
AMS4 040220	L511040-19	1095	<0.050	<0.046
AMS5 040220	L511040-20	2990	<0.050	<0.017
AMS1 040320	L511040-21	869	<0.050	<0.058
AMS2 040320	L511040-22	859	<0.050	<0.058
AMS3 040320	L511040-23	878	<0.050	<0.057
AMS4 040320	L511040-24	882	<0.050	<0.057
AMS5 040320	L511040-25	9128	0.14	0.015
BLANK 1	L511040-26	NA	<0.050	NA
BLANK 2	L511040-27	NA	<0.050	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: PAH Approved by: CMP

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 15-APR-20

Collection Media : PVC PW 37mm Supervisor : KEG



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 30-MAR-20

Date Received : 10-APR-20 Report ID : 1196013

Account No.: 14809 Login No. : L511040

Date Analyzed : 15-APR-20 - 16-APR-20

Approved by: MLN

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total uq	Conc ug/m3
Bampic ID	<u> Hab Ib</u>	11001	<u></u>	<u>uq/ III3</u>
AMS1 033020	L511040-1	989	<0.030	<0.030
AMS2 033020	L511040-2	970	<0.030	<0.031
AMS3 033020	L511040-3	976	<0.030	<0.031
AMS4 033020	L511040-4	959	<0.030	<0.031
AMS5 033020	L511040-5	2938	<0.030	<0.010
AMS1 033120	L511040-6	972	<0.030	<0.031
AMS2 033120	L511040-7	998	<0.030	<0.030
AMS3 033120	L511040-8	1059	<0.030	<0.028
AMS4 033120	L511040-9	993	<0.030	<0.030
ASM5 033120	L511040-10	2887	<0.030	<0.010
AMS1 040120	L511040-11	993	<0.030	<0.030
AMS2 040120	L511040-12	961	<0.030	<0.031
AMS3 040120	L511040-13	963	<0.030	<0.031
AMS4 040120	L511040-14	964	<0.030	<0.031
AMS5 040120	L511040-15	2957	<0.030	<0.010
AMS1 040220	L511040-16	1111	<0.030	<0.027

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: MCM

Date : 17-APR-20

Supervisor : MWJ



GALSON

6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 30-MAR-20

Date Received : 10-APR-20

Account No.: 14809 Login No. : L511040

Date Analyzed : 15-APR-20 - 16-APR-20

Approved by: MLN

Report ID : 1196013

Hexavalent Chromium

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>uq</u>	ug/m3
AMS2 040220	L511040-17	1109	<0.030	<0.027
AMS3 040220	L511040-18	1088	<0.030	<0.028
AMS4 040220	L511040-19	1095	<0.030	<0.027
AMS5 040220	L511040-20	2990	<0.030	<0.010
AMS1 040320	L511040-21	869	<0.030	<0.035
AMS2 040320	L511040-22	859	<0.030	<0.035
AMS3 040320	L511040-23	878	<0.030	<0.034
AMS4 040320	L511040-24	882	<0.030	<0.034
AMS5 040320	L511040-25	9128	<0.030	<0.0033
BLANK 1	L511040-26	NA	<0.030	NA
BLANK 2	L511040-27	NA	<0.030	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: MCM

Date : 17-APR-20

Supervisor : MWJ

Page 6 of 14 Report Reference:1 Generated:17-APR-20 10:12



LABORATORY FOOTNOTE REPORT

GALSON

Client Name : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled: 30-MAR-20 Account No.: 14809
Date Received: 10-APR-20 Login No.: L511040

Date Analyzed: 13-APR-20 - 16-APR-20

L511040 (Report ID: 1195778):

6601 Kirkville Road

FAX: (315) 437-0571

www.sgsgalson.com

East Syracuse, NY 13057 (315) 432-5227

GRAVIMETRIC ANALYSIS CV = 0.0272; Avg. Recovery = 101.

SOPs: GRAV-SOP-5(28), GRAV-SOP-6(23)

L511040 (Report ID: 1195778):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery	
Total Dust	+/-5.5%	101%	

L511040 (Report ID: 1196013):

HEXAVALENT CHROMIUM CV = 0.0672; Avg. Recovery = 98.0

SOPs: IC-SOP-15(23)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L511040 (Report ID: 1196013):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-13.2%	98%



GALSON CHAIN OF CUSTODY

128735VF0399419304 Date: 04/10/20

Shipper:UPS Initials:ROM

Prep:UNKNOUN

Turn Around Time	(TAT): (s	urcharge)		-												
√ Sta	ndarđ	0%	Client Acct	No.:	Report To:						Invoice To : A					
4 Busines	s Days	35%	14809		Company Name :				·····		mpany Name : _E				-	
3 Busines	s Days	50%	Original Pr	ep No.:	Address 1 : Address 2 :	25B Vz		а кова			Address 1: 258 Vreeland Road					
2 Busines	s Days	75%			City, State Zip :			b MT 0703			Address 2: Suite 101 City, State Zip: Florham Park, NJ 07932					
Next Day b	y 6pm	100%			•						Phone No. :	TOTHAM F	ark, NO 0793			
Next Day by	Noon	150%	Online CO	C No.:		973 - 538 - 1110, Ext. 224 609 - 234 - 4311					mail Address : a	ninvoice	Pemilcott.co	YTD.		
	ne Day	200%	205687			cwu@emilcott.com					Comments:	.p		,		
	,				Comments :						P.O. No.: P	PGI05A26	r			
Samples submi FreePumpLoan		he	-		•					 _	Payment info.:] I will call S	GS Galson to pro			
Samples submi FreeSamplingB											_	_ Card on Fi	le (enter the last	five digit	is on the I	ine below)
Comments :						-					State Sampled :	Please in	ndicate which OE	EL(s) this	date will	be used for:
Per	client, n	o Cr6 pr	ocess. S	SBB 04/	/10/20						NJ .	□оѕн	A PEL ACGI	нті. Г] мѕна	☐ Cal OSHA
												□IAQ:		Ott		
													Specify Limit(s)			ify Other
Site Name: DENN	IS COLLI	INS PARK	Pro	oject: PP	G SITE 174		s	iampled By :	Carey Wu		List description of	industry or F	Process/interfere	nces pres	sent in sa	mpling area :
Sample (Maximum of 20		Da	te Sampled		Collection Medium	Sample Volume Sample Time Sample Area		nple Time	Liters Minutes in², cm², ft²	Anal	Analysis Requested		Method Reference ^		Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)	
AMS1 033020		3/	/30/2020	2pc	37mm PW PVC		989	٠	L	Hexavaler	nt Chromium	- 1	OSHA ID-215 sion 2); IC/		COPR	
										Total Du	it		NIOSH 0500;			
				1						<u> </u>		Gravi	imetric			
^ If the method	(s) indicate	d on the CC	OC are not o	our routine	preferred method(s)	, we will	substitu	te our routine	/preferred methods	s. If this is not ac	ceptable, check he	ere to have u	s contact you.		·	
Chain of Custody	l	Р	rint Name /	Signature)	Dat	te	Time			Print Name / S	ignature		Đa	ete	Time
Relinquished By:		Ca	rey Wu	SIGNED	ELECTRONICALLY	4/7/2	2020	16:03	Received By :	Noss N	bore _	Just	Noore	4/10	1/20	959
Relinquished By :									Received By:					1	1	
				·	Samples r	eceived a	ifter 3pn	n will be cons	idered as next day'	s business.			Online COC No. Prep No. Account No. Finalized	: : 14809	0 4:06:02	РМ
		All servi	ces are ren	dered in ac	cordance with the ap	plicable	SGS Ge	neral Conditio	ns of Service acces	ssible via: http://	www.sgs.com/en/1	Terms-and-C	onditions.aspx			

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Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sam	ile Volume iple Time iple Area	Liters Minutes in², cm², ft²	Analysis Requeste	ed	Method Reference	• ^	Process (nt Chromiur e.g., welding painting, etc.
AMS2 033020	3/30/2020	2pc 37mm PW PVC	970		r	Hexavalent Chromin		i. OSHA ID-219 ersion 2); IC,		COPR	
						Total Dust		i. NIOSH 0500; avimetric	•		
AMS3 033020	3/30/2020	2pc 37mm PW PVC	976		L	Hexavalent Chromit		i. OSHA ID-219 ersion 2); IC,	-	COPR	
						Total Dust		i. NIOSH 0500; avimetric	,		
AMS4 033020	3/30/2020	2pc 37mm PW PVC	959		L	Hexavalent Chromit		i. OSHA ID-219 ersion 2); IC,		COPR	
						Total Dust		i. NIOSH 0500; avimetric	;		
AMS5 033020	3/30/2020	2pc 37mm PW PVC	2938		L	Hexavalent Chromit		i. OSHA ID-21! ersion 2); IC,		COPR	
						Total Dust		i. NIOSH 0500; avimetric	;		_
AMS1 033120	3/30/2020	2pc 37mm PW PVC	972		L	Hexavalent Chromit		d. OSHA ID-219 ersion 2); IC,		COPR	
						Total Dust		i. NIOSH 0500 avimetric	;		
^ If the method(s) indicated o	on the COC are not ou	r routine/preferred method(s)	wa will substitut	te our routine	Voreferred methods	If this is not acceptable, che	ock here to have	e us contect vou			<u> </u>
Chain of Custody	Print Name / S		Date	Time			ne / Signature		1 0	Date	Time
Relinquished By :		IGNED ELECTRONICALLY	4/7/2020	16:03	Received By :	Koss Moore		grove	41	64 (0)	9:54
Relinquished By:					Received By :	, , , ,	1	,			
·		Samples re	ceived after 3pm	n will be cons	idered as next day's	business.		Online COC No. Prep No. Account No. Finalized	. : . : 1 <mark>480</mark> 9		PM

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Comments :				•				
		,	Ţ					
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sam	ole Volume nple Time nple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	A Process (e.g., welding plating, painting, etc.
AMS2 033120	3/30/2020	2pc 37mm PW PVC	998		L	Hexavalent Chromiu	m mod. OSHA ID-215 (version 2); IC/	
						Total Dust	mod. NIOSH 0500; Gravimetric	
AMS3 033120	3/30/2020	2pc 37mm PW PVC	1059		L	Hexavalent Chromius	mod. OSHA ID-215 (version 2); IC/	I * *
						Total Dust	mod. NIOSH 0500; Gravimetric	-
AMS4 033120	3/30/2020	2pc 37mm PW PVC	993		L	Hexavalent Chromiu	mod. OSHA ID-215 (version 2); IC/	
						Total Dust	mod. NIOSH 0500; Gravimetric	
ASM5 033120	3/30/2020	2pc 37πm PW PVC	2887	2887		Hexavalent Chromiu	mod. OSHA ID-215 (version 2); IC/	· ·
			-			Total Dust	mod. NIOSH 0500; Gravimetric	
AMS1 040120	3/30/2020	2pc 37mm PW PVC	993		L	Hexavalent Chromiu	mod. OSHA ID-215 (version 2); IC/	
						Total Dust	mod. NIOSH 0500; Gravimetric	
^ If the method(s) indicated o	n the COC are not ou	r routine/preferred method(s),	we will substitu	te our routin	e/preferred method:	s. If this is not acceptable, chec	k here to have us contact you.	
Chain of Custody	Print Name / S	ignature	Date	Time			e / Signature	Date Time
Relinquished By :	Carey Wu Si	GNED ELECTRONICALLY	4/7/2020	16:03	Received By :	Koss Mure	swor more	4110120 959
Relinquished By :		Samples re	ceived after 3pn	n will be cons	Received By :	s business.	Online COC No. Prep No. Account No. Finalized	:
	All services are rende	red in accordance with the ap	plicable SGS Ge	neral Conditi	ons of Service acces	ssible via: http://www.sgs.com	en/Terms-and-Conditions.aspx	

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Member of the SGS Group (SGS SA)



Comments :											
Sample ID	Date Sampled	Collection Medium		ile Volume	Liters Minutes	Analysis Reque	hatze	Method Referen			nt Chromiu
(Maximum of 20 Characters)	Date dampied	Consensition the consense		ple Area	in², cm², ft²	- maryors riaque		Wilder Control			ainting, etc.
AMS2 040120	3/30/2020	2pc 37mm PW PVC	961		L	Hexavalent Chro	mium	mod. OSHA ID-2 (version 2); I		PR	 -
		-				Total Dust		mod. NIOSH 050 Gravimetric	0;		
AMS3 040120	3/30/2020	2pc 37mm PW PVC	963		L	Hexavalent Chro	mium	mod. OSHA ID-2 (version 2); I		PR	
						Total Dust		mod. NIOSH 050 Gravimetric	0;		
AMS4 040120	3/30/2020	2pc 37mm PW PVC	964		L	Hexavalent Chro	mium	mod. OSHA ID-2 (version 2); I		PR	·
						Total Dust		mod. NIOSH 0500; Gravimetric			
AMS5 040120	3/30/2020	2pc 37mm PW PVC	2957	2957		Hexavalent Chro	mium	mod. OSHA ID-215 (version 2); IC/UV		PR	
						Total Dust		mod. NIOSH 050 Gravimetric	0;	•	
AMS1 040220	3/30/2020	/30/2020 2pc 37mm PW PVC			L	Hexavalent Chro	mium	mod. OSHA ID-215 (version 2); IC/UV		PR	
					ł I	Total Dust		mod. NIOSH 050 Gravimetric	0;		
									•		
^ If the method(s) indicated of	n the COC are not ou	r routine/preferred method(s)	, we will substitut	te our routine	L dpreferred method	s. If this is not acceptable,	check here to	have us contact you.			
Chain of Custody	Print Name / S		Date	Time			Vame / Signa		Date		Time
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	4/7/2020	16:03	Received By :	Noss Mass	Du	mara	410	120	959
Relinquished By :					Received By :				1		, .
		Samples n	eceived after 3pm	n will be cons	idered as next day	's business.	·	Online COC N Prep N Account N Finalize	o. :	1:06:02	PM
	All services are rende	red in accordance with the ap	plicable SGS Ger	neral Condition	ons of Service acce	ssible via: <u>http://www.sgs.</u>	com/en/Term	s-and-Conditions.asp	<u> </u>		

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Comments:										_	
Sample II (Maximum of 20 C		npled Col	lection Medium	Sai	ple Volume mple Time mple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	e ^ Pro	cess (e.g.	Chromium , welding, iting, etc.)
AMS2 040220	3/30/2	020 2pc 37mm	n PW PVC	1109		L	Hexavalent Chromium	mod. OSHA ID-2: (version 2); I	1	PR	
							Total Dust	mod. NIOSH 0500 Gravimetric);		***
AMS3 040220	040220 3/30/2020 2pc 37mm PW PVC		n PW PVC	1088		L	Rexavalent Chromium	mod. OSHA ID-22 (version 2); IC		PR	-
•							Total Dust	mod. NIOSH 0500 Gravimetric);		.,
AMS4 040220	S4 040220 3/30/2020 2pc 37mm PW PVC		n PW PVC	1095		L	Hexavalent Chromium	mod. OSHA ID-2: (version 2); IC		PR	-
							Total Dust	mod. NIOSH 0500 Gravimetric);		
AMS5 040220 3/30/2020 2pc 3		020 2pc 37mm	n PW PVC	2990		L	Hexavalent Chromium	mod. OSHA ID-2: (version 2); IC	- 1	COPR	
							Total Dust	mod. NIOSH 0500 Gravimetric);		
AMS1 040320	3/30/2	020 2pc 37mm	n PW PVC	869	•	L	Hexavalent Chromium	mod. OSHA ID-22 (version 2); IO		PR	
							Total Dust	mod. NIOSH 0500 Gravimetric);	_	
^ If the method(s	indicated on the COC are	not our routine/pref	erred method(s), w	e will substitu	ute our routine	preferred methods	. If this is not acceptable, check	here to have us contact you.		,	
Chain of Custody	Print N	ame / Signature		Date	Time	[Print Name	/ Signature	Date		Time
Relinquished By :	Carey	Wu SIGNED ELE	CTRONICALLY	4/7/2020	16:03	Received By :	Ross Moore	Show Those	4(10)	10 0	159
Relinquished By:						Received By :	3) [_
			Samples reco	eived after 3p	m will be cons	idered as next day's	: business.	Online COC No Prep No Account No Finalize	o. :	06:02 PM	
	All services ar	e rendered in accord	ance with the appli	icable SGS Ge	eneral Condition	ons of Service acces	sible via: <u>http://www.sgs.com/e</u>	n/Terms-and-Conditions.aspx			

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Report Reference:1 Generated:17-APR-20 10:12 Page 12 of 14



Comments:										
Sample ID (Maximum of 20 Characters)				ample Volume Sample Time Sample Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	e ^ Pro	avalent Chromium cess (e.g., welding, ing, painting, etc.)	
AMS2 040320	3/30/2020	2pc 37mm PW PVC	859		L	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC		R	
						Total Dust	mod. NIOSH 0500 Gravimetric);		
AMS3 040320	3/30/2020	2pc 37mm PW PVC	876	3	L	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC		R	
						Total Dust	mod. NIOSH 0500 Gravimetric);		
AMS4 040320	3/30/2020	3/30/2020 2pc 37mm PW PVC		2	L	Hexavalent Chromium	mod. OSHA ID-22 (version 2); IC		R	
						Total Dust	mod. NIOSH 0500 Gravimetric);		
AMS5 040320	3/30/2020 2pc 37mm PW PVC		9128		L	Hexavalent Chromium	mod. OSHA ID-23 (version 2); IC		R	
						Total Dust	mod. NIOSH 0500 Gravimetric);		
BLANK 1	3/30/2020	2pc 37mm PW PVC	И/Л	A (BLANK)	N/A	Hexavalent Chromium	mod. OSHA ID-23 (version 2); IC		COPR	
						Total Dust	mod. NIOSH 0506 Gravimetric);		
		-	·						,	
^ If the method(s) indicated on	the COC are not ou	r routine/preferred method(s),	, we will sub	stitute our routine	preferred methods	. If this is not acceptable, chec	k here to have us contact you.			
Chain of Custody	Print Name / Signature		Date	Time	1	Print Name	/ Signature	Date	Time	
Relinquished By :	Carey Wu SIGNED ELECTRONICALLY 4/		4/7/202	0 16:03	Received By :	Ross Moor	show men	4/10/1	0 957	
Relinquished By :					Received By :			1 1		
Samples received after 3pm will be considered as next day's business. Online COC No.: 205687 Prep No.: Account No.: 14809 Finalized: 4/7/2020 4:06:02 PM										
Al	I services are rende	ered in accordance with the ap	plicable SGS	General Condition	ons of Service acces	sible via: http://www.sgs.com/	en/Terms-and-Conditions.aspx			

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Comments :				-	,		-				
											•
				- 1	Sample Volume	Liters				Hexav	alent Chromium
Sample (Maximum of 20 (Date Sampled	Collection Medium		Sample Time Sample Area	Minutes in², cm², ft²	Analysi	s Requested	Method Reference	^ Proces	ss (e.g., welding, g, painting, etc.)
BLANK 2		3/30/2020	2pc 37mm PW PVC		N/A (BLANK)	N/A	Hexavalent Chromium		mod. OSHA ID-215 (version 2); IC/		
_							Total Dust		mod. NIOSH 0500; Gravimetric		
										,	
		•									•
											· · · · · · · · · · · · · · · · · · ·
											-
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		,									
											<u>-</u>
								·			
							Table 1				
Chain of Custody	s) indicated on tr	ne COC are not o	ur routine/preferred method(s)	, we will s		e/preferred method:	s. II this is not acce	Print Name / Signa		Date	Time
Relinquished By :			SIGNED ELECTRONICALLY			Received By :	Koss 140		ur Mor	4/6/26	9.59
Relinquished Bγ :						Received By :	140 85 7 10			CI ST V	1 - 1 -
	Samples received after 3pm will be considered as next day's business. Online COC No.: 205687 Prep No.: Account No.: 14809										
	All	services are ren	lered in accordance with the ap	plicable	GGS General Condition	ons of Service acces	sible via: <u>http://ww</u>	w.sgs.com/en/Term	ns-and-Conditions.aspx		.

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Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 April 27, 2020

Login# L511342

Account# 14809

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on April 21, 2020. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No. : L511342

Terms and Conditions & General Disclaimers

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- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention
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 exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized
 alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the
 fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of
 significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the
 final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the
 one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditation/Recognition

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license
	Regulation		

Lab ID#

Program/Sector

Legend

National/International

< - Less than MDL - Method Detection Limit ppb - Parts per Billion mg - Milligrams > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



_ GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sqsqalson.com Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 06-APR-20 - 10-APR-20

Date Received : 21-APR-20

Account No.: 14809 Login No. : L511342

Date Analyzed : 22-APR-20 Report ID : 1196275

Approved by: CMP

Total Dust

		Air Vol	Total	Conc
<u>Sample ID</u>	<u>Lab ID</u>	liter	mg	mg/m3
AMS1 040620	L511342-1	953	<0.050	<0.052
AMS2 040620	L511342-2	933	0.053	0.057
AMS3 040620	L511342-3	908	<0.050	<0.055
AMS4 040620	L511342-4	924	<0.050	<0.054
AMS5 040620	L511342-5	3029	<0.050	<0.017
AMS1 040720	L511342-6	927	<0.050	<0.054
AMS2 040720	L511342-7	1055	<0.050	<0.047
AMS3 040720	L511342-8	930	<0.050	<0.054
AMS4 040720	L511342-9	923	<0.050	<0.054
AMS5 040720	L511342-10	3011	0.068	0.023
AMS1 040820	L511342-11	939	<0.050	<0.053
AMS2 040820	L511342-12	945	<0.050	<0.053
AMS3 040820	L511342-13	916	<0.050	<0.055
AMS4 040820	L511342-14	934	<0.050	<0.054
AMS5 040820	L511342-15	2976	0.082	0.028
AMS1 040920	L511342-16	1009	<0.050	<0.050

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: HVN

Date : 24-APR-20

Supervisor : KEG



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East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 06-APR-20 - 10-APR-20

Date Received : 21-APR-20

Account No.: 14809 Login No. : L511342

Date Analyzed : 22-APR-20 Report ID : 1196275

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u> </u>	mg/m3
AMS2 040920	L511342-17	1000	<0.050	<0.050
AMS3 040920	L511342-18	1015	<0.050	<0.049
AMS4 040920	L511342-19	1005	<0.050	<0.050
AMS5 040920	L511342-20	3073	<0.050	<0.016
AMS1 041020	L511342-21	845	<0.050	<0.059
AMS2 041020	L511342-22	847	<0.050	<0.059
AMS3 041020	L511342-23	863	<0.050	<0.058
AMS4 041020	L511342-24	855	<0.050	<0.058
AMS5 041020	L511342-25	851	<0.050	<0.059

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: HVN Approved by: CMP

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 24-APR-20

Collection Media : PVC PW 37mm Supervisor : KEG



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East Syracuse, NY 13057

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Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 06-APR-20 - 10-APR-20

Date Received : 21-APR-20

Account No.: 14809 Login No. : L511342

Date Analyzed : 23-APR-20 Report ID : 1196409

Approved by: MLN

Hexavalent Chromium

Samp]	<u>le ID</u>	Lab ID	Air Vol liter	Total uq	Conc ug/m3
AMS1	040620	L511342-1	953	<0.030	<0.031
AMS2	040620	L511342-2	933	<0.030	<0.032
AMS3	040620	L511342-3	908	<0.030	<0.033
AMS4	040620	L511342-4	924	<0.030	<0.032
AMS5	040620	L511342-5	3029	<0.030	<0.0099
AMS1	040720	L511342-6	927	<0.030	<0.032
AMS2	040720	L511342-7	1055	<0.030	<0.028
AMS3	040720	L511342-8	930	<0.030	<0.032
AMS4	040720	L511342-9	923	<0.030	<0.033
AMS5	040720	L511342-10	3011	<0.030	<0.010
AMS1	040820	L511342-11	939	<0.030	<0.032
AMS2	040820	L511342-12	945	<0.030	<0.032
AMS3	040820	L511342-13	916	<0.030	<0.033
AMS4	040820	L511342-14	934	<0.030	<0.032
AMS5	040820	L511342-15	2976	<0.030	<0.010
AMS1	040920	L511342-16	1009	<0.030	<0.030

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug Submitted by: MCM

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV Date : 27-APR-20

Collection Media : PVC PW 37mm Supervisor : MWJ



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(315) 432-5227 FAX: (315) 437-0571 www.sqsqalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled : 06-APR-20 - 10-APR-20

Date Received : 21-APR-20

Account No.: 14809 Login No. : L511342

Date Analyzed : 23-APR-20 Report ID : 1196409

Approved by: MLN

Hexavalent Chromium

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>uq</u>	ug/m3
AMS2 040920	L511342-17	1000	<0.030	<0.030
AMS3 040920	L511342-18	1015	<0.030	<0.030
AMS4 040920	L511342-19	1005	<0.030	<0.030
AMS5 040920	L511342-20	3073	<0.030	<0.0098
AMS1 041020	L511342-21	845	<0.030	<0.036
AMS2 041020	L511342-22	847	<0.030	<0.035
AMS3 041020	L511342-23	863	<0.030	<0.035
AMS4 041020	L511342-24	855	<0.030	<0.035
AMS5 041020	L511342-25	851	<0.030	<0.035

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug Submitted by: MCM

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV Date : 27-APR-20

Collection Media : PVC PW 37mm Supervisor : MWJ





Client Name : Emilcott Associates : DENNIS COLLINS PARK

Project No. : PPG SITE 174

Date Sampled: 06-APR-20 - 10-APR-20 Account No.: 14809 Date Received: 21-APR-20 Login No. : L511342

Date Analyzed: 22-APR-20 - 23-APR-20

FAX: (315) 437-0571 www.sgsgalson.com

L511342 (Report ID: 1196275):

6601 Kirkville Road

East Syracuse, NY 13057 (315) 432-5227

GRAVIMETRIC ANALYSIS CV = 0.0272; Avg. Recovery = 101.

SOPs: GRAV-SOP-5(28), GRAV-SOP-6(23)

L511342 (Report ID: 1196275):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery	
Total Dust	+/-5.5%	101%	

L511342 (Report ID: 1196409):

HEXAVALENT CHROMIUM CV = 0.0672; Avg. Recovery = 98.0

SOPs: IC-SOP-15(23)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L511342 (Report ID: 1196409):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-13.2%	98%

1Z8735VF0393537116

Date: 04/21/20 Shipper:UPS Initials: MAK



1511342

GALSON CHAIN OF CUSTODY



		<u> </u>								1.0		
Turn Around Time TA		Client Acct N	lo.: Report To :	Mr. Carey W	lu .			Invoice To:	ACCOUNTS PAYABLE			
Standa		14809	Company Name :					•	Emilcott Associat	tes		
4 Business Da	ys 35%			25B Vreelar					25B Vreeland Road			
3 Business Da	iys 50%	Original Pre	No.: Address 2 :	Suite 101				Address 2 :	2: Suite 101			
2 Business Da	rys 75%		City, State Zip :	Florham Par	k, NJ 079	32		City, State Zip :	: Florham Park, NJ 07932			
Next Day by 6p	om 100%		Phone No. :	973 - 538 -	1110, Ex	t. 224		Phone No. :	· · · · · · · · · · · · · · · · · · ·			
Next Day by No	on 150%	Online COC	No.: Cell No. :					mail Address :	s: apinvoice@emilcott.com			
Same D	ay 200%	205928	Email reports to :	cwu@emilcot	t.com			Comments :				
			Comments :					P.O. No. :	PPGI05A26T			
Samples submitted FreePumpLoan™ Pr			•					Payment info. :	☐ I will call SGS Galsor	to provide o	credit card	info
Samples submitted	•	1							Card on File (enter th	e last five di	gits on the	line below)
FreeSamplingBadge		[
Comments :					<u> </u>			State Sampled	: Please indicate wh	sich OEL (e) th	nic data wil	l be used for :
comments.								NJ	OSHA PEL			
								No				LLI Cai OSHA
									LIAQ : Specify Li		Other :	cify Other
Site Name: DENNIS	COLLINS PA	ARK Proje	ect: PPG SITE 174	:	Sampled By :	Carey Wu		List description (of industry or Process/int	erferences p	resent in sa	mpling area
						1						
Sample ID (Maximum of 20 Ch	aracters)	Date Sampled	Collection Medium	Sai	ple Volume mple Time mple Area	Liters Minutes in², cm², ft²	Analy	sis Requested	Method Refe	Method Reference ^		ent Chromium (e.g., welding painting, etc.)
AMS1 040620		4/6/2020	2pc 37mm PW PVC	953		L	Hexavaler	nt Chromium	mod. OSHA II (version 2);		COPR So	
							Total Dus	it	mod. NIOSH (Gravimetric	0500;		
^ If the method(s) i	indicated on th	e COC are not ou	r routine/preferred method(s)	, we will substitu	ute our routine	e/preferred method	s. If this is not ac	ceptable, check	here to have us contact y	ou.		
Chain of Custody		Print Name / S	ignature	Date	Time			Print Name /	Signature	T	Date	Time
Relinquished By :		Carey Wu S	IGNED ELECTRONICALLY	4/17/2020	12:46	Received By :		I			•	,
Relinquished By :						Received By :			·	4/2	1 ZD	1018
		1	Samples n	eceived after 3p	m will be cons	sidered as next day	f fusivestle	Krause 1			28 9	, , , , , , , , , , , , , , , , , , ,
	Alls	ervices are rende	red in accordance with the ap	plicable SGS Ge	eneral Condition	ons of Service acce	ssible via: <u>http://</u>	www.sgs.com/er	n/Terms-and-Conditions.a	3spx		

Page: 1/6

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GALSON CHAIN OF CUSTODY

Comments :	,				•		
					·		
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
AMS2 040620	4/6/2020	2pc 37mm, PW PVC	933	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR Soil Remediation
		<u> </u>			Total Dust	mod. NIOSH 0500; Gravimetric	
AMS3 040620	4/6/2020	2pc 37mm PW PVC	908	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR Soil Remediation
l Gree	,		,		Total Dust	mod. NIOSH 0500; Gravimetric	فيد
AMS4 040620	4/6/2020	2pc 37mm PW PVC	924	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR Soil Remediation
	٠.				Total Dust	mod. NIOSH 0500; Gravimetric	,
AMS5 040620	4/6/2020	2pc 37mm PW PVC *	3029	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR Soil Remediation
					Total Dust	mod. NIOSH 0500; Gravimetric	
AMS1 040720	4/7/2020	2pc 37mm PW PVC	927	ь	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR Soil Remediation
	·	*			Total Dust	mod. NIOSH 0500; Gravimetric	
				b ₀			and the second s
^ If the method(s) indicated	on the COC are not ou	r routine/preferred method(s),	we will substitute our routing	ne/preferred methods	If this is not acceptable, check here	to have us contact you.	
Chain of Custody	Print Name / S	Signature	Date Time		Print Name / Sign	nature .	Date Time
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	4/17/2020 12:46	Received By :			110
Relinquished By :		Samples re	eceived after 3pm will be cor	Received By		Aline Coc No. : 201	21 20 1018
			·	1	•	Prep No. : Account No. : 14 Finalized : 4/1	7/2020 12:48:59 PM
	All services are rende	ered in accordance with the ap	plicable SGS General Condi	tions of Service acces	sible via: http://www.sgs.com/en/Ter	ms-and-Conditions.aspx	

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Member of the SGS Group (SGS SA)



Comments :											
					***			· . •			
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sam	ole Volume ople Time ople Area	Liters Minutes in², cm², ft²		is Requested	Method Reference	• ^ 1	Hexavalent Process (e.g plating, pair	., welding
AMS2 040720	4/7/2020	2pc 37mm PW PVC	1055		L	Hexavalent	Chromium	mod. OSHA ID-215 (version 2); IC/		OPR Soil	
				•		Total Dust	:	mod. NIOSH 0500; Gravimetric	;		
AMS3 040720	4/7/2020	2pc 37mm PW PVC	930		L	Hexavalent	Chromium	mod. OSHA ID-215 (version 2); IC/	- 1	OPR Soil	
						Total Dust	:	mod. NIOSH 0500; Gravimetric	;		
AMS4 040720	4/7/2020	2pc 37mm PW PVC	923		L	Hexavalent Chromium		mod. OSHA ID-215 (version 2); IC/UV		COPR Soil Remediation	
			:			Total Dust		mod. NIOSH 0500; Gravimetric	;		
AMS5 040720	4/7/2020	2pc 37mm PW PVC	3011		L	Hexavalent	Chromium	mod. OSHA ID-215 (version 2); IC/	1	OPR Soil	
	!					Total Dust	:	mod. NIOSH 0500; Gravimetric	;		
AMS1 040820	4/8/2020	2pc 37mm PW PVC	939		L	Hexavalent Chromium		mod. OSHA ID-215 (version 2); IC/UV		COPR Soil Remediation	
						Total Dust	:	mod. NIOSH 0500; Gravimetric	;	_	
^ If the method(s) indicated or	n the COC are not ou	r routine/preferred method(s),	we will substitu	te our routine	preferred methods	. If this is not acce	eptable, check here	to have us contact you.			
Chain of Custody	Print Name / S	ignature	Date	Time			Print Name / Sign	nature	Da	te	Time
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	4/17/2020	12:46	Received By :				1.1.1		
Relinquished By :		. Samples re	eceived after 3pn	n will be cons	Received By : idered as next day'	Michelle. s business.	Krause M	Online COC No. Prep No. Account No. Finalized	: : 14809	20 12:48:59	1018 PM

Page: 3 / 6

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Page 10 of 13 Report Reference:1 Generated:27-APR-20 10:57



GALSON CHAIN OF CUSTODY

Comments :				•						
							• ••		:	
		,								
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sam	le Volume iple Time iple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	^ Process	ent Chromium (e.g., welding, painting, etc.)	
AMS2 040820	4/8/2020	2pc 37mm PW PVC	945	-	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/		COPR Soil Remediation	
						Total Dust	mod. NIOSH 0500; Gravimetric			
AMS3 040820	4/8/2020	2pc 37mm PW PVC	916		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/	I 1		
						Total Dust	mod. NIOSH 0500; Gravimetric	. ور		
AMS4 4040820	4/8/2020	2pc 37mm PW PVC	934	-	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/			
<i>70</i> .						Total Dust	mod. NIOSH 0500; Gravimetric			
AMS5 040820	4/8/2020 2pc 37mm PW PVC		2976		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/	1		
					,	Total Dust	mod. NIOSH 0500; Gravimetric	_		
AMS1 040920	4/9/2020	2pc 37mm PW PVC	1009		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/	1		
	•	,		•		Total Dust	mod. NIOSH 0500; Gravimetric			
				•	ð _P		a tember	Augusta an an		
^ If the method(s) indicated on	the COC are not ou	r routine/preferred method(s)	, we will substitut	te our routine	preferred method	s. If this is not acceptable, check	here to have us contact you.			
Chain of Custody	Print Name / S	ignature	Date	Time		Print Name /	Signature	Date	Time	
Relinquished By :	Carey Wu S	IGNED ELECTRONICALLY	4/17/2020	12:46	Received By :	33 - 1-31		11-1-		
Relinquished By :	Relinquished By :				Received By:	Michelle Krause		- 421/20	1016	
		Samples re	eceived after 3pm	n will be cons	idered as next day	's business.	Online COC No. Prep No. Account No.	: ; 14809		
								: 4/17/2020 12:48	::59 PM	
A	II services are rende	red in accordance with the ap	plicable SGS Ger	neral Condition	ons of Service acce	ssible via: http://www.sgs.com/er	n/Terms-and-Conditions.aspx			

Page: 4/6

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Report Reference:1 Generated:27-APR-20 10:57



Comments :									
Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sa	nple Volume mple Time mple Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Process (nt Chromium e.g., welding, painting, etc.)
AMS2 040920	4/9/2020	2pc 37mm PW PVC	1000	-, ·	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR So	oil
						Total Dust	mod. NIOSH 0500; Gravimetric		
AMS3 040920	4/9/2020	2pc 37mm PW PVC	1015	- 1114	L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR So	
						Total Dust	mod. NIOSH 0500; Gravimetric		
AMS4 040920	4/9/2020	2pc 37mm PW PVC	1005		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR So	
						Total Dust	mod. NIOSH 0500; Gravimetric		
AMS5 040920	4/9/2020	2pc 37mm PW PVC	3073		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR So	
						Total Dust	mod. NIOSH 0500; Gravimetric		
AMS1 041020	4/10/2020	2pc 37mm PW PVC	845		L	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	COPR So	
						Total Dust	mod. NIOSH 0500; Gravimetric		
^ If the method(s) indicated on	the COC are not ou	r routine/preferred method(s),	we will substit	ute our routine	/preferred methods	s. If this is not acceptable, check he	re to have us contact you.		
Chain of Custody	Print Name / S	ignature	Date	Time		Print Name / S	ignature	Date	Time
Relinquished By :	Carey Wu Si	IGNED ELECTRONICALLY	4/17/2020	12:46	Received By :				
Relinquished By :					Received By :	Michelle Krasse	en a ac V	4/2/20	1018
		Samples re	ceived after 3p	m will be cons	idered as next day'	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Online GOC No. : 20 Prep No. : Account No. : 14 Finalized : 4/		59 PM
Α	II services are rende	red in accordance with the app	olicable SGS G	eneral Conditio	ons of Service acces	ssible via: <u>http://www.sgs.com/en/</u> 1	Terms-and-Conditions.aspx		
									

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					•						
Comments :		•			,						
			,				•				
			•								
Sample II (Maximum of 20 C		Date Sampled	Collection Medium		Sample Volume Sample Time Sample Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference	e^ i	Process (e	nt Chromium e.g., welding, ainting, etc.)
AMS2 041020		4/10/2020	2pc 37mm PW PVC	84	7	L	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC		COPR So Remedia	
			,				Total Dust	mod. NIOSH 0500 Gravimetric	,	·	
AMS3 041020		4/10/2020	2pc 37mm PW PVC	86	3	L	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC,		COPR So Remedia	1
		,					Total Dust	mod. NIOSH 0500 Gravimetric	,	. وير	
AMS4/041020		4/10/2020	2pc 37mm PW PVC	85	5	L	Hexavalent Chromium	mod. OSHA ID-21! (version 2); IC,		COPR So Remedia	
							Total Dust	mod. NIOSH 0500 Gravimetric	<i>,</i>		
AMS5 041020		4/10/2020	2pc 37mm PW PVC	85	1	L	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC		COPR So Remedia	I
						,	Total Dust	mod. NIOSH 0500 Gravimetric	;		
			,								
		•	,		•						
					<u> </u>	<u> </u>		<u> </u>			
^ If the method(s) indicated on t	he COC are not o	our routine/preferred method(s)	, we will sub	stitute our routine	e/preferred method	s. If this is not acceptable, check	here to have us contact you.			
Chain of Custody	·	Print Name		Date	Time	 	Print Name	/ Signature	Da	te	Time
Relinquished By :		Carey Wu	SIGNED ELECTRONICALLY	4/17/20	20 12:46	Received By :			<u> </u>	1_	
Relinquished By :				į.		Received By :	Michelle Krause	mace Kanas		120	1018
_			Samples r	eceived afte	r 3pm will be cons	sidered as next day	's business.	Online COC No. Prep No. Account No.	.:		
						<u> </u>	·		1 : 4/17/202	20 12:48:5	9 PM
	All	services are ren	dered in accordance with the ap	plicable SG	S General Condition	ons of Service acce	ssible via: http://www.sgs.com/e	n/Terms-and-Conditions.aspx			

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SGS North 6601 Kirkville Road E. Syracuse, NY 13057, USA t+1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Page.13 of 13 Report Reference:1 Generated:27-APR-20 10:57



Chromium (VI) Compounds, as Cr (OSHA)

Report Issued To:

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Phone: 1-800-842-0355 FAX: 1-860-687-7430

AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2001810

Date Received: 09/11/2020 Date Reported: 09/25/2020

Location: Site 174

I LORHAWI I ARK, NJ 07/32	Loca	ition: Site 1/4
Lionel Souza		
Emilcott Associates		
Lab ID: 2001810-01 Sample ID: 4076-4426		Date Sampled: 08/31/2020 Air Volume:1086 Liters
Sample Description: AMS1 083120		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.092 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000096 \mathrm{mg/m^3}$
Lab ID: 2001810-02 Sample ID: 4076-4421		Date Sampled: 08/31/2020 Air Volume:1063 Liters
Sample Description: AMS2 083120	m . 125	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.094 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.024 μg	0.000023 mg/m^3
Lab ID: 2001810-03 Sample ID: 4076-4422		Date Sampled: 08/31/2020 Air Volume:1047 Liters
Sample Description: AMS3 083120	m . 125	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.096 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.016 μg	$0.000016 mg/m^3$
Lab ID: 2001810-04 Sample ID: 4076-4423		Date Sampled: 08/31/2020 Air Volume:1029 Liters
Sample Description: AMS4 083120		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.097 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	0.017 μg	0.000017mg/m^3
Lab ID: 2001810-05 Sample ID: 4076-4428		Date Sampled: 09/01/2020 Air Volume:3247 Liters
Sample Description: AMS5 090120		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.031 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000032 \mathrm{mg/m^3}$
Lab ID: 2001810-06 Sample ID: 4076-4431		Date Sampled: 09/01/2020 Air Volume:981 Liters
Sample Description: AMS1 090120	m . 135	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2001810-07 Sample ID: 4076-4429		Date Sampled: 09/01/2020 Air Volume:972 Liters
Sample Description: AMS2 090120	_	Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds as Cr (OSHA)	/ 0.010 ug	$< 0.000011 \mathrm{mg/m}^3$

Page 1 of 4

 $0.000011 \, mg/m^3$

Laboratory Number: 2001810

 $0.010\ \mu g$

Lab ID: 2001810-08 Sample ID: 4076-4420		Date Sampled: 09/01/2020 Air Volume	941 Liters
Sample Description: AMS3 090120	Total Mass	Matrix: PVC Filter - preweighed	
Analyte Tetal Particulates		Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Lab ID: 2001810-09 Sample ID: 4076-4425		Date Sampled: 09/01/2020 Air Volume	972 Liters
Sample Description: AMS4 090120		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	0.000011 mg/m^3	
Lab ID: 2001810-10 Sample ID: 4076-4430 Sample Description: AMS5 090220		Date Sampled: 09/02/2020 Air Volume Matrix: PVC Filter - preweighed	3127 Liters
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.032 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000033 \text{ mg/m}^3$	
Lab ID: 2001810-11 Sample ID: 4076-4415 Sample Description: AMS1 090220		Date Sampled: 09/02/2020 Air Volume Matrix: PVC Filter - preweighed	997 Liters
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
	< 0.010 μg	< 0.000010 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	/ 0.000010 mg/m-	
Lab ID: 2001810-12 Sample ID: 4076-4419 Sample Description: AMS2 090220		Date Sampled: 09/02/2020 Air Volume Matrix: PVC Filter - preweighed	931 Liters
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m³	
	< 0.010 μg	< 0.000011 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	ν 0.010 μg	< 0.000011 mg/m	
Lab ID: 2001810-13 Sample ID: 4076-4424 Sample Description: AMS3 090220		Date Sampled: 09/02/2020 Air Volume Matrix: PVC Filter - preweighed	903 Liters
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000012 mg/m ³	
emember (+1) compounds, as of (OSIII)	. υ.υτυ μg	. 5.550012 mg/m	
Lab ID: 2001810-14 Sample ID: 4076-4414		Date Sampled: 09/02/2020 Air Volume	953 Liters
Sample Description: AMS4 090220		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$	
Lab ID: 2001810-15 Sample ID: 4076-4416		Date Sampled: 09/03/2020 Air Volume	3309 Liters
Sample Description: AMS5 090320		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.030\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	$0.0000033 \ mg/m^3$	
Lab ID: 2001810-16 Sample ID: 4076-4433		Date Sampled: 09/03/2020 Air Volume	1028 Liters
Sample Description: AMS1 090320		Matrix: PVC Filter - preweighed	

<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.097 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	0.016 μg	$0.000015 mg/m^3$	
Lab ID: 2001810-17 Sample ID: 4076-4417 Sample Description: AMS2 090320		Date Sampled: 09/03/2020 Matrix: PVC Filter - prewei	Air Volume:953 Liters ighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2001810-18 Sample ID: 4076-4427		Date Sampled: 09/03/2020	Air Volume:933 Liters
Sample Description: AMS3 090320		Matrix: PVC Filter - prewei	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2001810-19 Sample ID: 4076-4418		Date Sampled: 09/03/2020	Air Volume:961 Liters
Sample Description: AMS4 090320		Matrix: PVC Filter - prewei	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	$0.000012 mg/m^3$	
Lab ID: 2001810-20 Sample ID: 4076-4410		Date Sampled: 09/04/2020	Air Volume:3562 Liters
Sample Description: AMS5 090420		Matrix: PVC Filter - prewei	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.028 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000029 \text{ mg/m}^3$	
Lab ID: 2001810-21 Sample ID: 4076-4409		Date Sampled: 09/04/2020	Air Volume:895 Liters
Sample Description: AMS1 090420		Matrix: PVC Filter - prewei	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	0.020 μg	$0.000022mg/m^3$	
Lab ID: 2001810-22 Sample ID: 4076-4411		Date Sampled: 09/04/2020	Air Volume:856 Liters
Sample Description: AMS2 090420		Matrix: PVC Filter - prewei	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.12 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	0.012 μg	0.000013 mg/m ³	
Lab ID: 2001810-23 Sample ID: 4076-4412		Date Sampled: 09/04/2020	Air Volume:842 Liters
Sample Description: AMS3 090420		Matrix: PVC Filter - prewei	
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	< 0.12 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	0.023 μg	0.000027 mg/m ³	
Lab ID: 2001810-24 Sample ID: 4076-4413		Date Sampled: 09/04/2020	Air Volume:864 Liters
Sample Description: AMS4 090420		Matrix: PVC Filter - prewei	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.12 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	0.013 μg	$0.000015mg/m^3$	
	Page 3 of 4		
	Laboratory Number:	2001810	

Lab ID: 2001810-25 Sample ID: 4076-4446 Date Sampled: 09/07/2020 Air Volume:10396 Liters Sample Description: AMS5 090720 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates $< 100 \,\mu g$ $< 0.0096 \,mg/m^3$ Chromium (VI) Compounds, as Cr (OSHA) $< 0.010 \,\mu g$ $< 0.0000010 \,mg/m^3$

Lab ID: 2001810-26 Sample ID: 4076-4445 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2001810-27 Sample ID: 4076-4451 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Reanalysis confirmed that the chromium (VI) level found on blank 4076-4445 was abnormally high. The sample results were corrected using only the result for blank 4076-4451.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	09/24/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	09/15/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

< Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million > Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

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Approved by:

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Tom Surveski
QA Director

Josef Chrzanowski Josef Chrzanowski IH Laboratory Director Marcel 7. Baril
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Report Issued To:

Carey Wu

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2001851

Date Received: 09/15/2020 Date Reported: 09/25/2020

Location: Site 174

120141111111111111111111111111111111111	Loca	uion: Site 1/4
Lionel Souza		
Emilcott Associates		
Lab ID: 2001851-01 Sample ID: 4076-4452 Sample Description: AMS5 090820		Date Sampled: 09/08/2020 Air Volume:3527 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	<u>10tai Mass</u> 120 μg	0.034 mg/m ³
		· ·
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000029 \mathrm{mg/m^3}$
Lab ID: 2001851-02 Sample ID: 4076-4458		Date Sampled: 09/08/2020 Air Volume:1004 Liters
Sample Description: AMS1 090820	W + 136	Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2001851-03 Sample ID: 4076-4457		Date Sampled: 09/08/2020 Air Volume:922 Liters
Sample Description: AMS2 090820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2001851-04 Sample ID: 4076-4454		Date Sampled: 09/08/2020 Air Volume:914 Liters
Sample Description: AMS3 090820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2001851-05 Sample ID: 4076-4448		Date Sampled: 09/08/2020 Air Volume:926 Liters
Sample Description: AMS4 090820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2001851-06 Sample ID: 4076-4453		Date Sampled: 09/09/2020 Air Volume:3470 Liters
Sample Description: AMS5 090920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	110 μg	$0.030\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000030 \text{mg/m}^3$
Lab ID: 2001851-07 Sample ID: 4076-4442		Date Sampled: 09/09/2020 Air Volume:1053 Liters
Lab ID: 2001851-07 Sample ID: 4076-4442 Sample Description: AMS1 090920		Matrix: PVC Filter - preweighed
Sample Description: AMS1 090920	<u>Total Mass</u>	•
•	Total Mass < 100 μg	Matrix: PVC Filter - preweighed

Page 1 of 4

Laboratory Number: 2001851

Lab ID: 2001851-08 Sample ID: 4076-4441		Date Sampled: 09/09/2020 Air Volume	:948 Liters
Sample Description: AMS2 090920	Total Mass	Matrix: PVC Filter - preweighed	
Analyte Total Particulates	<u> </u>	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Lab ID: 2001851-09 Sample ID: 4076-4443		Date Sampled: 09/09/2020 Air Volume	:935 Liters
Sample Description: AMS3 090920		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Lab ID: 2001851-10 Sample ID: 4076-4449 Sample Description: AMS4 090920		Date Sampled: 09/09/2020 Air Volume Matrix: PVC Filter - preweighed	:944 Liters
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$	
Lab ID: 2001851-11 Sample ID: 4076-4459 Sample Description: AMS5 091020		Date Sampled: 09/10/2020 Air Volume Matrix: PVC Filter - preweighed	:3552 Liters
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	—————————————————————————————————————	${0.032 \text{mg/m}^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000029 \mathrm{mg/m^3}$	
Lab ID: 2001851-12 Sample ID: 4076-4440		Date Sampled: 09/10/2020 Air Volume	·948 Liters
Sample Description: AMS1 091020		Matrix: PVC Filter - preweighed	.) IO LICEIS
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Lab ID: 2001851-13 Sample ID: 4076-4456		Date Sampled: 09/10/2020 Air Volume	:961 Liters
Sample Description: AMS2 091020		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 mg/m^3$	
Lab ID: 2001851-14 Sample ID: 4076-4450		Date Sampled: 09/10/2020 Air Volume	:927 Liters
Sample Description: AMS3 091020		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$	
Lab ID: 2001851-15 Sample ID: 4076-4444		Date Sampled: 09/10/2020 Air Volume	:946 Liters
Sample Description: AMS4 091020		Matrix: PVC Filter - preweighed	
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$	
Lab ID: 2001851-16 Sample ID: 4076-4439		•	:3528 Liters
Sample Description: AMS5 091120		Matrix: PVC Filter - preweighed	

Analyte Total Particulates	Total Mass < 100 μg	Concentration < 0.028 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000029 mg/m ³
Cinomian (v1) Compounds, as Ci (OSHA)	ν 0.010 μg	0.000025 mg m
Lab ID: 2001851-17 Sample ID: 4076-4435 Sample Description: AMS1 091120		Date Sampled: 09/11/2020 Air Volume:886 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000012 \text{mg/m}^3$
Lab ID: 2001851-18 Sample ID: 4076-4437		Date Sampled: 09/11/2020 Air Volume:851 Liters
Sample Description: AMS2 091120	Total Mass	Matrix: PVC Filter - preweighed
<u>Analyte</u> Fotal Particulates	<u></u>	Concentration < 0.12 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$
Lab ID: 2001851-19 Sample ID: 4076-4436		Date Sampled: 09/11/2020 Air Volume:838 Liters
Sample Description: AMS3 091120 Analyte	Total Mass	Matrix: PVC Filter - preweighed
		Concentration
Total Particulates	< 100 μg	< 0.12 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{ mg/m}^3$
Lab ID: 2001851-20 Sample ID: 4076-4434		Date Sampled: 09/11/2020 Air Volume:849 Liters
Sample Description: AMS4 091120	75 4 134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Fotal Particulates	< 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$
Lab ID: 2001851-21 Sample ID: 4076-4438		Date Sampled: 09/14/2020 Air Volume:10251 Liters
Sample Description: AMS5 091420 Analyte	Total Mass	Matrix: PVC Filter - preweighed
Total Particulates		Concentration < 0.0098 mg/m³
		****** * - 8
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000010 \mathrm{mg/m^3}$
Lab ID: 2001851-22 Sample ID: 4076-4843		Date Sampled: Not Provided
Sample Description: BLANK Analyte	Total Mass	Matrix: PVC Filter - preweighed
Total Particulates	<u>10tai Mass</u> < 100 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	
Lab ID: 2001851-23 Sample ID: 4076-4844		Date Sampled: Not Provided
Sample Description: BLANK	Total Mass	Matrix: PVC Filter - preweighed
Analyte Fotal Postionlates	Total Mass	
Total Particulates	< 100 μg < 0.010 μg	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 ug	

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010\;\mu g$	TIC-IC-07: Modified OSHA ID 215	09/24/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	09/16/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

C Less than µg micrograms µg/m³ micrograms per cubic meter ppm parts per million
Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

Approved by:

7om Surveski

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2001984

Date Received: 09/23/2020 Date Reported: 09/30/2020

Location: Site 174

<i>'</i>	Loca	mon. Site 1/4
Lionel Souza		
Emilcott Associates Lab ID: 2001984-01 Sample ID: 4076-4854		Date Sampled: 09/14/2020 Air Volume:1128 Liters
Sample Description: AMS1 091420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.089 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	0.024 μg	0.000021 mg/m^3
Lab ID: 2001984-02 Sample ID: 4076-4850		Date Sampled: 09/14/2020 Air Volume:1066 Liters
Sample Description: AMS2 091420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.094 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	0.000011 mg/m^3
Lab ID: 2001984-03 Sample ID: 4076-4855		Date Sampled: 09/14/2020 Air Volume:1037 Liters
Sample Description: AMS3 091420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2001984-04 Sample ID: 4076-4849		Date Sampled: 09/14/2020 Air Volume:1063 Liters
Sample Description: AMS4 091420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.094 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.017 μg	$0.000016{\rm mg/m^3}$
Lab ID: 2001984-05 Sample ID: 4076-4851		Date Sampled: 09/15/2020 Air Volume:3470 Liters
Sample Description: AMS5 091520	T (134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.029\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.026 μg	$0.0000076\mathrm{mg/m^3}$
Lab ID: 2001984-06 Sample ID: 4076-4842		Date Sampled: 09/15/2020 Air Volume:1197 Liters
Sample Description: AMS1 091520	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.084 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.013 μg	$0.000010{\rm mg/m^3}$
Lab ID: 2001984-07 Sample ID: 4076-4848		Date Sampled: 09/15/2020 Air Volume:1135 Liters
Sample Description: AMS2 091520	m . 13.6	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.088 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	$0.012~\mu g$	$0.000010{\rm mg/m^3}$

Page 1 of 4

Laboratory Number: 2001984

Lab ID: 2001984-08 Sample ID: 4076-48 Sample Description: AMS3 091520	356	Date Sampled: 09/15/2020 Air Volume:1128 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.089 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.023 μg	$0.000020 \mathrm{mg/m^3}$
monnum (VI) Compounts, as CI (OSIIA)	0.023 μg	0.000020 mg/m
ab ID: 2001984-09 Sample ID: 4076-48	338	Date Sampled: 09/15/2020 Air Volume:1145 Liters
ample Description: AMS4 091520		Matrix: PVC Filter - preweighed
<u>analyte</u>	Total Mass	<u>Concentration</u>
otal Particulates	< 100 μg	$< 0.087 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.013 μg	0.000011mg/m^3
ab ID: 2001984-10 Sample ID: 4076-48	339	Date Sampled: 09/16/2020 Air Volume:3485 Liters
ample Description: AMS5 091620		Matrix: PVC Filter - preweighed
<u>analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.029 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	0.013 μg	$0.0000037 mg/m^3$
ab ID: 2001984-11 Sample ID: 4076-48	353	Date Sampled: 09/16/2020 Air Volume:1154 Liters
ample Description: AMS1 091620		Matrix: PVC Filter - preweighed
<u>nalyte</u>	<u>Total Mass</u>	Concentration
otal Particulates	< 100 μg	$< 0.087 \text{mg/m}^3$
hromium (VI) Compounds, as Cr (OSHA)	0.015 μg	0.000013 mg/m^3
ab ID: 2001984-12 Sample ID: 4076-48	341	Date Sampled: 09/16/2020 Air Volume:1141 Liters
ample Description: AMS2 091620		Matrix: PVC Filter - preweighed
<u>analyte</u>	<u>Total Mass</u>	Concentration
otal Particulates	100 μg	$0.088\mathrm{mg/m^3}$
thromium (VI) Compounds, as Cr (OSHA)	0.013 μg	0.000012 mg/m^3
ab ID: 2001984-13 Sample ID: 4076-48	334	Date Sampled: 09/16/2020 Air Volume:1112 Liters
ample Description: AMS3 091620		Matrix: PVC Filter - preweighed
<u>nalyte</u>	<u>Total Mass</u>	<u>Concentration</u>
otal Particulates	< 100 μg	$< 0.090 \mathrm{mg/m^3}$
hromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000093 \text{ mg/m}^3$
ab ID: 2001984-14 Sample ID: 4076-48	340	Date Sampled: 09/16/2020 Air Volume:1141 Liters
ample Description: AMS4 091620		Matrix: PVC Filter - preweighed
<u>analyte</u>	Total Mass	Concentration
otal Particulates	< 100 μg	$< 0.088 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.018 μg	$0.000016\mathrm{mg/m^3}$
ab ID: 2001984-15 Sample ID: 4076-48	337	Date Sampled: 09/17/2020 Air Volume:3432 Liters
Sample Description: AMS5 091720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
otal Particulates	< 100 μg	$< 0.029 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000030 \mathrm{mg/m^3}$
Lab ID: 2001984-16 Sample ID: 4076-48	347	Date Sampled: 09/17/2020 Air Volume:1439 Liters
Sample Description: AMS1 091720		Matrix: PVC Filter - preweighed

<u>Analyte</u>	<u>Total M</u>	<u>[ass</u>	Concentration	
Total Particulates	< 10	00 μg <	$0.069\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OS	HA) 0.01	18 μg	0.000012 mg/m^3	
Lab ID: 2001984-17 Sample ID: 40	76-4852		mpled: 09/17/2020	Air Volume:1409 Liters
Sample Description: AMS2 091720			: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total M</u>	lass	Concentration	
Total Particulates	11	10 μg	0.081 mg/m^3	
Chromium (VI) Compounds, as Cr (OS	HA) < 0.01	10 μg <	$0.0000074 mg/m^3$	
Lab ID: 2001984-18 Sample ID: 40'	76-4835		mpled: 09/17/2020	Air Volume:1389 Liters
Sample Description: AMS3 091720			: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total M</u>	lass	Concentration	
Total Particulates	16	60 μg	$0.12\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OS	HA) 0.02	23 μg	0.000016mg/m^3	
Lab ID: 2001984-19 Sample ID: 40'	76-4836		mpled: 09/17/2020	Air Volume:1397 Liters
Sample Description: AMS4 091720			: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total M</u>	<u></u>	Concentration	
Total Particulates	< 10	00 μg <	0.072mg/m^3	
Chromium (VI) Compounds, as Cr (OS	HA) 0.01	15 μg	$0.000011 mg/m^3$	
Lab ID: 2001984-20 Sample ID: 40'	76-4833		impled: 09/18/2020	Air Volume:3542 Liters
Sample Description: AMS5 091820		Matrix	: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total M</u>	lass	Concentration	
Total Particulates	< 10	00 μg <	$0.028mg/m^3$	
Chromium (VI) Compounds, as Cr (OS	HA) 0.01	17 μg	$0.0000049 mg/m^3$	
Lab ID: 2001984-21 Sample ID: 40'	76-4857		mpled: 09/18/2020	Air Volume:1024 Liters
Sample Description: AMS1 091820	T 4 134		PVC Filter - prewei	ghed
Analyte	Total M		Concentration	
Total Particulates		00 μg <	$0.098\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OS	HA) 0.01	12 μg	$0.000012 mg/m^3$	
Lab ID: 2001984-22 Sample ID: 40'	76-4877		mpled: 09/18/2020	Air Volume:977 Liters
Sample Description: AMS2 091820			: PVC Filter - prewei	ghed
Analyte	<u>Total M</u>		Concentration	
Total Particulates		00 μg <	$0.10\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OS	HA) 0.02	21 μg	0.000022mg/m^3	
Lab ID: 2001984-23 Sample ID: 40°	76-4793		mpled: 09/18/2020	Air Volume:953 Liters
Sample Description: AMS3 091820			: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total M</u>	<u>_</u>	Concentration	
Total Particulates		00 μg <	$0.10\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OS	HA) 0.01	16 μg	$0.000016mg/m^3$	
Sample Comments:				
A sample identified as 4076-4739 was	listed on the sample submittal sheet. The	sample that was rece	eived was labeled 4076	-4793.
Lab ID: 2001984-24 Sample ID: 40°	76-4832		mpled: 09/18/2020	Air Volume:959 Liters
Sample Description: AMS4 091820			: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total M</u>	lass	Concentration	
Total Particulates	< 10	00 μg <	$0.10mg/m^3$	
		Page 3 of 4		
	Laboratory N	mber: 2001984		

Laboratory Number: 2001984

Chromium (VI) Compounds, as Cr (OSHA)

0.010 µg

 $0.000011 \, \text{mg/m}^3$

Lab ID: 2001984-25 Sample ID: 4076-4876 Date Sampled: 09/21/2020 Air Volume:10393 Liters

Sample Description: AMS5 092120 Matrix: PVC Filter - preweighed

Chromium (VI) Compounds, as Cr (OSHA) 0.014 µg 0.0000014 mg/m³

Lab ID: 2001984-26 Sample ID: 4076-4867 Date Sampled: Not Provided

Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2001984-27 Sample ID: 4076-4872 Date Sampled: Not Provided

Sample Description: BLANK Matrix: PVC Filter - preweighed

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	09/28/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	09/24/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million

For Greater than μg milligrams $\mu g/m^3$ milligrams per cubic meter ppb parts per billion

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Approved by:

7om Surveski

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002073

Date Received: 09/30/2020 Date Reported: 10/07/2020

Location: Site 174

	Loca	mon. Site 1/4
Matt Luppino		
Emilcott Associates Lab ID: 2002073-01 Sample ID: 4076-4882		Date Sampled: 09/21/2020 Air Volume:1059 Liters
Sample Description: AMS1 092120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.094 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000097 \text{mg/m}^3$
Lab ID: 2002073-02 Sample ID: 4076-4870		Date Sampled: 09/21/2020 Air Volume:1005 Liters
Sample Description: AMS2 092120	T. 4.13M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002073-03 Sample ID: 4076-4881		Date Sampled: 09/21/2020 Air Volume:985 Liters
Sample Description: AMS3 092120	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002073-04 Sample ID: 4076-4871		Date Sampled: 09/21/2020 Air Volume:1009 Liters
Sample Description: AMS4 092120	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.099 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002073-05 Sample ID: 4076-4875		Date Sampled: 09/22/2020 Air Volume:3581 Liters
Sample Description: AMS5 092220 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	<u>10tar Mass</u> 120 μg	0.033 mg/m ³
		-
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000029 \mathrm{mg/m^3}$
Lab ID: 2002073-06 Sample ID: 4076-4878		Date Sampled: 09/22/2020 Air Volume:935 Liters
Sample Description: AMS1 092220 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
	<u></u>	
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002073-07 Sample ID: 4076-4865		Date Sampled: 09/22/2020 Air Volume:946 Liters
Sample Description: AMS2 092220	Total Mass	Matrix: PVC Filter - preweighed
Analyte Total Particulates	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$

Page 1 of 4

Laboratory Number: 2002073

Lab ID: 2002073-08 Sample ID: 4076-4869		Date Sampled: 09/22/2020 Air Volume:920 Liters
Sample Description: AMS3 092220	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002073-09 Sample ID: 4076-4863		Date Sampled: 09/22/2020 Air Volume:935 Liters
Sample Description: AMS4 092220		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002073-10 Sample ID: 4076-4866		Date Sampled: 09/23/2020 Air Volume:3858 Liters
Sample Description: AMS5 092320	T / 126	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.026 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	0.012 μg	0.0000031 mg/m^3
Lab ID: 2002073-11 Sample ID: 4076-4868		Date Sampled: 09/23/2020 Air Volume:810 Liters
Sample Description: AMS1 092320		Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000013 \mathrm{mg/m^3}$
Lab ID: 2002073-12 Sample ID: 4076-4873		Date Sampled: 09/23/2020 Air Volume:799 Liters
Sample Description: AMS2 092320	75 4 134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	140 µg	0.18 mg/m^3
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000013 \mathrm{mg/m^3}$
Lab ID: 2002073-13 Sample ID: 4076-4883		Date Sampled: 09/23/2020 Air Volume:784 Liters
Sample Description: AMS3 092320	Total Mass	Matrix: PVC Filter - preweighed
Analyte Fotal Particulates	Total Mass	Concentration 0.13 mg/m³
Total Particulates	< 100 μg	< 0.13 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000013 mg/m ³
Lab ID: 2002073-14 Sample ID: 4076-4879 Sample Description: AMS4 092320		Date Sampled: 09/23/2020 Air Volume:793 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	<u>10tai Mass</u> < 100 μg	< 0.13 mg/m³
		_
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000013 mg/m ³
Lab ID: 2002073-15 Sample ID: 4076-4880		Date Sampled: 09/24/2020 Air Volume:3265 Liters
Sample Description: AMS5 092420	Total M	Matrix: PVC Filter - preweighed
	Total Mass	Concentration
	100	
Analyte Total Particulates	< 100 μg	< 0.031 mg/m³
	$<$ 100 μg $<$ 0.010 μg	< 0.0000032 mg/m ³

Total Mass	Concentration	
< 100 μg	$< 0.10 mg/m^3$	
< 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
	Date Sampled: 09/24/2020	Air Volume:1032 Liters
	Matrix: PVC Filter - prewei	ghed
Total Mass	Concentration	
170 μg	$0.16\mathrm{mg/m^3}$	
$<$ 0.010 μg	$< 0.000010 mg/m^3$	
	Date Sampled: 09/24/2020	Air Volume:1007 Liters
	Matrix: PVC Filter - prewei	ghed
Total Mass	Concentration	
140 μg	$0.14\mathrm{mg/m^3}$	
0.020 μg	$0.000020mg/m^3$	
	Date Sampled: 09/24/2020	Air Volume:1034 Liters
		ghed
Total Mass	Concentration	
< 100 μg	$< 0.097 \text{mg/m}^3$	
0.013 μg	0.000013 mg/m^3	
	Date Sampled: 09/25/2020	Air Volume:3562 Liters
	-	ghed
<u></u>	<u> </u>	
< 100 μg	$< 0.028 \mathrm{mg/m^3}$	
< 0.010 μg	$< 0.0000029 \text{mg/m}^3$	
	Date Sampled: 09/25/2020	Air Volume:1002 Liters
T-4-1 M		ghed
<u></u>		
	_	
< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$	
	Date Sampled: 09/25/2020	Air Volume:1006 Liters
Total Mass		gnea
· · · · · · · · · · · · · · · · · · ·		
	_	
	< 0.000010 mg/m ³	
< 0.010 μg	S	
< 0.010 μg	Date Sampled: 09/25/2020	Air Volume:993 Liters
Total Mass	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei	
Total Mass 120 μg	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration 0.12 mg/m³	
Total Mass	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei	
Total Mass 120 μg	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration 0.12 mg/m³ < 0.000010 mg/m³ Date Sampled: 09/25/2020	ghed Air Volume:1010 Liters
Total Mass 120 μg < 0.010 μg	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration 0.12 mg/m³ < 0.000010 mg/m³ Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei	ghed Air Volume:1010 Liters
Total Mass 120 μg < 0.010 μg Total Mass	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration 0.12 mg/m³ < 0.000010 mg/m³ Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration	ghed Air Volume:1010 Liters
Total Mass 120 μg < 0.010 μg	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration 0.12 mg/m³ < 0.000010 mg/m³ Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei	ghed Air Volume:1010 Liters
Total Mass 120 μg < 0.010 μg Total Mass	Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration 0.12 mg/m³ < 0.000010 mg/m³ Date Sampled: 09/25/2020 Matrix: PVC Filter - prewei Concentration	ghed Air Volume:1010 Liters
	Colon μg Colon μg	Concentration Concentration

Lab ID: 2002073-25 Sample ID: 4076-4796 Date Sampled: 09/28/2020 Air Volume:10787 Liters AMS5 092820 Matrix: PVC Filter - preweighed **Sample Description:**

Analyte Total Mass Concentration **Total Particulates** 100 µg $0.0093 \, mg/m^3$ < Chromium (VI) Compounds, as Cr (OSHA) $0.010 \, \mu g$ $< 0.00000096 \,\mathrm{mg/m^3}$

Lab ID: 2002073-26 Sample ID: 4076-4799 **Date Sampled: Not Provided** Sample Description: BLANK Matrix: PVC Filter - preweighed

Analyte Total Mass Total Particulates < $100 \mu g$ Chromium (VI) Compounds, as Cr (OSHA) $0.010 \mu g$

Lab ID: 2002073-27 Sample ID: 4076-4804 **Date Sampled: Not Provided Sample Description:** BLANK Matrix: PVC Filter - preweighed

Analyte Total Mass Total Particulates 100 μg Chromium (VI) Compounds, as Cr (OSHA) $0.010 \mu g$

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	10/07/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	09/30/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key Less than micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million Greater than milligrams ppb parts per billion milligrams per cubic meter mg/m3 mg

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002171

Date Received: 10/06/2020 Date Reported: 10/14/2020

Location: Site 174

Lab ID: 2002171-01 Sample ID: 4076-4798		Date Sampled: 09/28/2020 Air Volume:1181 Liters
Sample Description: AMS1 092820		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.085 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000087 \text{mg/m}^3$

Lab ID: 2002171-02 Sample ID: 4076-5156		Date Sampled: 09/28/2020 Air Volume:1197 Liters	
Sample Description: AMS2 092820		Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.084 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000086 \text{mg/m}^3$	

Lab ID: 2002171-03 Sample ID: 4076-4803		Date Sampled: 09/28/2020 Air Volume:1167 Liters	Š
Sample Description: AMS3 092820		Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	
Total Particulates	$<$ 100 μg	$< 0.086 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000088 mg/m^3$	

Sample Comments:

A sample identified as 4076-4706 was listed on the sample submittal sheet. The sample that was received was labeled 4076-4803.

Lab ID: 2002171-04 Sample ID: 4076-4791		Date Sampled: 09/28/2020 Air Volume:1171 Liters	
Sample Description: AMS4 092820		Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.085 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$< 0.010 \mu g$	$< 0.0000088 \mathrm{mg/m^3}$	

Lab ID: 2002171-05 Sample ID: 4076-4792		Date Sampled: 09/29/2020 Air Volume:3487 Liters	
Sample Description: AMS5 092920		Matrix: PVC Filter - preweighed	_
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.029 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	0.011 μg	$0.0000032 mg/m^3$	

Lab ID: 2002171-06 Sample ID: 4076-4790			Date Sa	ampled: 09/29/2020 Air Volume:1140 Liters
Sample Description: AMS1 092920			Matrix	: PVC Filter - preweighed
<u>Analyte</u>	<u>To</u>	otal Mass		Concentration
Total Particulates	<	100 μg	<	$0.088\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	<	$0.010~\mu g$	<	$0.0000090 mg/m^3$

Lab ID: 2002171-07 Sample ID: 4076-4795		Date Sampled: 09/29/2020 Air Volume:1196 Liters	
Sample Description: AMS2 092920	Matrix: PVC Filter - preweighed		
<u>Analyte</u>	Total Mass	Concentration	

Lab ID: 2002171-08 Sample ID: 4076-4788		Date Sampled: 09/29/2020	Air Volume:1206 Liters
Sample Description: AMS3 092920		Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.083 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000085 mg/m^3$	
Lab ID: 2002171-09 Sample ID: 4076-4800		Date Sampled: 09/29/2020	Air Volume:1246 Liters
Sample Description: AMS4 092920 Analyte	Total Mass	Matrix: PVC Filter - prewei	gnea
Total Particulates	<u>10tai Wass</u> < 100 μg	< 0.080 mg/m ³	
		_	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000083 mg/m ³	
Lab ID: 2002171-10 Sample ID: 4076-4805 Sample Description: AMS5 093020		Date Sampled: 09/30/2020 Matrix: PVC Filter - prewei	Air Volume:3697 Liters
Analyte	Total Mass	Concentration	gneu
Total Particulates	< 100 μg	< 0.027 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000028 \mathrm{mg/m^3}$	
emonium (*1) compounds, as Ci (OSIIA)	. υ.υιυ μg	• 0.0000020 mg/m	
Lab ID: 2002171-11 Sample ID: 4076-4786 Sample Description: AMS1 093020		Date Sampled: 09/30/2020 Matrix: PVC Filter - prewei	Air Volume:1297 Liters
Analyte	Total Mass	Concentration	gneu
Total Particulates	<u>100 μg</u>	< 0.077 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000079 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000079 mg/m²	
Lab ID: 2002171-12 Sample ID: 4076-4789 Sample Description: AMS2 093020		Date Sampled: 09/30/2020 Matrix: PVC Filter - prewei	Air Volume:1325 Liters
Analyte	Total Mass	Concentration	giicu
Total Particulates	< 100 μg	< 0.075 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000078 mg/m ³	
emonitum (VI) compounds, as ci (OSIIV)	ν.010 μg	0.0000076 mg m	
Lab ID: 2002171-13 Sample ID: 4076-4787		Date Sampled: 09/30/2020	Air Volume:1466 Liters
Sample Description: AMS3 093020	Total Mass	Matrix: PVC Filter - prewei	ghed
Analyte Total Portionleton	Total Mass	Concentration 0.068 mg/m ³	
Total Particulates	< 100 μg	$< 0.068 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	< 0.0000070 mg/m ³	
Lab ID: 2002171-14 Sample ID: 4076-4784		Date Sampled: 09/30/2020	Air Volume:1336 Liters
Sample Description: AMS4 093020	<u>Total Mass</u>	Matrix: PVC Filter - prewei	gned
Analyte Total Particulates	·	<u> </u>	
Total Particulates	< 100 μg	$< 0.075 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000077 mg/m ³	
Lab ID: 2002171-15 Sample ID: 4076-4785		Date Sampled: 10/01/2020	Air Volume:3701 Liters
Sample Description: AMS5 100120	70 4 134	Matrix: PVC Filter - prewei	ghed
Analyte To a Decirio Laco	Total Mass	<u>Concentration</u>	
Total Hautraulates	< 100 μg	$< 0.027 \mathrm{mg/m^3}$	
Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	0.015 μg	0.027 mg/m	

Lab ID: 2002171 16 Cample ID: 4077 4020		Data Sampled: 10/01/2020 A: V-1
Lab ID: 2002171-16 Sample ID: 4076-4830 Sample Description: AMS1 100120		Date Sampled: 10/01/2020 Air Volume:1352 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.074 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000076 mg/m³
Chromium (VI) Compounds, as CI (OSITA)	\ 0.010 μg	< 0.0000070 mg/m
Lab ID: 2002171-17 Sample ID: 4076-4781		Date Sampled: 10/01/2020 Air Volume:1408 Liters
Sample Description: AMS2 100120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.071 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000073 \text{ mg/m}^3$
Lab ID: 2002171-18 Sample ID: 4076-4780		Date Sampled: 10/01/2020 Air Volume:1331 Liters
Sample Description: AMS3 100120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.075 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000077 \text{ mg/m}^3$
Lab ID: 2002171-19 Sample ID: 4076-4782		Date Sampled: 10/01/2020 Air Volume:1420 Liters
Sample Description: AMS4 100120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.070 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000073 \text{ mg/m}^3$
Lab ID: 2002171-20 Sample ID: 4076-4829		Date Sampled: 10/02/2020 Air Volume:3943 Liters
Sample Description: AMS5 100220		Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	110 μg	$0.028\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000026 \mathrm{mg/m^3}$
Lab ID: 2002171-21 Sample ID: 4076-4828		Date Sampled: 10/02/2020 Air Volume:1380 Liters
Sample Description: AMS1 100220	T. 4.13M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.072 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000075 \mathrm{mg/m^3}$
Lab ID: 2002171-22 Sample ID: 4076-4824 Sample Description: AMS2 100220		Date Sampled: 10/02/2020 Air Volume:1472 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.068 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000070 mg/m ³
Cinomium (v1) Compounds, as CI (OSTA)	\ 0.010 μg	< 0.00000 / 0 mg/m-
Lab ID: 2002171-23 Sample ID: 4076-4826 Sample Description: AMS3 100220		Date Sampled: 10/02/2020 Air Volume:1397 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	·	
		< 0.072 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000074 \mathrm{mg/m^3}$
Lab ID: 2002171-24 Sample ID: 4076-4831 Sample Description: AMS4 100220		Date Sampled: 10/02/2020 Air Volume:1394 Liters Matrix: PVC Filter - preweighed
	Total Mass	
<u>Analyte</u>	Total Mass	Concentration

Total Particulates $100 \mu g$ $0.072 \, \text{mg/m}^3$ $0.010 \mu g$

Chromium (VI) Compounds, as Cr (OSHA)

 $0.0000074 \, mg/m^3$

Air Volume:11839 Liters Lab ID: 2002171-25 Sample ID: 4076-4825 Date Sampled: 10/05/2020 **Sample Description:**

AMS5 100520 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration 100 µg $0.0084 \, mg/m^3$ **Total Particulates** <

 $0.0000020 \, mg/m^3$ Chromium (VI) Compounds, as Cr (OSHA) $0.024 \mu g$

Lab ID: 2002171-26 Sample ID: 4076-4818 **Date Sampled: Not Provided**

Sample Description: BLANK Matrix: PVC Filter - preweighed

Analyte Total Mass Total Particulates $100 \mu g$

Chromium (VI) Compounds, as Cr (OSHA) $0.010 \mu g$

Lab ID: 2002171-27 Sample ID: 4076-4819 **Date Sampled: Not Provided**

Sample Description: BLANK Matrix: PVC Filter - preweighed

Analyte Total Mass

Total Particulates < $100 \mu g$ Chromium (VI) Compounds, as Cr (OSHA) 0.010 µg

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	10/14/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	10/08/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key Less than micrograms per cubic meter parts per million micrograms $\mu g/m^3$ uσ ppm Greater than milligrams milligrams per cubic meter parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002271

Date Received: 10/14/2020 10/23/2020 Date Reported:

Location: Site 174

Mott Lyaning	294	Sid I, I
Matt Luppino Emilcott Associates		
Lab ID: 2002271-01 Sample ID: 4076-4820		Date Sampled: 10/05/2020 Air Volume:927 Liters
Sample Description: AMS1 100520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002271-02 Sample ID: 4076-4822		Date Sampled: 10/05/2020 Air Volume:1044 Liters
Sample Description: AMS2 100520	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.096 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000099 \text{mg/m}^3$
Lab ID: 2002271-03 Sample ID: 4076-4827		Date Sampled: 10/05/2020 Air Volume:1035 Liters
Sample Description: AMS3 100520	T 4 LM	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.097 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000099 \text{mg/m}^3$
Lab ID: 2002271-04 Sample ID: 4076-4823		Date Sampled: 10/05/2020 Air Volume:1045 Liters
Sample Description: AMS4 100520	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.096\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000099 \text{mg/m}^3$
Lab ID: 2002271-05 Sample ID: 4076-4821		Date Sampled: 10/06/2020 Air Volume: 4728 Liters
Sample Description: AMS5 100620	Total Mass	Matrix: PVC Filter - preweighed Concentration
Analyte Total Particulates	·	
Total Particulates	< 100 μg	< 0.021 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000022 \text{mg/m}^3$
Lab ID: 2002271-06 Sample ID: 4076-4812		Date Sampled: 10/06/2020 Air Volume:1195 Liters
Sample Description: AMS1 100620	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.084 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000086 \mathrm{mg/m^3}$
Lab ID: 2002271-07 Sample ID: 4076-4816		Date Sampled: 10/06/2020 Air Volume:1333 Liters
Sample Description: AMS2 100620	Tr / 13/	Matrix: PVC Filter - preweighed
Analyte To a Decirio La	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.075 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000077 \mathrm{mg/m^3}$

Page 1 of 4

Laboratory Number: 2002271

Lab ID: 2002271-08 Sample ID: 4076-4811		Date Sampled: 10/06/2020	Air Volume:1324 Liters
Sample Description: AMS3 100620 Analyte	Total Mass	Matrix: PVC Filter - prewei	gnea
Total Particulates	<u>10tar Mass</u> < 100 μg	< 0.076 mg/m ³	
	. 0	C	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000078 \text{ mg/m}^3$	
Lab ID: 2002271-09 Sample ID: 4076-4808		Date Sampled: 10/06/2020	Air Volume:1349 Liters
Sample Description: AMS4 100620		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.075 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000076 \text{mg/m}^3$	
Lab ID: 2002271-10 Sample ID: 4076-4807		Date Sampled: 10/07/2020	Air Volume:5542 Liters
Sample Description: AMS5 100720		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.018 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000019 mg/m^3$	
Lab ID: 2002271-11 Sample ID: 4076-4813		Date Sampled: 10/07/2020	Air Volume:962 Liters
Sample Description: AMS1 100720		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³	
Lab ID: 2002271-12 Sample ID: 4076-4806		Date Sampled: 10/07/2020	Air Volume:1106 Liters
Sample Description: AMS2 100720	m / 134	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	140 μg	$0.13\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000093 mg/m ³	
Lab ID: 2002271-13 Sample ID: 4076-4817		Date Sampled: 10/07/2020	Air Volume:1055 Liters
Sample Description: AMS3 100720	<u>Total Mass</u>	Matrix: PVC Filter - prewei	gnea
Analyte Fotal Particulates		0.13 mg/m ³	
	140 μg	8	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000098 mg/m ³	
Lab ID: 2002271-14 Sample ID: 4076-4809		Date Sampled: 10/07/2020	Air Volume:1113 Liters
Sample Description: AMS4 100720	T-4-1 M	Matrix: PVC Filter - prewei	gned
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.090 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000092 mg/m ³	
Lab ID: 2002271-15 Sample ID: 4076-4815		Date Sampled: 10/08/2020	Air Volume:5508 Liters
Sample Description: AMS5 100820	T-4-134	Matrix: PVC Filter - prewei	gned
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.018 \mathrm{mg/m^3}$	
	0.040	$< 0.0000019 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000019 \mathrm{mg/m^3}$	

Analyta	Total Mass	Concentration	
Analyte Total Particulates	<u>Total Mass</u> < 100 μg	Concentration < 0.11 mg/m³	
Chromium (VI) Compounds, as Cr (OSHA)		< 0.000011 mg/m ³	
Cinonium (V1) Compounds, as Ci (OSTA)	< 0.010 μg	< 0.000011 hig/iii	
Lab ID: 2002271-17 Sample ID: 4076-3842		Date Sampled: 10/08/2020	Air Volume:1057 Liters
Sample Description: AMS2 100820		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000097 mg/m^3$	
Lab ID: 2002271-18 Sample ID: 4076-3835		Date Sampled: 10/08/2020	Air Volume:1049 Liters
Sample Description: AMS3 100820		Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000098 \text{ mg/m}^3$	
Lab ID: 2002271-19 Sample ID: 4076-4814		Date Sampled: 10/08/2020	Air Volume:1064 Liters
Sample Description: AMS4 100820	W 135	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	< 0.094 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000097 \text{mg/m}^3$	
Lab ID: 2002271-20 Sample ID: 4076-3838		Date Sampled: 10/09/2020	Air Volume:4313 Liters
Sample Description: AMS5 100920	Tr. 4 134	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.023 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000024 \text{mg/m}^3$	
Lab ID: 2002271-21 Sample ID: 4076-3828		Date Sampled: 10/09/2020	Air Volume:921 Liters
Sample Description: AMS1 100920 Analyte	Total Mass	Matrix: PVC Filter - prewei	gnea
		<u>Concentration</u>	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$	
Lab ID: 2002271-22 Sample ID: 4076-3830		Date Sampled: 10/09/2020	Air Volume:570 Liters
Sample Description: AMS2 100920	T-4-1 M	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	$< 0.18 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000018 \text{mg/m}^3$	
Lab ID: 2002271-23 Sample ID: 4076-3839 Sample Description: AMS3 100920		Date Sampled: 10/09/2020 Matrix: PVC Filter - prewei	Air Volume:1061 Liters
Analyte Analyte	Total Mass	Concentration	Sincu
Total Particulates	< 100 μg	< 0.094 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000097 mg/m ³	
Cinomium (v1) Compounus, as Ci (OSTA)	\ 0.010 μg	< 0.000009/ Ing/In/	
I I ID 2002271 24 G I ID 4077 2020		Date Sampled: 10/09/2020 Matrix: PVC Filter - prewei	Air Volume:1076 Liters
•		THE PROPERTY OF THE PROPERTY	5
Sample Description: AMS4 100920	Total Mass	-	-
Sample Description: AMS4 100920 Analyte	Total Mass	Concentration	
Sample Description: AMS4 100920 Analyte Total Particulates	< 100 μg	Concentration < 0.093 mg/m³	-
Sample Description: AMS4 100920 Analyte	·	Concentration < 0.093 mg/m³ < 0.0000096 mg/m³	-

Lab ID: 2002271-25 Sample ID: 4076-3844 Date Sampled: 10/12/2020 Air Volume:11626 Liters

Sample Description: AMS 5 101220 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates $250 \,\mu g$ $0.021 \,m g/m^3$

Chromium (VI) Compounds, as Cr (OSHA) $0.023 \,\mu g$ $0.0000020 \,m g/m^3$

Lab ID: 2002271-26 Sample ID: 4076-2363 Date Sampled: Not Provided

Sample Description: BLANK Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>

Chromium (VI) Compounds, as Cr (OSHA) < 0.010 μg

Lab ID: 2002271-27 Sample ID: 4076-2358 Date Sampled: Not Provided

Sample Description: BLANK Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>

Chromium (VI) Compounds, as Cr (OSHA) < 0.010 μg

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	10/23/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	10/15/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Less than µg micrograms µg/m³ micrograms per cubic meter ppm parts per million

> Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

Approved by:

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002326

Date Received: 10/20/2020 Date Reported: 10/26/2020

Location: Site 174

· · · · · · · · · · · · · · · · · · ·	Loca	mon. Site 1/4
Matt Luppino		
Emilcott Associates Lab ID: 2002326-01 Sample ID: 4076-3823		Date Sampled: 10/13/2020 Air Volume:3268 Liters
Sample Description: AMSS 101320		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.031 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000031 \text{ mg/m}^3$
Lab ID: 2002326-02 Sample ID: 4076-3834		Date Sampled: 10/13/2020 Air Volume:886 Liters
Sample Description: AMS1 101320	TF 4 13M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$
Lab ID: 2002326-03 Sample ID: 4076-3832		Date Sampled: 10/13/2020 Air Volume:1040 Liters
Sample Description: AMS2 101320	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.096 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000099 \text{mg/m}^3$
Lab ID: 2002326-04 Sample ID: 4076-3845		Date Sampled: 10/13/2020 Air Volume:1023 Liters
Sample Description: AMS3 101320	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.098 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002326-05 Sample ID: 4076-3840		Date Sampled: 10/13/2020 Air Volume:1051 Liters
Sample Description: AMS4 101320 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	<u>10tai Wass</u> < 100 μg	< 0.095 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000098 \text{mg/m}^3$
Lab ID: 2002326-06 Sample ID: 4076-3841		Date Sampled: 10/14/2020 Air Volume:3918 Liters
Sample Description: AMS5 101420	Total Mass	Matrix: PVC Filter - preweighed Concentration
Analyte Total Posticulates	<u></u>	
Total Particulates	< 100 μg	< 0.026 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000026 \text{mg/m}^3$
Lab ID: 2002326-07 Sample ID: 4076-3833		Date Sampled: 10/14/2020 Air Volume:918 Liters
Sample Description: AMS1 101420	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte Table 1 and 1 an	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$

Page 1 of 4 Laboratory Number: 2002326

Lab ID: 2002326-08 Sample ID: 4076-3822		Date Sampled: 10/14/2020 Air Volume:1062 Liters
Sample Description: AMS2 101420	Total Mass	Matrix: PVC Filter - preweighed
Analyte Total Particulates	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.094 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000097 \text{ mg/m}^3$
Lab ID: 2002326-09 Sample ID: 4076-3825		Date Sampled: 10/14/2020 Air Volume:1017 Liters
Sample Description: AMS3 101420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.098 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2002326-10 Sample ID: 4076-3826 Sample Description: AMS4 101420		Date Sampled: 10/14/2020 Air Volume:1009 Liters Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002326-11 Sample ID: 4076-3817 Sample Description: AMS5 101520		Date Sampled: 10/15/2020 Air Volume:4036 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	<u>- 100 μg</u>	< 0.025 mg/m ³
		< 0.0000025 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000023 mg/m²
Lab ID: 2002326-12 Sample ID: 4076-3816 Sample Description: AMS1 101520		Date Sampled: 10/15/2020 Air Volume:941 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
	< 0.010 μg	< 0.000011 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	ν 0.010 μg	0.000011 mg/m
Lab ID: 2002326-13 Sample ID: 4076-3820 Sample Description: AMS2 101520		Date Sampled: 10/15/2020 Air Volume:1059 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.094 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000097 mg/m ³
	0.010 μg	olovov, ing ii
Lab ID: 2002326-14 Sample ID: 4076-3827		Date Sampled: 10/15/2020 Air Volume:1042 Liters
Sample Description: AMS3 101520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000099 \text{ mg/m}^3$
Lab ID: 2002326-15 Sample ID: 4076-3821		Date Sampled: 10/15/2020 Air Volume:1063 Liters
Sample Description: AMS4 101520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.094 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000097 \text{ mg/m}^3$
Lab ID: 2002326-16 Sample ID: 4076-3818		Date Sampled: 10/16/2020 Air Volume:4351 Liters
Sample Description: AMS5 101620		Matrix: PVC Filter - preweighed

<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.023 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000024 mg/m^3$
Lab ID: 2002326-17 Sample ID: 4076-3870		Date Sampled: 10/16/2020 Air Volume:890 Liters
Sample Description: AMS1 101620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	160 μg	$0.18\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{ mg/m}^3$
Lab ID: 2002326-18 Sample ID: 4076-3871		Date Sampled: 10/16/2020 Air Volume:1042 Liters
Sample Description: AMS2 101620		Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000099 \mathrm{mg/m^3}$
		·
Lab ID: 2002326-19 Sample ID: 4076-3873		Date Sampled: 10/16/2020 Air Volume:1025 Liters
Sample Description: AMS3 101620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.098 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2002326-20 Sample ID: 4076-3872		Date Sampled: 10/16/2020 Air Volume:1040 Liters
•		
Sample Description: AMS4 101620		Matrix: PVC Filter - preweighed
	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
Sample Description: AMS4 101620	Total Mass < 100 μg	
Sample Description: AMS4 101620 Analyte		Concentration
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	< 100 μg	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³
Sample Description: AMS4 101620 Analyte Total Particulates	< 100 μg	Concentration < 0.096 mg/m³
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869	< 100 μg	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920	< 100 μg < 0.010 μg	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte	< 100 μg < 0.010 μg Total Mass	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates	< 100 μg < 0.010 μg Total Mass < 100 μg	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861	< 100 μg < 0.010 μg Total Mass < 100 μg	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK	< 100 μg < 0.010 μg Total Mass < 100 μg 0.015 μg	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³
Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte	 100 μg 0.010 μg Total Mass 100 μg 0.015 μg Total Mass	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided
Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte Total Particulates	 100 μg 0.010 μg Total Mass 100 μg 0.015 μg Total Mass 100 μg 	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided
Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte	 100 μg 0.010 μg Total Mass 100 μg 0.015 μg Total Mass	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided
Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	 100 μg 0.010 μg Total Mass 100 μg 0.015 μg Total Mass 100 μg 	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	 100 μg 0.010 μg Total Mass 100 μg 0.015 μg Total Mass 100 μg 	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	 100 μg 0.010 μg Total Mass 100 μg 0.015 μg Total Mass 100 μg 	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Sample Description: AMS4 101620 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-23 Sample ID: 4076-3859 Sample Description: BLANK	 < 100 μg < 0.010 μg Total Mass < 100 μg 0.015 μg Total Mass < 0.010 μg < 0.010 μg 	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided Matrix: PVC Filter - preweighed
Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-21 Sample ID: 4076-3869 Sample Description: AMS5 101920 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-22 Sample ID: 4076-3861 Sample Description: BLANK Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002326-23 Sample ID: 4076-3859 Sample Description: BLANK Analyte Lab ID: 2002326-23 Sample ID: 4076-3859 Sample Description: BLANK Analyte	 < 100 μg < 0.010 μg Total Mass < 100 μg 0.015 μg Total Mass < 0.010 μg < 0.010 μg 	Concentration < 0.096 mg/m³ < 0.0000099 mg/m³ Date Sampled: 10/19/2020 Air Volume:13244 Liters Matrix: PVC Filter - preweighed Concentration < 0.0076 mg/m³ 0.0000012 mg/m³ Date Sampled: Not Provided Matrix: PVC Filter - preweighed

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010\;\mu g$	TIC-IC-07: Modified OSHA ID 215	10/26/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	10/20/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Cless than
Forester than
Hg
micrograms
mg
milligrams
mg/m³
milligrams per cubic meter
mg/m³
milligrams per cubic meter
ppb
parts per billion
ppt
parts per billion

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Approved by:

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002424

Date Received: 10/27/2020 Date Reported: 11/04/2020

Location: Site 174

120141111111111111111111111111111111111	Loca	uion: Site 1/4
Matt Luppino		
Emilcott Associates		D (C 1 10/10/2020 11 17 1 22 11
Lab ID: 2002424-01 Sample ID: 4076-3858 Sample Description: AMS1 101920		Date Sampled: 10/19/2020 Air Volume:926 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³
Chromium (VI) Compounds, as CI (CSIIII)	0.010 μg	0.000011 mg/m
Lab ID: 2002424-02 Sample ID: 4076-3865		Date Sampled: 10/19/2020 Air Volume:1049 Liters
Sample Description: AMS2 101920	T	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000098 mg/m ³
Lab ID: 2002424-03 Sample ID: 4076-3866		Date Sampled: 10/19/2020 Air Volume:962 Liters
Sample Description: AMS3 101920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002424-04 Sample ID: 4076-3867		Date Sampled: 10/19/2020 Air Volume:1049 Liters
Sample Description: AMS4 101920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000098 \text{ mg/m}^3$
Lab ID: 2002424-05 Sample ID: 4076-3863		Date Sampled: 10/20/2020 Air Volume:4881 Liters
Sample Description: AMS5 102020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.020 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000021 \text{ mg/m}^3$
Lab ID: 2002424-06 Sample ID: 4076-3860		Date Sampled: 10/20/2020 Air Volume:896 Liters
Sample Description: AMS1 102020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002424-07 Sample ID: 4076-3868		Date Sampled: 10/20/2020 Air Volume:1021 Liters
Sample Description: AMS2 102020		Matrix: PVC Filter - preweighed
Sample Description: AMS2 102020 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
•	Total Mass < 100 μg	Matrix: PVC Filter - preweighed

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Lab ID: 2002424-08 Sample ID: 4076-3857		Date Sampled: 10/20/2020	Air Volume:1031 Liters
Sample Description: AMS3 102020 Analyte	Total Mass	Matrix: PVC Filter - prewei	gnea
Total Particulates	<u>10tai Wass</u> < 100 μg	< 0.097 mg/m ³	
		e e e e e e e e e e e e e e e e e e e	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000010 mg/m ³	
Lab ID: 2002424-09 Sample ID: 4076-3862		Date Sampled: 10/20/2020	Air Volume:1075 Liters
Sample Description: AMS4 102020		Matrix: PVC Filter - prewei	ghed
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.093 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000096 \text{mg/m}^3$	
Lab ID: 2002424-10 Sample ID: 4076-3853		Date Sampled: 10/21/2020	Air Volume:4935 Liters
Sample Description: AMS5 102120		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.020 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000021 \text{ mg/m}^3$	
Lab ID: 2002424-11 Sample ID: 4076-3855		Date Sampled: 10/21/2020	Air Volume:919 Liters
Sample Description: AMS1 102120		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2002424-12 Sample ID: 4076-3850		Date Sampled: 10/21/2020	Air Volume:1012 Liters
Sample Description: AMS2 102120		Matrix: PVC Filter - prewei	ghed
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2002424-13 Sample ID: 4076-3846		Date Sampled: 10/21/2020	Air Volume:958 Liters
Sample Description: AMS3 102120	T-4-1 M	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³	
Lab ID: 2002424-14 Sample ID: 4076-3848		Date Sampled: 10/21/2020	Air Volume:1038 Liters
Sample Description: AMS4 102120	T-4-1 M	Matrix: PVC Filter - prewei	gned
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000099 mg/m ³	
Lab ID: 2002424-15 Sample ID: 4076-3852		Date Sampled: 10/22/2020	Air Volume: 4683 Liters
Sample Description: AMS5 102220	T-4-134	Matrix: PVC Filter - prewei	gned
Analyte	Total Mass	<u>Concentration</u>	
	< 100 μg	$< 0.021 \text{mg/m}^3$	
Total Particulates			
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000022 \text{mg/m}^3$	

<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$	
Lab ID: 2002424-17 Sample ID: 4076-3166		Date Sampled: 10/22/2020	Air Volume:1013 Liters
Sample Description: AMS2 102220		Matrix: PVC Filter - prewei	
Analyte	<u>Total Mass</u>	Concentration	-
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2002424-18 Sample ID: 4076-3849		Date Sampled: 10/22/2020	Air Volume:1001 Liters
Sample Description: AMS3 102220		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	$<$ 100 μg	$< 0.10 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2002424-19 Sample ID: 4076-3851		Date Sampled: 10/22/2020	Air Volume:1020 Liters
Sample Description: AMS4 102220		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.098 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2002424-20 Sample ID: 4076-3167		Date Sampled: 10/23/2020	Air Volume:3980 Liters
Sample Description: AMS5 102320		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.025 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000026 mg/m^3$	
Lab ID: 2002424-21 Sample ID: 4076-3165		Date Sampled: 10/23/2020	Air Volume:884 Liters
Sample Description: AMS1 102320		Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000012 \mathrm{mg/m^3}$	
Lab ID: 2002424-22 Sample ID: 4076-3163		Date Sampled: 10/23/2020	Air Volume:1008 Liters
Sample Description: AMS2 102320		Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2002424-23 Sample ID: 4076-3162		Date Sampled: 10/23/2020	Air Volume:992 Liters
Sample Description: AMS3 102320 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - prewei	gnea
Total Particulates	< 100 μg	< 0.10 mg/m ³	
		_	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 mg/m^3$	
		D (C) 1 1 40/03/0000	
•		Date Sampled: 10/23/2020	Air Volume:984 Liters
Sample Description: AMS4 102320	Total Mass	Matrix: PVC Filter - prewei	
Sample Description: AMS4 102320 Analyte	Total Mass	Matrix: PVC Filter - prewei Concentration	
Sample Description: AMS4 102320 Analyte Total Particulates	< 100 μg	Matrix: PVC Filter - prewei Concentration < 0.10 mg/m³	
		Matrix: PVC Filter - prewei Concentration	

Lab ID: 2002424-25 Sample ID: 4076-3161 Date Sampled: 10/26/2020 Air Volume:13145 Liters Sample Description: AMS5 102620 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.0076 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.010 \,\mu g$ < $0.00000078 \,m g/m^3$

Lab ID: 2002424-26 Sample ID: 4076-3158 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2002424-27 Sample ID: 4076-3154 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	11/02/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	11/02/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million

Figure 1 Greater than μg milligrams $\mu g/m^3$ milligrams per cubic meter ppb parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002510

11/04/2020 Date Received: Date Reported: 11/11/2020 Location: PPG/Site 174

Location:	PPG/Site 1/4	

Matt Luppino		
Emilcott Associates		D 4 C 1 1 40/26/2020 1' V 1 920 1'4
Lab ID: 2002510-01 Sample ID: 4076-3157 Sample Description: AMS1 102620		Date Sampled: 10/26/2020 Air Volume:838 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Fotal Particulates	< 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000012 \text{mg/m}^3$
Lab ID: 2002510-02 Sample ID: 4076-3156		Date Sampled: 10/26/2020 Air Volume:972 Liters
Sample Description: AMS2 102620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002510-03 Sample ID: 4076-3160		Date Sampled: 10/26/2020 Air Volume:959 Liters
Sample Description: AMS3 102620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002510-04 Sample ID: 4076-3159		Date Sampled: 10/26/2020 Air Volume:939 Liters
Sample Description: AMS4 102620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002510-05 Sample ID: 4076-3155		Date Sampled: 10/27/2020 Air Volume:4054 Liters
Sample Description: AMS5 102720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.025 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000025 \text{ mg/m}^3$
Lab ID: 2002510-06 Sample ID: 4076-3150		Date Sampled: 10/27/2020 Air Volume:935 Liters
Sample Description: AMS1 102720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002510-07 Sample ID: 4076-3148		Date Sampled: 10/27/2020 Air Volume:1044 Liters
Sample Description: AMS2 102720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.096 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000098 \text{ mg/m}^3$

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Lab ID: 2002510-08 Sample ID: 4076-3147		Date Sampled: 10/27/2020 Air Volume:1025 Liters
Sample Description: AMS3 102720	700 (2 3 5 C	Matrix: PVC Filter - preweighed
Analyte Table 1 and 1 an	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.098 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002510-09 Sample ID: 4076-3153		Date Sampled: 10/27/2020 Air Volume:999 Liters
Sample Description: AMS4 102720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002510-10 Sample ID: 4076-3151 Sample Description: AMS5 102820		Date Sampled: 10/28/2020 Air Volume:4062 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	<u>110 μg</u>	0.026 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	0.013 μg	0.0000033 mg/m ³
Cinomium (*1) Compounus, as Ci (OSTIA)	υ.υ13 μg	0.0000033 IIIg/III
Lab ID: 2002510-11 Sample ID: 4076-3143		Date Sampled: 10/28/2020 Air Volume:869 Liters
Sample Description: AMS1 102820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.12 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000012 mg/m^3$
Lab ID: 2002510-12 Sample ID: 4076-3152		Date Sampled: 10/28/2020 Air Volume:999 Liters
Sample Description: AMS2 102820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002510-13 Sample ID: 4076-3146		Date Sampled: 10/28/2020 Air Volume:1697 Liters
Sample Description: AMS3 102820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.059 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000060 mg/m^3$
Lab ID: 2002510-14 Sample ID: 4076-3145		Date Sampled: 10/28/2020 Air Volume:962 Liters
Sample Description: AMS4 102820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2002510-15 Sample ID: 4076-3144		Date Sampled: 10/29/2020 Air Volume:4438 Liters
Sample Description: AMS5 102920	700 (2 3 A	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.023 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000023 \text{ mg/m}^3$
Lab ID: 2002510-16 Sample ID: 4076-3190		Date Sampled: 10/29/2020 Air Volume:840 Liters
Sample Description: AMS1 102920		Matrix: PVC Filter - preweighed

<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	<u>100 μg</u>	< 0.12 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000012 mg/m ³	
emonium (VI) Compounds, as CI (OSIIA)	ν.010 μg	0.000012 mg/m	
Lab ID: 2002510-17 Sample ID: 4076-3192		Date Sampled: 10/29/2020	Air Volume:993 Liters
Sample Description: AMS2 102920		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2002510-18 Sample ID: 4076-3142		Date Sampled: 10/29/2020	Air Volume:980 Liters
Sample Description: AMS3 102920	m . 125	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2002510-19 Sample ID: 4076-3193		Date Sampled: 10/29/2020	Air Volume:950 Liters
Sample Description: AMS4 102920	m / 125	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Lab ID: 2002510-20 Sample ID: 4076-3191		Date Sampled: 10/30/2020	Air Volume:4390 Liters
Sample Description: AMS5 103020	TO A LIM	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.023 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000023 \text{ mg/m}^3$	
Lab ID: 2002510-21 Sample ID: 4076-3186		Date Sampled: 10/30/2020	Air Volume:803 Liters
Sample Description: AMS1 103020	T-4-1 M	Matrix: PVC Filter - prewei	ghed
Analyte Translation of the Control o	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.12 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000013 \text{ mg/m}^3$	
Lab ID: 2002510-22 Sample ID: 4076-3188		Date Sampled: 10/30/2020	Air Volume:944 Liters
Sample Description: AMS2 103020	TD 4 134	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³	
Lab ID: 2002510-23 Sample ID: 4076-3187		Date Sampled: 10/30/2020	Air Volume:968 Liters
Sample Description: AMS3 103020 Analyte	Total Mass	Matrix: PVC Filter - prewei	gucu
Total Particulates	<u>10tai Mass</u> < 100 μg	< 0.10 mg/m ³	
		_	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m ³	
Lab ID: 2002510-24 Sample ID: 4076-3189		Date Sampled: 10/30/2020 Matrix: PVC Filter - prewei	Air Volume:916 Liters
Sample Description: AMS/ 103020		-	gneu
	Total Mass	Concentration	
Analyte	Total Mass	Concentration < 0.11 mg/m ³	
Analyte Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
Sample Description: AMS4 103020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA)	·	< 0.11 mg/m ³ $<$ 0.000011 mg/m ³	

Lab ID: 2002510-25 Sample ID: 4076-3185 Date Sampled: 11/02/2020 Air Volume:14254 Liters Sample Description: AMS5 110220 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.0070 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.010 \,\mu g$ < $0.00000072 \,m g/m^3$

Lab ID: 2002510-26 Sample ID: 4076-3178 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2002510-27 Sample ID: 4076-3183 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	0.010 μg	TIC-IC-07: Modified OSHA ID 215	11/09/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	11/05/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Key
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 > Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002546

Date Received: 11/10/2020 Date Reported: 11/19/2020

Location: Site 174

Locat	tion: Site 174
	Date Sampled: 11/02/2020 Air Volume:882 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
$<$ 100 μg	< 0.11 mg/m ³
< 0.010 μg	$< 0.000012 \text{mg/m}^3$
	Date Sampled: 11/02/2020 Air Volume:1051 Liters
	Matrix: PVC Filter - preweighed
<u></u>	Concentration
< 100 μg	$< 0.095 \text{mg/m}^3$
< 0.010 μg	$< 0.0000098 \text{ mg/m}^3$
	Date Sampled: 11/02/2020 Air Volume:1002 Liters
	Matrix: PVC Filter - preweighed
<u></u>	Concentration
< 100 μg	$< 0.10 \text{mg/m}^3$
< 0.010 μg	$< 0.000010 mg/m^3$
	Date Sampled: 11/02/2020 Air Volume:1030 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
$<$ 100 μg	$< 0.097 \text{mg/m}^3$
< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
	Date Sampled: 11/03/2020 Air Volume:5415 Liters
	Matrix: PVC Filter - preweighed
<u>Total Mass</u>	Concentration
< 100 μg	$< 0.018 \mathrm{mg/m^3}$
$<$ 0.010 μg	$< 0.0000019 \mathrm{mg/m^3}$
	Date Sampled: 11/03/2020 Air Volume:1046 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
·	
< 100 μg	$< 0.096 mg/m^3$
·	< 0.096 mg/m ³ $<$ 0.0000098 mg/m ³
< 100 μg	< 0.0000098 mg/m³ Date Sampled: 11/03/2020 Air Volume:1265 Liters
< 100 μg < 0.010 μg	 0.0000098 mg/m³ Date Sampled: 11/03/2020 Air Volume:1265 Liters Matrix: PVC Filter - preweighed
< 100 μg < 0.010 μg Total Mass	< 0.0000098 mg/m³ Date Sampled: 11/03/2020 Air Volume:1265 Liters
< 100 μg < 0.010 μg	 0.0000098 mg/m³ Date Sampled: 11/03/2020 Air Volume:1265 Liters Matrix: PVC Filter - preweighed
	Total Mass < 100 μg < 0.010 μg < 100 μg < 100 μg < 0.010 μg < 0.010 μg < 0.010 μg < 100 μg < 0.010 μg

Page 1 of 4

Lab ID: 2002546-08 Sample ID: 4076-3182		Date Sampled: 11/03/2020	Air Volume:1244 Liters
Sample Description: AMS3 110320 Analyte	Total Mass	Matrix: PVC Filter - prewei	gnea
Total Particulates	<u>10tar Mass</u> < 100 μg	< 0.080 mg/m ³	
	. 0	· ·	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000082 mg/m ³	
Lab ID: 2002546-09 Sample ID: 4076-3175		Date Sampled: 11/03/2020	Air Volume:1242 Liters
Sample Description: AMS4 110320		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.081 \text{ mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000083 \text{ mg/m}^3$	
Lab ID: 2002546-10 Sample ID: 4076-3172		Date Sampled: 11/04/2020	Air Volume:5213 Liters
Sample Description: AMS5 110420		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.019 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000020 mg/m^3$	
Lab ID: 2002546-11 Sample ID: 4076-3169		Date Sampled: 11/04/2020	Air Volume:1000 Liters
Sample Description: AMS1 110420		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2002546-12 Sample ID: 4076-3170		Date Sampled: 11/04/2020	Air Volume:1139 Liters
Sample Description: AMS2 110420		Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.088 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	0.015 μg	0.000013 mg/m^3	
Lab ID: 2002546-13 Sample ID: 4076-2347		Date Sampled: 11/04/2020	Air Volume:1182 Liters
Sample Description: AMS3 110420	Total Mass	Matrix: PVC Filter - prewei	gnea
Analyte Fotal Particulates	Total Mass	Concentration 0.085 mg/m ³	
Total Particulates	< 100 μg	$< 0.085 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000087 mg/m ³	
Lab ID: 2002546-14 Sample ID: 4076-3171		Date Sampled: 11/04/2020	Air Volume:1125 Liters
Sample Description: AMS4 110420	<u>Total Mass</u>	Matrix: PVC Filter - prewei	gneu
Analyte Total Posticulator		Concentration 0.080 mg/m ³	
Total Particulates	< 100 μg	$< 0.089 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000091 mg/m ³	
Lab ID: 2002546-15 Sample ID: 4076-3168		Date Sampled: 11/05/2020	Air Volume:4682 Liters
Sample Description: AMS5 110520	T-4-134	Matrix: PVC Filter - prewei	gnea
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	$< 0.021 \text{ mg/m}^3$	
	< 0.010 ··· ~	$< 0.0000022 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	0.0000022 mg/m	

Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.095 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000097 \mathrm{mg/m^3}$	
,	1,111		
Lab ID: 2002546-17 Sample ID: 4076-2166		Date Sampled: 11/05/2020	Air Volume:1051 Liters
Sample Description: AMS2 110520	75 4 134	Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000098 \text{mg/m}^3$	
Lab ID: 2002546-18 Sample ID: 4076-2169		Date Sampled: 11/05/2020	Air Volume:1012 Liters
Sample Description: AMS3 110520		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010mg/m^3$	
Lab ID: 2002546-19 Sample ID: 4076-2357		Date Sampled: 11/05/2020	Air Volume:935 Liters
Sample Description: AMS4 110520		Matrix: PVC Filter - prewei	
Analyte	Total Mass	Concentration	5
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	0.019 μg	$0.000021 \mathrm{mg/m^3}$	
Cinomium (v1) Compounus, as Ci (OSTA)	υ.υ19 μg	0.000021 Hig/III ³	
Lab ID: 2002546-20 Sample ID: 4076-2340		Date Sampled: 11/06/2020	Air Volume:3313 Liters
Sample Description: AMS5 110620	TD . 134	Matrix: PVC Filter - prewei	ghed
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	$< 0.030 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000031 \text{ mg/m}^3$	
Lab ID: 2002546-21 Sample ID: 4076-2359		Date Sampled: 11/06/2020	Air Volume:1105 Liters
Sample Description: AMS1 110620		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.090 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000093 \text{ mg/m}^3$	
Lab ID: 2002546-22 Sample ID: 4076-2349		Date Sampled: 11/06/2020	Air Volume:1051 Liters
Sample Description: AMS2 110620		Matrix: PVC Filter - prewei	
Analyte	Total Mass	Concentration	
Total Particulates	150 μg	$0.15\mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	0.018 μg	$0.000017 mg/m^3$	
Lab ID: 2002546-23 Sample ID: 4076-2344		Date Sampled: 11/06/2020	Air Volume:1039 Liters
Sample Description: AMS3 110620		Matrix: PVC Filter - prewei	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.096 \mathrm{mg/m^3}$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000099 \text{mg/m}^3$	
Lab ID: 2002546-24 Sample ID: 4076-2348		Date Sampled: 11/06/2020	Air Volume:1043 Liters
Sample Description: AMS4 110620		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	$<$ 100 μg	$< 0.096 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000098 \ mg/m^3$	
	Page 3 of 4		

Lab ID: 2002546-25 Sample ID: 4076-2353 Date Sampled: 11/09/2020 Air Volume:10522 Liters

Sample Description: AMS5 110920 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates $150 \,\mu g$ $0.014 \,m g/m^3$

Chromium (VI) Compounds, as Cr (OSHA) $0.037 \,\mu g$ $0.0000035 \,m g/m^3$

Lab ID: 2002546-26 Sample ID: 4076-2343 Date Sampled: Not Provided

Sample Description: Blank Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>

Lab ID: 2002546-27 Sample ID: 4076-2362 Date Sampled: Not Provided
Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

Chromium (VI) Compounds, as Cr (OSHA)

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	11/18/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	11/11/2020	SKP

 $0.010 \mu g$

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N.A. = Not Applicable

<u>Key</u>

Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million

For Greater than μg milligrams $\mu g/m^3$ milligrams per cubic meter ppb parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002602

Date Received: 11/17/2020 Date Reported: 11/25/2020

Location: Site 174

Lab ID: 2002602-01 Sample ID: 4076-2168		Date Sampled: 11/09/2020	Air Volume:922 Liters
Sample Description: AMS1 110920		Matrix: PVC Filter - preweig	ghed
Analyte	Total Mass	Concentration	

Total Particulates < 100 μg < 0.11 mg/m^3 Chromium (VI) Compounds, as Cr (OSHA) 0.016 μg 0.000018 mg/m^3

Lab ID: 2002602-02 Sample ID: 4076-2341	Date Sampled: 11/09/2020 Air Volume:1007 Liters
Sample Description: AMS2 110920	Matrix: PVC Filter - preweighed

<u>Analyte</u>	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.099 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$

Lab ID: 2002602-03 Sample ID: 4076-2351	Date Sampled: 11/09/2020 Air Volume:1216 Liters
Sample Description: AMS3 110920	Matrix: PVC Filter - preweighed

<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.082 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	$< 0.010~\mu g$	$< 0.0000085 mg/m^3$

Lab ID: 2002602-04 Sample ID: 4076-2352	Date Sampled: 11/09/2020 Air Volume:1023 Liters
Sample Description: AMS4 110920	Matrix: PVC Filter - preweighed

<u>Analyte</u>	To	tal Mass		Concentration
Total Particulates	<	100 μg	<	$0.098mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	<	$0.010~\mu g$	<	$0.000010mg/m^{3}$

Lab ID: 2002602-05 Sample ID: 4076-2165	Date Sampled: 11/10/2020 Air Volume:2837 Liters
Sample Description: AMS5 111020	Matrix: PVC Filter - preweighed

<u>Analyte</u>	<u>To</u>	otal Mass	Concentration
Total Particulates	<	100 µg	$< 0.035 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	<	$0.010~\mu g$	$< 0.0000036 mg/m^3$

Lab ID: 2002602-06 Sample ID: 4076-2364	Date Sampled: 11/10/2020 Air Volume:1418 Liters
Sample Description: AMS1 111020	Matrix: PVC Filter - preweighed

<u>Analyte</u>	<u>To</u> 1	tal Mass		Concentration
Total Particulates	<	$100 \mu g$	<	$0.071\mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	<	$0.010~\mu g$	<	0.0000073 mg/m^3

Lab ID: 2002602-07	Sample ID: 4076-2360	Date Sampled: 11/10/2020	Air Volume: 1045 Liters
Sample Description:	AMS2 111020	Matrix: PVC Filter - prewei	ghed

<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	$<$ 100 μg	$< 0.096 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$< 0.010~\mu \mathrm{g}$	$< 0.0000099 \text{mg/m}^3$	

	Date Sampled: 11/10/2020 Air Volume:1028 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.097 \text{mg/m}^3$
	< 0.000010 mg/m ³
0.010 μg	oloooto mg m
	Date Sampled: 11/10/2020 Air Volume:1054 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.095 \text{mg/m}^3$
$<$ 0.010 μg	$< 0.0000098 \text{ mg/m}^3$
	Date Sampled: 11/11/2020 Air Volume:2399 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.042 mg/m^3$
$<$ 0.010 μg	$< 0.0000043 \text{ mg/m}^3$
	Date Sampled: 11/12/2020 Air Volume:1472 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.068 mg/m^3$
$<$ 0.010 μg	$< 0.0000070 \text{ mg/m}^3$
	Date Sampled: 11/12/2020 Air Volume:1002 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
< 100 μg	$< 0.10 \mathrm{mg/m^3}$
< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
	Date Sampled: 11/12/2020 Air Volume:999 Liters
m / 134	Matrix: PVC Filter - preweighed
<u></u>	<u>Concentration</u>
	< 0.10 mg/m ³
< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
	Date Sampled: 11/12/2020 Air Volume:1014 Liters
GD 4 3 3 4	Matrix: PVC Filter - preweighed
<u>-</u>	Concentration
	< 0.099 mg/m³
< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
	Date Sampled: 11/13/2020 Air Volume:3151 Liters
	Matrix: PVC Filter - preweighed
<u>-</u>	<u>Concentration</u>
	$< 0.032 \text{mg/m}^3$
< 0.010 μg	$< 0.0000033 \text{ mg/m}^3$
	Date Sampled: 11/13/2020 Air Volume:1379 Liters
	Matrix: PVC Filter - preweighed
Total Mass	Concentration
	Total Mass < 100 μg < 0.010 μg < 0.010 μg < 100 μg < 0.010 μg

Page 2 of 4

Total Particulates < 100 μg < 0.073 mg/m^3 Chromium (VI) Compounds, as Cr (OSHA) < 0.010 μg < 0.0000075 mg/m^3

Lab ID: 2002602-17 Sample ID: 4076-0689 Date Sampled: 11/13/2020 Air Volume:933 Liters
Sample Description: AMS2 111320 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Total Particulates $< 100 \,\mu g < 0.11 \,mg/m^3$ Chromium (VI) Compounds, as Cr (OSHA) $< 0.010 \,\mu g < 0.000011 \,mg/m^3$

Lab ID: 2002602-18 Sample ID: 4076-0690 Date Sampled: 11/13/2020 Air Volume:954 Liters Sample Description: AMS3 111320 Matrix: PVC Filter - preweighed

Lab ID: 2002602-19 Sample ID: 4076-0688 Date Sampled: 11/13/2020 Air Volume:945 Liters
Sample Description: AMS4 111320 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Total Particulates $$<$100\,\mu g$$ $$<$0.11\,m g/m^3$$ Chromium (VI) Compounds, as Cr (OSHA) $$<$0.010\,\mu g$$ $$<$0.000011\,m g/m^3$$

Lab ID: 2002602-20 Sample ID: 4076-0692 Date Sampled: 11/16/2020 Air Volume:8734 Liters

Sample Description: AMS5 111620 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Total Particulates $120 \ \mu g \qquad 0.014 \ mg/m^3$ Chromium (VI) Compounds, as Cr (OSHA) $0.029 \ \mu g \qquad 0.0000033 \ mg/m^3$

Lab ID: 2002602-21 Sample ID: 4076-0682 Date Sampled: Not Provided

Sample Description: Blank Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>

Chromium (VI) Compounds, as Cr (OSHA) $< 0.010 \,\mu g$

Lab ID: 2002602-22 Sample ID: 4076-0683 Date Sampled: Not Provided

Sample Description: Blank Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>

Chromium (VI) Compounds, as Cr (OSHA) < 0.010 μg

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Media Type MRL Analytical Method Analysis Date Analyst 0.010 μg 11/24/2020 Chromium (VI) Compounds, as Cr (OSHA) PVC Filter - preweighed TIC-IC-07: Modified OSHA ID 215 JAF 11/18/2020 Total Particulates PVC Filter - preweighed 100 µg TIC-GRV-01: NIOSH 0500 GA

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N.A. = Not Applicable

Key

Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million

For Greater than μg milligrams $\mu g/m^3$ milligrams per cubic meter ppb parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002665

Date Received: 11/30/2020 12/09/2020 Date Reported:

Location: Site 174

· ·	Loca	tion. Site 1/4
Matt Luppino Emilcott Associates		
Lab ID: 2002665-01 Sample ID: 4076-0681		Date Sampled: 11/16/2020 Air Volume:1146 Liters
Sample Description: AMS1 111620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.087 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000090 \text{ mg/m}^3$
Lab ID: 2002665-02 Sample ID: 4076-0686		Date Sampled: 11/16/2020 Air Volume:993 Liters
Sample Description: AMS2 111620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002665-03 Sample ID: 4076-0680		Date Sampled: 11/16/2020 Air Volume:971 Liters
Sample Description: AMS3 111620	T (134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2002665-04 Sample ID: 4076-0685		Date Sampled: 11/16/2020 Air Volume:1019 Liters
Sample Description: AMS4 111620	T (134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.098 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002665-05 Sample ID: 4076-0687		Date Sampled: 11/17/2020 Air Volume:2956 Liters
Sample Description: AMS5 111720	Total Mass	Matrix: PVC Filter - preweighed
Analyte Total Particulates		Concentration < 0.034 mg/m³
	200 178	8
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000035 \text{ mg/m}^3$
Lab ID: 2002665-06 Sample ID: 4076-0677		Date Sampled: 11/17/2020 Air Volume:1118 Liters
Sample Description: AMS1 111720 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	<u> </u>	< 0.089 mg/m ³
		· ·
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000092 \text{ mg/m}^3$
Lab ID: 2002665-07 Sample ID: 4076-0676		Date Sampled: 11/17/2020 Air Volume:966 Liters
Sample Description: AMS2 111720	T-4-13#	Matrix: PVC Filter - preweighed
Analyte Table 1.1	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$

Page 1 of 4

Lab ID: 2002665-08 Sample ID: 4076-0684		Date Sampled: 11/17/2020 Air Volume:963 Liters
Sample Description: AMS3 111720	Total Mass	Matrix: PVC Filter - preweighed
Analyte Total Particulates	<u></u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002665-09 Sample ID: 4076-0678		Date Sampled: 11/17/2020 Air Volume:1047 Liter
Sample Description: AMS4 111720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.096 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000098 \mathrm{mg/m^3}$
Lab ID: 2002665-10 Sample ID: 4076-0679 Sample Description: AMS5 111820		Date Sampled: 11/18/2020 Air Volume:3002 Liter Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.033 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000034 \mathrm{mg/m^3}$
Lab ID: 2002665-11 Sample ID: 4076-0672 Sample Description: AMS1 111820		Date Sampled: 11/18/2020 Air Volume:1437 Liter Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.070 mg/m ³
	1.6	· ·
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000072 \text{ mg/m}^3$
Lab ID: 2002665-12 Sample ID: 4076-0673		Date Sampled: 11/18/2020 Air Volume:993 Liters
Sample Description: AMS2 111820 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
		· ·
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2002665-13 Sample ID: 4076-0671 Sample Description: AMS3 111820		Date Sampled: 11/18/2020 Air Volume:955 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.000011 mg/m³
Cinomium (v1) Compounds, as Ci (OSTA)	< 0.010 μg	 0.000011 IIIg/III⁻
Lab ID: 2002665-14 Sample ID: 4076-0675		Date Sampled: 11/18/2020 Air Volume:1035 Liter
Sample Description: AMS4 111820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.097 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000099 \mathrm{mg/m^3}$
Lab ID: 2002665-15 Sample ID: 4076-0674		Date Sampled: 11/19/2020 Air Volume:3015 Liter
Sample Description: AMS5 111920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.033 mg/m^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000034 \text{mg/m}^3$
Lab ID: 2002665-16 Sample ID: 4076-0718		Date Sampled: 11/19/2020 Air Volume:1413 Liter
Sample Description: AMS1 111920		Matrix: PVC Filter - preweighed

<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.071 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000073 mg/m ³	
Lab ID: 2002665-17 Sample ID: 4076-0715		Date Sampled: 11/19/2020 Air Vol	ume:1000 Liters
Sample Description: AMS2 111920		Matrix: PVC Filter - preweighed	ume.1000 Liters
Analyte	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.10 mg/m^3$	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2002665-18 Sample ID: 4076-0716		Date Sampled: 11/19/2020 Air Vol	ume:955 Liters
Sample Description: AMS3 111920		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2002665-19 Sample ID: 4076-0717		Date Sampled: 11/19/2020 Air Vol	ume:999 Liters
Sample Description: AMS4 111920		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2002665-20 Sample ID: 4076-0719		Date Sampled: 11/20/2020 Air Vol	ume:3025 Liters
Sample Description: AMS5 112020		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	< 100 μg	$< 0.033 \text{mg/m}^3$	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000034 \text{mg/m}^3$	
Lab ID: 2002665-21 Sample ID: 4076-0670		•	ume:1427 Liters
Sample Description: AMS1 112020	T-4-LM	Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.070 mg/m³	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000072 \text{ mg/m}^3$	
Lab ID: 2002665-22 Sample ID: 4076-0714		Date Sampled: 11/20/2020 Air Vol	ume:1040 Liters
Sample Description: AMS2 112020		Matrix: PVC Filter - preweighed	
<u>Analyte</u>	<u>Total Mass</u>	Concentration	
Total Particulates	100	$< 0.096 \mathrm{mg/m^3}$	
	< 100 μg	0.070 mg/m	
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000099 mg/m ³	
Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002665-23 Sample ID: 4076-0711 Sorrelle Descriptions AMS3 112020		< 0.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol	ume:1024 Liters
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020		< 0.0000099 mg/m ³	ume:1024 Liters
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte	< 0.010 μg Total Mass	 0.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed Concentration 	ume:1024 Liters
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte Total Particulates	< 0.010 μg Total Mass < 100 μg	 0.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed Concentration 0.098 mg/m³ 	ume:1024 Liters
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte Total Particulates	< 0.010 μg Total Mass	 0.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed Concentration 	ume:1024 Liters
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002665-24 Sample ID: 4076-0712	< 0.010 μg Total Mass < 100 μg	 0.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed Concentration 0.098 mg/m³ 0.000010 mg/m³ Date Sampled: 11/20/2020 Air Vol 	ume:1024 Liters
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002665-24 Sample ID: 4076-0712 Sample Description: AMS4 112020	 0.010 μg Total Mass 100 μg 0.010 μg 	 0.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed Concentration 0.098 mg/m³ 0.000010 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed 	
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002665-24 Sample ID: 4076-0712 Sample Description: AMS4 112020 Analyte	 < 0.010 μg Total Mass < 100 μg < 0.010 μg Total Mass	O.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol. Matrix: PVC Filter - preweighed Concentration 0.098 mg/m³ 0.000010 mg/m³ Date Sampled: 11/20/2020 Air Vol. Matrix: PVC Filter - preweighed Concentration	
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002665-24 Sample ID: 4076-0712 Sample Description: AMS4 112020 Analyte Total Particulates	 < 0.010 μg Total Mass < 100 μg < 0.010 μg Total Mass < 100 μg 	O.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed Concentration 0.098 mg/m³ 0.000010 mg/m³ Date Sampled: 11/20/2020 Air Vol Matrix: PVC Filter - preweighed Concentration Concentration 0.094 mg/m³	
Lab ID: 2002665-23 Sample ID: 4076-0711 Sample Description: AMS3 112020 Analyte Total Particulates Chromium (VI) Compounds, as Cr (OSHA) Lab ID: 2002665-24 Sample ID: 4076-0712 Sample Description: AMS4 112020 Analyte	 < 0.010 μg Total Mass < 100 μg < 0.010 μg Total Mass	O.0000099 mg/m³ Date Sampled: 11/20/2020 Air Vol. Matrix: PVC Filter - preweighed Concentration 0.098 mg/m³ 0.000010 mg/m³ Date Sampled: 11/20/2020 Air Vol. Matrix: PVC Filter - preweighed Concentration	

Lab ID: 2002665-25 Sample ID: 4076-0713 Date Sampled: 11/23/2020 Air Volume:8941 Liters Sample Description: AMS5 112320 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.011 \,m g/m^3$ Chromium (VI) Compounds, as Cr (OSHA)< $0.010 \,\mu g$ < $0.0000012 \,m g/m^3$

Lab ID: 2002665-26 Sample ID: 4076-0699 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Lab ID: 2002665-27 Sample ID: 4076-0704 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

OA Director

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	12/08/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	12/03/2020	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Key
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 > Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

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Approved by: Josef Chrzanowski Marcel 7. Baril
Tom Surveski Josef Chrzanowski Marcel F. Baril

Page 4 of 4

IH Laboratory Director

2nd Vice President



Carey Wu

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Phone: 1-800-842-0355 FAX: 1-860-687-7430

AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002681

Date Received: 12/02/2020 12/11/2020 Date Reported:

Location: Site 174

Matt Luppino	200	
Emilcott Associates		
Lab ID: 2002681-01 Sample ID: 4076-0706		Date Sampled: 11/23/2020 Air Volume:1122 Liters
Sample Description: AMS1 112320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.089 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000092 \text{ mg/m}^3$
Lab ID: 2002681-02 Sample ID: 4076-0708		Date Sampled: 11/23/2020 Air Volume:1018 Liters
Sample Description: AMS2 112320	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.098 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002681-03 Sample ID: 4076-0710		Date Sampled: 11/23/2020 Air Volume:978 Liters
Sample Description: AMS3 112320	W + 125	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002681-04 Sample ID: 4076-0709		Date Sampled: 11/23/2020 Air Volume:1009 Liters
Sample Description: AMS4 112320	W + 125	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2002681-05 Sample ID: 4076-0707		Date Sampled: 11/24/2020 Air Volume:2844 Liters
Sample Description: AMS5 112420	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.035 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2002681-06 Sample ID: 4076-0700 Sample Description: AMS1 112420		Date Sampled: 11/24/2020 Air Volume:1634 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.061 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000063 \text{ mg/m}^3$
Lab ID: 2002681-07 Sample ID: 4076-0703		Date Sampled: 11/24/2020 Air Volume:1109 Liters
Sample Description: AMS2 112420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.090 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	$< 0.010 \mu g$	$< 0.0000093 mg/m^3$
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Lab ID: 2002681-08 Sample ID: 4076-0696 Sample Description: AMS3 112420		Date Sampled: 11/24/2020 Air Volume:1157 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.086 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	< 0.0000089 mg/m ³
emoman (vi) compounds, as of (ostili)	0.010 µg	olooodo ing m
Lab ID: 2002681-09 Sample ID: 4076-0697		Date Sampled: 11/24/2020 Air Volume:1179 Liters
Sample Description: AMS4 112420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.085 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000087 mg/m^3$
Lab ID: 2002681-10 Sample ID: 4076-0695		Date Sampled: 11/25/2020 Air Volume:2818 Liters
Sample Description: AMS5 112520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.035 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2002681-11 Sample ID: 4076-0742		Date Sampled: 11/25/2020 Air Volume:1043 Liters
Sample Description: AMS1 112520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.096 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.0000099 \mathrm{mg/m^3}$
Lab ID: 2002681-12 Sample ID: 4076-0702		Date Sampled: 11/25/2020 Air Volume:728 Liters
Sample Description: AMS2 112520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.14 mg/m ³
Chromium (VI) Compounds, as Cr (OSHA)	$<$ 0.010 μg	$< 0.000014 mg/m^3$
Lab ID: 2002681-13 Sample ID: 4076-0701		Date Sampled: 11/25/2020 Air Volume:725 Liters
Sample Description: AMS3 112520	T . 116	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.14 \mathrm{mg/m^3}$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000014 \text{mg/m}^3$
Lab ID: 2002681-14 Sample ID: 4076-0698		Date Sampled: 11/25/2020 Air Volume:743 Liters
Sample Description: AMS4 112520		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.13 \text{ mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.000014 \text{mg/m}^3$
Lab ID: 2002681-15 Sample ID: 4076-0705		Date Sampled: 11/26/2020 Air Volume:3072 Liters
Sample Description: AMS5 112620	m	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.033 \text{mg/m}^3$
Chromium (VI) Compounds, as Cr (OSHA)	< 0.010 μg	$< 0.0000033 \text{mg/m}^3$
Lab ID: 2002681-16 Sample ID: 4076-0738		Date Sampled: Not Provided
Sample Description: Blank		Matrix: PVC Filter - preweighed

<u>Analyte</u> <u>Total Mass</u>

Total Particulates < 100 μg

Chromium (VI) Compounds, as Cr (OSHA) < 0.010 μg

Lab ID: 2002681-17 Sample ID: 4076-0740 Date Sampled: Not Provided

Sample Description: Blank Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium (VI) Compounds, as Cr (OSHA)
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

mg

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium (VI) Compounds, as Cr (OSHA)	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	12/09/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	12/04/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Greater than

 Key

 <</td>
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic

milligrams

micrograms per cubic meter ppm parts per million milligrams per cubic meter ppb parts per billion

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Approved by: 7om Surveski

Tom Surveski OA Director **Josef Chrzanowski** Josef Chrzanowski

Josef Chrzanowski IH Laboratory Director <u> Marcel 7. Baril</u>



Carey Wu

Emilcott Associates 25 B Vreeland Road

FLORHAM PARK, NJ 07932

Total Particulates

Chromium VI Compounds, as Cr

90 Lamberton Road, Windsor CT 06095

Phone: 1-800-842-0355 FAX: 1-860-687-7430

AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002723

Date Received: 12/08/2020 Date Reported: 12/15/2020

Location: Site 174

	Loca	tion. Site 1/4
Matt Luppino Emilcott Associates		
Lab ID: 2002723-01 Sample ID: 4076-0743		Date Sampled: 11/30/2020 Air Volume:1542 Liters
Sample Description: AMS1 113020		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.065 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000066 mg/m ³
emonium vi compounds, us ci	0.010 μg	o.coccomp in
Lab ID: 2002723-02 Sample ID: 4076-0744		Date Sampled: 11/30/2020 Air Volume:1022 Liters
Sample Description: AMS2 113020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.098 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002723-03 Sample ID: 4076-0745		Date Sampled: 11/30/2020 Air Volume:1014 Liters
Sample Description: AMS3 113020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<~0.010~\mu g$	$< 0.000010 mg/m^3$
Lab ID: 2002723-04 Sample ID: 4076-0741		Date Sampled: 11/30/2020 Air Volume:1045 Liters
Sample Description: AMS4 113020		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000097 mg/m ³
,		
Lab ID: 2002723-05 Sample ID: 4076-0739		Date Sampled: 12/01/2020 Air Volume:2815 Liters
Sample Description: AMS5 120120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.036 mg/m ³
Chromium VI Compounds, as Cr	0.016 μg	$0.0000056\mathrm{mg/m^3}$
Lab ID: 2002723-06 Sample ID: 4076-0736		Date Sampled: 12/01/2020 Air Volume:1348 Liters
Sample Description: AMS1 120120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.074 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000076 \mathrm{mg/m^3}$
Lab ID: 2002723-07 Sample ID: 4076-0734		Date Sampled: 12/01/2020 Air Volume:984 Liters
Sample Description: AMS2 120120		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration

Page 1 of 4

<

 $0.10\,mg/m^{\scriptscriptstyle 3}$

 $0.000010\,mg/m^3$

2002723 Laboratory Number:

 $100 \, \mu g$

 $0.010 \, \mu g$

Lab ID: 2002723-08 Sample ID: 4076-0733 Sample Description: AMS3 120120		Date Sampled: 12/01/2020 Air Volume:968 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
	. 5	C
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2002723-09 Sample ID: 4076-0732		Date Sampled: 12/01/2020 Air Volume:1001 Liters
Sample Description: AMS4 120120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2002723-10 Sample ID: 4076-0737		Date Sampled: 12/02/2020 Air Volume:2897 Liters
Sample Description: AMS5 120220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	0.012 μg	$0.0000042mg/m^3$
Lab ID: 2002723-11 Sample ID: 4076-0730		Date Sampled: 12/02/2020 Air Volume:1391 Liters
Sample Description: AMS1 120220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.072 \text{ mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000073 \text{mg/m}^3$
Lab ID: 2002723-12 Sample ID: 4076-0729		Date Sampled: 12/02/2020 Air Volume:981 Liters
Sample Description: AMS2 120220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002723-13 Sample ID: 4076-0728		Date Sampled: 12/02/2020 Air Volume:958 Liters
Sample Description: AMS3 120220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002723-14 Sample ID: 4076-0727		Date Sampled: 12/02/2020 Air Volume:1003 Liters
Sample Description: AMS4 120220		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002723-15 Sample ID: 4076-0731		Date Sampled: 12/03/2020 Air Volume:2932 Liters
Sample Description: AMS5 120320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000035 mg/m^3$
Lab ID: 2002723-16 Sample ID: 4076-0726		Date Sampled: 12/03/2020 Air Volume:1377 Liters
Sample Description: AMS1 120320		Matrix: PVC Filter - preweighed

<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.073 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000074 \text{mg/m}^3$
Lab ID: 2002723-17 Sample ID: 4076-0720		Date Sampled: 12/03/2020 Air Volume:904 Liters
Sample Description: AMS2 120320		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2002723-18 Sample ID: 4076-0721 Sample Description: AMS3 120320		Date Sampled: 12/03/2020 Air Volume:909 Liters
Sample Description: AMS3 120320 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000011 mg/m ³
Lab ID: 2002723-19 Sample ID: 4076-0725		Date Sampled: 12/03/2020 Air Volume:936 Liters
Sample Description: AMS4 120320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$
Chromium VI Compounds, as Cr	0.012 μg	0.000012 mg/m^3
Lab ID: 2002723-20 Sample ID: 4076-0722		Date Sampled: 12/04/2020 Air Volume:2929 Liters
Sample Description: AMS5 120420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	0.018 μg	0.0000063 mg/m^3
Lab ID: 2002723-21 Sample ID: 4076-0771		Date Sampled: 12/04/2020 Air Volume:1359 Liters
Sample Description: AMS1 120420 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	- 100 μg	< 0.074 mg/m³
		<u>-</u>
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000075 mg/m ³
Lab ID: 2002723-22 Sample ID: 4076-0723 Sample Description: AMS2 120420		Date Sampled: 12/04/2020 Air Volume:976 Liters Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.10\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002723-23 Sample ID: 4076-0724		Date Sampled: 12/04/2020 Air Volume:967 Liters
Sample Description: AMS3 120420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000011 mg/m ³
Lab ID: 2002723-24 Sample ID: 4076-0769		Date Sampled: 12/04/2020 Air Volume:990 Liters
Sample Description: AMS4 120420 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - preweighed Concentration
	- 100 μg	< 0.10 mg/m³
	\ 100 μg	\ 0.10 mg/m
Total Particulates	0.012	0.000012 ~/3
Chromium VI Compounds, as Cr	0.013 μg Page 3 of 4	0.000013mg/m^3

Lab ID: 2002723-25 Sample ID: 4076-0770 Date Sampled: 12/07/2020 Air Volume:9186 Liters Sample Description: AMS5 120720 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.011 \,m g/m^3$ Chromium VI Compounds, as Cr< $0.010 \,\mu g$ < $0.0000011 \,m g/m^3$

Lab ID: 2002723-26 Sample ID: 4076-0762 Date Sampled: Not Provided Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Lab ID: 2002723-27 Sample ID: 4076-0763 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium VI Compounds, as Cr	PVC Filter - preweighed	$0.010\;\mu g$	TIC-IC-07: Modified OSHA ID 215	12/14/2020	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	12/10/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

< Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million > Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002805

Date Received: 12/16/2020 Date Reported: 12/30/2020

Location: Site 174

Lab ID: 2002805-01 Sample ID: 4076-0766		Date Sampled: 12/07/2020 Air Volume:1356 Liters
Sample Description: AMS1 120720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.074 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$< 0.010 \ \mu g$	$< 0.0000076 \mathrm{mg/m^3}$

Lab ID: 2002805-02 Sample ID: 4076-0767			Date Sai	mpled: 12/07/2020 Air Volume:977 Liters
Sample Description: AMS2 120720			Matrix:	PVC Filter - preweighed
Analyte	<u>T</u>	otal Mass		Concentration
Total Particulates	<	100 μg	<	$0.10\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	<	$0.010~\mu g$	<	0.000011 mg/m^3

Lab ID: 2002805-03 Sample ID: 4076-0765		Date Sampled: 12/07/2020 Air Volume:976 Liters	
Sample Description: AMS3 120720		Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	_
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$	

Lab ID: 2002805-04 Sample ID: 4076-0764		Date Sampled: 12/07/2020 Air Volume:1010 Liters
Sample Description: AMS4 120720		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$

Lab ID: 2002805-05 Sample ID: 4076-0768		Date Sampled: 12/08/2020 Air Volume:2837 Liters
Sample Description: AMS5 120820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000036 mg/m^3$

Lab ID: 2002805-06 Sample ID: 4076-0759		Date Sampled: 12/08/2020 Air Volume:1502 Liters
Sample Description: AMS1 120820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.067 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000068 \text{mg/m}^3$

Lab ID: 2002805-07 Sample ID: 4076-0758			Date San	npled: 12/08/2020 Air Volume:937 Liters
Sample Description: AMS2 120820			Matrix:	PVC Filter - preweighed
Analyte	<u>Total</u>	Mass		Concentration
Total Particulates	<	100 μg	<	0.11 mg/m^3
Chromium VI Compounds, as Cr	< 0).010 μg	<	$0.000011 mg/m^3$

Lab ID: 2002805-08 Sample ID: 4076-0757		Date Sampled: 12/08/2020 Air Volume:936 Liters
Sample Description: AMS3 120820		Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002805-09 Sample ID: 4076-0761		Date Sampled: 12/08/2020 Air Volume:973 Liters
Sample Description: AMS4 120820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μ g	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	< 0.000011 mg/m ³
Lab ID: 2002805-10 Sample ID: 4076-0760		Date Sampled: 12/09/2020 Air Volume:3055 Liters
Sample Description: AMS5 120920	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.033 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000034 \mathrm{mg/m^3}$
Lab ID: 2002805-11 Sample ID: 4076-0753		Date Sampled: 12/09/2020 Air Volume:1436 Liters
Sample Description: AMS1 120920	W + 125	Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.070\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000072 \mathrm{mg/m^3}$
Lab ID: 2002805-12 Sample ID: 4076-0752		Date Sampled: 12/09/2020 Air Volume:943 Liters
Sample Description: AMS2 120920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002805-13 Sample ID: 4076-0754		Date Sampled: 12/09/2020 Air Volume:891 Liters
Sample Description: AMS3 120920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000012 \text{mg/m}^3$
Lab ID: 2002805-14 Sample ID: 4076-0751		Date Sampled: 12/09/2020 Air Volume:945 Liters
Sample Description: AMS4 120910	m . 125	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002805-15 Sample ID: 4076-0755		Date Sampled: 12/10/2020 Air Volume:2847 Liters
Sample Description: AMS5 121020	/ID / 3 3 4	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2002805-16 Sample ID: 4076-0746		Date Sampled: 12/10/2020 Air Volume:1355 Liters
Sample Description: AMS1 121020		Matrix: PVC Filter - preweighed

<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.074 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000076 \mathrm{mg/m^3}$
Lab ID: 2002805-17 Sample ID: 4076-0750		Date Sampled: 12/10/2020 Air Volume:933 Liters
Sample Description: AMS2 121020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002805-18 Sample ID: 4076-5781		Date Sampled: 12/10/2020 Air Volume:961 Liters
Sample Description: AMS3 121020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2002805-19 Sample ID: 4076-0747		Date Sampled: 12/10/2020 Air Volume:904 Liters
Sample Description: AMS4 121020		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002805-20 Sample ID: 4076-0749		Date Sampled: 12/11/2020 Air Volume:2881 Liters
Sample Description: AMS5 121120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2002805-21 Sample ID: 4076-5779		Date Sampled: 12/11/2020 Air Volume:1453 Liters
Sample Description: AMS1 121120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.069 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000071 \text{ mg/m}^3$
Lab ID: 2002805-22 Sample ID: 4076-5778		Date Sampled: 12/11/2020 Air Volume:998 Liters
Sample Description: AMS2 121120		Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2002805-23 Sample ID: 4076-5782		Date Sampled: 12/11/2020 Air Volume:986 Liters
Sample Description: AMS3 121120	T-4-134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2002805-24 Sample ID: 4076-5777		Date Sampled: 12/11/2020 Air Volume:1006 Liters
Sample Description: AMS4 121120	T (134	Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	<u>Concentration</u>
F (1 D () 1 (/ 100	$< 0.099 \text{mg/m}^3$
	< 100 μg	δ
Total Particulates Chromium VI Compounds, as Cr	< 0.010 μg Page 3 of 4	< 0.000010 mg/m ³

Lab ID: 2002805-25 Sample ID: 4076-5783 Date Sampled: 12/14/2020 Air Volume:8748 Liters Sample Description: AMS5 121420 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.011 \,m g/m^3$ Chromium VI Compounds, as Cr< $0.010 \,\mu g$ < $0.0000012 \,m g/m^3$

Lab ID: 2002805-26 Sample ID: 4076-5768 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>Chromium VI Compounds, as Cr< 0.010 μg</td>

Lab ID: 2002805-27 Sample ID: 4076-5769 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Folder Comments:

The particulate sample results have been blank corrected.

The chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium VI Compounds, as Cr	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	12/27/2020	AWD
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	12/22/2020	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

< Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million > Greater than mg milligrams mg/m^3 milligrams per cubic meter ppb parts per billion

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Chromium VI Compounds, as Cr

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AIHA-LAP, LLC Accredited Laboratory ID 100126

 $0.000010 \, \text{mg/m}^3$

Laboratory Number: 2002869

Date Received: 12/23/2020 Date Reported: 12/30/2020

Location: Site 174

Lab ID: 2002869-01 Sample ID: 4076-5775 Date Sampled: 12/14/2020 Air Volume:1423 Liters
Sample Description: AMS1 121420 Matrix: PVC Filter, provided

Sample Description: AMS1 121420 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates $< 100 \,\mu g$ $< 0.070 \,m g/m^3$ Chromium VI Compounds, as Cr $< 0.010 \,\mu g$ $< 0.0000071 \,m g/m^3$

Lab ID: 2002869-02 Sample ID: 4076-6071 Date Sampled: 12/14/2020 Air Volume:650 Liters

Sample Description: AMS2 121420 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.15 \,m g/m^3$ Chromium VI Compounds, as Cr< $0.010 \,\mu g$ < $0.000016 \,m g/m^3$

Lab ID: 2002869-03 Sample ID: 4076-5771 Date Sampled: 12/14/2020 Air Volume:965 Liters Sample Description: AMS3 121420 Matrix: PVC Filter - preweighed

Lab ID: 2002869-04 Sample ID: 4076-5773 Date Sampled: 12/14/2020 Air Volume:977 Liters

 $0.010 \mu g$

Sample Description: AMS4 121420 Matrix: PVC Filter - preweighed

 $\begin{array}{c|cccc} \underline{\textbf{Analyte}} & \underline{\textbf{Total Mass}} & \underline{\textbf{Concentration}} \\ \text{Total Particulates} & < 100 \, \mu\text{g} & < 0.10 \, \text{mg/m}^3 \\ \text{Chromium VI Compounds, as Cr} & < 0.010 \, \mu\text{g} & < 0.000010 \, \text{mg/m}^3 \\ \end{array}$

Lab ID: 2002869-05 Sample ID: 4076-5774 Date Sampled: 12/15/2020 Air Volume:2916 Liters

Sample Description: AMS5 121520 Matrix: PVC Filter - preweighed

Lab ID: 2002869-06 Sample ID: 4076-5764 Date Sampled: 12/15/2020 Air Volume:1389 Liters

Sample Description: AMS1 121520 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Total Particulates $< 100 \, \mu g < 0.072 \, mg/m^3$ Chromium VI Compounds, as Cr $< 0.010 \, \mu g < 0.0000073 \, mg/m^3$

Lab ID: 2002869-07 Sample ID: 4076-5759 Date Sampled: 12/15/2020 Air Volume:780 Liters

Sample Description: AMS2 121520 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.13 \,m g/m^3$ Chromium VI Compounds, as Cr< $0.010 \,\mu g$ < $0.000013 \,m g/m^3$

Lab ID: 2002869-08 Sample ID: 4076-5767		Date Sampled: 12/15/2020 Air Volume:882 Liters
Sample Description: AMS3 121520		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000011 mg/m³
momum vi Compounds, as Ci	< 0.010 μg	0.000011 mg/m²
ab ID: 2002869-09 Sample ID: 4076-5766		Date Sampled: 12/15/2020 Air Volume:1024 Liters
Sample Description: AMS4 121520		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Cotal Particulates	< 100 μg	$< 0.098 mg/m^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000099 \text{ mg/m}^3$
Lab ID: 2002869-10 Sample ID: 4076-5765		Date Sampled: 12/16/2020 Air Volume:3013 Liters
Sample Description: AMS5 121620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.033 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000034 \text{ mg/m}^3$
Lab ID: 2002869-11 Sample ID: 4076-5760		Date Sampled: 12/16/2020 Air Volume:1378 Liters
Sample Description: AMS1 121620		Matrix: PVC Filter - preweighed
<u>nalyte</u>	Total Mass	Concentration
otal Particulates	< 100 μg	$< 0.073 \text{mg/m}^3$
hromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000073 \text{ mg/m}^3$
Lab ID: 2002869-12 Sample ID: 4076-5761		Date Sampled: 12/16/2020 Air Volume:922 Liters
Sample Description: AMS2 121620		Matrix: PVC Filter - preweighed
<u>analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	0.012 μg	0.000013 mg/m^3
Lab ID: 2002869-13 Sample ID: 4076-5762		Date Sampled: 12/16/2020 Air Volume:908 Liters
Sample Description: AMS3 121620		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Cotal Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$0.010~\mu \mathrm{g}$	0.000011 mg/m^3
Lab ID: 2002869-14 Sample ID: 4076-5756		Date Sampled: 12/16/2020 Air Volume:959 Liters
ample Description: AMS4 121620		Matrix: PVC Filter - preweighed
<u>analyte</u>	Total Mass	Concentration
otal Particulates	< 100 μg	$< 0.10\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	$<~0.010~\mu g$	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002869-15 Sample ID: 4076-5763		Date Sampled: 12/17/2020 Air Volume:3033 Liters
Sample Description: AMS5 121720		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.033 mg/m^3$
Chromium VI Compounds, as Cr	0.014 μg	0.0000045 mg/m^3
Lab ID: 2002869-16 Sample ID: 4076-5804		Date Sampled: 12/18/2020 Air Volume:1300 Liters
Sample Description: AMS1 121820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration

Page 2 of 4

Total Particulates < 100 μg < 0.077 mg/m^3 Chromium VI Compounds, as Cr < 0.010 μg < 0.0000078 mg/m^3

Lab ID: 2002869-17Sample ID: 4076-5757Date Sampled: 12/18/2020Air Volume:886 LitersSample Description:AMS2 121820Matrix: PVC Filter - preweighedAnalyteTotal MassConcentration

Total Particulates < 100 μg < 0.11 mg/m^3 Chromium VI Compounds, as Cr < 0.010 μg < 0.000011 mg/m^3

Lab ID: 2002869-18 Sample ID: 4076-5796 Date Sampled: 12/18/2020 Air Volume:813 Liters Sample Description: AMS3 121820 Matrix: PVC Filter - preweighed

Lab ID: 2002869-19 Sample ID: 4076-5808 Date Sampled: 12/18/2020 Air Volume:932 Liters Sample Description: AMS4 121820 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.11 \,mg/m^3$ Chromium VI Compounds, as Cr< $0.010 \,\mu g$ < $0.000011 \,mg/m^3$

Lab ID: 2002869-20 Sample ID: 4076-5758 Date Sampled: 12/21/2020 Air Volume:8465 Liters Sample Description: AMS5 122120 Matrix: PVC Filter - preweighed

Lab ID: 2002869-21 Sample ID: 4076-5805 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 $\begin{tabular}{llll} \hline Analyte & & \underline{Total \, Mass} \\ \hline Total \, Particulates & < & 100 \, \mu g \\ \hline Chromium \, VI \, Compounds, as \, Cr & < & 0.010 \, \mu g \\ \hline \end{tabular}$

Lab ID: 2002869-22 Sample ID: 4076-5806 Date Sampled: Not Provided

Sample Description: BLANK Matrix: PVC Filter - preweighed

AnalyteTotal MassTotal Particulates< 100 μg</td>Chromium VI Compounds, as Cr< 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Media Type MRL **Analytical Method** Analysis Date Analyst 0.010 μg 12/30/2020 Chromium VI Compounds, as Cr PVC Filter - preweighed TIC-IC-07: Modified OSHA ID 215 JAF 12/24/2020 Total Particulates PVC Filter - preweighed 100 µg TIC-GRV-01: NIOSH 0500 GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Cless than μg micrograms μg/m³ micrograms per cubic meter ppm parts per million
Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2002899

Date Received: 12/29/2020 Date Reported: 01/07/2021

Location: Site 174

Lab ID: 2002899-01	Sample ID: 4076-5798	Date Sampled: 12/21/2020	Air Volume:1416 Liters
Sample Description:	AMS1 122120	Matrix: PVC Filter - prewei	ghed

Analyte	<u>To</u>	tal Mass		Concentration
Total Particulates	<	$100 \mu g$	<	$0.071~\text{mg/m}^{\scriptscriptstyle 3}$
Chromium VI Compounds, as Cr	<	$0.010~\mu g$	<	0.0000071 mg/m^3

Lab ID: 2002899-02 Sample ID: 4076-5802		Date Sampled: 12/21/2020 Air Volume:994 Liters
Sample Description: AMS2 122120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$

Lab ID: 2002899-03 Sample ID: 4076-5807		Date Sampled: 12/21/2020 Air Volume:997 Liters
Sample Description: AMS3 122120		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$

Lab ID: 2002899-04 Sample ID: 4076-5797		Date Sampled: 12/21/2020 Air Volume:1012	Liters
Sample Description: AMS4 122120		Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	_
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$	

Lab ID: 2002899-05 Sample ID: 4076-5803		Date Sampled: 12/22/2020 Air Volume:2885 Liters
Sample Description: AMS5 122220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	110 μg	$0.037\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000035 \text{mg/m}^3$

Lab ID: 2002899-06 Sample ID: 4076-5794		Date Sampled: 12/22/2020 Air Volume:1337 Liters
Sample Description: AMS1 122220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration

Analyte	17	ital Mass		Concentiation
Total Particulates	<	100 μg	<	$0.075mg/m^3$
Chromium VI Compounds, as Cr	<	$0.010~\mu g$	<	$0.0000076mg/m^{3}$

Lab ID: 2002899-07 Sample ID: 4076-5795		Date Sampled: 12/22/2020 Air Volume:923 Liters
Sample Description: AMS2 122220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$

Lab ID: 2002899-08 Sample ID: 4076-5800		Date Sampled: 12/22/2020 Air Volume:895 Liters
Sample Description: AMS3 122220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2002899-09 Sample ID: 4076-5793		Date Sampled: 12/22/2020 Air Volume:939 Liters
Sample Description: AMS4 122220		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2002899-10 Sample ID: 4076-5801		Date Sampled: 12/23/2020 Air Volume:2836 Liters
Sample Description: AMS5 122320		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
	ν 0.010 μg	
Lab ID: 2002899-11 Sample ID: 4076-5792		Date Sampled: 12/23/2020 Air Volume:1388 Liters
Sample Description: AMS1 122320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.072 mg/m^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000073 \text{ mg/m}^3$
Lab ID: 2002899-12 Sample ID: 4076-5790 Sample Description: AMS2 122320		Date Sampled: 12/23/2020 Air Volume:988 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000010 mg/m ³
Chromium vi Compounus, as Ci	ν 0.010 μg	0.000010 mg m
Lab ID: 2002899-13 Sample ID: 4076-5789		Date Sampled: 12/23/2020 Air Volume:966 Liters
Sample Description: AMS3 122320		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2002899-14 Sample ID: 4076-5788		Date Sampled: 12/23/2020 Air Volume:1000 Liters
Sample Description: AMS4 122320		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
	< 0.010 μg	< 0.000010 mg/m ³
Chromium VI Compounds, as Cr	\ 0.010 μg	. 0.000010 mg/m
Lab ID: 2002899-15 Sample ID: 4076-5791		Date Sampled: 12/24/2020 Air Volume:2895 Liters
Sample Description: AMS5 122420		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.035 mg/m^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000035 mg/m^3$
Lab ID: 2002899-16 Sample ID: 4076-5787		Date Sampled: 12/24/2020 Air Volume:709 Liters
Sample Description: AMS1 122420		Matrix: PVC Filter - preweighed
		F

Page 2 of 4

Total Particulates < 100 μg < 0.14 mg/m^3 Chromium VI Compounds, as Cr < 0.010 μg < 0.000014 mg/m^3

Lab ID: 2002899-17 Sample ID: 4076-6073 Date Sampled: 12/24/2020 Air Volume:695 Liters Sample Description: AMS2 122420 Matrix: PVC Filter - preweighed

 $\begin{array}{c|cccc} \underline{Analyte} & \underline{Total\,Mass} & \underline{Concentration} \\ Total\,Particulates & < 100\,\mu g & < 0.14\,m g/m^3 \\ Chromium\,VI\,Compounds, as\,Cr & < 0.010\,\mu g & < 0.000015\,m g/m^3 \end{array}$

Lab ID: 2002899-18 Sample ID: 4076-5785 Date Sampled: 12/24/2020 Air Volume:754 Liters Sample Description: AMS3 122420 Matrix: PVC Filter - preweighed

Lab ID: 2002899-19
Sample ID: 4076-5786Sample ID: 4076-5786Date Sampled: 12/24/2020Air Volume:707 LitersSample Description:AMS4 122420Matrix: PVC Filter - preweighedAnalyteTotal MassConcentrationTotal Particulates< 100 μg</td>< 0.14 mg/m³</td>

Chromium VI Compounds, as Cr < 0.010 μg < 0.000014 mg/m^3

Lab ID: 2002899-20 Sample ID: 4076-5784 Date Sampled: 12/25/2020 Air Volume:3076 Liters

Sample Description: AMS5 122520 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Total Particulates $120 \, \mu g \qquad 0.038 \, mg/m^3$ Chromium VI Compounds, as Cr < $0.010 \, \mu g$ < $0.0000033 \, mg/m^3$

Lab ID: 2002899-21 Sample ID: 4076-6080 Date Sampled: Not Provided

Sample Description: BLANK Matrix: PVC Filter - preweighed
Analyte Total Mass

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Lab ID: 2002899-22 Sample ID: 4076-6085 Date Sampled: Not Provided

Sample Description: BLANK Matrix: PVC Filter - preweighed

Analyte Total Mass

Total Particulates $$<$100\,\mu g$$ Chromium VI Compounds, as Cr $$<$0.010\,\mu g$$

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Media Type MRL **Analytical Method** Analysis Date Analyst 0.010 μg 01/06/2021 Chromium VI Compounds, as Cr PVC Filter - preweighed TIC-IC-07: Modified OSHA ID 215 JAF 12/30/2020 Total Particulates PVC Filter - preweighed 100 µg TIC-GRV-01: NIOSH 0500 SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

<u>Key</u>

Less than μg micrograms μg/m³ micrograms per cubic meter ppm parts per million
 Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

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Approved by:

7om Surveski

Tom Surveski QA Director **Josef Chrzanowski** Josef Chrzanowski

Josef Chrzanowski IH Laboratory Director Marcel 7. Baril

Marcel F. Baril 2nd Vice President



Carey Wu

Emilcott Associates 25 B Vreeland Road

Total Particulates

Chromium VI Compounds, as Cr

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100015

Date Received: 01/06/2021 Date Reported: 01/15/2021

Location: Site 174

I LORITAWI I ARK, NJ 07/32	Locat	tion: Site 1/4
Matt Luppino		
Emilcott Associates		D (C 1 40/00/2020 4' V 000 V
Lab ID: 2100015-01 Sample ID: 4076-6083		Date Sampled: 12/28/2020 Air Volume:990 Liters
Sample Description: AMS1 122820	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100015-02 Sample ID: 4076-6084		Date Sampled: 12/28/2020 Air Volume:997 Liters
Sample Description: AMS2 122820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2100015-03 Sample ID: 4076-6079		Date Sampled: 12/28/2020 Air Volume:987 Liters
Sample Description: AMS3 122820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100015-04 Sample ID: 4076-6068		Date Sampled: 12/28/2020 Air Volume:1006 Liters
Sample Description: AMS4 122820		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100015-05 Sample ID: 4076-6078		Date Sampled: 12/29/2020 Air Volume:2867 Liters
Sample Description: AMS5 122920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2100015-06 Sample ID: 4076-6074		Date Sampled: 12/29/2020 Air Volume:928 Liters
Sample Description: AMS1 122920		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2100015-07 Sample ID: 4076-6065		Date Sampled: 12/29/2020 Air Volume:962 Liters
Sample Description: AMS2 122920		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration

Page 1 of 4

<

 $0.10\,mg/m^{\scriptscriptstyle 3}$

 $0.000011 \, mg/m^3$

Laboratory Number: 2100015

 $100 \; \mu g$

 $0.010 \, \mu g$

	Sample ID: 4076-6075		Date Sampled: 12/29/2020	Air Volume:956 Liters
Sample Description:	AMS3 122920	Total Mass	Matrix: PVC Filter - prewe	eighed
Analyte		Total Mass	<u>Concentration</u>	
Total Particulates		< 100 μg	< 0.10 mg/m ³	
Chromium VI Compou	nds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$	
Lab ID: 2100015-09	Sample ID: 4076-6070		Date Sampled: 12/29/2020	Air Volume:997 Liters
Sample Description:	AMS4 122920		Matrix: PVC Filter - prewe	eighed
<u>Analyte</u>		<u>Total Mass</u>	Concentration	
Total Particulates		< 100 μg	$< 0.10\mathrm{mg/m^3}$	
Chromium VI Compou	nds, as Cr	< 0.010 μg	$< 0.000010 mg/m^3$	
	Sample ID: 4076-6069 AMS5 123020		Date Sampled: 12/30/2020 Matrix: PVC Filter - prewe	Air Volume:3009 Liters
<u>Analyte</u>		Total Mass	Concentration	
Total Particulates		< 100 μg	$< 0.033 mg/m^3$	
Chromium VI Compou	nds, as Cr	< 0.010 μg	$< 0.0000034 mg/m^3$	
	Sample ID: 4076-6081 AMS1 123020		Date Sampled: 12/30/2020 Matrix: PVC Filter - prewe	Air Volume:967 Liters
Analyte		Total Mass	Concentration	-9
Total Particulates		< 100 μg	< 0.10 mg/m ³	
	ada aa Cr		C	
Chromium VI Compou	ids, as Cr	< 0.010 μg	< 0.000011 mg/m ³	
	Sample ID: 4076-6082		Date Sampled: 12/30/2020	Air Volume:956 Liters
Sample Description: Analyte	AMS2 123020	Total Mass	Matrix: PVC Filter - prewe	eignea
Total Particulates		< 100 μg	< 0.10 mg/m ³	
	1 0		· ·	
Chromium VI Compou	ids, as Cr	< 0.010 μg	< 0.000011 mg/m ³	
Lab ID: 2100015-13 Sample Description:	Sample ID: 4076-6063		Date Sampled: 12/30/2020 Matrix: PVC Filter - prewe	Air Volume:934 Liters
Analyte	711150 125020	Total Mass	Concentration	igneu
Total Particulates		< 100 μg	$< 0.11 \text{ mg/m}^3$	
Chromium VI Compou	nde ac Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
emonium vi compou	ius, as Ci	ν 0.010 μg	0.000011 mg m	
Lab ID: 2100015-14	Sample ID: 4076-6064		Date Sampled: 12/30/2020	Air Volume:985 Liters
Sample Description:	AMS4 123020		Matrix: PVC Filter - prewe	eighed
<u>Analyte</u>		<u>Total Mass</u>	Concentration	
Total Particulates		< 100 μg	$< 0.10 mg/m^3$	
Chromium VI Compou	nds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2100015-15	Sample ID: 4076-6077		Date Sampled: 12/31/2020	Air Volume:3015 Liters
Sample Description:	AMS5 123120		Matrix: PVC Filter - prewe	eighed
<u>Analyte</u>		<u>Total Mass</u>	Concentration	
Total Particulates		< 100 μg	$< 0.033 mg/m^3$	
Chromium VI Compou	nds, as Cr	< 0.010 μg	$< 0.0000034 mg/m^3$	
Lab ID: 2100015-16	Sample ID: 4076-5820		Date Sampled: 12/31/2020	Air Volume:540 Liters
			Matrix: PVC Filter - prewe	

Lab ID: 2100015-17 Sample ID: 4076-6067 Date Sampled: 12/31/2020 Air Volume:495 Liters
Sample Description: AMS2 123120 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Lab ID: 2100015-18Sample ID: 4076-6072Date Sampled: 12/31/2020Air Volume:503 LitersSample Description:AMS3 123120Matrix: PVC Filter - preweighedAnalyteTotal MassConcentrationTotal Particulates< 100 μg</td>< 0.20 mg/m³</td>

 $0.010 \mu g$

<

<

 $0.000020 \, mg/m^3$

 $0.000020\,mg/m^3$

 Lab ID: 2100015-19
 Sample ID: 4076-6076
 Date Sampled: 12/31/2020
 Air Volume:513 Liters

 Sample Description:
 AMS4 123120
 Matrix: PVC Filter - preweighed

 Analyte
 Total Mass
 Concentration

 Total Particulates
 < 0.19 mg/m³</td>

 $0.010 \mu g$

Lab ID: 2100015-20 Sample ID: 4076-6062 Date Sampled: 01/01/2021 Air Volume:2871 Liters
Sample Description: AMS5 010121 Matrix: PVC Filter - preweighed

Analyte Total Mass Concentration

Total Particulates $130 \ \mu g \qquad 0.046 \ mg/m^3$ Chromium VI Compounds, as Cr $0.017 \ \mu g \qquad 0.0000058 \ mg/m^3$

Lab ID: 2100015-21 Sample ID: 4076-6106 Date Sampled: Not Provided Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Lab ID: 2100015-22 Sample ID: 4076-6107 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 $\begin{tabular}{llll} \hline Analyte & & \underline{Total \, Mass} \\ \hline Total \, Particulates & < & 100 \, \mu g \\ \hline Chromium \, VI \, Compounds, as \, Cr & < & 0.010 \, \mu g \\ \hline \end{tabular}$

Folder Comments:

Chromium VI Compounds, as Cr

Chromium VI Compounds, as Cr

The particulate and chromium (VI) sample results have been blank corrected.

Media Type MRL **Analysis Date** Analytical Method Analyst Analyte Chromium VI Compounds, as Cr PVC Filter - preweighed $0.010~\mu g$ TIC-IC-07: Modified OSHA ID 215 01/14/2021 JAF Total Particulates PVC Filter - preweighed 100 µg TIC-GRV-01: NIOSH 0500 01/08/2021 SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million

Greater than mg milligrams mg/m^3 milligrams per cubic meter ppb parts per billion

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Approved by:

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100048

Date Received: 01/12/2021 01/22/2021 Date Reported:

Location: Site 174

,	Loca	tion. Site 1/4
Matt Luppino		
Emilcott Associates Lab ID: 2100048-01 Sample ID: 4076-6061		Date Sampled: 01/04/2021 Air Volume:986 Liters
Sample Description: AMS1 010421		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2100048-02 Sample ID: 4076-6110		Date Sampled: 01/04/2021 Air Volume:992 Liters
Sample Description: AMS2 010421		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100048-03 Sample ID: 4076-6109		Date Sampled: 01/04/2021 Air Volume:965 Liters
Sample Description: AMS3 010421		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2100048-04 Sample ID: 4076-6108		Date Sampled: 01/04/2021 Air Volume:1034 Liters
Sample Description: AMS4 010421		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.097 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000099 \mathrm{mg/m^3}$
Lab ID: 2100048-05 Sample ID: 4076-6066		Date Sampled: 01/05/2021 Air Volume:2873 Liters
Sample Description: AMS5 010521	70 (136	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.035 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2100048-06 Sample ID: 4076-6102		Date Sampled: 01/05/2021 Air Volume:1006 Liters
Sample Description: AMS1 010521	70 / 134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100048-07 Sample ID: 4076-6105		Date Sampled: 01/05/2021 Air Volume:960 Liters
Sample Description: AMS2 010521		Matrix: PVC Filter - preweighed
	70 / 13/6	
Analyte	Total Mass	<u>Concentration</u>
Total Particulates Chromium VI Compounds, as Cr	<u>Total Mass</u> < 100 μg < 0.010 μg	Concentration < 0.10 mg/m³ < 0.000011 mg/m³

Page 1 of 4

Lab ID: 2100048-08 Sample ID: 4076-6101		Date Sampled: 01/05/2021 Air Volume:964 Liters
Sample Description: AMS3 010521		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	< 0.000011 mg/m ³
Lab ID: 2100048-09 Sample ID: 4076-6104		Date Sampled: 01/05/2021 Air Volume:988 Liters
Sample Description: AMS4 010521		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2100048-10 Sample ID: 4076-6103		Date Sampled: 01/06/2021 Air Volume:2839 Liters
Sample Description: AMS5 010621	TAIN	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2100048-11 Sample ID: 4076-6100		Date Sampled: 01/06/2021 Air Volume:981 Liters
Sample Description: AMS1 010621	77 4 134	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2100048-12 Sample ID: 4076-6097		Date Sampled: 01/06/2021 Air Volume:948 Liters
Sample Description: AMS2 010621		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2100048-13 Sample ID: 4076-6096		Date Sampled: 01/06/2021 Air Volume:966 Liters
Sample Description: AMS3 010621		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2100048-14 Sample ID: 4076-6098		Date Sampled: 01/06/2021 Air Volume:984 Liters
Sample Description: AMS4 010621	M / 335	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2100048-15 Sample ID: 4076-6099		Date Sampled: 01/07/2021 Air Volume:2818 Liters
Sample Description: AMS5 010721	(T) / 13.6	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.035 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000036 \mathrm{mg/m^3}$
Lab ID: 2100048-16 Sample ID: 4076-6094		Date Sampled: 01/07/2021 Air Volume:1035 Liters
Sample Description: AMS1 010721		Matrix: PVC Filter - preweighed

Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.097 mg/m^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000099 \text{ mg/m}^3$	
Lab ID: 2100048-17 Sample ID: 4076-6091		Date Sampled: 01/07/2021	Air Volume:992 Liters
Sample Description: AMS2 010721		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2100048-18 Sample ID: 4076-6087		Date Sampled: 01/07/2021	Air Volume:1007 Liters
Sample Description: AMS3 010721		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	$<$ 100 μg	$< 0.099 mg/m^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2100048-19 Sample ID: 4076-6088		Date Sampled: 01/07/2021	Air Volume:1043 Liters
Sample Description: AMS4 010721		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000098 \text{ mg/m}^3$	
Lab ID: 2100048-20 Sample ID: 4076-6086		Date Sampled: 01/08/2021	Air Volume:2909 Liters
Sample Description: AMS5 010821		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.034 mg/m^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000035 mg/m^3$	
Lab ID: 2100048-21 Sample ID: 4076-6095		Date Sampled: 01/08/2021	Air Volume:1037 Liters
Sample Description: AMS1 010821		Matrix: PVC Filter - prewe	ighed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000099 \text{mg/m}^3$	
Lab ID: 2100048-22 Sample ID: 4076-6090		Date Sampled: 01/08/2021	Air Volume:897 Liters
Sample Description: AMS2 010821	TD 4 1 3 6	Matrix: PVC Filter - prewe	ighed
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2100048-23 Sample ID: 4076-6093		Date Sampled: 01/08/2021	Air Volume:892 Liters
Sample Description: AMS3 010821	Total Mass	Matrix: PVC Filter - prewe	igned
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000011 mg/m ³	
Lab ID: 2100048-24 Sample ID: 4076-6089		Date Sampled: 01/08/2021	Air Volume:901 Liters
Sample Description: AMS4 010821	Total Mass	Matrix: PVC Filter - prewe	igned
Analyte	Total Mass	Concentration	
	< 100 μg	$< 0.11 \mathrm{mg/m^3}$	
Total Particulates			
Chromium VI Compounds, as Cr	< 0.010 μg Page 3 of 4	$< 0.000011 mg/m^3$	

Lab ID: 2100048-25 Sample ID: 4076-6092 Date Sampled: 01/11/2021 Air Volume:9204 Liters Sample Description: AMS5 011121 Matrix: PVC Filter - preweighed

AnalyteTotal MassConcentrationTotal Particulates< $100 \,\mu g$ < $0.011 \,m g/m^3$ Chromium VI Compounds, as Cr< $0.010 \,\mu g$ < $0.0000011 \,m g/m^3$

Lab ID: 2100048-26 Sample ID: 4076-6028 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Lab ID: 2100048-27 Sample ID: 4076-6029 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium VI Compounds, as Cr	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	01/22/2021	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	01/13/2021	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Key
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 >
 Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

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Approved by: 7om Surveski 9osef Chrzanowski Marcel 7. Baril
Tom Surveski Josef Chrzanowski Marcel F. Baril

Tom Surveski Josef Chrzanowski Marcel F. Baril
QA Director IH Laboratory Director 2nd Vice President



Carey Wu

Analyte

Total Particulates

Chromium VI Compounds, as Cr

Emilcott Associates 25 B Vreeland Road

FLORHAM PARK, NJ 07932

90 Lamberton Road, Windsor CT 06095

Phone: 1-800-842-0355

FAX: 1-860-687-7430 AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100090

Date Received: 01/20/2021 Date Reported: 01/28/2021

Location: Site 174

Matt Luppino Emilcott Associates		
Lab ID: 2100090-01 Sample ID: 4076-6034		Date Sampled: 01/11/2021 Air Volume:1048 Liters
Sample Description: AMS1 011121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000097 \text{mg/m}^3$
Lab ID: 2100090-02 Sample ID: 4076-6032		Date Sampled: 01/11/2021 Air Volume:916 Liters
Sample Description: AMS2 011121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2100090-03 Sample ID: 4076-6030 Sample Description: AMS3 011121		Date Sampled: 01/11/2021 Air Volume:920 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
		6
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000011 mg/m ³
Lab ID: 2100090-04 Sample ID: 4076-6033		Date Sampled: 01/11/2021 Air Volume:953 Liters
Sample Description: AMS4 011121 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	<u></u>	
		****8
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2100090-05 Sample ID: 4076-6031		Date Sampled: 01/12/2021 Air Volume:3070 Liters
Sample Description: AMS5 011221		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	150 μg	$0.050\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000033 \text{ mg/m}^3$
Lab ID: 2100090-06 Sample ID: 4076-6026		Date Sampled: 01/12/2021 Air Volume:900 Liters
Sample Description: AMS1 011221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{ mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$
Lab ID: 2100090-07 Sample ID: 4076-6025		Date Sampled: 01/12/2021 Air Volume:942 Liters
Sample Description: AMS2 011221		Matrix: PVC Filter - preweighed
Amalysta	T-4-1 M	C

Page 1 of 4

Concentration

 $0.11\,mg/m^3$

 $0.000011 \, mg/m^3$

<

2100090 Laboratory Number:

 $100 \; \mu g$

 $0.010 \, \mu g$

Total Mass

<

Lab ID: 2100090-08 Sample ID: 4076-6015		Date Sampled: 01/12/2021 Air Volume:970 Liters
Sample Description: AMS3 011221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$< 0.010 \mu g$	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100090-09 Sample ID: 4076-6027		Date Sampled: 01/12/2021 Air Volume:985 Liters
Sample Description: AMS4 011221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100090-10 Sample ID: 4076-6021		Date Sampled: 01/13/2021 Air Volume:2940 Liters
Sample Description: AMS5 011321		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	130 μg	0.043 mg/m^3
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000035 \text{mg/m}^3$
Lab ID: 2100090-11 Sample ID: 4076-6018		Date Sampled: 01/13/2021 Air Volume:1048 Liters
Sample Description: AMS1 011321		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
otal Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$
Shromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000097 mg/m^3$
Lab ID: 2100090-12 Sample ID: 4076-6023		Date Sampled: 01/13/2021 Air Volume:925 Liters
Sample Description: AMS2 011321		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100090-13 Sample ID: 4076-6022		Date Sampled: 01/13/2021 Air Volume:967 Liters
Sample Description: AMS3 011321	Total Mass	Matrix: PVC Filter - preweighed
Analyte	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
ab ID: 2100090-14 Sample ID: 4076-6019		Date Sampled: 01/13/2021 Air Volume:972 Liters
Sample Description: AMS4 011321	<u>Total Mass</u>	Matrix: PVC Filter - preweighed
Analyte Total Particulates	·	Concentration < 0.10 mg/m ³
		6
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100090-15 Sample ID: 4076-6024		Date Sampled: 01/14/2021 Air Volume:2886 Liters
Sample Description: AMS5 011421		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	130 μg	$0.044\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000035 mg/m^3$
Lab ID: 2100090-16 Sample ID: 4076-6010		Date Sampled: 01/14/2021 Air Volume:1043 Liters
Sample Description: AMS1 011421		Matrix: PVC Filter - preweighed

Analyte Table 1 1 1 1 1 1 1 1 1 1	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.096 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000098 \text{mg/m}^3$	
Lab ID: 2100090-17 Sample ID: 4076-6014		Date Sampled: 01/14/2021	Air Volume:942 Liters
Sample Description: AMS2 011421		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2100090-18 Sample ID: 4076-6013		Date Sampled: 01/14/2021	Air Volume:935 Liters
Sample Description: AMS3 011421		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2100090-19 Sample ID: 4076-6017		Date Sampled: 01/14/2021	Air Volume:931 Liters
Sample Description: AMS4 011421		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2100090-20 Sample ID: 4076-6016		Date Sampled: 01/15/2021	Air Volume:2809 Liters
Sample Description: AMS5 011521		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	250 μg	$0.090mg/m^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000036 mg/m^3$	
Lab ID: 2100090-21 Sample ID: 4076-6012		Date Sampled: 01/15/2021	Air Volume:986 Liters
Sample Description: AMS1 011521		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2100090-22 Sample ID: 4076-6011		Date Sampled: 01/15/2021	Air Volume:956 Liters
Sample Description: AMS2 011521	TD 4 134	Matrix: PVC Filter - prewe	ighed
Analyte	Total Mass	Concentration	
Fotal Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
Lab ID: 2100090-23 Sample ID: 4076-6060		Date Sampled: 01/15/2021	Air Volume:942 Liters
Sample Description: AMS3 011521	T-4-13#	Matrix: PVC Filter - prewe	ignea
Analyte	Total Mass	<u>Concentration</u>	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000011 mg/m ³	
Lab ID: 2100090-24 Sample ID: 4076-6059		Date Sampled: 01/15/2021	Air Volume:962 Liters
Sample Description: AMS4 011521	Total Mass	Matrix: PVC Filter - prewe	ignea
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{ mg/m}^3$	
	Page 3 of 4		

Lab ID: 2100090-25 Sample ID: 4076-5772 Date Sampled: 01/18/2021 Air Volume:9293 Liters Sample Description: AMS5 011821 Matrix: PVC Filter - preweighed

 Analyte
 Total Mass
 Concentration

 Total Particulates
 < 100 μg</td>
 < 0.011 mg/m³</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>
 < 0.0000011 mg/m³</td>

Lab ID: 2100090-26 Sample ID: 4076-6055 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Lab ID: 2100090-27 Sample ID: 4076-6035 Date Sampled: Not Provided
Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium VI Compounds, as Cr	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	01/27/2021	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	01/22/2021	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Key
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 > Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have not been blank corrected and all samples were received in satisfactory condition unless otherwise noted. The content of this report is only for the informational use only. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

Approved by: 7om Su

7om SurveskiJosef ChrzanowskiTom SurveskiJosef ChrzanowskiQA DirectorIH Laboratory Director

Marcel 7. Baril
Marcel F. Baril
2nd Vice President



Carey Wu

Emilcott Associates 25 B Vreeland Road

FLORHAM PARK, NJ 07932

Chromium VI Compounds, as Cr

90 Lamberton Road, Windsor CT 06095

Phone: 1-800-842-0355 FAX: 1-860-687-7430

FAX: 1-860-687-7430 AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100131

Date Received: 01/26/2021 Date Reported: 02/05/2021

Location: Site 174

120141111111111111111111111111111111111	Loca	ation: Site 1/4
Matt Luppino		
Emilcott Associates		
Lab ID: 2100131-01 Sample ID: 4076-6040		Date Sampled: 01/19/2021 Air Volume:2656 Liters
Sample Description: AMS5 011921	T-4-1 M	Matrix: PVC Filter - preweighed
Analyte To a Decirio La	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	$< 0.038 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000038 \text{ mg/m}^3$
Lab ID: 2100131-02 Sample ID: 4076-6053		Date Sampled: 01/19/2021 Air Volume:1065 Liters
Sample Description: AMS1 011921	m	Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.094 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000096 \mathrm{mg/m^3}$
Lab ID: 2100131-03 Sample ID: 4076-6046		Date Sampled: 01/19/2021 Air Volume:907 Liters
Sample Description: AMS2 011921		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2100131-04 Sample ID: 4076-6051		Date Sampled: 01/19/2021 Air Volume:886 Liters
Sample Description: AMS3 011921		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000012 mg/m ³
Lab ID: 2100131-05 Sample ID: 4076-6056		Date Sampled: 01/19/2021 Air Volume:916 Liters
Sample Description: AMS4 011921		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100131-06 Sample ID: 4076-6054		Date Sampled: 01/20/2021 Air Volume:2944 Liters
Sample Description: AMS5 012021		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.034 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000035 \text{mg/m}^3$
Lab ID: 2100131-07 Sample ID: 4076-6048		Date Sampled: 01/20/2021 Air Volume:1030 Liters
Sample Description: AMS1 012021	_	Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.097 \text{mg/m}^3$
CI ' VIC I C	. 0.010	0.0000000 / 3

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 $< 0.0000099 \, mg/m^3$

Laboratory Number: 2100131

 $0.010~\mu g$

Lab ID: 2100131-08 Sample ID: 4076-6057 Sample Description: AMS2 012021		Date Sampled: 01/20/2021 Air Volume:951 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.000011 mg/m ³
emomum vi compounds, us ci	0.010 Mg	oloooti mg m
Lab ID: 2100131-09 Sample ID: 4076-6058		Date Sampled: 01/20/2021 Air Volume:935 Liters
Sample Description: AMS3 012021		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2100131-10 Sample ID: 4076-6041		Date Sampled: 01/20/2021 Air Volume:967 Liters
Sample Description: AMS4 012021		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	< 0.000011 mg/m ³
Lab ID: 2100131-11 Sample ID: 4076-6039		Date Sampled: 01/21/2021 Air Volume:3087 Liters
Sample Description: AMS5 012121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.032 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000033 \text{ mg/m}^3$
Lab ID: 2100131-12 Sample ID: 4076-6045		Date Sampled: 01/21/2021 Air Volume:924 Liters
Sample Description: AMS1 012121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$<~0.010~\mu g$	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100131-13 Sample ID: 4076-6050		Date Sampled: 01/21/2021 Air Volume:958 Liters
Sample Description: AMS2 012121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2100131-14 Sample ID: 4076-6047		Date Sampled: 01/21/2021 Air Volume:940 Liters
Sample Description: AMS3 012121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2100131-15 Sample ID: 4076-6049		Date Sampled: 01/21/2021 Air Volume:986 Liters
Sample Description: AMS4 012121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2100131-16 Sample ID: 4076-6052		Date Sampled: 01/22/2021 Air Volume:2985 Liters
Sample Description: AMS5 012221		Matrix: PVC Filter - preweighed

<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.034 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000034 mg/m^3$
Lab ID: 2100131-17 Sample ID: 4076-6036		Date Sampled: 01/22/2021 Air Volume:1047 Liters
Sample Description: AMS1 012221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.096 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000097 \mathrm{mg/m^3}$
Lab ID: 2100131-18 Sample ID: 4076-6043		Date Sampled: 01/22/2021 Air Volume:957 Liters
Sample Description: AMS2 012221		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100131-19 Sample ID: 4076-6042		Date Sampled: 01/22/2021 Air Volume:927 Liters
Sample Description: AMS3 012221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 mg/m^3$
Lab ID: 2100131-20 Sample ID: 4076-6037		Date Sampled: 01/22/2021 Air Volume:969 Liters
Sample Description: AMS4 012221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100131-21 Sample ID: 4076-6038 Sample Description: AMS5 012521		Date Sampled: 01/25/2021 Air Volume:9113 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.011 mg/m ³
		-
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000011 \text{ mg/m}^3$
Lab ID: 2100131-22 Sample ID: 4076-7085		Date Sampled: Not Provided
Sample Description: BLANK		Matrix: PVC Filter - preweighed
Analyte	Total Mass	
Total Particulates	< 100 μg	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	
Lab ID: 2100131-23 Sample ID: 4076-7086		Date Sampled: Not Provided
Sample Description: BLANK		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	
Total Particulates	< 100 μg	

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte Media Type MRL Analytical Method **Analysis Date** Analyst Chromium VI Compounds, as Cr PVC Filter - preweighed $0.010~\mu g$ TIC-IC-07: Modified OSHA ID 215 02/04/2021 JAF Total Particulates PVC Filter - preweighed 100 μg TIC-GRV-01: NIOSH 0500 01/27/2021 SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

 Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million
 Greater than pg milligrams pgm^3 milligrams per cubic meter ppm parts per million
 parts per billion

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Approved by:

7om Surveski

Tom Surveski QA Director Josef Chrzanowski

Josef Chrzanowski IH Laboratory Director Marcel 7. Baril

Marcel F. Baril 2nd Vice President



Carey Wu

Emilcott Associates 25 B Vreeland Road

Total Particulates

Chromium VI Compounds, as Cr

FLORHAM PARK, NJ 07932

90 Lamberton Road, Windsor CT 06095

Phone: 1-800-842-0355 FAX: 1-860-687-7430

AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100235

Date Received: 02/08/2021 Date Reported: 02/12/2021

Location: Site 174

I LORITAINI I ARK, NJ 07752	Locat	tion: Site 1/4
Matt Luppino		
Emilcott Associates		
Lab ID: 2100235-01 Sample ID: 4076-7093		Date Sampled: 01/25/2021 Air Volume:1030 Liters
Sample Description: AMS1 012521		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.097 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000099 \text{ mg/m}^3$
Lab ID: 2100235-02 Sample ID: 4076-7090		Date Sampled: 01/25/2021 Air Volume:950 Liters
Sample Description: AMS2 012521		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100235-03 Sample ID: 4076-6677		Date Sampled: 01/25/2021 Air Volume:906 Liters
Sample Description: AMS3 012521		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	160 μg	$0.17\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	0.012 μg	0.000013 mg/m^3
Lab ID: 2100235-04 Sample ID: 4076-7094		Date Sampled: 01/25/2021 Air Volume:968 Liters
Sample Description: AMS4 012521		Matrix: PVC Filter - preweighed
Analyte_	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100235-05 Sample ID: 4076-7092		Date Sampled: 01/26/2021 Air Volume:3127 Liters
Sample Description: AMS5 012621		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.032 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000033 \text{ mg/m}^3$
Lab ID: 2100235-06 Sample ID: 4076-7083		Date Sampled: 01/26/2021 Air Volume:1121 Liters
Sample Description: AMS1 012621		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.089 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000091 \text{ mg/m}^3$
Lab ID: 2100235-07 Sample ID: 4076-7088		Date Sampled: 01/26/2021 Air Volume:960 Liters
Sample Description: AMS2 012621		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration

Page 1 of 4

 $0.10\,mg/m^{\scriptscriptstyle 3}$

 $0.000011 \, mg/m^3$

Laboratory Number: 2100235

 $100 \, \mu g$

 $0.010 \, \mu g$

Lab ID: 2100235-08 Sample ID: 4076-7089 Sample Description: AMS3 012621		Date Sampled: 01/26/2021 Air Volume:957 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<~0.010~\mu \mathrm{g}$	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100235-09 Sample ID: 4076-7087		Date Sampled: 01/26/2021 Air Volume:987 Liters
Sample Description: AMS4 012621		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.10 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \text{mg/m}^3$
Lab ID: 2100235-10 Sample ID: 4076-7084 Sample Description: AMS5 012721		Date Sampled: 01/27/2021 Air Volume:3029 Liters Matrix: PVC Filter - preweighed
1 1	Total Mass	
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.033 mg/m ³
Chromium VI Compounds, as Cr	$<~0.010~\mu g$	$< 0.0000034 \mathrm{mg/m^3}$
Lab ID: 2100235-11 Sample ID: 4076-7075		Date Sampled: 01/27/2021 Air Volume:1019 Liters
Sample Description: AMS1 012721	m . 124	Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.098 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$
Lab ID: 2100235-12 Sample ID: 4076-7080		Date Sampled: 01/27/2021 Air Volume:1003 Liters
Sample Description: AMS2 012721		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.10 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$
Lab ID: 2100235-13 Sample ID: 4076-7076		Date Sampled: 01/27/2021 Air Volume:912 Liters
Sample Description: AMS3 012721		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000011 \text{mg/m}^3$
Lab ID: 2100235-14 Sample ID: 4076-7081		Date Sampled: 01/27/2021 Air Volume:1034 Liters
Sample Description: AMS4 012721		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.097 mg/m^3$
Chromium VI Compounds, as Cr	$<~0.010~\mu g$	$< 0.0000099 \text{ mg/m}^3$
Lab ID: 2100235-15 Sample ID: 4076-7082		Date Sampled: 01/28/2021 Air Volume:3056 Liters
Sample Description: AMS5 012821		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.033 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<~0.010~\mu g$	$< 0.0000033 \text{ mg/m}^3$
Lab ID: 2100235-16 Sample ID: 4076-7071		Date Sampled: 01/28/2021 Air Volume:999 Liters
Sample Description: AMS1 012821		Matrix: PVC Filter - preweighed

Analyte Table 1 and 1 an	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.10 mg/m ³	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \mathrm{mg/m^3}$	
Lab ID: 2100235-17 Sample ID: 4076-7077		Date Sampled: 01/28/2021	Air Volume:989 Liters
Sample Description: AMS2 012821		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2100235-18 Sample ID: 4076-7070		Date Sampled: 01/28/2021	Air Volume:992 Liters
Sample Description: AMS3 012821		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.10 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2100235-19 Sample ID: 4076-7078		Date Sampled: 01/28/2021	Air Volume:1016 Liters
Sample Description: AMS4 012821		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.098 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000010 mg/m^3$	
Lab ID: 2100235-20 Sample ID: 4078-7072		Date Sampled: 01/29/2021	Air Volume:3082 Liters
Sample Description: AMS5 012921		Matrix: PVC Filter - prewe	ighed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.032 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000033 \text{ mg/m}^3$	
Lab ID: 2100235-21 Sample ID: 4076-7115		Date Sampled: 01/29/2021	Air Volume:1006 Liters
Sample Description: AMS1 012921	m . 134	Matrix: PVC Filter - prewe	ighed
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.099 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000010 \text{mg/m}^3$	
Lab ID: 2100235-22 Sample ID: 4076-7074		Date Sampled: 01/29/2021	Air Volume:869 Liters
Sample Description: AMS2 012921	T. 4 13/	Matrix: PVC Filter - prewe	ighed
Analyte	Total Mass	<u>Concentration</u>	
Fotal Particulates	< 100 μg	$< 0.12 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000012 \text{mg/m}^3$	
Lab ID: 2100235-23 Sample ID: 4076-7116		Date Sampled: 01/29/2021	Air Volume:846 Liters
Sample Description: AMS3 012921	Total Mass	Matrix: PVC Filter - prewe	ignea
Analyte Fotal Posticulates	Total Mass	Concentration 0.12 mg/m ³	
Total Particulates	< 100 μg	$< 0.12 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000012 \text{mg/m}^3$	
Lab ID: 2100235-24 Sample ID: 4076-7079		Date Sampled: 01/29/2021	Air Volume:901 Liters
Sample Description: AMS4 012921 Analyte	Total Mass	Matrix: PVC Filter - prewe Concentration	igneu
	·	<u> </u>	
Total Particulates	< 100 μg	$< 0.11 \text{mg/m}^3$	
	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$	
Chromium VI Compounds, as Cr	Page 3 of 4	_	

Lab ID: 2100235-25 Sample ID: 4076-7073 Date Sampled: 02/01/2021 Air Volume:9290 Liters Matrix: PVC Filter - preweighed AMS5 020121 **Sample Description:**

Analyte Total Mass Concentration **Total Particulates** 100 µg $0.011 \, \text{mg/m}^3$ < < Chromium VI Compounds, as Cr $0.010 \mu g$ $0.0000011 \, \text{mg/m}^3$

Lab ID: 2100235-26 Sample ID: 4076-7117 **Date Sampled: Not Provided** Matrix: PVC Filter - preweighed Sample Description: BLANK

Analyte Total Mass Total Particulates < $100 \mu g$ Chromium VI Compounds, as Cr $0.010 \mu g$

Lab ID: 2100235-27 Sample ID: 4076-7118 **Date Sampled: Not Provided Sample Description:** BLANK Matrix: PVC Filter - preweighed

Analyte Total Mass Total Particulates 100 μg Chromium VI Compounds, as Cr $0.010 \mu g$

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

<u>Analyte</u>	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium VI Compounds, as Cr	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	02/12/2021	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	02/09/2021	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key Less than micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million Greater than milligrams ppb parts per billion milligrams per cubic meter mg/m3 mg

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7om Surveski Josef Chrzanowski Josef Chrzanowski Approved by: Marcel F. Baril Marcel F. Baril Tom Surveski

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100252

Date Received: 02/11/2021 Date Reported: 02/17/2021

Location: Site 174

Lab ID: 2100252-01 Sample ID: 4076-7112		Date Sampled: 02/04/2021 Air Volume:907 Liters	
Sample Description: AMS1 020421		Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.11 mg/m ³	
Chromium VI Compounds, as Cr	$< 0.010 \mu g$	$< 0.000011 \text{mg/m}^3$	

Lab ID: 2100252-02 Sample ID: 4076-7110		Date Sampled: 02/04/2021 Air Volume:786 Liters	
Sample Description: AMS2 020421	Matrix: PVC Filter - preweighed		
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	< 0.13 mg/m ³	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000013 mg/m^3$	

Lab ID: 2100252-03 Sample ID: 4076-7111	Date Sampled: 02/05/2021 Air Volume:3094 Liters		
Sample Description: AMS5 020521	Matrix: PVC Filter - preweighed		
Analyte	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.032 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000033 \text{ mg/m}^3$	

Lab ID: 2100252-04 Sample ID: 4076-7114		Date Sampled: 02/05/2021 Air Volume:779 Liters
Sample Description: AMS1 020521		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.13 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000013 \mathrm{mg/m^3}$

Lab ID: 2100252-05 Sample ID: 4076-7113		Date Sampled: 02/05/2021 Air Volume:720 Liters	
Sample Description: AMS2 020521		Matrix: PVC Filter - preweighed	
Analyte	Total Mass	Concentration	
Total Particulates	$<$ 100 μg	$< 0.14 \text{mg/m}^3$	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000014 mg/m^3$	

Lab ID: 2100252-06 Sample ID: 4076-7119	Date Sampled: 02/08/2021 Air Volume:9913 Liters		
Sample Description: AMS5 020821	Matrix: PVC Filter - preweighed		
Analyte	Total Mass	Concentration	
Total Particulates	130 μg	$0.014\mathrm{mg/m^3}$	
Chromium VI Compounds, as Cr	0.026 μg	$0.0000026 \mathrm{mg/m^3}$	

Lab ID: 2100252-07	Sample ID: 4076-7105	Date Sampled: Not Provided
Sample Description:	Blank	Matrix: PVC Filter - preweighed

 $\begin{tabular}{lll} \hline Analyte & & \underline{Total \, Mass} \\ \hline Total \, Particulates & < & 100 \, \mu g \\ \hline Chromium \, VI \, Compounds, as \, Cr & < & 0.010 \, \mu g \\ \hline \end{tabular}$

Lab ID: 2100252-08 Sample ID: 4076-7106 Date Sampled: Not Provided

Sample Description: Blank Matrix: PVC Filter - preweighed

Analyte

Total Mass

Total Particulates

100 μg

Chromium VI Compounds, as Cr

 $0.010 \, \mu g$

Folder Comments:

The particulate and chromium (VI) sample results have been blank corrected.

Analyte	Media Type	MRL	Analytical Method	Analysis Date	Analyst
Chromium VI Compounds, as Cr	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	02/16/2021	JAF
Total Particulates	PVC Filter - preweighed	100 μg	TIC-GRV-01: NIOSH 0500	02/12/2021	SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Less than μg micrograms μg/m³ micrograms per cubic meter ppm parts per million
 Greater than mg milligrams mg/m³ milligrams per cubic meter ppb parts per billion

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Approved by:

7om Surveski

Tom Surveski QA Director Josef Chrzanowski

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Marcel F. Baril 2nd Vice President



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Chromium VI Compounds, as Cr

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100288

Date Received: 02/17/2021 Date Reported: 02/26/2021

Location: Site 174

120141111111111111111111111111111111111	Loca	uion: Site 1/4
Matt Luppino		
Emilcott Associates		
Lab ID: 2100288-01 Sample ID: 4076-7107		Date Sampled: 02/08/2021 Air Volume:602 Liters
Sample Description: AMS1 020821	Total Mass	Matrix: PVC Filter - preweighed Concentration
Analyte Total Particulates		
	< 100 μg	$< 0.17 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000017 \mathrm{mg/m^3}$
Lab ID: 2100288-02 Sample ID: 4076-7108		Date Sampled: 02/08/2021 Air Volume:587 Liters
Sample Description: AMS2 020821	m . 135	Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.17 \mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000017 \mathrm{mg/m^3}$
Lab ID: 2100288-03 Sample ID: 4076-7109		Date Sampled: 02/09/2021 Air Volume:2984 Liters
Sample Description: AMS5 020921		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.034 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000034 \mathrm{mg/m^3}$
Lab ID: 2100288-04 Sample ID: 4076-7104		Date Sampled: 02/09/2021 Air Volume:1157 Liters
Sample Description: AMS1 020921		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.086\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000088 \text{ mg/m}^3$
Lab ID: 2100288-05 Sample ID: 4076-7103		Date Sampled: 02/09/2021 Air Volume:1050 Liters
Sample Description: AMS2 020921		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.095 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000097 \text{ mg/m}^3$
Lab ID: 2100288-06 Sample ID: 4076-7101		Date Sampled: 02/09/2021 Air Volume:913 Liters
Sample Description: AMS3 020921		Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.11 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.000011 \mathrm{mg/m^3}$
Lab ID: 2100288-07 Sample ID: 4076-7100		Date Sampled: 02/09/2021 Air Volume:942 Liters
Sample Description: AMS4 020921	_	Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.11 mg/m ³
CI ' VIC 1 C	. 0.010	0.000011 / 3

Page 1 of 4

 $0.000011 \, mg/m^3$

Laboratory Number: 2100288

 $0.010\ \mu g$

	nple ID: 4076-7102 IS5 021021				mpled: 02/10/2021 PVC Filter - prewei	Air Volume:3204 Liters
Analyte	155 021021	To	tal Mass	IVIIII IA.	Concentration	Silva
Total Particulates		<	100 μg	<	0.031 mg/m ³	
Chromium VI Compounds	as Cr	<	0.010 μg	<	$0.0000032 \mathrm{mg/m^3}$	
	,		***** P.8			
Lab ID: 2100288-09 Sar	nple ID: 4076-7099			Date Sa	mpled: 02/10/2021	Air Volume:1042 Liters
Sample Description: AM	IS1 021021			Matrix:	PVC Filter - prewei	ghed
<u>Analyte</u>		<u>To</u>	tal Mass		Concentration	
Total Particulates		<	100 μg	<	$0.096\mathrm{mg/m^3}$	
Chromium VI Compounds	, as Cr		0.011 μg		$0.000011 mg/m^3$	
Lab ID: 2100288-10 Sar	nple ID: 4076-7098			Date Sa	mpled: 02/10/2021	Air Volume:919 Liters
Sample Description: AN	1S2 021021			Matrix:	PVC Filter - prewei	ghed
<u>Analyte</u>		<u>To</u>	tal Mass		Concentration	
Total Particulates		<	$100 \mu g$	<	0.11 mg/m^3	
Chromium VI Compounds	, as Cr	<	$0.010~\mu g$	<	$0.000011 mg/m^3$	
Lab ID: 2100288-11 Sar	nple ID: 4076-7096			Date Sa	mpled: 02/10/2021	Air Volume:914 Liters
Sample Description: AM	IS3 021021			Matrix:	PVC Filter - prewei	ghed
<u>Analyte</u>		<u>To</u>	tal Mass		Concentration	
Total Particulates		<	100 μg	<	0.11 mg/m^3	
Chromium VI Compounds	, as Cr	<	$0.010~\mu g$	<	$0.000011 mg/m^3$	
Lab ID: 2100288-12 Sar	nple ID: 4076-7097			Date Sa	mpled: 02/10/2021	Air Volume:944 Liters
Sample Description: AN	IS4 021021			Matrix:	PVC Filter - prewei	ghed
<u>Analyte</u>		<u>To</u>	tal Mass		Concentration	
Total Particulates		<	100 μg	<	0.11mg/m^3	
Chromium VI Compounds	, as Cr	<	0.010 μg	<	$0.000011 mg/m^3$	
Lab ID: 2100288-13 Sar	nple ID: 4076-7095				mpled: 02/11/2021	Air Volume:3062 Liters
• •	<u>185 021121</u>		. 135	Matrix:	PVC Filter - prewei	ghed
Analyte			otal Mass		Concentration	
Fotal Particulates		<	100 μg	<	0.033mg/m^3	
Chromium VI Compounds	, as Cr	<	0.010 μg	<	0.0000033 mg/m ³	
	nple ID: 4076-7040				mpled: 02/11/2021	Air Volume:725 Liters
	IS1 021121		4.137	Matrix:	PVC Filter - prewei	ghed
Analyte			otal Mass		Concentration	
Total Particulates	_	<	100 μg	<	$0.14\mathrm{mg/m^3}$	
Chromium VI Compounds	, as Cr	<	0.010 μg	<	0.000014mg/m^3	
	nple ID: 4076-7042				mpled: 02/11/2021	Air Volume:685 Liters
Sample Description: AN	182 021121	_	. 135	Matrix:	PVC Filter - prewei	ghed
<u>Analyte</u>			otal Mass		Concentration	
Total Particulates		<	100 μg	<	0.15 mg/m^3	
Chromium VI Compounds	, as Cr	<	0.010 μg	<	$0.000015 mg/m^3$	
	nple ID: 4076-7044				mpled: 02/11/2021	Air Volume:719 Liters
Sample Description: AN	1S3 021121			Matrix:	PVC Filter - prewei	ghed

 $\begin{array}{c|cccc} \underline{\textbf{Analyte}} & \underline{\textbf{Total Mass}} & \underline{\textbf{Concentration}} \\ \text{Total Particulates} & < 100 \, \mu \text{g} & < 0.14 \, \text{mg/m}^3 \\ \text{Chromium VI Compounds, as Cr} & < 0.010 \, \mu \text{g} & < 0.000014 \, \text{mg/m}^3 \\ \end{array}$

 Lab ID: 2100288-17
 Sample ID: 4076-7043
 Date Sampled: 02/11/2021
 Air Volume:740 Liters

 Sample Description:
 AMS4 021121
 Matrix: PVC Filter - preweighed

 Analyte
 Total Mass
 Concentration

 Total Particulates
 < 100 μg</td>
 < 0.14 mg/m³</td>

 $0.010 \mu g$

 $0.000014 \, mg/m^3$

Date Sampled: Not Provided

 Sample Description:
 BLANK
 Matrix:
 PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 $0.010 \mu g$

Lab ID: 2100288-21 Sample ID: 4076-7041 Date Sampled: Not Provided Sample Description: BLANK Matrix: PVC Filter - preweighed

 Analyte
 Total Mass

 Total Particulates
 < 100 μg</td>

 Chromium VI Compounds, as Cr
 < 0.010 μg</td>

Folder Comments:

Lab ID: 2100288-20

Chromium VI Compounds, as Cr

Chromium VI Compounds, as Cr

The particulate and chromium (VI) sample results have been blank corrected.

Sample ID: 4076-7035

MRL Analyte Media Type Analytical Method **Analysis Date** Analyst Chromium VI Compounds, as Cr PVC Filter - preweighed 0.010 μg TIC-IC-07: Modified OSHA ID 215 02/24/2021 JAF Total Particulates PVC Filter - preweighed 100 μg TIC-GRV-01: NIOSH 0500 02/22/2021 SKP

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

 Kev

 <</td>
 Less than
 μg
 micrograms
 μg/m³
 micrograms per cubic meter
 ppm
 parts per million

 >
 Greater than
 mg
 milligrams
 mg/m³
 milligrams per cubic meter
 ppb
 parts per billion

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Approved by:

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AIHA-LAP, LLC Accredited Laboratory ID 100126

Laboratory Number: 2100474

Date Received: 03/17/2021 Date Reported: 03/23/2021

Location: Site 174

Lab ID: 2100474-01 Sample ID: 4076-7037		Date Sampled: 03/08/2021 Air Volume:667 Liters
Sample Description: AMS1 030821		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.15 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000015 \text{ mg/m}^3$
Lab ID: 2100474-02 Sample ID: 4076-7034		Date Sampled: 03/08/2021 Air Volume:1208 Liters
Sample Description: AMS2 030821	T (1M	Matrix: PVC Filter - preweighed
Analyte To a Decirio La	Total Mass	<u>Concentration</u>
Total Particulates	< 100 μg	< 0.083 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000084 \text{ mg/m}^3$
Lab ID: 2100474-03 Sample ID: 4076-7031 Sample Description: AMS3 030821		Date Sampled: 03/08/2021 Air Volume:1251 Liters Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.080 \text{mg/m}^3$
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000082 \text{ mg/m}^3$
Lab ID: 2100474-04 Sample ID: 4076-7030		Date Sampled: 03/08/2021 Air Volume:1199 Liters
Sample Description: AMS4 030821		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.083 \text{ mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000085 \text{ mg/m}^3$
Lab ID: 2100474-05 Sample ID: 4076-7020		Date Sampled: 03/09/2021 Air Volume:3024 Liters
Sample Description: AMS5 030921 Analyte	Total Mass	Matrix: PVC Filter - preweighed Concentration
Total Particulates	<u> </u>	
		g
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000034 \mathrm{mg/m^3}$
Lab ID: 2100474-06 Sample ID: 4076-7023 Sample Description: AMS1 030921		Date Sampled: 03/09/2021 Air Volume:1258 Liters Matrix: PVC Filter - preweighed
Analyte	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.079 mg/m³
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000081 mg/m ³
omonium 11 compounds, as of	- 0.010 μg	. 0.0000001 mg m
Lab ID: 2100474-07 Sample ID: 4076-7029		Date Sampled: 03/09/2021 Air Volume:1279 Liters
Sample Description: AMS2 030921		Matrix: PVC Filter - preweighed

Page 1 of 5

Concentration

Laboratory Number: 2100474

Total Mass

Total Laticulates	100 μ5	0.070 mg/m	
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.0000080mg/m^3$	
Lab ID: 2100474-08 Sample ID: 4076-7024		Date Sampled: 03/09/2021	Air Volume:1248 Liters
Sample Description: AMS3 030921		Matrix: PVC Filter - prewei	ghed
<u>Analyte</u>	Total Mass	Concentration	
Total Particulates	< 100 μg	$< 0.080 mg/m^3$	
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000082 mg/m^3$	
Lab ID: 2100474-09 Sample ID: 4076-7038 Sample Description: AMS4 030921		Date Sampled: 03/09/2021	Air Volume:1279 Liters
Sample Description: AMS4 030921 Analyte	<u>Total Mass</u>	Matrix: PVC Filter - prewei	gneu
Total Particulates	<u>rotar 19433</u> < 100 μg	< 0.078 mg/m ³	
		_	
Chromium VI Compounds, as Cr	$<~0.010~\mu g$	< 0.0000080 mg/m ³	
Lab ID: 2100474-10 Sample ID: 4076-7032		Date Sampled: 03/10/2021 Matrix: PVC Filter - prewei	Air Volume:2935 Liters
Sample Description: AMS5 031021 Analyte	Total Mass	Concentration	gneu
Total Particulates	<u>10tai Mass</u> < 100 μg	< 0.034 mg/m ³	
	. 0	_	
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000035 mg/m ³	
Lab ID: 2100474-11 Sample ID: 4076-7028		Date Sampled: 03/10/2021	Air Volume:1259 Liters
Sample Description: AMS1 031021	Total Mass	Matrix: PVC Filter - prewei	gned
Analyte	Total Mass	Concentration 0.070 m g/m ³	
Fotal Particulates	< 100 μg	$< 0.079 \mathrm{mg/m^3}$	
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000081 mg/m ³	
Lab ID: 2100474-12 Sample ID: 4076-7026		Date Sampled: 03/10/2021	Air Volume:1266 Liters
Sample Description: AMS2 031021 Analyte	Total Mass	Matrix: PVC Filter - prewei	gnea
Total Particulates	< 100 μg	< 0.079 mg/m ³	
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000081 mg/m ³	
Enrollmun vi Compounds, as Ci	< 0.010 μg	< 0.0000081 Hig/III	
Lab ID: 2100474-13 Sample ID: 4076-7033 Sample Description: AMS3 031021			Air Volume:1288 Liters
Sample Description: AMS3 031021		Date Sampled: 03/10/2021	
Analyte	Total Mass	Matrix: PVC Filter - prewei	
	Total Mass	Matrix: PVC Filter - prewei	
Total Particulates	< 100 μg	Matrix: PVC Filter - prewei Concentration < 0.078 mg/m³	
Total Particulates	<u></u>	Matrix: PVC Filter - prewei	
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027	< 100 μg	Matrix: PVC Filter - prewell Concentration < 0.078 mg/m³ < 0.0000079 mg/m³ Date Sampled: 03/10/2021	Air Volume:1234 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027 Sample Description: AMS4 031021	< 100 μg < 0.010 μg	Matrix: PVC Filter - prewein Concentration 0.078 mg/m³ 0.0000079 mg/m³ Date Sampled: 03/10/2021 Matrix: PVC Filter - prewein	Air Volume:1234 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027 Sample Description: AMS4 031021 Analyte	< 100 μg < 0.010 μg Total Mass	Matrix: PVC Filter - preweit Concentration < 0.078 mg/m³ < 0.0000079 mg/m³ Date Sampled: 03/10/2021 Matrix: PVC Filter - preweit Concentration	Air Volume:1234 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027 Sample Description: AMS4 031021 Analyte Total Particulates	 100 μg 0.010 μg Total Mass 100 μg 	Matrix: PVC Filter - prewel Concentration < 0.078 mg/m³ < 0.0000079 mg/m³ Date Sampled: 03/10/2021 Matrix: PVC Filter - prewel Concentration < 0.081 mg/m³	Air Volume:1234 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027 Sample Description: AMS4 031021 Analyte Total Particulates	< 100 μg < 0.010 μg Total Mass	Matrix: PVC Filter - preweit Concentration < 0.078 mg/m³ < 0.0000079 mg/m³ Date Sampled: 03/10/2021 Matrix: PVC Filter - preweit Concentration	Air Volume:1234 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027 Sample Description: AMS4 031021 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-15 Sample ID: 4076-7025	 100 μg 0.010 μg Total Mass 100 μg 	Concentration	Air Volume:1234 Liters ighed Air Volume:2978 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027 Sample Description: AMS4 031021 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-15 Sample ID: 4076-7025 Sample Description: AMS5 031121	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 	Matrix: PVC Filter - preweit Concentration < 0.078 mg/m³ < 0.0000079 mg/m³ Date Sampled: 03/10/2021 Matrix: PVC Filter - preweit Concentration < 0.081 mg/m³ < 0.0000083 mg/m³ Date Sampled: 03/11/2021 Matrix: PVC Filter - preweit	Air Volume:1234 Liters ighed Air Volume:2978 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-14 Sample ID: 4076-7027 Sample Description: AMS4 031021 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-15 Sample ID: 4076-7025 Sample Description: AMS5 031121 Analyte	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 	Matrix: PVC Filter - prewel Concentration < 0.078 mg/m³ < 0.0000079 mg/m³ Date Sampled: 03/10/2021 Matrix: PVC Filter - prewel Concentration < 0.081 mg/m³ < 0.0000083 mg/m³ Date Sampled: 03/11/2021 Matrix: PVC Filter - prewel Concentration	Air Volume:1234 Liters ighed Air Volume:2978 Liters
Sample Description: AMS4 031021 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-15 Sample ID: 4076-7025	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 	Matrix: PVC Filter - preweit Concentration < 0.078 mg/m³ < 0.0000079 mg/m³ Date Sampled: 03/10/2021 Matrix: PVC Filter - preweit Concentration < 0.081 mg/m³ < 0.0000083 mg/m³ Date Sampled: 03/11/2021 Matrix: PVC Filter - preweit	Air Volume:1234 Liters ighed Air Volume:2978 Liters

 $100~\mu g$

Total Particulates

 $0.078\,mg/m^3$

Lab ID: 2100474-16 Sample ID: 4076-7022 Sample Description: AMS1 031121		Date Sampled: 03/11/2021 Air Volume:1185 Liters Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	$< 0.084 \text{ mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	< 0.0000086 mg/m ³
Cincinian (1 Compounds, as C.	01010 FB	on our of the second se
Lab ID: 2100474-17 Sample ID: 4076-7021		Date Sampled: 03/11/2021 Air Volume:1216 Liters
Sample Description: AMS2 031121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	110 µg	0.093 mg/m^3
Chromium VI Compounds, as Cr	0.012 μg	0.0000095 mg/m^3
Lab ID: 2100474-18 Sample ID: 4076-7066		Date Sampled: 03/11/2021 Air Volume:1219 Liters
Sample Description: AMS3 031121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	$<$ 100 μg	$< 0.082 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000084 \mathrm{mg/m^3}$
Lab ID: 2100474-19 Sample ID: 4076-7056		Date Sampled: 03/11/2021 Air Volume:1221 Liters
Sample Description: AMS4 031121		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.082 \text{mg/m}^3$
Chromium VI Compounds, as Cr	0.011 μg	$0.0000087 mg/m^3$
Lab ID: 2100474-20 Sample ID: 4076-7061		Date Sampled: 03/12/2021 Air Volume:2939 Liters
Sample Description: AMS5 031221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	120 μg	0.041 mg/m^3
Chromium VI Compounds, as Cr	0.012 μg	0.0000042 mg/m^3
Lab ID: 2100474-21 Sample ID: 4076-7058		Date Sampled: 03/12/2021 Air Volume:1203 Liters
Sample Description: AMS1 031221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	$< 0.083 \text{mg/m}^3$
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000085 \text{mg/m}^3$
Lab ID: 2100474-22 Sample ID: 4076-7057		Date Sampled: 03/12/2021 Air Volume:1229 Liters
Sample Description: AMS2 031221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.081 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000083 \text{ mg/m}^3$
Lab ID: 2100474-23 Sample ID: 4076-7062		Date Sampled: 03/12/2021 Air Volume:1255 Liters
Sample Description: AMS3 031221		Matrix: PVC Filter - preweighed
<u>Analyte</u>	<u>Total Mass</u>	Concentration
Total Particulates	< 100 μg	< 0.080 mg/m ³
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000081 \text{ mg/m}^3$
Lab ID: 2100474-24 Sample ID: 4076-7055		Date Sampled: 03/12/2021 Air Volume:1220 Liters
Sample Description: AMS4 031221		Matrix: PVC Filter - preweighed

Analyte	Total Mass	Concentration
Total Particulates	<u>110 μg</u>	0.088 mg/m ³
		-
Chromium VI Compounds, as Cr	< 0.010 μg	$< 0.0000084 \text{ mg/m}^3$
Lab ID: 2100474-25 Sample ID: 4076-7067		Date Sampled: 03/15/2021 Air Volume:8868 Liters
Sample Description: AMS5 031521		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	150 μg	$0.016\mathrm{mg/m^3}$
Chromium VI Compounds, as Cr	0.011 μg	0.0000013 mg/m^3
L L ID ALONGE A C. C. L ID AND TO SEC.		D. C. LL V. D. LL
Lab ID: 2100474-26 Sample ID: 4076-7063		Date Sampled: Not Provided
Sample Description: BLANK Analyte	Total Mass	Matrix: PVC Filter - preweighed
Total Particulates	<u></u>	
	< 100 μg	
Chromium VI Compounds, as Cr	< 0.010 μg	
Lab ID: 2100474-28 Sample ID: 4076-7046		Date Sampled: 03/13/2021 Air Volume:783 Liters
Sample Description: AMS1 031321		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Total Particulates	< 100 μg	< 0.13 mg/m ³
Chromium VI Compounds, as Cr	$<$ 0.010 μg	$< 0.000013 \text{mg/m}^3$
Lab ID: 2100474-29 Sample ID: 4076-7047		Date Sampled: 03/13/2021 Air Volume:741 Liters
Sample Description: AMS2 031321		Matrix: PVC Filter - preweighed
Analyte	Total Mass	Concentration
Analyte Total Particulates	Total Mass < 100 μg	Concentration < 0.13 mg/m³
	·	
Total Particulates	< 100 μg	$< 0.13 \text{ mg/m}^3$
Total Particulates Chromium VI Compounds, as Cr	< 100 μg	< 0.13 mg/m³ < 0.000014 mg/m³
Total Particulates Chromium VI Compounds, as Cr	< 100 μg	< 0.13 mg/m ³ < 0.000014 mg/m ³
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050	< 100 μg	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321	< 100 μg < 0.010 μg	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte	< 100 μg < 0.010 μg Total Mass	< 0.13 mg/m³ < 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed Concentration
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates	< 100 μg < 0.010 μg Total Mass < 100 μg	<pre></pre>
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr	< 100 μg < 0.010 μg Total Mass < 100 μg	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates	< 100 μg < 0.010 μg Total Mass < 100 μg	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051	< 100 μg < 0.010 μg Total Mass < 100 μg	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed Concentration 0.14 mg/m³ 0.000015 mg/m³ Date Sampled: 03/13/2021 Air Volume:694 Liters
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed Concentration 0.14 mg/m³ 0.000015 mg/m³ Date Sampled: 03/13/2021 Air Volume:694 Liters Matrix: PVC Filter - preweighed
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321 Analyte	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 	<pre></pre>
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321 Analyte Total Particulates	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 100 μg 	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed Concentration 0.14 mg/m³ 0.000015 mg/m³ Date Sampled: 03/13/2021 Air Volume:694 Liters Matrix: PVC Filter - preweighed Concentration 0.14 mg/m³
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321 Analyte Total Particulates	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 100 μg 	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed Concentration 0.14 mg/m³ 0.000015 mg/m³ Date Sampled: 03/13/2021 Air Volume:694 Liters Matrix: PVC Filter - preweighed Concentration 0.14 mg/m³
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321 Analyte Total Particulates Chromium VI Compounds, as Cr	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 100 μg 	 < 0.13 mg/m³ < 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-32 Sample ID: 4076-7059	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 100 μg 	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-32 Sample ID: 4076-7059 Sample Description: BLANK	 100 μg 0.010 μg 100 μg 0.010 μg 0.010 μg 0.010 μg 0.010 μg 	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed
Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-30 Sample ID: 4076-7050 Sample Description: AMS3 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-31 Sample ID: 4076-7051 Sample Description: AMS4 031321 Analyte Total Particulates Chromium VI Compounds, as Cr Lab ID: 2100474-32 Sample ID: 4076-7059 Sample Description: BLANK Analyte	 100 μg 0.010 μg Total Mass 100 μg 0.010 μg 100 μg 0.010 μg 	 0.13 mg/m³ 0.000014 mg/m³ Date Sampled: 03/13/2021 Air Volume:692 Liters Matrix: PVC Filter - preweighed

Analyte	Media Type	MRL	Analytical Method	Analysis Date	<u>Analyst</u>
Chromium VI Compounds, as Cr	PVC Filter - preweighed	$0.010~\mu g$	TIC-IC-07: Modified OSHA ID 215	03/19/2021	JAF
Total Particulates	PVC Filter - preweighed	100 ug	TIC-GRV-01: NIOSH 0500	03/18/2021	GA

The method reporting limits (MRLs) listed are for normally processed samples. Samples requiring special processing (i.e. dilutions) may have elevated MRLs. "<" indicates that the contaminant may or may not be present at levels less than the MRL.

N.A. = Not Applicable

Key

Less than μg micrograms $\mu g/m^3$ micrograms per cubic meter ppm parts per million

For Greater than μg milligrams milligrams $\mu g/m^3$ milligrams per cubic meter ppb parts per billion

The reported data relate only to the samples as received by the Laboratory. The reported air concentrations have been calculated using information supplied by the customer and have NOT been adjusted to represent a Time Weighted Average (TWA). This report shall not be reproduced except in full, without written approval of the laboratory. The samples have been blank corrected and all samples were received in satisfactory condition unless otherwise noted. Information contained herein is not intended as, nor does it constitute, legal or professional advice, nor is it an endorsement of any source cited or information provided. In no event will Travelers or any of its subsidiaries and affiliates be liable in contract or in tort to anyone who has access to this information for the accuracy or completeness of the information relied upon in the preparation of this report. Readers should consult source articles for more detail. This publication does not amend, or otherwise affect, the provisions or coverages of any insurance policy or bond issued by Travelers, nor is it a representation that coverage does or does not exist for any particular claim or loss under any such policy or bond. Coverage depends on the facts and circumstances involved in the claim or loss, all applicable policy or bond provisions, and any applicable law.

Approved by:

7om Surveski

Tom Surveski QA Director Josef Chrzanowski

Josef Chrzanowski IH Laboratory Director Marcel 7. Baril

Marcel F. Baril 2nd Vice President



Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 August 31, 2021

Account# 14809

Login# L544866

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on August 24, 2021. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No.: L544866

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- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

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National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license

Legend

< - Less than MDL - Method Detection Limit mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sqsqalson.com Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 13-AUG-21 - 20-AUG-21

Date Received : 24-AUG-21

Account No.: 14809

Login No. : L544866

Date Analyzed : 25-AUG-21
Report ID : 1261761

Approved by: CMP

Total Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
Dampie 1D	100 10	11001		
21-0194873	L544866-1	3106	0.18	0.059
21-0194872	L544866-2	814	0.12	0.14
21-0194861	L544866-3	500	<0.050	<0.10
21-0194851	L544866-4	2514	0.15	0.059
21-0194852	L544866-5	566	<0.050	<0.088
21-0194891	L544866-6	568	<0.050	<0.088
21-0194895	L544866-7	3201	0.23	0.071
21-0194907	L544866-8	1044	0.074	0.071
21-0194903	L544866-9	1093	<0.050	<0.046
Z225319161781	L544866-10	2914	<0.050	<0.017
21-0194910	L544866-11	962	<0.050	<0.052
21-0194880	L544866-12	964	0.057	0.059
21-0194879	L544866-13	2890	<0.050	<0.017
21-0194887	L544866-14	970	<0.050	<0.052
21-0194886	L544866-15	880	<0.050	<0.057
Z225319161779	L544866-16	3840	0.18	0.046

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: HVN

Date : 26-AUG-21

Supervisor : KEG



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6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 13-AUG-21 - 20-AUG-21

Date Received : 24-AUG-21

Account No.: 14809 Login No. : L544866

Date Analyzed : 25-AUG-21

Report ID : 1261761

Approved by: CMP

Total Dust

		Air Vol	Total	Conc
<u>Sample ID</u>	<u>Lab ID</u>	liter	mg	mg/m3
21-0194867	L544866-17	964	<0.050	<0.052
21-0194877	L544866-18	874	<0.050	<0.057

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: HVN

Date : 26-AUG-21

Supervisor : KEG



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6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 13-AUG-21 - 20-AUG-21

Date Received : 24-AUG-21

Account No.: 14809

Login No. : L544866

Date Analyzed : 27-AUG-21
Report ID : 1262409

Hexavalent Chromium

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>uq</u>	ug/m3
21-0194873	L544866-1	3106	<0.030	<0.0097
21-0194872	L544866-2	814	<0.030	<0.037
21-0194861	L544866-3	500	<0.030	<0.060
21-0194851	L544866-4	2514	<0.030	<0.012
21-0194852	L544866-5	566	<0.030	<0.053
21-0194891	L544866-6	568	<0.030	<0.053
21-0194895	L544866-7	3201	<0.030	<0.0094
21-0194907	L544866-8	1044	<0.030	<0.029
21-0194903	L544866-9	1093	<0.030	<0.027
Z225319161781	L544866-10	2914	<0.030	<0.010
21-0194910	L544866-11	962	<0.030	<0.031
21-0194880	L544866-12	964	<0.030	<0.031
21-0194879	L544866-13	2890	<0.030	<0.010
21-0194887	L544866-14	970	<0.030	<0.031
21-0194886	L544866-15	880	<0.030	<0.034
Z225319161779	L544866-16	3840	<0.030	<0.0078

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: KLS

Date : 31-AUG-21

Supervisor : MWJ

Approved by: NKP



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 13-AUG-21 - 20-AUG-21

Date Received : 24-AUG-21

Account No.: 14809

Login No. : L544866

Date Analyzed : 27-AUG-21 Report ID : 1262409

Hexavalent Chromium

Sample ID	<u>Lab ID</u>	Air Vol liter	Total uq	Conc uq/m3
21-0194867	L544866-17	964	<0.030	<0.031
21-0194877	L544866-18	874	<0.030	<0.034

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: KLS

Date : 31-AUG-21

Supervisor : MWJ





GALSON

Client Name : Emilcott Associates

Site :

Project No. : PPG DCP

Date Sampled: 13-AUG-21 - 20-AUG-21 Account No.: 14809 Date Received: 24-AUG-21 Login No. : L544866

Date Analyzed: 25-AUG-21 - 27-AUG-21

L544866 (Report ID: 1261761):

6601 Kirkville Road

FAX: (315) 437-0571

www.sgsgalson.com

East Syracuse, NY 13057 (315) 432-5227

GRAVIMETRIC ANALYSIS CV = 0.0368; Avg. Recovery = 103.

SOPs: GRAV-SOP-5(31), GRAV-SOP-6(25)

L544866 (Report ID: 1261761):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Total Dust	+/-7.4%	103%

L544866 (Report ID: 1262409):

HEXAVALENT CHROMIUM CV = 0.0701; Avg. Recovery = 98.1

SOPs: IC-SOP-15(25)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L544866 (Report ID: 1262409):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-14%	98.1%

1Z208WX70362629115

Date:08/24/21 Shipper:UPS Initials:AJB



Prep:UNKNOWN

GALSON __ CHAIN OF CUSTODY

(85))

L54486	<i>SO</i>										
Turn Around Time (TA	AT): (surcharge	You may e	dit and complete this COC ele	ctronically by	logging in to you	Client Portal accou	nt at hitps://portal.galvonlabs.c	om/			·
Stand	ard 0%	_		_							-· ··· · · ·
4 Business Da	ays 35%	Client Acct	•	Mr. Care			Invoice To :	ACCO	UNTS PAYABLE		
3 Business Da	ays 50%	14809	Company Name :						cott Associates		
2 Business Da	ays 75%	Original Pr	Ni	25B Vree		·			Vreeland Road		
Next Day by 6	pm 100%	PS¥6192	Address 2.	Suite 10			Address 2 :				
Next Day by No	on 150%	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	City, State Zip :		Park, NJ 079	32			ham Park, NJ 0793	2	
Same [Day 200%	CS Rep:	Cell No. :	973 - 99	8 - 0908				- 765 - 0991		
[7] 6		EOLDRID					Email Address :		voice@emilcott.co	m	
✓ Samples submitted FreePumpLoan™ P			Comments:	CMRGGHTI	GOE.COM		P.O. No. :				
Samples submitted	using the	Online CO	C No.:				Payment info. :		ill call SGS Galson to pro	wide credit	card info
FreeSamplingBadg	es™ Program	229857					, a ,,,,,	== ' ' '	rd on File (enter the last t		
		İ									
Comments :							State Sample	<u> </u>	Please indicate which OE	I (a) this dat	a will be used for
COMMICCIES .							State Sample	- 1	□osha PEL □acgi⊦		
								- 1		Other	
									IAQ : Specify Limit(s)	_	Specify Other
Site Name : Project : PPG DCP Sampled By : List description of industry or Process/interferences present in sampling area :											
						iff lupper	O PROL	V6-15	(CONSMICHO)	<u>^</u>	
Sample ID ¹ (Maximum of 20 Ch		ate Sampled '	Collection Medium	١	iample Volume Sample Time Sample Area *	Liters Minutes in². cm². ft² *	Analysis Requested		Method Reference	^ Proc	avalent Chromium cess (e.g.; welding, ting, painting, etc.)
			2pc 37mm PW PVC				Hexavalent Chromium		mod, OSHA ID-215	 	3.1
				ļ.					(version 2); IC/	บง	
	İ			ļ			Total Dust		mod. NIOSH 0500;		
									Gravimetric		
							<u> </u>			<u> </u>	
	indicated on the					/preferred methods	. If this is not acceptable, check				
Chain of Custody		Print Name /	Signature	Date	Time	 	Print Name	/ Signa	ure	Date	Time
	1att lup	nig	761	8/23/	<u> </u>	Received By:	<u> </u>		- 110 - 4	-/1- · 11	
Relinquished By :				l		Received By:	Alisha Deno	<u>LCK</u>	3 STATE OF L	18/241	41037
						mples which you ár idered as next day's	-		Offline COC No. : Prep No. : Account No. :	PSY619242	-
										7/14/2021 2	:08:42 PM
	All ser	vices are rend	ered in accordance with the a	pplicable SGS	General Condition	ins of Service acces	sible via: Ettp://www.sgs.com/o	n/Term	s-end-Conditions.asp>		

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SOS North | 6601 Kirkville Road | E. Syracuse, NY 13057, USA | t +1 888 432 5227 | +1 315 432 5227 | www.galsonlabs.com | www.sgs.com



Sample ID * (Maximum of 20 Charact	Date Sampled *	Collection Medium	Sam	ole Volume nple Time ple Area *	Liters Minutes in², cm², ft² *	Analysis	Requested	Method Reference ^	Process	lent Chromit (e.g., weldi , painting, et
21-0/9487	3 , ,	2pc 37mm PW PVC	2.	67 I	0.1	Hexavalent (Chromium	mod. OSHA ID-215 (version 2); IC/U	™ e ya	recelion
	8/13/21		319	3106 L 2 -/M =		Total Dust		mod. NIOSH 0500; Gravimetric)
21-014487	2 2/1	2pc 37mm PW PVC	8	146	. /	Hexavalent (Chromium	mod. OSHA ID-215 (version 2); IC/U	rv	7
	8/13/21			2 4M F		Total Dust		mod. NIOSH 0500; Gravimetric	-	
21-019486	1 1.1.	2pc 37mm PW PVC	C	1	24M	Hexavalent (Chromium	mod. OSHA ID-215 (version 2); IC/U	īν	
	8/13/21		1 20	OL		Total Dust		mod. NIOSH 0500; Gravimetric		
21-01948	51	2pc 37mm PW PVC				Hexavalent (Chromium	mod. OSHA ID-215 (version 2); IC/U	rv	
	8/16/21	,	25	146	2 L/M	Total Dust		mod. NIOSH 0500; Gravimetric	1	,
21-01948	52	2pc 37mm PW PVC			,	Hexavalent (Chromium	mod. OSHA ID-215 (version 2); IC/U	, ,	1
	8/16/21		5	66 L	2 4/M	Total Dust		mod. NIOSH 0500; Gravimetric		/
						. ·				
^ If the method(s) indica	ted on the COC are not out	routine/preferred method(s), we will substitu	te our routine	preferred methods.	If this is not accept	able, check here t	o have us contact you.		
nain of Custody	Print Name / Si	gnature	Date	Time			Print Name / Sign	ature	Date	Time
elinquished By: Ma	44 luppino	Mit	8/23/21		Received By :			110		
elinquished By :		<u>.</u>	<u> </u>		Received By :	Alisha	Denack	June 1	812412	1105/

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SGS North 6601 Kirkville Road E. Syracuse, NY 13057, USA t+1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

Page 9 of 12

Report Reference:1 Generated:31-AUG-21 08:35



Comments :										
Sample ID (Maximum of 20 C		Date Sampled *	Collection Medium	n	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Process (ent Chromium e.g., welding, painting, etc.)
21-0194891		alul.	2pc 37mm PW PVC		<i>[[]]</i>	,	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	970	eve Lion
	,	8/16/21			568 L	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric		1
21-0194	1895	-1. 1.	2pc 37mm PW PVC			,	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		1
		8/17/21			3201 L	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric		
21-01949	107	8/17/31	2pc 37mm PW PVC		Laketi	0 /	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
		ונויוס			1044 L	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric		
21-01949	υ 3		2pc 37mm PW PVC		1093 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
_		8/17/21			10136	2-11	Total Dust	mod. NIOSH 0500; Gravimetric		
Z2253191	1.1781		2pc 37mm PW PVC				Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		,
2 22 31/1	1011	8/19/21			2914 L	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric		•
•		,	Ī I						_	
^ If the method(s)	indicated on t	he COC are not our	routine/preferred method(s	s), we will su	bstitute our routine	preferred methods.	. If this is not acceptable, check here	e to have us contact you.		
Chain of Custody		Print Name / Si	gnature	Date	Time		Print Name / Sig	nature	Date	Time
Relinquished By:	Matt (י פא ופכא	nac	8/03	3/21	Received By :	41			
Relinquished By :		11	,			Received By :	Alisha Benock	JABURAH 9	124/21	1057
*You must fill in these columns for any samples which you are submitting. Samples received after 3pm will be considered as next day's business. Samples received after 3pm will be considered as next day's business. Draft: 7/14/2021 2:08:42 PM										

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Page 10 of 12



Sample ID * (Maximum of 20 Character	Date Sampled *	Collection Medium		ole Volume ople Time	Liters Minutes	Analysis Requested	Method Reference ^	Hexavalent Chromiu Process (e.g., weldin
iwiaximum of 20 Character	5)		Samı	ple Area *	in², cm², ft² *			plating, painting, etc
21-01949/	0 11.10	2pc 37mm PW PVC	a l	62L	2 4/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	exambo
	8/18/31		''	9 4 6	·	Total Dust	mod. NIOSH 0500; Gravimetric	1
21-019880	8/18/21	2pc 37mm PW PVC	cı/	964 L 2 L/M		Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
	8 18 21		16			Total Dust	mod. NIOSH 0500; Gravimetric	
21-019487	19 // 10	2pc 37mm PW PVC	2 %	90 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
71-011101	1 8/17/21					Total Dust	mod. NIOSH 0500; Gravimetric	
21-0194877 per client. ZRK 8/24/21		2pc 37mm PW PVC	vc 814		2 Llm	Hexavalent Chromium	mod. 0SHA ID-215 (version 2); IC/UV	
21-019488	7 8 19/21			, –	X 11.	Total Dust	mod. NIOSH 0500; Gravimetric	
21-0194886		2pc 37mm PW PVC			0.1.	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
21-0111000	8/19/21	8/19/21	880 L		2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric	1
^ If the method(s) indicate	d on the COC are not our	routine/preferred method(s)), we will substitut	te our routine/	preferred methods.	If this is not acceptable, check here	e to have us contact you.	
ain of Custody	Print Name / Si	gnature	Date	Time		Print Name / Sig	nature	Date Time
linquished By: Mat	1 leppins	Mila	8/23/21		Received By :			
linquished By:	, ,	<u>-</u>			Received By :	Alisha Bendul	34511018	24/21/037

Page: 5 / 15

SGS North 6601 Kirkville Road E. Syracuse, NY 13057, USA t+1 888 432 5227 J+1 315 432 5227 www.galsonlabs.com www.sgs.com America,

Page 11 of 12 Report Reference:1 Generated:31-AUG-21 08:35



Comments :						-			
Sample II (Maximum of 20 (Date Sampled *	Collection Medium		ample Volume Sample Time ample Area *	Liters Minutes ìn², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
	79- 7	061.	2pc 37mm PW PVC	-4		2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	excarbin
2225319	161779	8/26/21			840 L		Total Dust	mod. NIOSH 0500; Gravimetric	
21 0194	21-0194867 8/20/21 2pc 37mm PW PVC 96		2pc 37mm PW PVC	G ())		2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
21-0177			964L X 27.		Total Dust	mod. NIOSH 0500; Gravimetric			
21-0194	887	11	2pc 37mm PW PVC	a	10 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	71/
		8/20/21		1702			Total Dust	mod. NIOSH 0500; Gravimetric	
			2pc 37mm PW PVC				Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
							Total Dust	mod. NIOSH 0500; Gravimetric	
			2pc 37mm PW PVC				Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
							Total Dust	mod. NIOSH 0500; Gravimetric	
						:			· •
^ If the method(s	s) indicated on t	he COC are not our	routine/preferred method(s)), we will subs	titute our routine	preferred methods.	If this is not acceptable, check here	to have us contact you.	
Chain of Custody		Print Name / Si	gnature	Date	Time		Print Name / Sig	nature	Date Time
Relinquished By:	Matt L	ppins 9	Mich	8/23/	2	Received By :			
Relinquished By:			-			Received By :	Alisha Benock	James 8	241211057
* You must fill in these columns for any samples which you are submitting. Prep No.: PSY619242 Samples received after 3pm will be considered as next day's business. Account No.: 14809 Draft: 7/14/2021 2:08:42 PM									
i	All	services are render	ed in accordance with the ac	oplicable SGS	General Condition	ons of Service access	ible via: http://www.sos.com/ch/Ter	rms-and-Conditions.aspx	· •

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Page 12 of 12 Report Reference:1 Generated:31-AUG-21 08:35



Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 September 08, 2021

Account# 14809

Login# L545468

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on August 31, 2021. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No. : L545468

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention
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 exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized
 alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the
 fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of
 significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the
 final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the
 one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditation/Recognition

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/international	Accreditation/ Necognition	Lab ID#	Program/sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license
	Regulation		

Lab ID#

Program/Sector

Legend

National /International

< - Less than MDL - Method Detection Limit ppb - Parts per Billion mg - Milligrams > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sqsqalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled : 23-AUG-21 - 27-AUG-21

Date Received : 31-AUG-21

Account No.: 14809 Login No. : L545468

Date Analyzed : 01-SEP-21 Report ID : 1262930

Approved by: JMR

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	mg	mg/m3
21-0194898	L545468-1	NA	<0.050	NA
21-0194883	L545468-2	NA	<0.050	NA
21-0194901	L545468-3	2874	0.054	0.019
21-0194866	L545468-4	978	<0.050	<0.051
21-0194894	L545468-5	982	<0.050	<0.051
21-0194902	L545468-6	2772	<0.050	<0.018
21-0194908	L545468-7	1244	0.056	0.045
21-0194899	L545468-8	1244	0.055	0.044
21-0194897	L545468-9	2918	0.11	0.036
21-0194860	L545468-10	1436	0.069	0.048
21-0194888	L545468-11	1436	0.064	0.045
21-0194896	L545468-12	2886	0.062	0.021
21-0194900	L545468-13	1096	0.072	0.066
21-0194854	L545468-14	1098	0.079	0.072
21-0194909	L545468-15	2892	0.085	0.029
21-0194890	L545468-16	894	0.078	0.087

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: HVN

Date : 02-SEP-21

Supervisor : KEG



GALSON

6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled : 23-AUG-21 - 27-AUG-21

Date Received : 31-AUG-21

Account No.: 14809 Login No. : L545468

Date Analyzed : 01-SEP-21 Report ID : 1262930

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>mg</u>	mg/m3
21-0194884	L545468-17	900	0.075	0.083

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: HVN Approved by: JMR

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 02-SEP-21

Collection Media : PVC PW 37mm Supervisor : KEG



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled : 23-AUG-21 - 27-AUG-21

Date Received : 31-AUG-21

Account No.: 14809 Login No. : L545468

Date Analyzed : 03-SEP-21 Report ID : 1263441

Approved by: NKP

Hexavalent Chromium

_	_	Air Vol	Total	Conc
<u>Sample ID</u>	<u>Lab ID</u>	liter	<u>uq</u>	<u>ug/m3</u>
21-0194898	L545468-1	NA	<0.030	NA
21-0194883	L545468-2	NA	<0.030	NA
21-0194901	L545468-3	2874	<0.030	<0.010
21-0194866	L545468-4	978	<0.030	<0.031
21-0194894	L545468-5	982	<0.030	<0.031
21-0194902	L545468-6	2772	<0.030	<0.011
21-0194908	L545468-7	1244	<0.030	<0.024
21-0194899	L545468-8	1244	<0.030	<0.024
21-0194897	L545468-9	2918	<0.030	<0.010
21-0194860	L545468-10	1436	<0.030	<0.021
21-0194888	L545468-11	1436	<0.030	<0.021
21-0194896	L545468-12	2886	<0.030	<0.010
21-0194900	L545468-13	1096	<0.030	<0.027
21-0194854	L545468-14	1098	<0.030	<0.027
21-0194909	L545468-15	2892	<0.030	<0.010
21-0194890	L545468-16	894	<0.030	<0.034

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: MCM

Date : 08-SEP-21

Supervisor : MWJ



GALSON

6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled : 23-AUG-21 - 27-AUG-21

Date Received : 31-AUG-21

Account No.: 14809 Login No. : L545468

Date Analyzed : 03-SEP-21
Report ID : 1263441

Approved by: NKP

Hexavalent Chromium

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>uq</u>	ug/m3
21-0194884	L545468-17	900	<0.030	<0.033

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug Submitted by: MCM

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV Date : 08-SEP-21

Collection Media : PVC PW 37mm Supervisor : MWJ





Client Name : Emilcott Associates : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled: 23-AUG-21 - 27-AUG-21 Account No.: 14809 Date Received: 31-AUG-21 Login No. : L545468

Date Analyzed: 01-SEP-21 - 03-SEP-21

FAX: (315) 437-0571 www.sgsgalson.com

L545468 (Report ID: 1262930):

6601 Kirkville Road

East Syracuse, NY 13057 (315) 432-5227

GRAVIMETRIC ANALYSIS CV = 0.0368; Avg. Recovery = 103.

SOPs: GRAV-SOP-5(31), GRAV-SOP-6(25)

L545468 (Report ID: 1262930):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Total Dust	+/-7.4%	103%

L545468 (Report ID: 1263441):

HEXAVALENT CHROMIUM CV = 0.0701; Avg. Recovery = 98.1

SOPs: IC-SOP-15(25)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L545468 (Report ID: 1263441):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-14%	98.1%

1Z5846RU0301480268 Date: 08/31/21 Shipper: UPS

Prep:UNKNOWN

Initials:BGF C545468



GALSON CHAIN OF CUSTODY

Turn Around Time (1	TAT): (sure	charge)	You may edit	and complete this COC elec	tronically by l	ogging in to your	Client Portal accou	nt at https://porta	na, adeinovlapa, b	un/				
Stand	dard (0%	* * *	······································									*	
4 Business D	Days 3	,,,,,	Client Acct No		Mr. Carey						S PAYABLE			
3 Business D	Days 5	50%	14809	Company Name :				Con	•		t Associates			
2 Business [Days 7	75%	Original Prep		25B Vreel						eland Road			
Next Day by	6pm 1	00%	PSY619242	7001035 2	Suite 101				Address 2 :					
Next Day by N	loon 1	50%		City, State Zip :	973 - 998		32				Park, NJ 0793			
Same	Day 2	00%	CS Rep:	Cell No. :	7/3 - 330	- 0308		 Fr			.ce@emilcott.co		* ***	
			EOLDRIDGE	Email reports to :	cwi@emilc	ott com			Comments:	<u>apinvoi</u>	.ceecm11cocc.co		***************************************	
✓ Samples submitte FreePumpLoan™				Comments:	0,,400,41	000.00			P.O. No. :			<u> </u>		
Samples submitte	ed using the	,	Online COC N	0.:				P	ayment info. :	☐I will ca	all SGS Galson to pro	vide cred	it card info	—
FreeSamplingBad	lges™ Progr	ram	229857								n File (enter the last t			w)
Comments:				<u></u>		· · · · · · · · · · · · · · · · · · ·			State Sampled	: Plea:	se indicate which OE	L(s) this d	ata will be used	for :
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	_										Specify Limit(s)	_	Specify Other	-
Site Name: Dennis G	Ilius Pa	ιĸ	Projec	t: PPG DCP		Sampled By :	iff lupper	\0			or Process/interferen		nt in sampling a	rea :
Sample ID (Maximum of 20 C		Date	e Sampled *	Collection Medium		ample Volume Sample Time ample Area *	Liters Minutes in², cm², ft² *	Analys	sis Requested		Method Reference	^ Pr	exavalent Chromocess (e.g., welco ating, painting, o	ding,
21-01948	598			2pc 37mm PW PVC				Hexavalent	t Chromium		d. OSHA ID-215 ersion 2); IC/	עע		
21-01948	843	/	VA	Blanks		NA	NA	Total Dust	E	1	d. NIOSH 0500; avimetric			
									-21.25					
Ţ) indicated (routine/preferred method(s)	T		/preferred methods	. If this is not acc	·					
Chain of Custody		P	rint Name / Sig	gnature	Date	Time		W + 6 ^	Print Name /	Signature	01-02	Date		
Relinquished By :	Mutt	he	poino ,	117	8/36/3	<u> </u>	Received By :	Kris S	tone	¥#!!\$	_XI))YUL	8/31/	21 1031	0
Relinquished By :							Received By:			L/W 0				
							mples which you are idered as next day's	_			Online COC No. : Prep No. : Account No. : Draft :	PSY61924 14809	2:08:42 PM	ı,
		All servi	ces are render	ed in accordance with the ap	plicable SGS	General Condition	ons of Service access	sible via: (\tag{\pi})/\text{v}	www.sgs.com/er	Ternis-ani	d-Conditions.aspx			



Comments :										
Sample ID * (Maximum of 20 Cha	Date Sampled *	Collection Medium	Sar	ple Volume nple Time nple Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Ref	erence ^	Process	ent Chromium (e.g., welding, painting, etc.)
21-019490	1 8/23/21	2pc 37mm PW PVC	2,874 L		2 L/M	Hexavalent Chromium	mod. OSHA I		exc	anhion
	0/23/21					Total Dust	mod. NIOSH Gravimetric	=		1
Sample ID * (Maximum of 20 Characters) 21-0194901 21-0194866 21-0194894 21-0194902 31-0194903 Alf the method(s) indicated Chain of Custody Relinquished By:	8/23/21	2pc 37mm PW PVC	9	78 L	/ .	Hexavalent Chromium	mod. OSHA I (version 2)			
	0/23/21				2 4/1	Total Dust	mod. NIOSH Gravimetric	-		
21-019489	4 8/23/21	2pc 37mm PW PVC	98	12 L	2 1/	Hexavalent Chromium	mod. OSHA I (version 2)			
21-0194902	12/23/31				2 L/M	Total Dust	mod. NIOSH Gravimetric	•		
21-019490	2	2pc 37mm PW PVC		1711	2 1./	Hexavalent Chromium	mod. OSHA I			
	8/24/21			112 L	2 4/2	Total Dust	mod. NIOSH Gravimetric	-		
21-019490	a daylar	2pc 37mm PW PVC			الاه	Hexavalent Chromium	mod. OSHA I (version 2)	_)
	8/24/21		1,5	244 L	aym	Total Dust	mod. NIOSH Gravimetric	-		
^ If the method(s) in	dicated on the COC are not our	routine/preferred method(s)	, we will substitu	te our routine	preferred methods	. If this is not acceptable, check	here to have us contact y	you.		
Chain of Custody	Print Name / Sig	gnature	Date	Time		Print Name	/ Signature 😘 👣 👔	,	Date	Time
Relinquished By:					Received By:	Kris Stane	PHIC YMD	11 83	31/21	1036
Relinquished By :					Received By:		MAN Min.	<u> </u>		
					nples which you are dered as next day's	-	Pro	DC No. : 22985 ep No. : PSY61 int No. : 14809 Draft : 7/14/2	19242)	2 PM
	All services are rendere	ed in accordance with the ap	plicable SGS Ge	neral Conditio	ns of Service access	sible via: http://www.sgs.com/s	n/Terms-end-Conditions.	aspx		

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America, Report Reference:1 Generated:08-SEP-21 12:01 Page 9 of 11



Sample ID * (Maximum of 20 Characters)	Date Sampled *	Collection Medium	Sar	nple Volume mple Time nple Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Process	lent Chromiun (e.g., welding , painting, etc.)
11 219 11 11 11 11 11 11 11 11 11 11 11 11 1	1 1	2pc 37mm PW PVC			2 4/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	v 6×0	carebion
21-01948 99	8/24/21		1,2446		æ //W	Total Dust	mod. NIOSH 0500; Gravimetric		1
21-0194897	8/25/21	2pc 37mm PW PVC				Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	rv	
α /- στ. τ στ. τ	0/25/21		12,	918 L	2 4/2	Total Dust	mod. NIOSH 0500; Gravimetric		
21-0194860	elada.	2pc 37mm PW PVC	1.	101	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	rv	
a	8/25/21		1,	136 L	& -/M	Total Dust	mod. NIOSH 0500; Gravimetric		-
21-0194888	, ,	2pc 37mm PW PVC	11	10/1	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	rv	
21-0174788	8/25/21		1,7	136 L	7/4	Total Dust	mod. NIOSH 0500; Gravimetric		
21-0194896	.,,,	2pc 37mm PW PVC	0 ((4/)		- 1	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/U	v	1
21-01.1075	8/26/21		اکما	8 26 6	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric]
^ If the method(s) indicated on	the COC are not ou Print Name / S		, we will substitu Date	ute our routine/	preferred methods.	If this is not acceptable, check here	· · · · · · · · · · · · · · · · · · ·	Data	Time
Relinquished By :	Time Ivalle / 5	ignoture	Date	Time	Received By :	Print Name / Sign		8/31/21	
Relinquished By :					Received By :		(C. E)	0/2(10)	1000
					nples which you are dered as next day's	-	Account No.:	PSY619242	-42 PM

Page: 8 / 15

SGS North | 6601 Kirkville Road | E. Syracuse, NY 13057, USA | t +1 888 432 5227 | +1 315 432 5227 | www.galsonlabs.com | www.sgs.com

Report Reference:1 Generated:08-SEP-21 12:01 Page 10 of 11



GALSON

CHAIN OF CUSTODY

Comments :							Add took of a second		
Sample ID * (Maximum of 20 Char	Date Sampled	* Collection Medium	Sar	ple Volume mple Time nple Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Process	ent Chromium (e.g., welding painting, etc.)
21-019490	o class	2pc 37mm PW PVC		-0.4	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	PX	curling
	8/26/21		6	096 L	,	Total Dust	mod. NIOSH 0500; Gravimetric		}
21-019485	4	2pc 37mm PW PVC			2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		7
	8/26/21		10	098 L	, ,,,	Total Dust	mod. NIOSH 0500; Gravimetric		
21-019490	9 (12.1)	2pc 37mm PW PVC	,	c/Ca O .	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	,	
	8/27/21		م کر	892 L	& //··	Total Dust	mod. NIOSH 0500; Gravimetric		
21-019489	0 0	2pc 37mm PW PVC	αo	14 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	,	
	8/27/21			19 6	/ (0)	Total Dust	mod. NIOSH 0500; Gravimetric		
21-01948	84 0/1	2pc 37mm PW PVC	900 L		2 1 /	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	.]	
	84 8/27/21				2 1/~	Total Dust	mod. NIOSH 0500; Gravimetric		
^ If the method(s) ind	icated on the COC are not o	ur routine/preferred method(s)	, we will substitu	te our routine	preferred methods.	If this is not acceptable, check	here to have us contact you.		
Chain of Custody	Print Name /	Signature	Date	Time		Print Name		Date	Time
Relinquished By :				ļ	Received By:	Kape Schooler	YVIX ANVICE	8 31/21	1036
Relinquished By :					Received By :		Contract of the Barrier	•	
				-	nples which you are dered as next day's	_	Online COC No. : 22 Prep No. : Ps Account No. : 14 Draft : 7/	SY619242	2 PM
	All services are rend	ered in accordance with the ap	plicable SGS Ge	neral Conditio	ns of Service access	ible via: http://www.sgs.com/e	n/Terms-and-Conditions.aspx		

Page: 9 / 15

SGS North | 6601 Kirkville Road | E. Syracuse, NY 13057, USA | t+1 888 432 5227 | +1 315 432 5227 | www.galsonlabs.com | www.sgs.com Page 11 of 11 Report Reference:1 Generated:08-SEP-21 12:01

Member of the SGS Group (SGS SA)



Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 September 15, 2021

Account# 14809

Login# L546035

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on September 08, 2021. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No. : L546035

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention
 only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not
 exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized
 alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the
 fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of
 significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the
 final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the
 one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditation/Recognition

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license
	Regulation		

Lab ID#

Program/Sector

Legend

National/International

< - Less than MDL - Method Detection Limit ppb - Parts per Billion mg - Milligrams > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sqsqalson.com

Client : Emilcott Associates Account No.: 14809 Site : DENNIS COLLINS PARK Login No. : L546035

Project No. : PPG DCP

Date Sampled : 30-AUG-21 - 03-SEP-21 Date Analyzed : 09-SEP-21 Date Received : 08-SEP-21 Report ID : 1263957

Total Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
Bampic id	Hab ID	11001	<u> </u>	
21-0194856	L546035-1	NA	<0.050	NA
21-0194862	L546035-2	NA	<0.050	NA
21-0194889	L546035-3	2896	<0.050	<0.017
21-0194869	L546035-4	1014	0.051	0.050
21-0194868	L546035-5	1014	0.073	0.072
21-0194842	L546035-6	2898	0.052	0.018
21-0194893	L546035-7	920	<0.050	<0.054
21-0194878	L546035-8	920	<0.050	<0.054
21-0194850	L546035-9	2916	0.13	0.043
21-0194849	L546035-10	944	0.052	0.055
21-0194875	L546035-11	940	<0.050	<0.053
21-0194846	L546035-12	2814	<0.050	<0.018
21-0194855	L546035-13	722	<0.050	<0.069
21-0194859	L546035-14	724	<0.050	<0.069
21-0194874	L546035-15	2914	<0.050	<0.017
21-0194848	L546035-16	1082	<0.050	<0.046

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: HVN Approved by: JMR

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 09-SEP-21

Collection Media : PVC PW 37mm Supervisor : KEG



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled : 30-AUG-21 - 03-SEP-21

Date Received : 08-SEP-21

Account No.: 14809 Login No. : L546035

Date Analyzed : 09-SEP-21 Report ID : 1263957

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>mg</u>	$_{\rm mg/m3}$
21-0194881	L546035-17	1084	<0.050	<0.046

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: HVN Approved by: JMR

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 09-SEP-21

Collection Media : PVC PW 37mm Supervisor : KEG



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6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates
Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled : 30-AUG-21 - 03-SEP-21

Date Received : 08-SEP-21

Login No. : L546035

Account No.: 14809

Date Analyzed : 10-SEP-21
Report ID : 1264263

Approved by: NKP

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total uq	Conc ug/m3
<u> </u>			<u> </u>	
21-0194856	L546035-1	NA	<0.030	NA
21-0194862	L546035-2	NA	<0.030	NA
21-0194889	L546035-3	2896	<0.030	<0.010
21-0194869	L546035-4	1014	<0.030	<0.030
21-0194868	L546035-5	1014	<0.030	<0.030
21-0194842	L546035-6	2898	<0.030	<0.010
21-0194893	L546035-7	920	<0.030	<0.033
21-0194878	L546035-8	920	<0.030	<0.033
21-0194850	L546035-9	2916	<0.030	<0.010
21-0194849	L546035-10	944	<0.030	<0.032
21-0194875	L546035-11	940	<0.030	<0.032
21-0194846	L546035-12	2814	<0.030	<0.011
21-0194855	L546035-13	722	<0.030	<0.042
21-0194859	L546035-14	724	<0.030	<0.041
21-0194874	L546035-15	2914	<0.030	<0.010
21-0194848	L546035-16	1082	<0.030	<0.028

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: KLS

Date : 15-SEP-21

Supervisor : MWJ



GALSON

6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled : 30-AUG-21 - 03-SEP-21

Date Received : 08-SEP-21

Account No.: 14809 Login No. : L546035

Date Analyzed : 10-SEP-21
Report ID : 1264263

Approved by: NKP

Hexavalent Chromium

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>uq</u>	<u>ug/m3</u>
21-0194881	L546035-17	1084	<0.030	<0.028

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug Submitted by: KLS

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV Date : 15-SEP-21

Collection Media : PVC PW 37mm Supervisor : MWJ





GALSON

Client Name : Emilcott Associates Site : DENNIS COLLINS PARK

Project No. : PPG DCP

Date Sampled: 30-AUG-21 - 03-SEP-21 Account No.: 14809
Date Received: 08-SEP-21 Login No. : L546035

Date Analyzed: 09-SEP-21 - 10-SEP-21

FAX: (315) 437-0571 www.sgsgalson.com

6601 Kirkville Road

East Syracuse, NY 13057 (315) 432-5227

L546035 (Report ID: 1263957):

GRAVIMETRIC ANALYSIS CV = 0.0368; Avg. Recovery = 103.

SOPs: GRAV-SOP-5(31), GRAV-SOP-6(25)

L546035 (Report ID: 1263957):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Total Dust	+/-7.4%	103%

L546035 (Report ID: 1264263):

HEXAVALENT CHROMIUM CV = 0.0701; Avg. Recovery = 98.1

SOPs: IC-SOP-15(25)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L546035 (Report ID: 1264263):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-14%	98.1%

Prep:UNKNOWN

L546035

GALSON CHAIN OF CUSTODY

Tu	n Around Time	(TAT): (surcharge)	You may edit	and complete this COC elect	tronically by log	ging in to your	Client Portal accour	nt at https://port	al.gajsonjabs.co	un/				
	Star	ndard	0%												
	4 Business	Days	35%	Client Acct No	o.: Report To:	Mr. Carey V	Wu		1.1			UNTS PAYABLE			
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· 🗀	2 Business	Days	75%	Original Prep	No.	25B Vreelar	nd Road	•				Vreeland Road			
	Next Day by	/ 6pm	100%	PSY619242	Address & .	Suite 101				Address 2 :					
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	Same	e Day	200%	CS Rep:	•	973 - 998 -	- 0908					- 765 - 0991			
				EOLDRIDGE	Cell No. :						apin	voice@emilcott	com		
	Samples submitt FreePumpLoan™				Email reports to : Comments :	CWUWEMIICO	tt.com			Comments : P.O. No. :					
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Г	Sample I						ple Volume	Liters							ent Chromium
1	Maximum of 20		rs) Dat	e Sampled *	Collection Medium	Sample Time Sample Area *		Minutes in², cm², ft² *	Analysis Requested		d Method Reference ^		nce ^	Process (e.g., welding plating, painting, etc.	
	2		,		2pc 37mm PW PVC				Hexavalent Chromium		m mod. OSHA ID-215		215		
	21-0194			AJA			. , I					(version 2);	C/UV		
	11-0194	1-1-6	,	NA	Blanks		NA	NA	Total Dus	st		mod. NIOSH 050	00;		
((1-0177	1862	۱ ۱				• • •	• •				Gravimetric		1	·
	A If the method/	s) indicate	ed on the Co	OC are not our	routine/preferred method(s)	we will substitu	ute our routine/	nreferred methods	If this is not an		here to	have us contact you		· · ·	
-	in of Custody	o, maidati		Print Name / Si	· · · · · · · · · · · · · · · · · · ·	Date	Time	I I I I I I I I I I I I I I I I I I I		Print Name /				Date	Time
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Comments: # Assumed	to Dr	9/8/2	V Assumed	TD DL 9/	15/21					÷	
Sample ID * (Maximum of 20 Char	racters) Date S	ampled *	Collection Medium	Sample Volume Sample Time Sample Area *		Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference	^ Proc	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)	
21-0194880	9 8/	8/30/21	2pc 37mm PW PVC	2.	89/	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC,	2500-690		
	07.			2,896 L			Total Dust	mod. NIOSH 0500; Gravimetric	;	1	
21-019486	9 010	8/30/21	2pc 37mm PW PVC	1.0	114 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC,			
	6/3	ושיף		`'`			Total Dust	mod. NIOSH 0500; Gravimetric			
21-019486	8 ,1.	30/21	2pc 37mm PW PVC	ļ.		2 L/M	Hexavalent Chromium	mod. OSHA ID-21: (version 2); IC,			
	8/3	ועקטפ		1,0	1146	· //	Total Dust	mod. NIOSH 0500; Gravimetric	;		
21-019484	12 1	31/21	2pc 37mm PW PVC		2,898 L	2 4/M	Hexavalent Chromium	mod. OSHA ID-219 (version 2); IC,	I		
A1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	8/	91/41		2,			Total Dust	mod. NIOSH 0500 Gravimetric	;		
21-019489	3 11	مالم	2pc 37mm PW PVC	920 L		2 L/M	Hexavalent Chromium	mod. OSHA ID-21 (version 2); IC,	·	1/	
	8/	31/21		10		α / M	Total Dust	mod. NIOSH 0500 Gravimetric	;	1	
	dicated on the COC	are not our	routine/preferred method(s),	we will substitu	te our routine/	preferred methods.	If this is not acceptable, check	here to have us contact you.	T		
Chain of Custody	<u>-</u> -		gnature	Date	Time	ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Print Name	Signature	Date	Time	
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Tomiquianou by .		L			•	nples which you are dered as next day's	_	Account No.	: PSY619242] 08:42 PM	
	All services	are render	ed in accordance with the ap	plicable SGS Ge	neral Conditio	ns of Service access	sible via: http://www.sgs.com/c	o/Terms-end-Conditions.aspx			

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SGS North | 6601 Kirkville Road E. Syracuse, NY 13057, USA t +1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com | America, | Report Reference:1 Generated:15-SEP-21 11:21

Page 9 of 11



omments :								
Sample ID * (Maximum of 20 Characters	Date Sampled *	Collection Medium	Sample Vol Sample Ti Sample Are	me Minutes	Analysis Requested	Method Reference ^	Process (ent Chromiu (e.g., weldin painting, etc
21-0194878	8/31/21	2pc 37mm PW PVC	920	, 2 4/1	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	ex	enabor
	0, 701		120		Total Dust	mod. NIOSH 0500; Gravimetric		1
21-0194850	9/1/21	2pc 37mm PW PVC	2,916	, 24M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
7225319/6/12	5 1/1/21		2,116		Total Dust	mod. NIOSH 0500; Gravimetric		
21-0194849		2pc 37mm PW PVC	auu	, 2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
#1 - O11-15 11	9/1/21		944		Total Dust	mod. NIOSH 0500; Gravimetric		
21-0194875		2pc 37mm PW PVC	Q/Un	L 0 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
	9/1/21		940		Total Dust	mod. NIOSH 0500; Gravimetric		
91 Almid W		2pc 37mm PW PVC		1 1./	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		\int_{ϵ}
21-0144846	9/2/21		2,814	L 2 1/M	Total Dust	mod. NIOSH 0500; Gravimetric		V
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hain of Custody	Print Name / S	gnature	Date Ti	me	Print Name / Si	gnature	Date	Time
elinquished By :				Received By :	Daniel Libera	Jul Lhe 9	18/21	1045
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Repart Reference:1 Generated:15-SEP-21 11:21 Page 10 of 11



Comments :				•												
	-															
Sample II (Maximum of 20 C		Date Sampled *	Collection Medium	San	ple Volume nple Time ple Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Process	ent Chromium (e.g., welding, painting, etc.)						
21-0194	866	0/1/	2pc 37mm PW PVC	7	722. 2		722, 24		722 , 24/		722 L 2 L/M		Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	PX1	caution
		9/2/21			2		Total Dust	mod. NIOSH 0500; Gravimetric								
21-0194	% 59	a la la	2pc 37mm PW PVC	7	24 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV								
الآء الآء	001	9/2/21		10	×76	(**)	Total Dust	mod. NIOSH 0500; Gravimetric								
21-0194	874	~/-/	2pc 37mm PW PVC	20	714 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV								
E (O) · (9/3/21		~ /	α, · · · L	//*1	Total Dust	mod. NIOSH 0500; Gravimetric								
21-0194	848	alala	2pc 37mm PW PVC	7mm PW PVC 1,082L		2 4/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV								
		9/3/21		1,0	1026	& /M	Total Dust	mod. NIOSH 0500; Gravimetric								
21-0194	1881	, ,	2pc 37mm PW PVC		2011	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		1						
χ (° O·)	, , ,	9/3/21		1, (1,084 L 2 L/M		Total Dust	mod. NIOSH 0500; Gravimetric								
										- TB						
^ If the method(s) indicated on	the COC are not ou	r routine/preferred method(s),	we will substitu	ite our routine	preferred method	s. If this is not acceptable, check here	to have us contact you.								
Chain of Custody		Print Name / S	ignature	Date	Time		Print Name / Sign		Date	Time						
Relinquished By:						Received By :	Daniel Libera V	Mhr 9	18/21	1049						
Relinquished By:					<u> </u>	Received By :				L						
					•	nples which you a dered as next day	_	Online COC No. : 229 Prep No. : PSY Account No. : 148 Draft : 7/14	619242	2 PM						
	All	services are rende	red in accordance with the ap	plicable SGS Ge	neral Conditio	ns of Service acces	ssible via: <u>http://www.sgs.com/en/Ter</u> i	ms-and-Conditions.aspx								

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SGS North 6601 Kirkville Road E. Syracuse, NY 13057, USA t+1 888 432 5227 | +1 315 432 5227 www.galsonlabs.com | www.sgs.com

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Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 September 22, 2021

Account# 14809

Login# L546580

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on September 15, 2021. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No.: L546580

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license

Legend

< - Less than MDL - Method Detection Limit mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road

East Syracuse, NY 13057 (315) 432-5227

FAX: (315) 437-0571 www.sqsqalson.com

Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 07-SEP-21 - 10-SEP-21

Date Received : 15-SEP-21

Login No. : L546580

Account No.: 14809

Date Analyzed : 16-SEP-21
Report ID : 1265230

Approved by: JMR

Total Dust

		Air Vol	Total	Conc
<u>Sample ID</u>	<u>Lab ID</u>	liter	mg	mg/m3
21-0194845 AMS1 9/7	L546580-1	2874	0.14	0.050
21-0194863 AMS2 9/7	L546580-2	902	0.079	0.088
21-0194858 AMS3 9/7	L546580-3	904	0.11	0.12
21-0194844 AMSI 9/8	L546580-4	2878	<0.050	<0.017
21-0194853 AMS2 9/8	L546580-5	944	0.12	0.13
21-0194892 AMS3 9/8	L546580-6	948	<0.050	<0.053
21-0194843 AMS1 9/9	L546580-7	2892	<0.050	<0.017
21-0194870 AMS2 9/9	L546580-8	984	<0.050	<0.051
21-0194876 AMS3 9/9	L546580-9	988	<0.050	<0.051
21-0194847 AMS1 9/10	L546580-10	2890	<0.050	<0.017
21-0194841 AMS2 9/10	L546580-11	916	<0.050	<0.055
21-0194882 AMS3 9/10	L546580-12	918	<0.050	<0.054
21-0194857	L546580-13	NA	<0.050	NA
21-0194865	L546580-14	NA	<0.050	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: EAP

Date : 16-SEP-21

Supervisor : KEG



GALSON

6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 07-SEP-21 - 10-SEP-21

Date Received : 15-SEP-21

Account No.: 14809 Login No. : L546580

Date Analyzed : 21-SEP-21
Report ID : 1266036

Approved by: NKP

Hexavalent Chromium

			Air Vol	Total	Conc
Sample ID		<u>Lab ID</u>	liter	uq	ug/m3
21-0194845 AMS1	9/7	L546580-1	2874	<0.030	<0.010
21-0194863 AMS2	9/7	L546580-2	902	<0.030	<0.033
21-0194858 AMS3	9/7	L546580-3	904	<0.030	<0.033
21-0194844 AMSI	9/8	L546580-4	2878	<0.030	<0.010
21-0194853 AMS2	9/8	L546580-5	944	<0.030	<0.032
21-0194892 AMS3	9/8	L546580-6	948	<0.030	<0.032
21-0194843 AMS1	9/9	L546580-7	2892	<0.030	<0.010
21-0194870 AMS2	9/9	L546580-8	984	<0.030	<0.030
21-0194876 AMS3	9/9	L546580-9	988	<0.030	<0.030
21-0194847 AMS1	9/10	L546580-10	2890	<0.030	<0.010
21-0194841 AMS2	9/10	L546580-11	916	<0.030	<0.033
21-0194882 AMS3	9/10	L546580-12	918	<0.030	<0.033
21-0194857		L546580-13	NA	<0.030	NA
21-0194865		L546580-14	NA	<0.030	NA

 $\underline{\hbox{\tt COMMENTS:}} \ \hbox{\tt Please see attached lab footnote report for any applicable footnotes.}$

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: KLS

Date : 22-SEP-21

Supervisor : MWJ





Client Name : Emilcott Associates

Project No. : PPG DCP

Date Sampled: 07-SEP-21 - 10-SEP-21 Account No.: 14809 Date Received: 15-SEP-21 Login No. : L546580

Date Analyzed: 16-SEP-21 - 21-SEP-21

L546580 (Report ID: 1265230):

6601 Kirkville Road

FAX: (315) 437-0571

www.sgsgalson.com

East Syracuse, NY 13057 (315) 432-5227

GRAVIMETRIC ANALYSIS CV = 0.0368; Avg. Recovery = 103.

SOPs: GRAV-SOP-5(31), GRAV-SOP-6(25)

L546580 (Report ID: 1265230):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Total Dust	+/-7.4%	103%

L546580 (Report ID: 1266036):

HEXAVALENT CHROMIUM CV = 0.0701; Avg. Recovery = 98.1

SOPs: IC-SOP-15(25)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L546580 (Report ID: 1266036):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-14%	98.1%



C546580

JALSON CHAIN OF CUSTODY

		_
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(132)
<u> </u>		

Turn Around Time (TAT):	(surcharge)	You may edit	and complete this COC elec	tronically	by logging in to your	Client Portal account	at https://portal.galsoniabs.co	om/	
Standard	0%						Invoice To :	ACCOUNTS PAYABLE	
4 Business Days	35%	Client Acct No						Emilcott Associates	
3 Business Days	50%	14809	Company Name :		eeland Road			25B Vreeland Road	
2 Business Days	75%	Original Prep					Address 2 :	Suite 101	
Next Day by 6pm	100%	PSY619242	. 1001000 = 1		m Park, NJ 0793	2	City, State Zip :	Florham Park, NJ 07932	
Next Day by Noon	150%				998 - 0908		Phone No.:	973 - 765 - 0991	
Same Day	200%	CS Rep:	Cell No. :				Email Address :	apinvoice@emilcott.com	
Samples submitted usi	ng the	EOLDRIDGE	Email reports to :	cwu@em	ilcott.com		Comments:		
FreePumpLoan™ Prog		0-1 000 1	Comments:				P.O. No. :		
Samples submitted usi		Online COC N	vo.:				Payment info. :	☐ I will call SGS Galson to provi☐ Card on File (enter the last five	
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Comments:		<u>.l</u>					State Sample	- · ·	s) this data will be used for :
									LV MSHA Calosha
								IA0 : Specify Limit(s)	Other:
							List description	of industry or Process/interference	
Site Name :		Proje	ct: PPG DCP		Sampled By:	.H Luppin		<i>-</i>	
Sample ID *	cters) Da	ate Sampled *	Collection Mediun	n	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
		·	2pc 37mm PW PVC				Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	,
Sample 1D Location - D							Total Dust	mod. NIOSH 0500; Gravimetric	
Location - D	xte							ing Bold of the America	
☐ ^ If the method(s) ind	icated on the	COC are not ou	r routine/preferred method(s), we will	substitute our routine	preferred methods.	If this is not acceptable, check	chere to have us contact you.	-
Chain of Custody		Print Name / S		Da			Print Name	/ Signature	Date Time
Relinguished By:						Received By:	Zachary King	Bresser January	9 15 21 10:03
Relinguished By:						Received By:	1		1 1
nemquisited by .		<u> </u>	Samples	received a	se columns for any sa after 3pm will be cons	idered as next day's	business.		SY619242
 	All se	rvices are rende	ered in accordance with the	applicable	SGS General Condition	ons of Service access	ible via: http://www.sgs.com/c	en/Terms-and-Conditions.aspx	

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SGS North | 6601 Kirkville Road | E. Syracuse, NY 13057, USA | t +1 888 432 5227 | +1 315 432 5227 | www.galsonlabs.com | www.sgs.com



Sample ID	*	Data Samulad *	Collection Medium		ple Volume	Liters Minutes	Analysis Requested	Method Reference ^		nt Chromiun
(Maximum of 20 C		Date Sampled *	Collection Medium		ple Area *	in², cm², ft² *	Analysis nequested	Wicting Neterolog		painting, etc.
21-01948	45	alala	2pc 37mm PW PVC	100	1	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	PXC	a velia
AMS1-0967	121	9/7/21		28	74 L	7,51	Total Dust	mod. NIOSH 0500; Gravimetric		1
21-01948	·63	- / /	2pc 37mm PW PVC	<u></u>	00	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		<u></u>
AMS2-09/0		9/7/21		9	02 L	/ ~ /	Total Dust	mod. NIOSH 0500; Gravimetric		
21-01948			2pc 37mm PW PVC			21/	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AMS 3-090		9/7/21		9	04 L	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric		
21-01948	144	9/8/21	2pc 37mm PW PVC		,, 7(t)	2.1	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AMS1 -0%		1/8/21		ן ט	878 L	24m	Total Dust	mod. NIOSH 0500; Gravimetric		
21-0194	* 53	-/1	2pc 37mm PW PVC	a	44 L	2 1	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AM52 -0		9/4/21			776	2 L/W	Total Dust	mod. NIOSH 0500; Gravimetric		
,.										
^ If the method(s) indicated on	the COC are not or	r routine/preferred method(s)	, we will substitu	ute our routine	preferred methods.	If this is not acceptable, check here	to have us contact you.		
Chain of Custody		Print Name /	Signature	Date	Time		Print Name / Sig		Date	Time
Relinquished By :					ļ	Received By :	Zachary King 3	Sence Sheer G	15/21	<u>16:6</u>
Relinquished By:					<u> </u>	Received By :			1 1	
					1	n ples which you are dered as next day's		Online COC No. : 229 Prep No. : PS\ Account No. : 148 Draft : 7/14	619242	2 PM

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Report Reference:1 Generated:22-SEP-21 13:32 Page 7 of 9



Comments :							
Sample ID * (Maximum of 20 Charac	Date Sampled *	Collection Medium	Sample Volume Sample Time Sample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
21-019489	72 ~1.1	2pc 37mm PW PVC	8/1/2	211	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	excavelian
AM53-090	1 7/8/21		948 L	- 2 L/m	Total Dust	mod. NIOSH 0500; Gravimetric	1
21-019484	3 (1-1	2pc 37mm PW PVC	2842 L	0.1/	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AMS1-09092	1 117/21		1 2 0 7 2 L	2 4/M	Total Dust	mod. NIOSH 0500; Gravimetric	
21-0194870	2	2pc 37mm PW PVC	9841	2 4	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AM52-0909	19110.		1012	2 L/m	Total Dust	mod. NIOSH 0500; Gravimetric	
21-019487	6 211	2pc 37mm PW PVC	9 100	2 4/2	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AMS 3 -0909			9 88 L	~ /M	Total Dust	mod. NIOSH 0500; Gravimetric	
			va vill substitute our rout	ing/oraforrad mathada	s. If this is not acceptable, check her	re to have us contact you	
Chain of Custody	Print Name / S		Date Time	morpresented methods	Print Name / Sig		Date Time
Relinquished By :	,			Received By :	Zachary King 3		115/21 10:03
Relinquished By:				Received By:			"
			in these columns for any eived after 3pm will be co			Online COC No. : 229 Prep No. : PS' Account No. : 148 Draft : 7/1	/619242
	All services are rende	ered in accordance with the app	licable SGS General Cond	itions of Service acces	ssible via: http://www.sgs.com/en/Tr	erms-and-Conditions.aspx	

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Page 8 of 9 Report Reference:1 Generated:22-SEP-21 13:32



Sample ID *		Ţ		Sample Volume	Liters			Hexavalent Chromiur		
(Maximum of 20 Characters)	Date Sampled *	Collection Mediun	n	Sample Time Sample Area *	Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Process (e.g., welding plating, painting, etc.		
21-0194847	9/10/21	2pc 37mm PW PVC		2890 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	excarabion		
AMS1-091021	1710/91			× 310 L	10 [0 750]	Total Dust	mod. NIOSH 0500; Gravimetric			
21-0194841		2pc 37mm PW PVC		916 L			211	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
Ams 2-091021	9/10/21				2 4/1	Total Dust	mod. NIOSH 0500; Gravimetric			
21-0194882	α / M	2pc 37mm PW PVC	<i>a</i>	g	81 2 1/4	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV			
AMS 3-09/021	9/10/01			918L	2 4/2	Total Dust	mod. NIOSH 0500; Gravimetric			
2) 2001	11 44 6	2pc 37mm PW PVC				Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV			
21-0194857		BLANK				Total Dust	mod. NIOSH 0500; Gravimetric			
		2pc 37mm PW PVC				Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV			
21-0194865	•	BLANK		_		Total Dust	mod. NIOSH 0500; Gravimetric			
hain of Custody	Print Name / Sig	routine/preferred method(s)			preferred methods.	If this is not acceptable, check here	to have us contact you.			
elinquished By :	riiit Name / Sig	mature	Date	Time	Received By :	Print Name / Sign	100	Date Time		
elinquished By:					Received By :	Zachary King 7	Janes Juny 9	15 21 10:00		
	services are rendere				ples which you are lered as next day's l	_	Online COC No. : 2298 Prep No. : PSY6 Account No. : 1480	19242		

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Report Reference:1 Generated:22-SEP-21 13:32



Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 September 28, 2021

Account# 14809

Login# L547079

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on September 21, 2021. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Account : 14809 Login No.: L547079

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
			Environmental Microbiology
State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials
Texas	Texas Dept. of Licensing and	Lab ID: 1042	Mold Analysis Laboratory license

Legend

< - Less than MDL - Method Detection Limit mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters ng - Nanograms in2 - Square Inches



GALSON

6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 13-SEP-21 - 17-SEP-21

Date Received : 21-SEP-21

Account No.: 14809 Login No. : L547079

Date Analyzed : 24-SEP-21

Report ID : 1266454

Approved by: JMR

Total Dust

		Air Vol	Total	Conc
<u>Sample ID</u>	<u>Lab ID</u>	liter	mg	mg/m3
21-0185077	L547079-1	NA	<0.050	NA
21-0185074	L547079-2	NA	<0.050	NA
4885 AMS1-091321	L547079-3	2890	0.10	0.035
4871 AMS2-091321	L547079-4	944	0.063	0.067
4864 AMS3-091321	L547079-5	948	0.064	0.068
5058 AMS1-091421	L547079-6	2884	<0.050	<0.017
5066 AMS2-091421	L547079-7	914	0.055	0.060
5086 AMS3-091421	L547079-8	916	<0.050	<0.055
5087 AMS1-091521	L547079-9	2864	0.072	0.025
5047 AMS2-091521	L547079-10	886	0.077	0.087
5053 AMS3-091521	L547079-11	888	0.077	0.087
5044 AMS1-091621	L547079-12	2906	<0.050	<0.017
5063 AMS2-091621	L547079-13	940	<0.050	<0.053
5070 AMS3-091621	L547079-14	940	<0.050	<0.053
5083 AMS1-091721	L547079-15	2852	0.052	0.018
5060 AMS2-091721	L547079-16	944	<0.050	<0.053

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: PAH

Date : 24-SEP-21

Supervisor : KEG



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates Site : NS

Project No. : PPG DCP

Date Sampled : 13-SEP-21 - 17-SEP-21

Date Received : 21-SEP-21

Account No.: 14809 Login No. : L547079

Date Analyzed : 24-SEP-21
Report ID : 1266454

Approved by: JMR

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u></u>	<u>mg/m3</u>
5052 AMS3-091721	L547079-17	946	<0.050	<0.053

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: PAH

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 24-SEP-21

Collection Media : PVC PW 37mm Supervisor : KEG



6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227

www.sgsgalson.com

FAX: (315) 437-0571

Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 13-SEP-21 - 17-SEP-21

Date Received : 21-SEP-21

Account No.: 14809

Login No. : L547079

Date Analyzed : 27-SEP-21 Report ID : 1266860

Hexavalent Chromium

			Air Vol	Total	Conc
<u>Sample</u>	ID	<u>Lab ID</u>	liter	uq	ug/m3
21-0185	077	L547079-1	NA	<0.030	NA
21-0185	074	L547079-2	NA	<0.030	NA
4885 AM	S1-091321	L547079-3	2890	<0.030	<0.010
4871 AM	S2-091321	L547079-4	944	<0.030	<0.032
4864 AM	S3-091321	L547079-5	948	<0.030	<0.032
5058 AM	S1-091421	L547079-6	2884	<0.030	<0.010
5066 AM	S2-091421	L547079-7	914	<0.030	<0.033
5086 AM	IS3-091421	L547079-8	916	<0.030	<0.033
5087 AM	S1-091521	L547079-9	2864	<0.030	<0.010
5047 AM	S2-091521	L547079-10	886	<0.030	<0.034
5053 AM	IS3-091521	L547079-11	888	<0.030	<0.034
5044 AM	S1-091621	L547079-12	2906	<0.030	<0.010
5063 AM	S2-091621	L547079-13	940	<0.030	<0.032
5070 AM	S3-091621	L547079-14	940	<0.030	<0.032
5083 AM	S1-091721	L547079-15	2852	<0.030	<0.011
5060 AM	S2-091721	L547079-16	944	<0.030	<0.032

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm Submitted by: KLS

Date : 28-SEP-21

Supervisor : MWJ

Approved by: NKP



GALSON

6601 Kirkville Road
East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 13-SEP-21 - 17-SEP-21

Date Received : 21-SEP-21

Account No.: 14809 Login No. : L547079

Date Analyzed : 27-SEP-21
Report ID : 1266860

Approved by: NKP

Hexavalent Chromium

		Air Vol	Total	Conc
<u>Sample ID</u>	Lab ID	liter	uq	ug/m3
5052 AMS3-091721	L547079-17	946	<0.030	<0.032

 $\underline{\hbox{\tt COMMENTS:}} \ \hbox{\tt Please see attached lab footnote report for any applicable footnotes.}$

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: KLS

Date : 28-SEP-21

Supervisor : MWJ





GALSON

Client Name : Emilcott Associates

Site :

Project No. : PPG DCP

Date Sampled : 13-SEP-21 - 17-SEP-21 Account No.: 14809
Date Received: 21-SEP-21 Login No. : L547079

Date Analyzed: 24-SEP-21 - 27-SEP-21

FAX: (315) 437-0571 www.sgsgalson.com

6601 Kirkville Road

East Syracuse, NY 13057 (315) 432-5227

L547079 (Report ID: 1266454):

GRAVIMETRIC ANALYSIS CV = 0.0368; Avg. Recovery = 103.

SOPs: GRAV-SOP-5(31), GRAV-SOP-6(25)

L547079 (Report ID: 1266454):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery	
Total Dust	+/-7.4%	103%	

L547079 (Report ID: 1266860):

HEXAVALENT CHROMIUM CV = 0.0701; Avg. Recovery = 98.1

SOPs: IC-SOP-15(25)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L547079 (Report ID: 1266860):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-14%	98.1%

125846RW0334824594

Date: 09/21/21 Shipper: UPS



L547479

GALSON CHAIN OF CUSTODY



urn Around Time (TAT):	(surcharge)	You may edit	and complete this COC elect	tennically by tac	ning in to your	Client Dertel secount	t at bitne ffacted	galeonlahe com	,			
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] Same Day	200%	CS Rep:		973 - 998 -	- 0908				73 - 765 - 09			
1 -	<u> </u>	BOLDRIDGE	Cell No.:						pinvoice@emil	cott.com		
Samples submitted using FreePumpLoan** Progra			Email reports to :	cwu@emilco	tt.com			Comments:				
Samples submitted usin	ng the	Online COC N	lo.: Comments :					P.O. No. : /ment info. :	I will call SGS Gal		4'4 1'	
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te Name :	***************************************	Projec	t: PPG DCP	,	Sampled By :	iff bupper	Lis	t description of	industry or Process			
Sample ID * (Maximum of 20 Charact	ters) Da	ite Sampled *	Collection Medium	Sa Sa	nple Volume mple Time mple Area *	Liters Minutes in¹, cm³, ft² *		Requested		Reference ^	Hexavaler Process (e plating, p	e.g., weld
21-018501	7		2pc 37mm PW PVC				Hexavalent	Chromium	mod. OSHA (version	ID-215 2); IC/UV		
21-018507	14		Blanks		_	_	Total Dust		mod, NIOS Gravimetr			
] ^ If the method(s) indic	ated on the C	OC are not our	routine/preferred method(s), we will substit	ute our routine	n/preferred methods.	If this is not acce	ptable, check he	re to have us conta	ct you.		
hain of Custody		Print Name / Si	gnature	Date	Time			Print Name / S	ignature		Date	Time
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Sample tD •										
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(Maximum of 20 Cha	aracters)	Date Sampled *	Collection Medium	Sa	nple Volume mple Time nple Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Process	lent Chromiu (e.g., weldin painting, etc
21-019489	85	9/12/	2pc 37mm PW PVC			R L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	7	mareh
AMS1 - 091	321	9/13/21			890 L	ζ - / _/ ωι	Total Dust	mod. NIOSH 0500; Gravimetric)
21-0194 87	71	a 1.2/.	2pc 37mm PW PVC	~.		2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AM52-09	11321	9/13/21		91	9446	/M	Total Dust	mod. NIOSH 0500; Gravimetric		
21-0194	864	9/13/21	2pc 37mm PW PVC	Q,	de d	2 1/2	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AM53-0	91321	1/15/91			18L	//	Total Dust	mod. NIOSH 0500; Gravimetric		
21-0185	058	9/14/21	2pc 37mm PW PVC		((1)	2 4/1	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		T
AMS1 -09	91421			2,8	584 L	<i>γ</i> .	Total Dust	mod. NIOSH 0500; Gravimetric		
21-01650	066	$\alpha L \cdot L$	2pc 37mm PW PVC			2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		7
AM52-09	11421	9/14/21		9	14 6	720	Total Dust	mod. NIOSH 0500; Gravimetric		-
					ļ					
^ If the method(s) is	ndicated on th	e COC are not our	routine/preferred method(s), w	e will substitu	ta our routine/	preferred methods. I	f this is not acceptable, check here to	have us contact you.	·	
Chain of Custody		Print Name / Sig	nature	Date	Time		Print Name / Signa	iture Da	te	Time
Relinquished By :						Received By :	- · · · · · · · · · · · · · · · · · · ·	·		
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Page : 10 / 15 America,



Comments :			····							
Sample I (Maximum of 20	D * Characters)	Date Sampled	Collection Mediur	n S	mple Volume ample Time imple Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference *	Process (e.	it Chromium .g., welding sinting, etc.)
21-018	5086	a lust	2pc 37mm PW PVC	0	916 L		Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UN	47000	anti on
AMS3-	091421	9/14/8	1	7			Total Dust	mod. NIOSH 0500; Gravimetric	mod. NIOSH 0500;	
21-018	5057	9/15/2	2pc 37mm PW PVC	2	2,8646		Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AMSI-	071521	1 15/2					Total Dust	mod. NIOSH 0500; Gravimetric		
21-0185	6047	9/15/2	2pc 37mm PW PVC	8		2 4/4	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AMS2 -	091521	7/15/2		0	861	/~!	Total Dust	mod. NIOSH 0500; Gravimetric	7 7	
21-0185	053	alich	2pc 37mm PW PVC	a	88 L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV		
AM63-	091521	9/15/21		0	00 L	//-	Total Dust	mod. NIOSH 0500; Gravimetric	TV/	
21-0185	6044		2pc 37mm PW PVC			2 1 1	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	\ \V	
		9/16/21		2)	966 L	2 L/m	Total Dust	mod. NIOSH 0500; Gravimetric		
AMS 1-	071621			Ī						
^ If the method(s	s) indicated on t	he COC are not or	r routine/preferred method(s.	l, we will substit	uto our routine/	preferred methods.	If this is not acceptable, check here	to have us contact you.		
Chain of Custody		Print Name / S	ignature	Date	Tîme		Print Name / Sig	nature	Date Ti	me
Relinquished By:						Received By :				- //
Relinquished By :				<u> </u>	<u></u>	Received By :	Michelle Kranka	m 0 110 11 91	2121	01
		-	Samples r	eceived after 3p	m will be consid	ples which you are lered as next day's	business.			
	All :	services are rende	red in accordance with the ap	plicable SGS Ge	neral Condition	s of Service access	ible via: pttp://www.sgs.phn/eryTpr	nis-and-Conditions.aspx		

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Comments :			···		·				
Sample I (Maximum of 20	D • Characters)	Date Sampled	Collection Mediur	n S	imple Volume Sample Time Sample Area	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromium Process (e.g., welding, plating, painting, etc.)
21-018	5063	9/16/	2pc 37mm PW PVC		(2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	Preaution
AM52-	09/621	1/16/	21		140 L	2 - / 2/	Total Dust	mod. NIOSH 0500; Gravimetric	
21-018	070	4/16/2	2pc 37mm PW PVC			2 L/M	Hoxavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AM53-	091621	1/16/2] 7	40 L	~ /M	Total Dust	mod. NIOSH 0500; Gravimetric	
21-018	5083	9/11/	2pc 37mm PW PVC		<i>4.6.0</i>	2 4/.	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AMSI-C	091721	1711	* '	d	2,8522		Total Dust	mod. NIOSR 0500; Gravimetric	
21-0185	6060	9/17/2	2pc 37mm PW PVC			0.11	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AM52-		11118			144 L	2 L/M	Total Dust	mod. NYOSH 0500; Gravimetric	
21-0149	5052	al l	2pc 37mm PW PVC	C	,	2//	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	V
		9/17/3	"	9	46 L	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric	
AM = 3.	-091721								
^ If the method(a) indicated on t	he COC are not	our routine/preferred method(s), we will substi	luto our routino/	preferred mothods. I	If this is not acceptable, check here to	o have us contact you.	
Chain of Custody		Print Name	Signature	Date	Time		Print Name / Signa	iture Da	te Time
Relinquished By :						Received By :			, ,
Relinquished By :						Received By:	- L - M - M	100	121 10
						ples which you are dered as next day's b		Che Offithe Col Mr. 229857 Prep No. : PSY6192 Account No. : 14809 Draft : 7/14/202	1
-	All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: pttp://www.sgs.com/en/Tenns-end-Conditions.aspx								

ge: 10715 SGS North | 6601 Kirkville Road E, Syracuse, NY 13057, USA 1+1 888 432 5227 J+1 315 432 5227 www.galsonlabs.com (www.sgs.com Inc.



Mr. Carey Wu Emilcott Associates 25B Vreeland Road Suite 101 Florham Park, NJ 07932 October 07, 2021

Account# 14809

Login# L547908

Dear Carey Wu:

Enclosed are the analytical results for the samples received by our laboratory on September 30, 2021. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

Lisa Swab

Laboratory Director

Enclosure(s)



ANALYTICAL REPORT

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention
 only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not
 exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized
 alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the
 fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of
 significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the
 final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the
 one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditation/Pacagnition

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at http://www.sgsgalson.com in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

N	ELAD LAIELAG (TAU)	L L ID 44606	A: A . C
State	Accreditation/Recognition	Lab ID#	Program/Sector
			Environmental Microbiology
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead,
National/international	Accreditation/Recognition	Lab ID#	Program/sector

Lab ID#

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
New Jersey (NJDEP)	NELAC (TNI)	Lab ID: NY024	Air Analysis
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

<u>Legend</u>

National (International

MDL - Method Detection Limit < - Less than mg - Milligrams ppb - Parts per Billion > - Greater than ug - Micrograms NA - Not Applicable ppm - Parts per Million I - Liters m3 - Cubic Meters NS - Not Specified ppbv - ppb Volume LOQ - Limit of Quantitation kg - Kilograms ND - Not Detected ppmv - ppm Volume ft2 - Square Feet cm2 - Square Centimeters in2 - Square Inches ng - Nanograms



__ GALSON

Client : Emilcott Associates
6601 Kirkville Road Site : NS

6601 Kirkville Road Site : NS East Syracuse, NY 13057 Project No. : PPO

Project No. : PPG DCP
Date Sampled : 20-SEP-21 - 24-SEP-21

FAX: (315) 437-0571 Date Received: 30-SEP-21

Account No.: 14809

Login No. : L547908

Total Dust

(315) 432-5227

www.sqsqalson.com

		Air Vol	Total	Conc
<u>Sample ID</u>	<u>Lab ID</u>	liter	mq	mg/m3
21-0185030	L547908-1	NA	<0.050	NA
21-0185075	L547908-2	NA	<0.050	NA
21-0185073 AMS1-0920	L547908-3	2878	0.13	0.046
21-0185068 AMS2-0920	L547908-4	880	0.074	0.084
21-0185022 AMS3-0920	L547908-5	886	0.060	0.068
21-0185071 AMS1-0921	L547908-6	2898	<0.050	<0.017
21-0185049 AMS2-0921	L547908-7	912	<0.050	<0.055
21-0185078 AMS3-0921	L547908-8	914	<0.050	<0.055
21-0185018 AMS1-0922	L547908-9	2864	0.10	0.035
21-0185032 AMS2-0922	L547908-10	908	0.089	0.098
21-0185048 AMS3-0922	L547908-11	908	<0.050	<0.055
21-0185080 AMS1-0923	L547908-12	2026	0.14	0.068
21-0185043 AMS2-0923	L547908-13	882	0.078	0.088
21-0185072 AMS3-0923	L547908-14	884	0.052	0.059
21-0185054 AMS1-0924	L547908-15	3108	0.18	0.058
21-0185017 AMS2-0924	L547908-16	888	<0.050	<0.056

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg Submitted by: HVN Approved by: CMP

Analytical Method : mod. NIOSH 0500; Gravimetric Date : 07-OCT-21

Collection Media : PVC PW 37mm Supervisor : KEG



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East Syracuse, NY 13057

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FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 20-SEP-21 - 24-SEP-21

Date Received : 30-SEP-21

Account No.: 14809 Login No. : L547908

Date Analyzed : 05-OCT-21

Report ID : 1268042

Approved by: CMP

Total Dust

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	<u>mq</u>	$_{\rm mg/m3}$
21-0185085 AMS3-	-0924 L547908-17	886	<0.050	<0.056

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.050 mg

Analytical Method : mod. NIOSH 0500; Gravimetric

Collection Media : PVC PW 37mm

Submitted by: HVN

Date : 07-OCT-21

Supervisor : KEG



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6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.sgsgalson.com Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 20-SEP-21 - 24-SEP-21

Date Received : 30-SEP-21

Account No.: 14809 Login No. : L547908

Date Analyzed : 07-OCT-21

Report ID : 1268556

Approved by: MLN

Hexavalent Chromium

		Air Vol	Total	Conc
Sample ID	<u>Lab ID</u>	liter	uq	ug/m3
21-0185030	L547908-1	NA	<0.030	NA
21-0185075	L547908-2	NA	<0.030	NA
21-0185073 AMS1-	-0920 L547908-3	2878	<0.030	<0.010
21-0185068 AMS2-	-0920 L547908-4	880	<0.030	<0.034
21-0185022 AMS3-	-0920 L547908-5	886	<0.030	<0.034
21-0185071 AMS1-	-0921 L547908-6	2898	<0.030	<0.010
21-0185049 AMS2-	-0921 L547908-7	912	<0.030	<0.033
21-0185078 AMS3-	-0921 L547908-8	914	<0.030	<0.033
21-0185018 AMS1-	-0922 L547908-9	2864	<0.030	<0.010
21-0185032 AMS2-	-0922 L547908-10	908	<0.030	<0.033
21-0185048 AMS3-	-0922 L547908-11	908	<0.030	<0.033
21-0185080 AMS1-	-0923 L547908-12	2026	<0.030	<0.015
21-0185043 AMS2-	-0923 L547908-13	882	<0.030	<0.034
21-0185072 AMS3-	-0923 L547908-14	884	<0.030	<0.034
21-0185054 AMS1-	-0924 L547908-15	3108	0.036	0.012
21-0185017 AMS2-	-0924 L547908-16	888	<0.030	<0.034

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: KLS

Date : 07-OCT-21

Supervisor : MWJ



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East Syracuse, NY 13057

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FAX: (315) 437-0571 www.sgsgalson.com

Client : Emilcott Associates

Site : NS

Project No. : PPG DCP

Date Sampled : 20-SEP-21 - 24-SEP-21

Date Received : 30-SEP-21

Account No.: 14809 Login No. : L547908

Date Analyzed : 07-OCT-21

Report ID : 1268556

Approved by: MLN

Hexavalent Chromium

		Air Vol	Total	Conc	
<u>Sample ID</u>	<u>Lab ID</u>	liter	<u> </u>	ug/m3	
21-0185085 AMS3-	-0924 L547908-17	886	<0.030	<0.034	

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.030 ug

Analytical Method : mod. OSHA ID-215 (version 2); IC/UV

Collection Media : PVC PW 37mm

Submitted by: KLS

Date : 07-OCT-21

Supervisor : MWJ





Client Name : Emilcott Associates

Project No. : PPG DCP

Date Sampled: 20-SEP-21 - 24-SEP-21 Account No.: 14809 Date Received: 30-SEP-21 Login No. : L547908

Date Analyzed: 05-OCT-21 - 07-OCT-21

L547908 (Report ID: 1268042):

6601 Kirkville Road

FAX: (315) 437-0571

www.sgsgalson.com

East Syracuse, NY 13057 (315) 432-5227

GRAVIMETRIC ANALYSIS CV = 0.0368; Avg. Recovery = 103.

SOPs: GRAV-SOP-5(31), GRAV-SOP-6(25)

L547908 (Report ID: 1268042):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery	
Total Dust	+/-7.4%	103%	

L547908 (Report ID: 1268556):

HEXAVALENT CHROMIUM CV = 0.0701; Avg. Recovery = 98.1

SOPs: IC-SOP-15(25)

Total ug corrected for a desorption efficiency of 100%.

SGS Galson Laboratories pretests all media lots distributed for Hexavalent Chromium analysis and can provide data confirming that no significant background is present. We may not be

able to verify lot background levels for media obtained through alternate vendors.

L547908 (Report ID: 1268556):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Hexavalent Chromium	+/-14%	98.1%

1Z8735VF0390571512 Date: 09/30/21 Shipper:UPS





Prep:UNKNOWN

GALSON CHAIN OF CUSTODY

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Turn Around Time (T/		100 11107 601	t and complete this COC elect	ggol yd yllasinor	ing in to your	Client Portal accoun	t at https://portpl.gelsonla	bs.com/				
Stand:	ard = 0%										•	
4 Business Da	ays 35%		lo.: Report To :	Mr. Carey W	1				OUNTS PAYABLE			
3 Business Da	8ys 50%	14809	Company Name :	Emilcott As				lcott Associate	6			
2 Business Da	ays 75%	Original Pre		25B Vreelan	d Road				Vreeland Road			
Next Day by 6	pm 1009	P5Y61924	nuuleab 2.	Suite 101				2: <u>5ui</u>				
Next Day by No	on 1509		City, State Zip :		2			rham Park, NJ 0	7932			
Same 0	Day 2009	6 CS Rep:		973 - 998 -	0908				- 765 - 0991	<u> </u>		
		EOLDRIDG						_ 	nvoice@emilcott	.com		
Samples submitted FreePumpLoan** P			Email reports to :	cwi@emilcot	t.com	·	Commer			·····		
Samples submitted	•	Online COC	No.: Comments :		 		P.O. N					
FreeSamplingBadg		229857					Payment in	_	will call SGS Galson t ard on File (enter the	•		
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Comments :							State Sam	pled:	Please indicate whic			
No proc	ese nar	client RM	IC 9/30/21						OSHA PEL A			Cal OSHA
No proc	ess per	Chefft. Div	10 3/30/21						IAQ : Specify Lim		Other:	2.00
Site Name :		Drai	ect: PPG DCP		Sampled By :		Il ist densein	ion of ind	ustry or Process/inter			ify Other
Site Marrie .			ect. PPG DCP	ľ	. وعادرانها انجاب	.tt luppra		いっちゃ	, .		resent in Si	impling area :
01-13					ple Volume	Liters	1 700		7 (0.7)	<u> </u>	Hexavale	nt Chromium
Sample ID (Maximum of 20 Cl		Date Sampled *	Collection Medium		nple Time sple Ares *	Minutes in³, cm³, ft² *	Analysis Reques	ted	Method Refere	ince ^		e.g., welding,
			2pc 37mm PW PVC		(pic rice	,	Hexavalent Chrom	Lum	mod, OSHA ID-	225	plating,	painting, etc.)
21-01450	030		ape stam to the	İ			mexavatent chrom	- 1111	(version 2);		1	
21-0185			l by the	. -			Total Dust		mod. NIOSH 05	00:	+	· · · · · · · · · · · · · · · · · · ·
21:-0144	076		BLANKS	•		}	1		Gravimetric	,		
210102	0/5					<u></u>						
^ If the method(s)	indicated on	the COC are not o	ır rautine/preferred mathad(s), we will substitu	te our routine	/preferred methods.	. If this is not acceptable, c	heck here	to have us contact you	J.		
Chain of Custody		Print Name / S	Signature	Date	Time		Print N	ame / Sign	ature		Date	Time
Relinquished By :	Matt	Luppine	201/-	9/28/21		Received By :	Brett Grenert-F	ischer	Brill Drine	J- JM	chin	1051
Relinquished By :						Received By :				41	30 21	
			* You must	fill in these colum	nne for any sa	mples which you are	e submitting.	 ,	Online COC	No. : 2298	57	
`			Samples	received after 3p	m will be cons	sidered as next day's	s business.		Account	No. : PSY6 No. : 1480)raft : 7/14/		2 PM 👺
	All	services are rend	ored in accordance with the a	pplicable SGS G	neral Condition	ons of Service acces	sible via: http://www.sgs.c	onven/ler				
	7711									-		

Page: 1/15

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Comments:											
	·				•						
Sample (Maximum of 20		Date Sampled	Collection Mediur	n s	mple Volume ample Time ample Area	Liters Minutes in², cm², ft²	Analysis Requested	Method Reference ^	Hexavalent Chromi Process (e.g., weldi plating, painting, e		
21-0185	073	9/2018	2pc 37mm PW PVC		20701	2 L/m	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	excave hon		
AMSI-0	192021	.,		ò	2878L	, ,	Total Dust	mod. NIOSH 0500; Gravimatric			
21-0185		9/20/21	2pc 37mm PW PVC		((())	2 4/19	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV			
AM52-0	92021	1/20/21		8	880 T	8801	7,701	Total Dust	mod. NIOSH 0500; Gravimetric		
21-0185	022	9/20/21	2pc 37mm PW PVC			2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV			
AMS3-	092021	17-576		8	86 L	//	Total Dust	mod. NIOSH 0500; Gravimetric			
21-0165	110	9/21/21	2pc 37mm PW PVC	0	cov.	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV			
AM51-0	192121	1/21/2		α,	898 L	/ / /	Total Dust	mod. NIOSH 0500; Gravimetric	W		
21-0189	5049	~ / /	2pc 37mm PW PVC	912		2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV			
21-0189 AMS2-	092121	9/21/2			912 4	9126	9126	912 -	- /M	Total Dust	mod. NIOSH 0500; Gravimetric
^ If the method	(s) indicated on t	the COC are not o	ir routine/preferred method(s	, we will substitu	ute our routine/	preferred mothods	. If this is not acceptable, check here t	o have us contact you			
Chain of Custody		Print Name /		Date	Time	I T	Print Name / Sign		Je Time		
Relinquished By :						Received By :	Brett Grenert-Fische		13CHW1051		
Relinquished By :						Received By :		9/30			
			Samples n	eceived after 3pr	m will be consid	ples which you are dered as next day's	business.	Online COC No. : 229857 Prep No. : PSY619: Account No. : 14809 Draft : 7/14/202	242		
	All	services are rendi	red in accordance with the ap	plicable SGS Ge	neral Condition	e of Service access	sible via: pttp://www.sgs.com/ch/Tern	s-end-Couditions.aspx			

Page: 10 / 15

SGS North Anterics, Inc. 6601 Kirkville Road E. Syracuse, NY 13057, USA 1+1 888 432 5227 [+1 315 432 5227 www.galsonlabs.com [www.sgs.com inc.]



									
Sample I (Maximum of 20		Date Sampled	Collection Medium	n s	imple Volume Sample Time ample Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chrom Process (e.g., weld plating, painting, e
21-018;	8078	9/21/2	2pc 37mm PW PVC	o	11.12	0	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	excarcho
Am53-0	72121	1/41/2		/	141	2 L/M	Total Dust	mod. NIOSH 0500; Gravimetric	
21-0185	018	9/22/2	2pc 37mm PW PVC		1974)	864L 2 LM	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AMS1-0	12221	1/42/2			0,04 / [Total Dust	mod. NIOSH 0500; Gravimetric	
21-0185		9/22/21	2pc 37mm PW PVC		708 L	2 4/2	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AM52-0	19221	1/04/21		,	700 L	~/ <i>X</i> /	Total Dust	mod. NIOSH 0500; Gravimetric	
21-0185) ५६	9/22/2	2pc 37mm PW PVC		708L	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AM53-6	92221	1,100,70	<u>'</u>		1000		Total Dust	mod. NIOSH 0500; Gravimetric	
21-018	50 8 0	10321 9/23/21	2pc 37mm PW PVC			ا با	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AM\$1-0	90321		1	á		a L/M	Total Dust	mod. NIOSH 0500; Gravimetric	
^ If the method	s) indicated on (the COC are not o	r routine/preferred method(s	, we will substi	tute our routine/p	referred methods.	If this is not acceptable, check here t	o have us contact you.	
Chain of Custody	, , ,	Print Name / S	Signature	Date	Time		Print Name / Sign		e Time
lelinquished By:						Received By :	Brett Grenert-Fischer	But Dunut Jis	MM 1051
lelinquished By :	. 4. 4)					Received By : ples which you are ered as next day's b	-	Online COC No. : 229857 Prep No. : P5Y61924 Account No. : 14809 Draft : 7/14/2021	12

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Sample ID * [Maximum of 20 Characters	Date Sampled *	Collection Medium	s	mple Volume ample Time imple Area *	Liters Minutes in², cm², ft² *	Analysis Requested	Method Reference ^	Hexavalent Chromius Process (e.g., welding plating, painting, etc.
21-0185043 AM50-09033	9/23/2	2pc 37mm PW PVC		w11	2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2), IC/UV	exambo
AF(50-0403)			8	882 L	, , , ,	Total Dust	mod. NIOSH 0500; Gravimetric	. 1
21-0188072	9/23/21	2pc 37mm PW PVC	٥	<i>(11)</i>	J ./.	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
AMS 3-092321	1100121		0	884 F	2 4/M	Total Dust	mod. NIOSH 0500; Gravimetric	
21-0185054	9/24/21	2pc 37mm PW PVC	2	1090	2 L/m	Hexavalent Chromium	mod. OSHA ID-21S (version 2); IC/UV	
AMS1-092421	1/24/11		5	,108L	· /M	Total Dust	mod. NIOSH 0500; Gravimetric	
21-0185017	9/24/01	2pc 37mm PW PVC	a	188 L	2 L/m	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
M52-09242	1/24/31		<i>D</i>	00 6		Total Dust	mod. NIOSH 0500; Gravimetric	7/7
21-0185085	085 9/24/1	2pc 37mm PW PVC			2 L/M	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	V
Ams 3 - 09 242	1/24/21		8	386 L	/M	Total Dust	mod. NYOSH 0500; Gravimetric	
7, 2, 2, 2, 2, 2								
^ If the method(s) indicated	on the COC are not ou	r routine/preferred method(s).	wa will substiti	ute our routine/(preferred methods.	If this is not acceptable, check here	to have us contact you.	
Chain of Custody	Print Name / S	ignature	Date	Time		Print Name / Sig	nature Dat	e Time
Relinquished By :					Received By :	Brett Grenert-Fische	r Butt Munual - Fis	ches 1051
Relinquished By :					Received By :		1/30	21

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