FREEPORT-McMoRan

Cyprus Amax Minerals Company
Environmental Services and Sustainable Development
333 North Central Avenue
Phoenix, AZ 85004

Barbara Nielsen
Manager, Remediation Projects
Telephone: (602) 366-8270
E-mail: bnielsen@fmi.com

November 11, 2024

Kevin O'Hara, Site Coordinator
Ohio Environmental Protection Agency
Division of Environmental Response and Revitalization
Southeast District Office
2195 Front Street
Logan, Ohio 43138

RE: Former Satralloy Site
Baseline Industrial Hygiene Report for 2024 Occupational Exposures and Area Levels

Dear Kevin,

Remedial Construction Services, L.P. (RECON) retained Delfino Health & Safety, LLC (Delfino H&S) to perform air monitoring at the Former Satralloy Site. Personal and work zone area air monitoring was performed on August 12-15, 2024. Technical problems that resulted in unreliable test data prompted additional monitoring, which was performed on September 17-20, 2024. The Baseline Industrial Hygiene Report for 2024 Occupational Exposures and Area Levels (Delfino H&S) presenting this air monitoring is enclosed.

If you have any questions, please feel free to contact me at 480-313-2895.

Sincerely,

Barbara K. Nielsen
Manager, Remediation Projects

cc: J. Sisson (Cyprus Amax)
K. Geis (RECON)
S. Anderson (WSP)
C. Beul (WSP)

BASELINE INDUSTIAL HYGIENE REPORT

2024

OCCUPATIONAL EXPOSURES AND

AREA LEVELS

FOR

RECON
A KELLER COMPANY

Location:

Mingo Junction, Ohio

prepared by:

Carol Delfino, CIH, CSP

Delfino Health & Safety, LLC

339 Cottage Road

Clinton, PA 15026

412. 980.1904

Delfino Health & Safety, LLC
Dedicated to Employee Health and Safety

INTRODUCTION

As requested, a comprehensive baseline occupational exposure and area survey was conducted at the RECON site in Mingo Junction, Ohio, on August 12-15, 2024, under the direction of Robert Mills.

The purpose of the monitoring was to establish a baseline employee occupational exposure, and baseline area levels while employees were working at the facility. All employees and areas monitored and components to be monitored were determined by RECON.

Carol Delfino, CIH CSP of Delfino Health & Safety, LLC and Jesse Kessler of MAC SAFETY performed the survey.

Although two employees were monitored for respirable crystalline silica during the August 12-15, 2024, survey, technical problems make these results unreliable and Carol Delfino of Delfino Health & Safety, LLC conducted an additional four-day survey from September 17-20, 2024. This follow-up aimed to re-evaluate silica exposure, resolve the earlier technical challenges, and offer a more accurate assessment of respirable crystalline silica levels. Two employees and two area locations were monitored during this repeat survey.

The occupations and areas monitored are as follows:

August 12-15, 2024

Occupation	# of employees or Location	Component
Operators	6	Hexavalent Chromium, Respirable Dust and Metals, Respirable Silica
Area	Northeast- approximately 100 Yards from work area	Hexavalent Chromium, Respirable Dust and Metals, Respirable Silica
	Northwest-M-117	
	Northeast MN-103	
	Northwest MN-117	
	OGG CO_2	
	East of former MW-111	

Note:
An aluminum cyclone was added to the sampling train for collecting respirable dust and metals at the request of RECON. This setup provides qualitative results for the metals, as there is no established respirable fraction limit for the sampled metals. Consequently, area sample results cannot be directly compared to OSHA PELs, making these results qualitative in nature as well.

September 17-20, 2024

Occupation	# of Employees	
Operators	2	Respirable Silica
Area	OG Well 2	
	MW 108	
	Barrow Area C	

A total of twelve samples were taken each day on August 12-15, 2024, and a total of four samples were taken per day on September 17-20, 2024.

Due to variables such as production schedules, assigned work activities and work procedures, exposures may vary on a daily or work shift basis. However, every attempt was made to ensure monitoring was as representative as possible.

CRITERIA

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1026 has established a Permissible Exposure Limit (PEL) for airborne Hexavalent Chromium, of 5 ug/m^3 (five micrograms per cubic meter of air) based on an eight-hour time weighted average (8-hr TWA).

OSHA under 29 CFR 1926.1153**,** has established a Permissible Exposure Limit (PEL) for airborne Respirable Crystalline Silica of fifty micrograms per cubic meter of air (50 ug/m^3) based on an eight-hour time weighted average (8-hr TWA) and an Action Level (AL) of twenty-five micrograms per meter cubic meter of air (25 ug.m^3).

OSHA under 29 CFR 1910.1000, Table Z-1 has established specific standards and exposure limits for the various components monitored in this survey. The following table illustrates the OSHA Permissible Exposure limits (PEL) for each of those components.

Component	Occupational Exposure Limit	Action Level	Ceiling Limit
Total Dust as PNOR	15 mg/m3	N/A	N/A
Respirable Dust as PNOR	5 mg/m3	N/A	N/A
Hexavalent Chromium	5 ug/m^3	2.5 ug/m^3	N/A
Arsenic	0.01 mg/m^3	N/A	N/A
Cadmium	0.005 mg/m^3	N/A	N/A
Calcium	5 mg/m^3	N/A	N/A
Chromium	0.5 mg/m3	N/A	N/A
Cobalt	0.1 mg/m3	N/A	N/A
Copper	1 mg/m3	N/A	N/A
Iron Oxide	10 mg/m3	N/A	N/A
Lead	0.05 mg/m3	N/A	N/A
Manganese	N/A	N/A	5 mg/m3
Nickel	1 mg/m3	N/A	N/A
Thallium	0.1 mg/m3	N/A	N/A
Zinc Oxide	15 mg/m3 (as PNOR)	5 mg/m3 (as PNOR)	N/A
Silica	50 ug/m3	N/A	N/A

Note:
Respirable Dust is an inhalable fraction of the total dust.
Respirable Fraction: The mass fraction of total airborne particles which penetrates the alveoli of the lung.
PEL (Permissible Exposure Limit) The maximum amount of concentration of a chemical that a worker may be exposed to for an 8-hour day, 40-hour week, under OSHA regulations.
Action Level (AL) The concentration of a harmful chemical or physical agent that requires specific actions to mitigate risk (i.e., medical exams, audiometric testing). This level is often ½ of the PEL.
Ceiling Limit (C) A level not to be exceeded during an 8-hour workday.

mg/m3: milligrams per cubic meter of air
µg/m^3: micrograms per cubic meter of air
NA: Not Applicable

SAMPLING TECHNIQUES AND ANALYTICAL METHODS

To be representative of full shift employee exposures, air monitoring sample media was placed in the breathing zone of the monitored employee for at least seven and one half (7.5) hours of a scheduled eight (8) hour shift. A zero exposure for the un-sampled period is presumed. Airborne occupational exposures were collected utilizing current and applicable OSHA and National Institute for Occupational Safety and Health (NIOSH) methods and procedures.

The sampling methods and analytical methods used for each component are illustrated below.

Component	Filter Cassette	Flow Rate	Analytical Method
Respirable Crystalline Silica	Aluminum cyclone with a 5 um PVC cassette	1.7 (Aug.) 2.5 (Sept.)	NIOSH 7500
Respirable Dust and Metals	Aluminum cyclone with a 0.8 um mixed cellulose ester membrane filter cassette	2.0	OSHA 7303
Hexavalent Chromium	37 mm diameter PVC filter cassette	2.0	OSHA ID-215

Each of the cassettes were attached to Casella Apex 2 personal monitoring pumps. Calibration of the personal sampling pumps was performed prior to and after the sampling period by Delfino Health & Safety, LLC using a Dwyer medium-flow rotameter (calibrated Jan 1, 2024).

Quantitative analysis for airborne components was performed by SGS Galson, an American Industrial Hygiene Association (AIHA) accredited laboratory, located in Syracuse, New York.

Refer to: SGS Galson Analytical results attached to this report.

RESULTS AND OBSERVATIONS

Based on the results and observations made during the survey, the following findings and conclusions are presented below:

August 12-15, 2024

1. The outdoor environmental conditions are illustrated below.

Date	Temperature	Dew Point	Wind	Description
8/12/2024	55^0F-76^0F	55^0F	WNW 6mph	Sunny Skies
8/13/2024	59^0F-81^0F	60^0F	N 7mph	Sunny/Partly Coudy
8/14/2024	55^0F-81^0F	57^0F	Calm	Sunny Skies
8/15/2024	57^0F-85^0F	61^0F	N 5mph	Sunny Skies

2. A total of six (6) employees were monitored for at least 7.5 hours of the 8-hour shift to assess an eight-hour Time Weighted Average (8-hr TWA), over four (4) days. Monitoring was conducted for three specific components: hexavalent chromium, respirable dust and various metals and respirable silica. In total twenty-four personal samples were collected.

   The occupational exposures for hexavalent chromium were all significantly below the Permissible Exposures Limits (PEL's) for hexavalent chromium during the four days of monitoring. In fact, the exposure levels were beneath the laboratory's analytical levels of detection.
   Refer to the attached Tables #1.

3. The levels of Respirable dust and metals were all significantly below the laboratory's analytical limit of detection. Essentially, no level of respirable dust or metals was detected on the samples placed on the employees or in the field. These results may only be qualitatively compared to PEL's for respirable dust and the various metals.
   Refer to the attached table #2.

4. Two of the six employees monitored (two laborers) were specifically assessed for silica over four days. On the third day one of the employee's occupational exposure to silica was above the OSHA Action Level for silica of 25 ug/m3, with a recorded TWA of 35 ug/m3 (sample # MS-R-30). The second employee's occupational exposure on the same day was 7.4 ug/m^3 (Sample # MS-R-27).

   For the remaining three (3) days, the occupational exposures to silica were all below the laboratory's analytical detection limits.

   During the survey investigation, it was noted that one employee (sample # MS-R-27) had dropped the pump, cyclone, and cassette assembly on the ground of the site while exiting the truck. The second employee (Sample # MS-R-30) stated that the tube from the sampling

assembly had fallen off the pump and the employee replaced the tube onto the pump. However, the employee was unsure how long the tube was unattached.

Please note that the technical problems encountered during this survey resulted in inaccuracy of the results reported by SGS, consequently, Delfino Health and Safety, LLC repeated the silica monitoring portion of this survey on September 17-20, 2024 and the results of this survey are discussed below.
Refer to attached Table #3.

5. The monitored employees were observed utilizing the following personal protective equipment (PPE): hard hat, safety glasses, gloves, steel toe shoes. Caterpillar Heavy Equipment Operators were seated in a fully enclosed cab with air filtration and air conditioning, with the windows kept closed. Caterpillar regularly maintains all heavy equipment.

6. Water trucks are brought on site to maintain the level for dust in the air. However, it was noted that on August 14, 2024, one of the water trucks was inoperable, resulting in lower-than normal dust controls that day.

7. Four (4) areas were monitored over four (4) days for three specific components: hexavalent chromium, respirable dust and various metals and respirable silica. The results consistently showed levels below the laboratory's analytical level of detection. These results may only be qualitatively compared to the PEL's
Refer to attached Table #4.

September 17-20, 2024

1. The outdoor environmental conditions are outlined below.

Date	Temperature	Dew Point	Wind	Description
9/17/2024	50^0F-70^0F	54^0F	ENE 6 mph	Mostly Coudy
9/18/2024	54^0F-82^0F	61^0F	ESS 1 mph	Sunny
9/19/2024	61^0F-80^0F	61^0F	N 6 mph	Sunny/Cloudy
9/20/2024	57^0F-86^0F	52^0F	N 5 mph	Sunny

2. A total of two (2) employees (laborers/operators) were monitored for at least 7.5 hours of the 8-hour shift to assess an eight-hour Time Weighted Average (8-hr TWA), over four (4) days. Monitoring was conducted for respirable silica. In total eight (8) personal samples were collected.

3. The eight (8) occupational exposures for respirable crystalline silica were significantly below the Permissible Exposure Limits (PEL's) and Action Level for respirable crystalline silica during the four days of monitoring. In fact, the occupational exposure results were beneath laboratory's analytical level of detection.
Refer to Table #5.

4. The eight (8) area samples collected over the four-day survey were significantly below the laboratory's limit of detection. Only one sample (MS-R-08) taken on 9/18/2024, from Barrow Area C showed a low result of 5.9 ug/m3. This was due to bulldozers operating nearby during the later hours of the shift.
   Refer to Table #6.

5. The monitored employees were observed utilizing the following personal protective equipment (PPE): hard hat, safety glasses, gloves, steel toe shoes. Caterpillar Heavy Equipment Operators were seated in a fully enclosed cab with air filtration and air conditioning, with the windows kept closed. Caterpillar regularly maintains all heavy equipment.

RECOMMENDATIONS

Based on the results and the observations made during the August and September surveys, the following recommendations are presented for your consideration:

1. From an OSHA compliance prospective, implementing additional exposure controls, whether engineering, administrative, or respiratory protection, would not be required, provided that, production, environmental conditions, and work practices remain consistent with those observed during this survey.

2. Employees must continue to be included in the RECON Hazard Communication Program in accordance with OSHA 29 CFR 1910.1200 Hazard Communication Standard, for the general health and safety hazards associated with the detected monitored agents and due to the process and materials managed.

3. It is considered good industrial hygiene practice to monitor each employee for all three components. For instance, the site surveyor was monitored for respirable dust and metals. This employee spends their entire 8-hr shift outside an enclosed cab, making it important to evaluate their potential exposure to respirable silica. Additionally, the area where excavation is initially taking place should be monitored to assess the levels of these three components.

4. It is also a good industrial Hygiene practice to conduct additional occupational exposure monitoring annually to assess employee exposures regularly throughout the project.

6. For your convenience, "Employee Notification Letters" are provided to assist in meeting the requirements of 29 CFR 1910.1020, "Access to employee exposure and medical records" when employee requests for such information occur.

Data Tables

TABLE # 1

Occupational Exposure Results 8/12/2024-8/15/2024 RECON - Mingo Juntion, Ohio

Name	Task	Components	Total Smple Volume (L)	Date Sample ID. ug/m3			
				8/12/2024 MS-R-03	8/13/2024 MS-R-13	8/14/2024 MS-R-37	8/15/2024 MS-R-37
Scott Welker	Catapiller Compactor Operator	Hexavalent Chromium	994	<0.030			
			996		<0.031		
			984			<0.030	
			888				<0.034

Name	Task	Components	Total Smple Volume (L)	Date Sample ID. Ug/m^3			
				8/12/2024 MS-R-06	8/13/2024 MS-R-13	8/14/2024 MS-R-28	8/15/2024 MS-R-40
Gabrial Ramos Jr.	Catapiller Bulldozer Operator	Hexavalent Chromium	968	<0.031			
			964		<0.031		
			980			<0.031	
			954				<0.031

<= Lees than the analytical Limit of Detection

Hexavalent Chromium Occupational Exposure limit = 5 ugm^3

TABLE #2
Occupational Exposure Results 8/12/2024-8/15/2024 RECON - Mingo Juntion, Ohio

Name	Task	Components	Date Sample ID. Total Volume (L)				Units or measurement
			8/12/2024 MS-R-02 976 L	8/13/2024 MS-R-14 964 L	8/14/2024 MS-R-26 986 L	8/15/2024 MS-R-38 944 L	
Kenneth Allums	Catapiller Bulldozer Operator	Respirable Dust	<0.20	<0.21	<0.41	<0.21	mg/m^3
		Arsenic	<0.00031	<0.00031	<0.00061	<0.00032	
		Cadmium	<0.00015	<0.00016	<0.00030	<0.00016	
		Calcium	<0.031	<0.63	<0.061	<0.032	
		Chromium	<0.0077	<0.0078	<0.015	<0.0079	
		Cobalt	<0.00046	<0.00047	<0.00091	<0.00048	
		Copper	<0.00031	<0.00031	<0.00061	<0.00032	
		Iron Oxide	<0.0011	<0.011	<0.022	<0.011	
		Lead	<0.00038	<0.00039	<0.00076	<0.00040	
		Manganese	<0.00015	<0.00016	<0.0003	<0.00016	
		Nickel	<0.00031	<0.00031	<0.00061	<0.00032	
		Thallium	<0.0015	<0.0016	<0.0030	<0.0016	
		Zinc Oxide	<0.0048	<0.011	<0.0095	<0.0049	
Name	**Task**	**Components**	**Date Sample ID. mg/m3 Total Volume (L)**				Units or measurement
			8/12/2024 MS-R-05 972 L	8/13/2024 MS-R-17 966 L	8/14/2024 MS-R-29 938 L	8/15/2024 MS-R-41 948 L	
Dylan Rhyme Thomas Miles (MS-R-41)	Site Surveyor-driving a utility terrain vehicle	Respirable Dust	<0.26	<0.21	<0.21	<0.21	mg/m^3
		Arsenic	<0.00031	<0.00031	<0.00032	<0.00032	
		Cadmium	<0.00015	<0.00016	<0.00016	<0.00016	
		Calcium	<0.051	<0.031	<0.032	<0.032	
		Chromium	<0.007	<0.0078	<0.0080	<0.0079	
		Cobalt	<0.00046	<0.00047	<0.00048	<0.00047	
		Copper	<0.00031	<0.00031	<0.00032	<0.00032	
		Iron Oxide	<0.018	<0.011	<0.011	<0.011	
		Lead	<0.00039	<0.00039	<0.00040	<0.00040	
		Manganese	<0.00050	<0.00016	<0.00016	<0.00016	
		Nickel	<0.031	<0.00031	<0.00032	<0.00032	
		Thallium	<0.0015	<0.0016	<0.0016	<0.0016	
		Zinc Oxide	<0.0048	<0.0048	<0.0050	<0.0049	

Component	Occupational Exposure Limit	Action Level	Ceiling Limit
Total Dust as PNOR	15 mg/m3	N/A	N/A
Respirable Dust as PNOR	5 mg/m3	N/A	N/A
Hexavalent Chromium	5 ug/m^3	2.5 ug/m^3	N/A
Arsenic	0.01 mg/m^3	N/A	N/A
Cadmium	0.005 mg/m^3	N/A	N/A
Calcium	5 mg/m^3	N/A	N/A
Chromium	0.5 mg/m3	N/A	N/A
Cobalt	0.1 mg/m3	N/A	N/A
Copper	1 mg/m3	N/A	N/A
Iron Oxide	10 mg/m3	N/A	N/A
Lead	0.05 mg/m3	N/A	N/A
Manganese	N/A	N/A	5 mg/m3
Nickel	1 mg/m3	N/A	N/A
Thallium	0.1 mg/m3	N/A	N/A
Zinc Oxide	15 mg/m3 (as PNOR)	5 mg/m3 (as PNOR)	N/A
Silica	50 ug/m3	N/A	N/A

TABLE # 3
Occupational Exposure Results 8/12/2024-8/15/2024 RECON - Mingo Juntion, Ohio

				Date Sample ID			
Name	**Task**	**Components**	**Total Smple Volume (L)**	8/12/2024 MS-R-01	8/13/2024 MS-R-15	8/14/2024 MS-R-27	8/15/2024 MS-R-39
Caitlyn Little John	Laborer-driving a Pick up truck	Respirable Silica	850	<5.9			
			823		<6.1		
			843			**7.4**	
			811				<6.2

				Date Sample ID			
Name	**Task**	**Components**	**Total Smple Volume (L)**	8/12/2024 MS-R-04	8/13/2024 MS-R-18	8/14/2024 MS-R-30	8/15/2024 MS-R-42
Bryan Cox	Laborer--driving a utility terrain vehicle and a mini excavator	Respirable Silica	842	<5.9			
			825		<6.1		
			843			**35**	
			845				<6.5

<= Less than the analytical Limit of detection

Occupation Exposure Limit for Respirable Silica = 50 ug/m^3

Action Level for Respirable Silica = 25 ug/m3

TABLE #4

Area Exposure Results 8/12/2024-8/15/2024 RECON - Mingo Juntion, Ohio

Sample ID	Location	Components	Total Sample Volume (L)	Date				Units of measurement
				8/132024	8/14/2024	8/15/2024	8/16/2024	
MS-R-08	North East MW 103-- approximately 100 Yards from work area	Hexavalent Chromium	966	<0.031				ug/m^3
MS-R-09		Total Dust	996	<0.21				mg/m^3
		Arsenic		<0.0031				
		Cadmium		<0.00016				
		Calcium		<0.031				
		Chromium		<0.0078				
		Cobalt		<0.00047				
		Copper		<0.00031				
		Iron Oxide		<0.011				
		Lead		<0.00039				
		Manganese		<0.00016				
		Nickel		<0.00031				
		Thallium		<0.0016				
		Zinc Oxide		<0.0048				
MS-R-07		Silica	821	<6.1				ug/m^3
MS-R-12	North West MW-117	Hexavalent Chromium	934	<0.034				ug/m^3
MS-R-11		Total Dust	934	<0.21				mg/m^3
		Arsenic		<0.00032				
		Cadmium		<0.00016				
		Calcium		<0.032				
		Chromium		<0.008				
		Cobalt		<0.00048				
		Copper		<0.00032				
		Iron Oxide		<0.011				
		Lead		<0.00040				
		Manganese		<0.00016				
		Nickel		<0.00032				
		Thallium		<0.0016				
		Zinc Oxide		<0.0050				
MS-R_10		Silica	792	<6.3				ug/m^3

Area Exposure Results 8/12/2024-8/15/2024 RECON - Mingo Juntion, Ohio

Sample ID	Location	Components	Total Sample Volume (L)	Date				Units of measurement
				8/132024	8/14/2024	8/15/2024	8/16/2024	
MS-R-19		Hexavalent Chromium	926		<0.032			ug/m^3
		Respirable Dust			<0.20			
		Arsenic			<0.00032			
		Cadmium			<0.00016			
		Calcium			<0.032			
		Chromium			<0.0081			
		Cobalt			<0.00049			
MS-R-20	North East MN-103	Copper	925		<0.00032			mg/m^3
		Iron Oxide			<0.012			
		Lead			<0.00040			
		Manganese			<0.00016			
		Nickel			<0.00032			
		Thallium			<0.0016			
		Zinc Oxide			<0.0050			
MS-R-21		Silica	788		<6.3			
MS-R-22		Hexavalent Chromium	924		<0.032			ug/m^3
		Respiable Dust			<0.22			
		Arsenic			<0.00032			
		Cadmium			<0.00016			
		Calcium			<0.0.32			
		Chromium			<0.0081			
		Cobalt			<0.00049			
MS-R-23	North West MN-117	Copper	924		**0.0023**			mg/m3
		Iron Oxide			<0.012			
		Lead			<0.00041			
		Manganese			<0.00016			
		Nickel			<0.00032			
		Thallium			<0.0016			
		Zinc Oxide			<0.0051			
MS-R-24		Silica			<6.4			ug/m^3

Area Exposure Results 8/12/2024-8/15/2024 RECON - Mingo Juntion, Ohio

Sample ID	Location	Components	Total Sample Volume (L)	Date				Units of measurement
				8/132024	8/14/2024	8/15/2024	8/16/2024	
MS-R-31		Hexavalent Chromium	956			<0.031		ug/m^3
MS-R-32	OGG CO_2 Oil Well	Respirable Dust	956			<0.21		mg/m3
		Arsenic				<0.00031		
		Cadmium				<0.00016		
		Calcium				<0.031		
		Chromium				<0.078		
		Cobalt				<0.00047		
		Copper				<0.00031		
		Iron Oxide				<0.011		
		Lead				<0.00039		
		Manganese				<0.00016		
		Nickel				<0.00031		
		Thallium				<0.0016		
		Zinc Oxide				<0.0049		
MS-R-33		Silica	813			<6.2		ug/m^3
MS-R-34		Hexavalent Chromium	912			<0.033		ug/m^3
MS-R-35	East of Former MW -111	Respirable Dust	912			<0.22		mg/m3
		Arsenic				<0.00033		
		Cadmium				<0.00016		
		Calcium				<0.0033		
		Chromium				<0.0082		
		Cobalt				<0.00049		
		Copper				<0.00033		
		Iron Oxide				<0.012		
		Lead				<0.00041		
		Manganese				<0.00016		
		Nickel				<0.00033		
		Thallium				<0.0016		
		Zinc Oxide				<0.0051		
MS-R-36		Silica	775			<6.5		ug/m^3

Area Exposure Results 8/12/2024-8/15/2024 RECON - Mingo Juntion, Ohio

Sample ID	Location	Components	Total Sample Volume (L)	Date				Units of measurement
				8/132024	8/14/2024	8/15/2024	8/16/2024	
MS-R-43		Hexavalent Chromium	898				<0.033	ug/m^3
		Respirable Dust					<0.22	
		Arsenic					<0.00033	
		Cadmium					<0.00017	
		Calcium					<0.033	
		Chromium					<0.083	
		Cobalt					<0.00050	
MS-R-44	OGG CO_2 Oil Well	Copper	902				<0.00033	mg/m3
		Iron Oxide					<0.012	
		Lead					<0.00042	
		Manganese					<0.00017	
		Nickel					<0.00033	
		Thallium					<0.0017	
		Zinc Oxide					<0.0052	
MS-R-45		Silica	764				<6.5	ug/m^3
MS-R-46		Hexavalent Chromium	892				<0.034	ug/m^3
		Respirable Dust					<0.22	
		Arsenic					<0.00034	
		Cadmium					<0.00017	
		Calcium					<0.034	
		Chromium					<0.0084	
		Cobalt					<0.00050	
MS-R-47	East of Former MW -111	Copper	892				<0.00034	mg/m3
		Iron Oxide					<0.012	
		Lead					<0.00042	
		Manganese					<0.00017	
		Nickel					<0.00034	
		Thallium					<0.0017	
		Zinc Oxide					<0.0052	
MS-R-48		Silica	758				<6.6	ug/m^3

Component	Occupational Exposure Limit	Action Level	Ceiling Limit
Total Dust as PNOR	15 mg/m3	N/A	N/A
Respirable Dust as PNOR	5 mg/m3	N/A	N/A
Hexavalent Chromium	5 ug/m^3	2.5 ug/m^3	N/A
Arsenic	0.01 mg/m^3	N/A	N/A
Cadmium	0.005 mg/m^3	N/A	N/A
Calcium	5 mg/m^3	N/A	N/A
Chromium	0.5 mg/m3	N/A	N/A
Cobalt	0.1 mg/m3	N/A	N/A
Copper	1 mg/m3	N/A	N/A
Iron Oxide	10 mg/m3	N/A	N/A
Lead	0.05 mg/m3	N/A	N/A
Manganese	N/A	N/A	5 mg/m3
Nickel	1 mg/m3	N/A	N/A
Thallium	0.1 mg/m3	N/A	N/A
Zinc Oxide	15 mg/m3 (as PNOR)	5 mg/m3 (as PNOR)	N/A
Silica	50 ug/m3	N/A	N/A

TABLE # 5

Occupational Exposure Results 9/17/2024-9/20/2024 RECON - Mingo Juntion, Ohio

				Date Sample ID			
Name	**Task**	**Components**	**Total Smple Volume (L)**	9/17/2024 MS-R-02	9/18/2024 MS-R-06	9/19/2024 MS-R-09	9/20/2024 MS-R-13
Caitlyn Little John	Laborer-driving a Haul Truck	Respirable Silica	1237.5	<4.0			
			1272.5		<3.9		
			1230			<4.1	
			1260				<4.0

				Date Sample ID			
Name	**Task**	**Components**	**Total Smple Volume (L)**	9/17/2024 MS-R-01	9/18/2024 MS-R-05	9/19/2024 MS-R-10	9/20/2024 MS-R-14
Bryan Cox	Laborer--Walking the property and driving a haul truck	Respirable Silica	1237.5	<4.0			
			1257.5		<4.0		
			1230			<4.1	
			1255				<4.0

<= Less than the analytical Limit of detection

Occupation Exposure Limit for Respirable Silica = 50 ug/m^3

Action Level for Respirable Silica = 25 ug/m3

TABLE #6

Area Exposures Results 9/17/2024-9/20/2024

Mingo Junction Ohio

Location	Components	Total Smple Volume (L)	9/17/2024 ug/m3	9/18/2024 ug/m3	9/19/2024 ug/m3	9/20/2024 ug/m3
OG Well 2 MS-R-03	Respirable Silica	1137.5	<4.4			
MW 108 MS-R-04	Respirable Silica	1285	<3.9			
Barrow Area C #1 MS-R-07	Respirable Silica	1152.5		<4.3		
Barrow Area C #2 MS-R-08	Respirable Silica	1150		5.9		
Barrow Area C #1 MS-R-11	Respirable Silica	1172.5			<4.3	
Barrow Area C #2 MS-R-12	Respirable Silica	1177.5			<4.2	
Barrow Area C #1 MS-R-15	Respirable Silica	1140				<4.4
Barrow Area C #2 MS-R-16	Respirable Silica	1140				<4.4

Laboratory Analysis

SGS GALSON

Carol Delfino
Delfino Health & Safety, llc
339 Cottage Road
Clinton, PA 15026

August 16, 2024

Account# 39976

Login# L634365

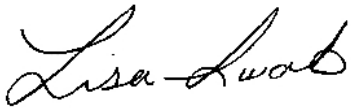
Dear Carol Delfino:

Enclosed are the analytical results for the samples received by our laboratory on August 13, 2024. 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)

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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 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
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - 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

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MINGO JUNCTION-OH

Date Sampled : 12-AUG-24
Date Received : 13-AUG-24

Account No.: 39976
Login No. : L634365

Date Analyzed : 15-AUG-24
Report ID : 1441865

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total ug	Conc ug/m3
MS-R-03	L634365-1	994	<0.030	<0.030
MS-R-06	L634365-2	968	<0.030	<0.031
MS-R-08	L634365-3	966	<0.030	<0.031
MS-R-12	L634365-4	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 UW 37mm

Submitted by: KJA
Date : 16-AUG-24
Supervisor : MCM

Approved by: KLS

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : Delfino Health & Safety, llc
Site : MINGO JUNCTION-OH

Date Sampled : 12-AUG-24
Date Received: 13-AUG-24
Date Analyzed: 15-AUG-24

Account No.: 39976
Login No. : L634365

L634365 (Report ID: 1441865):
SOPs: IC-SOP-15(27)
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.

L634365 (Report ID: 1441865):
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	+/-11.2%	101%

278202043048
Date:08/13/24
Shipper:FEDEX
Initials:YBR
Prep:UNKNOWN

L6343365

CHAIN OF CUSTODY

32 one

Turn Around Time (TAT)		surcharge
☐ amt	Standard	0%
☐	4 Business Days	35%
☐	3 Business Days	50%
☐	2 Business Days	75%
☐	Next Day by 6pm	100%
☐	Next Day by Noon	150%
☐	Same Day	200%

Client Acct No.: 39976

Original Prep No.: PSY749181

Online COC No.: 302524

Report To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
City, State Zip: Clinton, PA 15026
Phone No.: 412-980-1904
Cell No.:
Email reports to: carol@delfinohs.com
Email EDD to:
Comments:

Invoice To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
Company Name: Clinton, PA 15026
Phone No.: 412-980-1904
Email Address: carol@delfinohs.com
Comments:
P.O. No.:
Payment info.: ☐ I will call SGS to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments: No process. KLD 8/13/24

State Sampled: ☐ MSHA

Site Name: Mingo Junction - OH

Project:

Sampled By: Carol Delfino

List description of industry or Processes/Interfaces present in sampling area:

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	Internal Notes
MJ-R-03	8/12/24	2pc 37mm UW PVC	994 497	liters min.	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MJ-R-06	8/12/24	2pc 37mm UW PVC	968 484	l 483 min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MJ-R-08	8/12/24	2pc 37mm UW PVC	966 483	l min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO Carol Delfino	8/12/24	4:30pm	Received By:	Yasmine Rivas Yasmine Rivas	8/13/24	0952
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No.: 302524
Prep No.: PSY749181
Account No.: 39976
Finalized: 07/30/2024 9:52:57 AM

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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	Internal Notes
MJ-R-12	8/12/24	2pc 37mm UW PVC	874 437	l min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO	Carol Delfino	8/12/24	4:30pm	Received By:	Yasmine Rivas Yasmine Rivas	8/13/24	0952
Relinquished By:					Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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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Member of the SGS Group (SGS SA)

SGS GALSON

Carol Delfino
Delfino Health & Safety, llc
339 Cottage Road
Clinton, PA 15026

August 19, 2024

Account# 39976

Login# L634558

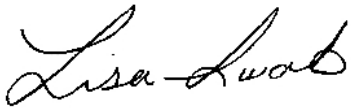
Dear Carol Delfino:

Enclosed are the analytical results for the samples received by our laboratory on August 15, 2024. 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)

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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
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - 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

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MS-RECON
Project No. : MINGO JUNCTION
Date Sampled : 14-AUG-24
Date Received : 15-AUG-24

Account No.: 39976
Login No. : L634558

Date Analyzed : 16-AUG-24
Report ID : 1442169

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total ug	Conc ug/m3
MS-R-25	L634558-1	984	<0.030	<0.030
MS-R-28	L634558-2	980	<0.030	<0.031
MSR-31	L634558-3	956	<0.030	<0.031
MS-R-34	L634558-4	912	<0.030	<0.033

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 UW 37mm

Submitted by: KJA
Date : 19-AUG-24
Supervisor : MCM

Approved by: KLS

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY FOOTNOTE REPORT

Client Name : Delfino Health & Safety, llc
Site : MS-RECON
Project No. : MINGO JUNCTION

Date Sampled : 14-AUG-24 Account No.: 39976
Date Received: 15-AUG-24 Login No. : L634558
Date Analyzed: 16-AUG-24

L634558 (Report ID: 1442169):
SOPs: IC-SOP-15(27)
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.

L634558 (Report ID: 1442169):
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	+/-11.2%	101%

278300132444
Date:08/15/24
Shipper:FEDEX
Initials:OTS
Prep:UNKNOWN

L634558

(50)

CHAIN OF CUSTODY

Turn Around Time (TAT)	surcharge
☐ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

Client Acct No.: 39976
Original Prep No.: PSY749181
Online COC No.: 302524

Report To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
City, State Zip: Clinton, PA 15026
Phone No.: 412-980-1904
Cell No.:
Email reports to: carol@delfinohs.com
Email EDD to:
Comments:

Invoice To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
Company Name: Clinton, PA 15026
Phone No.: 412-980-1904
Email Address: carol@delfinohs.com
Comments:
P.O. No.:
Payment info.: ☐ I will call SGS to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled: ☐ MSHA

Site Name: MS-RECON
Project: Mingo Junction
Sampled By: CAROL DELFINO
List description of industry or Processes/Interfaces present in sampling area: Digging Dirt - NO Hex Chrome Process

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	Internal Notes
MS-R-25	8/14/24	2pc 3/8mm UW PVC	984 / 492 min	L / min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MS-R-28	8/14/24	2pc 3/8mm UW PVC	980 / 490	L / min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MS R-31	8/14/24	2pc 3/8mm UW PVC	956 / 478	L / min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO Carol Delfino	8/14/24	5:00 pm	Received By:	Olivia T. Silver Olivia T. Silver	8/15/24	0931
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No.: 302524
Prep No.: PSY749181
Account No.: 39976
Finalized: 07/30/2024 9:52:57 AM

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SGS

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	Internal Notes
MO-R-34	8/14/24	2pc 37mm UW PVC	912 456	l min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO	Carol Delfino	8/14/24	5:00 pm	Received By:	Olivia T. Silver	Olivia T. Silver	8/15/24	0931
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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SGS GALSON

Carol Delfino
Delfino Health & Safety, llc
339 Cottage Road
Clinton, PA 15026

August 21, 2024

Account# 39976

Login# L634473

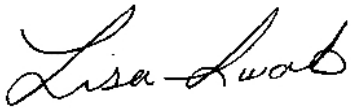
Dear Carol Delfino:

Enclosed are the analytical results for the samples received by our laboratory on August 14, 2024. 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)

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
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - 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

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MAC SAFETY-RECON
Project No. : MINGO CREEK
Date Sampled : 13-AUG-24
Date Received : 14-AUG-24

Account No.: 39976
Login No. : L634473

Date Analyzed : 15-AUG-24
Report ID : 1441866

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total ug	Conc ug/m3
MS-R-13	L634473-1	966	<0.030	<0.031
MS-R-16	L634473-2	964	<0.030	<0.031
MS-R-19	L634473-3	926	<0.030	<0.032
MS-R-22	L634473-4	924	<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 UW 37mm

Submitted by: KJA
Date : 21-AUG-24
Supervisor : MCM

Approved by: KLS

SGS GALSON

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY FOOTNOTE REPORT

Client Name : Delfino Health & Safety, llc
Site : MAC SAFETY-RECON
Project No. : MINGO CREEK

Date Sampled : 13-AUG-24 Account No.: 39976
Date Received: 14-AUG-24 Login No. : L634473
Date Analyzed: 15-AUG-24

L634473 (Report ID: 1441866):
SOPs: IC-SOP-15(27)
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.

L634473 (Report ID: 1441866):
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	+/-11.2%	101%

278253320344
Date:08/14/24
Shipper:FEDEX
Initials:AMF

Prep:UNKNOWN

L0344473

(28)
CRL6

CHAIN OF CUSTODY

Turn Around Time (TAT)	surcharge
☐ (VBT) Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

Client Acct No.: 39976

Original Prep No.: PSY749181

Online COC No.: 302524

Report To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
City, State Zip: Clinton, PA 15026
Phone No.: 412-980-1904
Cell No.:
Email reports to: carol@delfinohs.com
Email EDD to:
Comments:

Invoice To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
Company Name: Clinton, PA 15026
Phone No.: 412-980-1904
Email Address: carol@delfinohs.com
Comments:
P.O. No.:
Payment info.: ☐ I will call SGS to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments: No process. KLD 8/16/24

State Sampled: ☐ MSHA

Site Name: MSC Safety - Recon | Project: Mingo Creek | Sampled By: Carol Delfino | List description of industry or Processes/Interfaces present in sampling area: Digging Dirt

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	Internal Notes
MS-R-13	8/13/24	2pc 37mm UW PVC	966 / 482	l / m	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MS-R-16	8/13/24	2pc 37mm UW PVC	964 / 482	l / m	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MS-R-19	8/13/24	2pc 37mm UW PVC	926 / 463	l / m	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO Carol Delfino	8/13/24	5:00	Received By:	Ava Ferreira	8/14/24	957
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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CHAIN OF CUSTODY

Turn Around Time (TAT)	surcharge
☐ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

Client Acct No.: 39976
Original Prep No.: PSY749181
Online COC No.: 302524

Report To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
City, State Zip: Clinton, PA 15026
Phone No.: 412-980-1904
Cell No.:
Email reports to: carol@delfinohs.com
Email EDD to:
Comments:

Invoice To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
Company Name: Clinton, PA 15026
Phone No.: 412-980-1904
Email Address: carol@delfinohs.com
Comments:
P.O. No.:
Payment info.: ☐ I will call SGS to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled: ☐ MSHA

Site Name: MC Safety - Recon
Project: Mingo Creek
Sampled by: Carol Delfino
List description of industry or Processes/Interfaces present in sampling area:

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	Internal Notes
MC-R-22	8/13/24	2pc 3/mm UW PVC	~~966~~ 924 ~~483~~ 462	L min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MC-B-		2pc 3/mm UW PVC	~~964~~ ~~482~~	L min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 3/mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO Carol Delfino	8/13/24	5:00pm	Received By:	Ava Ferreira	8/14/24	957
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No.: 302524
Prep No.: PSY749181
Account No.: 39976
Finalized: 07/30/2024 9:52:57 AM

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SGS GALSON

Carol Delfino
Delfino Health & Safety, llc
339 Cottage Road
Clinton, PA 15026

August 23, 2024

Account# 39976

Login# L634717

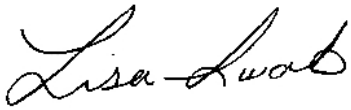
Dear Carol Delfino:

Enclosed are the analytical results for the samples received by our laboratory on August 16, 2024. 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)

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 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
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - 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

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MAC SAFETY-RECON
Project No. : MINGO JUNCTION
Date Sampled : 15-AUG-24
Date Received : 16-AUG-24

Account No.: 39976
Login No. : L634717

Date Analyzed : 21-AUG-24 - 22-AUG-24
Report ID : 1442885

Hexavalent Chromium

Sample ID	Lab ID	Air Vol liter	Total ug	Conc ug/m3
MO-R-37	L634717-1	888	<0.030	<0.034
MO-R-40	L634717-2	954	<0.030	<0.031
MO-R-43	L634717-3	898	<0.030	<0.033
MO-R-46	L634717-4	892	<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 UW 37mm

Submitted by: KJA
Date : 23-AUG-24
Supervisor : MCM

Approved by: KLS

SGS GALSON

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : Delfino Health & Safety, llc
Site : MAC SAFETY-RECON
Project No. : MINGO JUNCTION

Date Sampled : 15-AUG-24 Account No.: 39976
Date Received: 16-AUG-24 Login No. : L634717
Date Analyzed: 21-AUG-24 - 22-AUG-24

L634717 (Report ID: 1442885):
SOPs: IC-SOP-15(27)
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.

L634717 (Report ID: 1442885):
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	+/-11.2%	101%

278345926332
Date:08/16/24
Shipper:FEDEX
Initials:OTS

Prep:UNKNOWN

L634717

(48)
CR4

CHAIN OF CUSTODY

Turn Around Time (TAT)	surcharge
☐ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

Client Acct No.: 39976
Original Prep No.: PSY749181
Online COC No.: 302524

Report To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
City, State Zip: Clinton, PA 15026
Phone No.: 412-980-1904
Cell No.:
Email reports to: carol@delfinohs.com
Email EDD to:
Comments:

Invoice To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
Company Name: Clinton, PA 15026
Phone No.: 412-980-1904
Email Address: carol@delfinohs.com
Comments:
P.O. No.:
Payment info.: ☐ I will call SGS to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled: Ohio ☐ MSHA

Site Name: MAC Safety - Recon
Project: Mingo Junction
Sampled By: CAROL DELFINO
List description of industry or Processes/Interfaces present in sampling area: Digging Dirt - NO process for NC

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	Internal Notes
MO-R-37	8/15/24	2pc 3/mm UW PVC	888 444	2 min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MOR-40	8/15/24	2pc 3/mm UW PVC	954 477	min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MO-R-43	8/15/24	2pc 3/mm UW PVC	898 449	min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO Carol Delfino	8/15/24	5:00pm	Received By:	[illegible]		
Relinquished By:				Received By:	Olivia T. Silver Olivia T. Silver	8/16/24	0950

Samples received after 3pm will be considered as next day's business.

Online COC No.:302524
Prep No.:PSY749181
Account No.:39976
Finalized:07/30/2024 9:52:57 AM

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SGS

CHAIN OF CUSTODY

Comments: *did not receive sample blank. ots 8/16/24

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	Internal Notes
MJ-R-46	8/15/24	2pc 37mm UW PVC	892 446	l min	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MJ-R-49 *	8/15/24	2pc 37mm UW PVC	Blank	—	Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

☐ 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:	CAROL DELFINO	Carol Delfino	8/15/24	5:00pm	Received By:			
Relinquished By:					Received By:	Olivia T Silver Olivia T Silver	8/16/24	0950

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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SGS GALSON

Carol Delfino
Delfino Health & Safety, llc
339 Cottage Road
Clinton, PA 15026

August 28, 2024

Account# 39976

Login# L634970

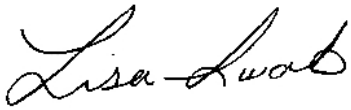
Dear Carol Delfino:

Enclosed are the analytical results for the samples received by our laboratory on August 19, 2024. 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)

Terms and Conditions & General Disclaimers

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- 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
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - 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

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-02 **Lab ID : L634970-1** **Air Volume : 976 L**
Date Sampled : 08/12/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00031	mg/m3
Cadmium	0.15	<0.15	<0.00015	mg/m3
Calcium	30.	<30	<0.031	mg/m3
Chromium	7.5	<7.5	<0.0077	mg/m3
Cobalt	0.45	<0.45	<0.00046	mg/m3
Copper	0.30	<0.30	<0.00031	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00038	mg/m3
Manganese	0.15	<0.15	<0.00015	mg/m3
Nickel	0.30	<0.30	<0.00031	mg/m3
Thallium	1.5	<1.5	<0.0015	mg/m3
Zinc Oxide	4.7	<4.7	<0.0048	mg/m3

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

Collection Media: MCE MW 37mm
Date : 26-AUG-24

Submitted by: GOM/CAW/MSC
Supervisor : JJL

Approved by: CAW

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Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-05 **Lab ID : L634970-2** **Air Volume : 972 L**
Date Sampled : 08/12/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00031	mg/m3
Cadmium	0.15	<0.15	<0.00015	mg/m3
Calcium	30.	49	0.051	mg/m3
Chromium	7.5	<7.5	<0.0077	mg/m3
Cobalt	0.45	<0.45	<0.00046	mg/m3
Copper	0.30	<0.30	<0.00031	mg/m3
Iron Oxide	11.	17	0.018	mg/m3
Lead	0.38	<0.38	<0.00039	mg/m3
Manganese	0.15	0.49	0.00050	mg/m3
Nickel	0.30	<0.30	<0.00031	mg/m3
Thallium	1.5	<1.5	<0.0015	mg/m3
Zinc Oxide	4.7	<4.7	<0.0048	mg/m3

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Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-09 **Lab ID : L634970-3** **Air Volume : 966 L**
Date Sampled : 08/12/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00031	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.031	mg/m3
Chromium	7.5	<7.5	<0.0078	mg/m3
Cobalt	0.45	<0.45	<0.00047	mg/m3
Copper	0.30	<0.30	<0.00031	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00039	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00031	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0048	mg/m3

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

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Submitted by: GOM/CAW/MSC
Supervisor : JJL

Approved by: CAW

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Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-11 **Lab ID : L634970-4** **Air Volume : 934 L**
Date Sampled : 08/12/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00032	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.032	mg/m3
Chromium	7.5	<7.5	<0.0080	mg/m3
Cobalt	0.45	<0.45	<0.00048	mg/m3
Copper	0.30	<0.30	<0.00032	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00040	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00032	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0050	mg/m3

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

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Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-14 **Lab ID : L634970-5** **Air Volume : 964 L**
Date Sampled : 08/13/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00031	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	61	0.063	mg/m3
Chromium	7.5	<7.5	<0.0078	mg/m3
Cobalt	0.45	<0.45	<0.00047	mg/m3
Copper	0.30	<0.30	<0.00031	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00039	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00031	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	10	0.011	mg/m3

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

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Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-17 **Lab ID : L634970-6** **Air Volume : 966 L**
Date Sampled : 08/13/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00031	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.031	mg/m3
Chromium	7.5	<7.5	<0.0078	mg/m3
Cobalt	0.45	<0.45	<0.00047	mg/m3
Copper	0.30	<0.30	<0.00031	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00039	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00031	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0048	mg/m3

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Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-20 **Lab ID : L634970-7** **Air Volume : 926 L**
Date Sampled : 08/13/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00032	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.032	mg/m3
Chromium	7.5	<7.5	<0.0081	mg/m3
Cobalt	0.45	<0.45	<0.00049	mg/m3
Copper	0.30	<0.30	<0.00032	mg/m3
Iron Oxide	11.	<11	<0.012	mg/m3
Lead	0.38	<0.38	<0.00040	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00032	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0050	mg/m3

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

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Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-23 **Lab ID : L634970-8** **Air Volume : 924 L**
Date Sampled : 08/13/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00032	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.032	mg/m3
Chromium	7.5	<7.5	<0.0081	mg/m3
Cobalt	0.45	<0.45	<0.00049	mg/m3
Copper	0.30	2.1	0.0023	mg/m3
Iron Oxide	11.	<11	<0.012	mg/m3
Lead	0.38	<0.38	<0.00041	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00032	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0051	mg/m3

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Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-26 **Lab ID : L634970-9** **Air Volume : 493 L**
Date Sampled : 08/14/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00061	mg/m3
Cadmium	0.15	<0.15	<0.00030	mg/m3
Calcium	30.	<30	<0.061	mg/m3
Chromium	7.5	<7.5	<0.015	mg/m3
Cobalt	0.45	<0.45	<0.00091	mg/m3
Copper	0.30	<0.30	<0.00061	mg/m3
Iron Oxide	11.	<11	<0.022	mg/m3
Lead	0.38	<0.38	<0.00076	mg/m3
Manganese	0.15	<0.15	<0.00030	mg/m3
Nickel	0.30	<0.30	<0.00061	mg/m3
Thallium	1.5	<1.5	<0.0030	mg/m3
Zinc Oxide	4.7	<4.7	<0.0095	mg/m3

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

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Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-29 **Lab ID : L634970-10** **Air Volume : 938 L**
Date Sampled : 08/14/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00032	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.032	mg/m3
Chromium	7.5	<7.5	<0.0080	mg/m3
Cobalt	0.45	<0.45	<0.00048	mg/m3
Copper	0.30	<0.30	<0.00032	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00040	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00032	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0050	mg/m3

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Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-32 **Lab ID : L634970-11** **Air Volume : 956 L**
Date Sampled : 08/14/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00031	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.031	mg/m3
Chromium	7.5	<7.5	<0.0078	mg/m3
Cobalt	0.45	<0.45	<0.00047	mg/m3
Copper	0.30	<0.30	<0.00031	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00039	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00031	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0049	mg/m3

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Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-35 **Lab ID : L634970-12** **Air Volume : 912 L**
Date Sampled : 08/14/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00033	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.033	mg/m3
Chromium	7.5	<7.5	<0.0082	mg/m3
Cobalt	0.45	<0.45	<0.00049	mg/m3
Copper	0.30	<0.30	<0.00033	mg/m3
Iron Oxide	11.	<11	<0.012	mg/m3
Lead	0.38	<0.38	<0.00041	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00033	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0051	mg/m3

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Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-38 **Lab ID : L634970-13** **Air Volume : 944 L**
Date Sampled : 08/15/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00032	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.032	mg/m3
Chromium	7.5	<7.5	<0.0079	mg/m3
Cobalt	0.45	<0.45	<0.00048	mg/m3
Copper	0.30	<0.30	<0.00032	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00040	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00032	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0049	mg/m3

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

Collection Media: MCE MW 37mm
Date : 26-AUG-24

Submitted by: GOM/CAW/MSC
Supervisor : JJL

Approved by: CAW

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-41 **Lab ID : L634970-14** **Air Volume : 948 L**
Date Sampled : 08/15/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00032	mg/m3
Cadmium	0.15	<0.15	<0.00016	mg/m3
Calcium	30.	<30	<0.032	mg/m3
Chromium	7.5	<7.5	<0.0079	mg/m3
Cobalt	0.45	<0.45	<0.00047	mg/m3
Copper	0.30	<0.30	<0.00032	mg/m3
Iron Oxide	11.	<11	<0.011	mg/m3
Lead	0.38	<0.38	<0.00040	mg/m3
Manganese	0.15	<0.15	<0.00016	mg/m3
Nickel	0.30	<0.30	<0.00032	mg/m3
Thallium	1.5	<1.5	<0.0016	mg/m3
Zinc Oxide	4.7	<4.7	<0.0049	mg/m3

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

Collection Media: MCE MW 37mm
Date : 26-AUG-24
Submitted by: GOM/CAW/MSC
Supervisor : JJL
Approved by: CAW

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Client : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-44 **Lab ID : L634970-15** **Air Volume : 902 L**
Date Sampled : 08/15/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00033	mg/m3
Cadmium	0.15	<0.15	<0.00017	mg/m3
Calcium	30.	<30	<0.033	mg/m3
Chromium	7.5	<7.5	<0.0083	mg/m3
Cobalt	0.45	<0.45	<0.00050	mg/m3
Copper	0.30	<0.30	<0.00033	mg/m3
Iron Oxide	11.	<11	<0.012	mg/m3
Lead	0.38	<0.38	<0.00042	mg/m3
Manganese	0.15	<0.15	<0.00017	mg/m3
Nickel	0.30	<0.30	<0.00033	mg/m3
Thallium	1.5	<1.5	<0.0017	mg/m3
Zinc Oxide	4.7	<4.7	<0.0052	mg/m3

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

Collection Media: MCE MW 37mm
Date : 26-AUG-24

Submitted by: GOM/CAW/MSC
Supervisor : JJL

Approved by: CAW

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Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-47 **Lab ID : L634970-16** **Air Volume : 892 L**
Date Sampled : 08/15/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	<0.00034	mg/m3
Cadmium	0.15	<0.15	<0.00017	mg/m3
Calcium	30.	<30	<0.034	mg/m3
Chromium	7.5	<7.5	<0.0084	mg/m3
Cobalt	0.45	<0.45	<0.00050	mg/m3
Copper	0.30	<0.30	<0.00034	mg/m3
Iron Oxide	11.	<11	<0.012	mg/m3
Lead	0.38	<0.38	<0.00042	mg/m3
Manganese	0.15	<0.15	<0.00017	mg/m3
Nickel	0.30	<0.30	<0.00034	mg/m3
Thallium	1.5	<1.5	<0.0017	mg/m3
Zinc Oxide	4.7	<4.7	<0.0052	mg/m3

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

Collection Media: MCE MW 37mm
Date : 26-AUG-24

Submitted by: GOM/CAW/MSC
Supervisor : JJL

Approved by: CAW

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Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 23-AUG-24
Report ID : 1443121

Client ID : MS-R-50 **Lab ID : L634970-17** **Air Volume : NA**
Date Sampled : 08/15/24 **Date Analyzed : 08/23/24**

Parameter	LOQ ug	Total ug	Conc	Units
Arsenic	0.30	<0.30	NA	mg/m3
Cadmium	0.15	<0.15	NA	mg/m3
Calcium	30.	<30	NA	mg/m3
Chromium	7.5	<7.5	NA	mg/m3
Cobalt	0.45	<0.45	NA	mg/m3
Copper	0.30	<0.30	NA	mg/m3
Iron Oxide	11.	<11	NA	mg/m3
Lead	0.38	<0.38	NA	mg/m3
Manganese	0.15	<0.15	NA	mg/m3
Nickel	0.30	<0.30	NA	mg/m3
Thallium	1.5	<1.5	NA	mg/m3
Zinc Oxide	4.7	<4.7	NA	mg/m3

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

Collection Media: MCE MW 37mm
Date : 26-AUG-24

Submitted by: GOM/CAW/MSC
Supervisor : JJL

Approved by: CAW

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Client : Delfino Health & Safety, llc
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Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 20-AUG-24
Report ID : 1442535

Respirable Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
MS-R-01	L634970-18	850	<0.050	<0.059
MS-R-04	L634970-19	842	<0.050	<0.059
MS-R-07	L634970-20	821	<0.050	<0.061
MS-R-10	L634970-21	794	<0.050	<0.063
MS-R-15	L634970-22	823	0.066	0.080
MS-R-18	L634970-23	825	0.10	0.13
MS-R-21	L634970-24	788	<0.050	<0.063
MS-R-24	L634970-25	785	<0.050	<0.064
MS-R-27	L634970-26	811	<0.050	<0.062
MS-R-30	L634970-27	843	0.15	0.18
MS-R-33	L634970-28	813	<0.050	<0.062
MS-R-36	L634970-29	775	<0.050	<0.065
MS-R-39	L634970-30	811	0.058	0.072
MS-R-42	L634970-31	823	0.10	0.13
MS-R-45	L634970-32	764	<0.050	<0.065
MS-R-48	L634970-33	758	<0.050	<0.066

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

Level of Quantitation: 0.050 mg
Analytical Method : mod. NIOSH 0600; Gravimetric
Collection Media : PVC PW 37mm

Submitted by: EAP
Date : 26-AUG-24
Supervisor : HVN

Approved by: CMP

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Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 20-AUG-24
Report ID : 1442535

Respirable Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
MS-R-52	L634970-34	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 0600; Gravimetric
Collection Media : PVC PW 37mm

Submitted by: EAP
Date : 26-AUG-24
Supervisor : HVN

Approved by: CMP

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 21-AUG-24
Report ID : 1442684

Total Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
MS-R-02	L634970-1	976	<0.20	<0.20
MS-R-05	L634970-2	972	0.25	0.26
MS-R-09	L634970-3	966	<0.20	<0.21
MS-R-11	L634970-4	934	<0.20	<0.21
MS-R-14	L634970-5	964	<0.20	<0.21
MS-R-17	L634970-6	966	<0.20	<0.21
MS-R-20	L634970-7	926	<0.20	<0.22
MS-R-23	L634970-8	924	<0.20	<0.22
MS-R-26	L634970-9	493	<0.20	<0.41
MS-R-29	L634970-10	938	<0.20	<0.21
MS-R-32	L634970-11	956	<0.20	<0.21
MS-R-35	L634970-12	912	<0.20	<0.22
MS-R-38	L634970-13	944	<0.20	<0.21
MS-R-41	L634970-14	948	<0.20	<0.21
MS-R-44	L634970-15	902	<0.20	<0.22
MS-R-47	L634970-16	892	<0.20	<0.22

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

Level of Quantitation: 0.20 mg
Analytical Method : mod. NIOSH 0500; Gravimetric
Collection Media : MCE MW 37mm

Submitted by: EAP
Date : 26-AUG-24
Supervisor : HVN

Approved by: CMP

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Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970
Date Analyzed : 21-AUG-24
Report ID : 1442684

Total Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
MS-R-50	L634970-17	NA	<0.20	NA

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

Level of Quantitation: 0.20 mg
Analytical Method : mod. NIOSH 0500; Gravimetric
Collection Media : MCE MW 37mm

Submitted by: EAP
Date : 26-AUG-24
Supervisor : HVN

Approved by: CMP

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION
Date Sampled : 12-AUG-24 - 15-AUG-24
Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 20-AUG-24 - 28-AUG-24
Report ID : 1443951

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-01	L634970-18	Quartz	850	<11	<13
		Cristobalite	850	<5.0	<5.9
		Tridymite	850	<20	<24
		RCS	850	<5.0	<5.9
MS-R-04	L634970-19	Quartz	842	<10	<12
		Cristobalite	842	<5.0	<5.9
		Tridymite	842	<20	<24
		RCS	842	<5.0	<5.9
MS-R-07	L634970-20	Quartz	821	<5.0	<6.1
		Cristobalite	821	<5.0	<6.1
		Tridymite	821	<20	<24
		RCS	821	<5.0	<6.1

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB/APG
Date : 28-AUG-24
Supervisor : AFB

Approved by: CMR

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Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 20-AUG-24 - 28-AUG-24
Report ID : 1443951

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-10	L634970-21	Quartz	794	<5.0	<6.3
		Cristobalite	794	<5.0	<6.3
		Tridymite	794	<20	<25
		RCS	794	<5.0	<6.3
MS-R-15	L634970-22	Quartz	823	<13	<16
		Cristobalite	823	<5.0	<6.1
		Tridymite	823	<20	<24
		RCS	823	<5.0	<6.1
MS-R-18	L634970-23	Quartz	825	<22	<27
		Cristobalite	825	<5.0	<6.1
		Tridymite	825	<20	<24
		RCS	825	<5.0	<6.1

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB/APG
Date : 28-AUG-24
Supervisor : AFB

Approved by: CMR

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Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 20-AUG-24 - 28-AUG-24
Report ID : 1443951

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-21	L634970-24	Quartz	788	<5.0	<6.3
		Cristobalite	788	<5.0	<6.3
		Tridymite	788	<20	<25
		RCS	788	<5.0	<6.3
MS-R-24	L634970-25	Quartz	785	<5.0	<6.4
		Cristobalite	785	<5.0	<6.4
		Tridymite	785	<20	<25
		RCS	785	<5.0	<6.4
MS-R-27	L634970-26	Quartz	811	6.0	7.4
		Cristobalite	811	<5.0	<6.2
		Tridymite	811	<20	<25
		RCS	811	6.0	7.4

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB/APG
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Supervisor : AFB

Approved by: CMR

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Account No.: 39976
Login No. : L634970

Date Analyzed : 20-AUG-24 - 28-AUG-24
Report ID : 1443951

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-30	L634970-27	Quartz	843	30	35
		Cristobalite	843	<5.0	<5.9
		Tridymite	843	<20	<24
		RCS	843	30	35
MS-R-33	L634970-28	Quartz	813	<5.0	<6.2
		Cristobalite	813	<5.0	<6.2
		Tridymite	813	<20	<25
		RCS	813	<5.0	<6.2
MS-R-36	L634970-29	Quartz	775	<5.0	<6.5
		Cristobalite	775	<5.0	<6.5
		Tridymite	775	<20	<26
		RCS	775	<5.0	<6.5

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB/APG
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Supervisor : AFB

Approved by: CMR

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Date Received : 19-AUG-24

Account No.: 39976
Login No. : L634970

Date Analyzed : 20-AUG-24 - 28-AUG-24
Report ID : 1443951

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-39	L634970-30	Quartz	811	<5.0	<6.2
		Cristobalite	811	<5.0	<6.2
		Tridymite	811	<20	<25
		RCS	811	<5.0	<6.2
MS-R-42	L634970-31	Quartz	823	<15	<18
		Cristobalite	823	<5.0	<6.1
		Tridymite	823	<20	<24
		RCS	823	<5.0	<6.1
MS-R-45	L634970-32	Quartz	764	<5.0	<6.5
		Cristobalite	764	<5.0	<6.5
		Tridymite	764	<20	<26
		RCS	764	<5.0	<6.5

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB/APG
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Date Sampled : 12-AUG-24 - 15-AUG-24
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Account No.: 39976
Login No. : L634970

Date Analyzed : 20-AUG-24 - 28-AUG-24
Report ID : 1443951

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-48	L634970-33	Quartz	758	<5.0	<6.6
		Cristobalite	758	<5.0	<6.6
		Tridymite	758	<20	<26
		RCS	758	<5.0	<6.6
MS-R-52	L634970-34	Quartz	NA	<5.0	NA
		Cristobalite	NA	<5.0	NA
		Tridymite	NA	<20	NA
		RCS	NA	<5.0	NA

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB/APG
Date : 28-AUG-24
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Client Name : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION

Date Sampled : 12-AUG-24 - 15-AUG-24 Account No.: 39976
Date Received: 19-AUG-24 Login No. : L634970
Date Analyzed: 20-AUG-24 - 28-AUG-24

L634970 (Report ID: 1443121):
For applicable NYS sampling events, laboratory accreditation through NYSDOH applies only to Lead results.
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.
SOPs: MT-SOP-29(15), MT-SOP-27(22)
Reported Iron Oxide(Fe2O3) results assume that all detected Iron is present as Iron Oxide.
Reported Zinc Oxide (ZnO) results assume that all detected Zinc is present as Zinc Oxide.

L634970-5 (Report ID: 1443121):
Holes were burnt through the filter onto the back-up pad and bottom filter. Back-up pad and bottom filter were included in the digestion and analysis. Sample data may be biased low due to the holes burnt through the filter. Sample data may be biased high due to possible background on the backup pad. Due to conflicting biases, impact on the sample is unknown.
Statistical accuracy statements do not apply to samples that include back-up pad media.
Method blank contained 87 ug of Calcium and 23 ug of Zinc.
Blank spikes recovered above control limit of 129% at 156, 156, 151, and 149% for Calcium.
Blank spikes recovered above control limit of 120% at 182, 166, 144, and 133% for Zinc.
Method blank hits and blank spike failures are likely attributed to back-up pad inconsistencies.

L634970 (Report ID: 1443121):
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
Arsenic	+/-10.5%	111%
Cadmium	+/-9.7%	105%
Calcium	+/-12.7%	108%
Chromium	+/-9.6%	106%
Cobalt	+/-9.5%	106%
Copper	+/-10%	106%
Iron Oxide	+/-11.3%	107%
Lead	+/-10.4%	103%
Manganese	+/-11.1%	101%
Nickel	+/-11.6%	105%
Thallium	+/-9.4%	101%
Zinc Oxide	+/-10.6%	104%

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Client Name : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION

Date Sampled : 12-AUG-24 - 15-AUG-24 Account No.: 39976
Date Received: 19-AUG-24 Login No. : L634970
Date Analyzed: 20-AUG-24 - 28-AUG-24

Parameter	Method
Arsenic	mod. NIOSH 7303; ICP
Cadmium	mod. NIOSH 7303; ICP
Calcium	mod. NIOSH 7303; ICP
Chromium	mod. NIOSH 7303; ICP
Cobalt	mod. NIOSH 7303; ICP
Copper	mod. NIOSH 7303; ICP
Iron Oxide	mod. NIOSH 7303; ICP
Lead	mod. NIOSH 7303; ICP
Manganese	mod. NIOSH 7303; ICP
Nickel	mod. NIOSH 7303; ICP
Thallium	mod. NIOSH 7303; ICP
Zinc Oxide	mod. NIOSH 7303; ICP

L634970 (Report ID: 1442684):
SOPs: GRAV-SOP-7(24)

L634970-5 (Report ID: 1442684):
Visible particulate on support pad due to filter damage during sampling.
Reported result represents the filter only and may be biased low.

L634970 (Report ID: 1442684):
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	+/-7.1%	106%

L634970 (Report ID: 1442535):
SOPs: GRAV-SOP-6(28), GRAV-SOP-5(35)

L634970-22,33 (Report ID: 1442535):
Abnormal indentation observed on the top of the sample filter upon receipt at the laboratory.

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Client Name : Delfino Health & Safety, llc
Site : MAC SAFTEY RECON
Project No. : MINGO JUNCTION

Date Sampled : 12-AUG-24 - 15-AUG-24 Account No.: 39976
Date Received: 19-AUG-24 Login No. : L634970
Date Analyzed: 20-AUG-24 - 28-AUG-24

L634970 (Report ID: 1442535):
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
Respirable Dust	+/-7.1%	106%

L634970 (Report ID: 1443951):
The reported RCS value is based on recoveries of silica polymorphs (Quartz, Cristobalite, and/or Tridymite) greater than the reporting level. The presence of silica below the reporting level cannot be ruled out. When all polymorph results are below the reporting level, RCS defaults to the lowest polymorph concentration. The calibration standard used for Tridymite analysis is not NIST traceable; however, when Tridymite is detected above the reporting level, it is included in the RCS calculation.
SOPs: ix-calibrate(19), ix-xrdreview(23), ix-xrdashprep(50), ix-xrdstdprep(39)
We perform a quantitative secondary angle confirmation on all Quartz results greater than 0.025 mg. Secondary angle quantitative confirmation is not possible below 0.025 mg.

L634970-27 (Report ID: 1443951):
We were able to confirm Quartz qualitatively using the secondary angle.

L634970-18-19,22-23,31 (Report ID: 1443951):
Elevated Quartz reporting limit due to matrix interference.

L634970-22,33 (Report ID: 1443951):
Abnormal indentation observed on the top of the sample filter upon receipt at the laboratory.

L634970 (Report ID: 1443951):
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
Cristobalite	+/-11.3%	92.9%
Quartz	+/-13.7%	89.7%
Tridymite	+/-20.4%	95.7%

950551525001422909489 9
Date:08/19/24
Shipper:PO
Initials:OTS
Prep:UNKNOWN

L634970

57-58

CHAIN OF CUSTODY

Turn Around Time (TAT)	surcharge
☐ Standard MEL	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

Client Acct No.: 39976
Original Prep No.: PSY749181
Online COC No.: 302524

Report To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
City, State Zip: Clinton, PA 15026
Phone No.: 412-980-1904
Cell No.:
Email reports to: carol@delfinohs.com
Email EDD to:
Comments:

Invoice To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
Company Name: Clinton, PA 15026
Phone No.: 412-980-1904
Email Address: carol@delfinohs.com
Comments:
P.O. No.:
Payment info.: ☑ I will call SGS to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments: * received additional 2pc UWPVC sample, ID "MS-R-49 Blank HC sample." 8/8 8/19/24

State Sampled: Ohio ☐ MSHA

Site Name: MAC Safety Recon Project: Mingo Junction Sampled By: Carol Delfino

List description of industry or Processes/Interfaces present in sampling area: Digging Dirt

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	Internal Notes
		2pc 3/mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 3/mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 3/mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	

Sent In Already

☐ 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:	Carol DELFINO Carol Delfino	8/16/24	9:00 AM	Received By:	Olivia T. Silver Olivia T. Silver	8/19/24	1259
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No.: 302524
Prep No.: PSY749181
Account No.: 39976
Finalized: 07/30/2024 9:52:57 AM

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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	Internal Notes
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
		2pc 37mm UW PVC			Hexavalent Chromium	mod. OSHA ID-215 (version 2); IC/UV	
MJ-R-02	8/12/24	37mm MW MCE, 3pc	976 488	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					~~Respirable~~ Total Dust Ca, Arsenic ~~Calcium~~	mod. NIOSH 0600; Gravimetric	Thalium
MJ-R-05	8/12/24	37mm MW MCE, 3pc	~~48~~ 972 486	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					~~Respirable~~ Total Dust Ca, Arsenic, Thalium	mod. NIOSH 0600; Gravimetric	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	CAROL DELFINO	Carol Delfino	8/16/24	9:00AM	Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

In addition to the 9 metal Profile Please analyze for Arsenic Calcium and Thalium.

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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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	Internal Notes
MJ-R-09	8/12/24	37mm MW MCE, 3pc	966 483	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					~~Respirable~~ Total Dust Ca, Arsenic & Thalium	mod. NIOSH 0600; Gravimetric	
MJ-R-11	8/12/24	37mm MW MCE, 3pc	934 467	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					~~Respirable~~ Total Dust Arsenic, Ca, Thalium	mod. NIOSH 0600; Gravimetric	
MJ-R-14	8/13/24	37mm MW MCE, 3pc	964 482	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust Arsenic, Ca, Thalium	mod. NIOSH 0600; Gravimetric	
MJ-R-17	8/13/24	37mm MW MCE, 3pc	966 483	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust Arsenic, Ca, Thalium	mod. NIOSH 0600; Gravimetric	
MJ-R-20	8/13/24	37mm MW MCE, 3pc	926 463	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust Arsenic, Ca, Thalium	mod. NIOSH 0600; Gravimetric	
MJ-R-23	8/13/24	37mm MW MCE, 3pc	924 462	l min	9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust Arsenic, Ca, Thalium	mod. NIOSH 0600; Gravimetric	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:					Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

In addition to the 9 metal Profile Please analyze for Arsenic, Calcium & Thalium

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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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	Internal Notes
MJ-R-26	8/14/24	37mm MW MCE, 3pc	493 986	min l	9 Metal Profile Respirable Dust Calcium, Arsenic, Thallium	mod. NIOSH 7303; ICP mod. NIOSH 0600; Gravimetric	
MJ-R-29	8/14/24	37mm MW MCE, 3pc	938 469	l min	9 Metal Profile Respirable Dust Calcium, Arsenic, Thallium	mod. NIOSH 7303; ICP mod. NIOSH 0600; Gravimetric	
MJ-R-32	8/14/24	37mm MW MCE, 3pc	956 478	l min	9 Metal Profile Respirable Dust Calcium, Arsenic, Thallium	mod. NIOSH 7303; ICP mod. NIOSH 0600; Gravimetric	
MJ-R-35	8/14/24	37mm MW MCE, 3pc	912 456	l min	9 Metal Profile Respirable Dust Calcium Arsenic, Thallium	mod. NIOSH 7303; ICP mod. NIOSH 0600; Gravimetric	
MJ-R-38	8/15/24	37mm MW MCE, 3pc	944 492	l min	9 Metal Profile Respirable Dust Calcium, Arsenic, Thallium	mod. NIOSH 7303; ICP mod. NIOSH 0600; Gravimetric	
MJ-R-41	8/15/24	37mm MW MCE, 3pc	948 474	l min	9 Metal Profile Respirable Dust Calcium, Arsenic, Thallium	mod. NIOSH 7303; ICP mod. NIOSH 0600; Gravimetric	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	CAROL DELFINO	Carol Delfino	8/16/24	9:00AM	Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

In addition to the 9 metal profile
Please analyze for Arsenic Calcium & Thalium

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MS-R-44	8/15/24	37mm MW MCE, 3pc	902 451	L min	9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust Calcium, Arsenic, Thalium	mod. NIOSH 0600; Gravimetric	
MS-R-47	8/15/24	37mm MW MCE, 3pc	897 446	L min	9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust Calcium, Arsenic, Thalium	mod. NIOSH 0600; Gravimetric	
MS-R-50	8/15/24	37mm MW MCE, 3pc	Blank	—	9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust Calcium, Arsenic, Thalium	mod. NIOSH 0600; Gravimetric	
		37mm MW MCE, 3pc			9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust	mod. NIOSH 0600; Gravimetric	
		37mm MW MCE, 3pc			9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust	mod. NIOSH 0600; Gravimetric	
		37mm MW MCE, 3pc			9 Metal Profile	mod. NIOSH 7303; ICP	
					Respirable Dust	mod. NIOSH 0600; Gravimetric	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	CARA DELFINO	Carol Delfino	8/16/24	9:00 AM	Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

In addition to the 9 metal Profile Please analyze for Arsenic Calcium & Thalium

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MS-R-01	8/12/24	3pc 37mm PW PVC	850 500	l min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-04	8/12/24	3pc 37mm PW PVC	842 495	l min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-07	8/12/24	3pc 37mm PW PVC	821 483	l min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-10	8/12/24	3pc 37mm PW PVC	794 467	l min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-15	8/13/24	3pc 37mm PW PVC	823 485	l min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	CAROL DELFINO	Carol Delfino	8/16/24	9:00 AM	Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MJ-R-18	8/13/24	3pc 37mm PW PVC	825 485	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MJ-R-21	8/13/24	3pc 37mm PW PVC	788 463	L min.	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MJ-R-24	8/13/24	3pc 37mm PW PVC	785 462	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MJ-R-27	8/14/24	3pc 37mm PW PVC	~~815~~ 811 ~~486~~ 477	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MJR-30	8/14/24	3pc 37mm PW PVC	843 496	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	Carol DeLeo	Carol DeLeo	8/16/24	9:00am	Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
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Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MS-R-33	8/14/24	3pc 37mm PW PVC	813 478	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-36	8/14/24	3pc 37mm PW PVC	775 326	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-39	8/15/24	3pc 37mm PW PVC	811 477	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-42	8/15/24	3pc 37mm PW PVC	823 484	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-45	8/15/24	3pc 37mm PW PVC	764 449	L min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	Carol Delfino	Carol Delfino	8/16/24	9:00AM	Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
Prep No. :PSY749181
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Finalized :07/30/2024 9:52:57 AM

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CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MSR-48	8/15/24	3pc 37mm PW PVC	758 446	2 min	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MSR-52	8/15/24	3pc 37mm PW PVC	Blank		Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
		3pc 37mm PW PVC			Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
		3pc 37mm PW PVC			Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
		3pc 37mm PW PVC			Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

☐ 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:	CAROL DELFINO	Carol Dolfino	8/16/24	9:00 AM	Received By:	Olivia T. Silver	Olivia T. Silver	8/19/24	1259
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :302524
Prep No. :PSY749181
Account No. :39976
Finalized :07/30/2024 9:52:57 AM

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

SGS GALSON

Carol Delfino
Delfino Health & Safety, llc
339 Cottage Road
Clinton, PA 15026

September 30, 2024

Account# 39976

Login# L638272

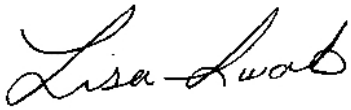
Dear Carol Delfino:

Enclosed are the analytical results for the samples received by our laboratory on September 23, 2024. 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)

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
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - 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

SGS GALSON

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272
Date Analyzed : 24-SEP-24
Report ID : 1449120

Respirable Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
MS-R-01	L638272-1	1237.5	0.16	0.13
MS-R-02	L638272-2	1177.5	<0.050	<0.042
MS-R-03	L638272-3	1137.5	<0.050	<0.044
MS-R-04	L638272-4	1285	<0.050	<0.039
MS-R-05	L638272-5	1257.5	0.16	0.12
MS-R-06	L638272-6	1272.5	<0.050	<0.039
MS-R-07	L638272-7	1152.5	<0.050	<0.043
MS-R-08	L638272-8	1150	0.061	0.053
MS-R-09	L638272-9	1230	<0.050	<0.041
MS-R-10	L638272-10	1230	0.094	0.076
MS-R-11	L638272-11	1172.5	<0.050	<0.043
MS-R-12	L638272-12	1177.5	<0.050	<0.042
MS-R-13	L638272-13	1260	0.12	0.098
MS-R-14	L638272-14	1255	<0.050	<0.040
MS-R-15	L638272-15	1140	<0.050	<0.044
MS-R-16	L638272-16	1140	<0.050	<0.044

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

Level of Quantitation: 0.050 mg
Analytical Method : mod. NIOSH 0600; Gravimetric
Collection Media : PVC PW 37mm

Submitted by: HVN
Date : 29-SEP-24
Supervisor : HVN

Approved by: CMP

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East Syracuse, NY 13057
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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272

Date Analyzed : 24-SEP-24
Report ID : 1449120

Respirable Dust

Sample ID	Lab ID	Air Vol liter	Total mg	Conc mg/m3
MS-R-17	L638272-17	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 0600; Gravimetric
Collection Media : PVC PW 37mm

Submitted by: HVN
Date : 29-SEP-24
Supervisor : HVN

Approved by: CMP

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272
Date Analyzed : 24-SEP-24 - 27-SEP-24
Report ID : 1450013

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-01	L638272-1	Quartz	1237.5	<11	<8.9
		Cristobalite	1237.5	<5.0	<4.0
		Tridymite	1237.5	<20	<16
		RCS	1237.5	<5.0	<4.0
MS-R-02	L638272-2	Quartz	1177.5	<5.0	<4.2
		Cristobalite	1177.5	<5.0	<4.2
		Tridymite	1177.5	<20	<17
		RCS	1177.5	<5.0	<4.2
MS-R-03	L638272-3	Quartz	1137.5	<5.0	<4.4
		Cristobalite	1137.5	<5.0	<4.4
		Tridymite	1137.5	<20	<18
		RCS	1137.5	<5.0	<4.4

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB
Date : 30-SEP-24
Supervisor : AFB

Approved by: CMR/NLO

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272
Date Analyzed : 24-SEP-24 - 27-SEP-24
Report ID : 1450013

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-04	L638272-4	Quartz	1285	<5.0	<3.9
		Cristobalite	1285	<5.0	<3.9
		Tridymite	1285	<20	<16
		RCS	1285	<5.0	<3.9
MS-R-05	L638272-5	Quartz	1257.5	<22	<17
		Cristobalite	1257.5	<5.0	<4.0
		Tridymite	1257.5	<20	<16
		RCS	1257.5	<5.0	<4.0
MS-R-06	L638272-6	Quartz	1272.5	<5.0	<3.9
		Cristobalite	1272.5	<5.0	<3.9
		Tridymite	1272.5	<20	<16
		RCS	1272.5	<5.0	<3.9

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB
Date : 30-SEP-24
Supervisor : AFB

Approved by: CMR/NLO

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272

Date Analyzed : 24-SEP-24 - 27-SEP-24
Report ID : 1450013

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-07	L638272-7	Quartz	1152.5	<5.0	<4.3
		Cristobalite	1152.5	<5.0	<4.3
		Tridymite	1152.5	<20	<17
		RCS	1152.5	<5.0	<4.3
MS-R-08	L638272-8	Quartz	1150	6.7	5.9
		Cristobalite	1150	<5.0	<4.3
		Tridymite	1150	<20	<17
		RCS	1150	6.7	5.9
MS-R-09	L638272-9	Quartz	1230	<7.0	<5.7
		Cristobalite	1230	<5.0	<4.1
		Tridymite	1230	<20	<16
		RCS	1230	<5.0	<4.1

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB
Date : 30-SEP-24
Supervisor : AFB

Approved by: CMR/NLO

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272
Date Analyzed : 24-SEP-24 - 27-SEP-24
Report ID : 1450013

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-10	L638272-10	Quartz	1230	<5.0	<4.1
		Cristobalite	1230	<5.0	<4.1
		Tridymite	1230	<20	<16
		RCS	1230	<5.0	<4.1
MS-R-11	L638272-11	Quartz	1172.5	<5.0	<4.3
		Cristobalite	1172.5	<5.0	<4.3
		Tridymite	1172.5	<20	<17
		RCS	1172.5	<5.0	<4.3
MS-R-12	L638272-12	Quartz	1177.5	<5.0	<4.2
		Cristobalite	1177.5	<5.0	<4.2
		Tridymite	1177.5	<20	<17
		RCS	1177.5	<5.0	<4.2

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB
Date : 30-SEP-24
Supervisor : AFB

Approved by: CMR/NLO

SGS GALSON

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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272
Date Analyzed : 24-SEP-24 - 27-SEP-24
Report ID : 1450013

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-13	L638272-13	Quartz	1260	<15	<12
		Cristobalite	1260	<5.0	<4.0
		Tridymite	1260	<20	<16
		RCS	1260	<5.0	<4.0
MS-R-14	L638272-14	Quartz	1255	<5.0	<4.0
		Cristobalite	1255	<5.0	<4.0
		Tridymite	1255	<20	<16
		RCS	1255	<5.0	<4.0
MS-R-15	L638272-15	Quartz	1140	<5.0	<4.4
		Cristobalite	1140	<5.0	<4.4
		Tridymite	1140	<20	<18
		RCS	1140	<5.0	<4.4

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB
Date : 30-SEP-24
Supervisor : AFB

Approved by: CMR/NLO

SGS GALSON

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East Syracuse, NY 13057
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LABORATORY ANALYSIS REPORT

Client : Delfino Health & Safety, llc
Site : NS
Project No. : MAC SAFETY-RECON
Date Sampled : 17-SEP-24 - 20-SEP-24
Date Received : 23-SEP-24

Account No.: 39976
Login No. : L638272
Date Analyzed : 24-SEP-24 - 27-SEP-24
Report ID : 1450013

Respirable Crystalline Silica (RCS): Quartz, Cristobalite, Tridymite

Sample ID	Lab ID	Analyte	Air Vol l	ug	ug/m3
MS-R-16	L638272-16	Quartz	1140	<5.0	<4.4
		Cristobalite	1140	<5.0	<4.4
		Tridymite	1140	<20	<18
		RCS	1140	<5.0	<4.4
MS-R-17	L638272-17	Quartz	NA	<5.0	NA
		Cristobalite	NA	<5.0	NA
		Tridymite	NA	<20	NA
		RCS	NA	<5.0	NA

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

Level of quantitation: Q:5.0ug C:5.0ug T:20.ug
Analytical Method : mod. NIOSH 7500/mod. OSHA ID-142; XRD
Collection Media : PVC PW 37mm

Submitted by: CKB
Date : 30-SEP-24
Supervisor : AFB

Approved by: CMR/NLO

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6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : Delfino Health & Safety, llc
Site :
Project No. : MAC SAFETY-RECON

Date Sampled : 17-SEP-24 - 20-SEP-24 Account No.: 39976
Date Received: 23-SEP-24 Login No. : L638272
Date Analyzed: 24-SEP-24 - 27-SEP-24

L638272 (Report ID: 1449120):
SOPs: GRAV-SOP-6(28), GRAV-SOP-5(35)

L638272 (Report ID: 1449120):
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
Respirable Dust	+/-6.3%	104%

L638272 (Report ID: 1450013):
The reported RCS value is based on recoveries of silica polymorphs (Quartz, Cristobalite, and/or Tridymite) greater than the reporting level. The presence of silica below the reporting level cannot be ruled out. When all polymorph results are below the reporting level, RCS defaults to the lowest polymorph concentration. The calibration standard used for Tridymite analysis is not NIST traceable; however, when Tridymite is detected above the reporting level, it is included in the RCS calculation.
SOPs: ix-calibrate(19), ix-xrdreview(23), ix-xrdashprep(50), ix-xrdstdprep(39)
We perform a quantitative secondary angle confirmation on all Quartz results greater than 0.025 mg. Secondary angle quantitative confirmation is not possible below 0.025 mg.

L638272-1,5,9,13 (Report ID: 1450013):
Elevated Quartz reporting limit due to matrix interference.

L638272 (Report ID: 1450013):
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
Cristobalite	+/-11.3%	92.9%
Quartz	+/-13.7%	89.7%
Tridymite	+/-20.4%	95.7%

9505515621314265316127
Date:09/23/24
Shipper:PO
Initials:OTS
Prep:UNKNOWN

L638272

CHAIN OF CUSTODY

(56)

Turnaround Time (WT)	Surcharge
☐ Standard	0%
☐ 4 Business Days	35%
☐ 3 Business Days	50%
☐ 2 Business Days	75%
☐ Next Day by 6pm	100%
☐ Next Day by Noon	150%
☐ Same Day	200%

Client Acct No.: 39976

Original Prep No.: PSY754586

Online COC No.: 305909

Report To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
City, State Zip: Clinton, PA 15026
Phone No.: 412-980-1904
Cell No.:
Email reports to: carol@delfinohs.com
Email EDD to:
Comments:

Invoice To: Carol Delfino
Company Name: Delfino Health & Safety, llc
Address 1: 339 Cottage Road
Address 2:
Company Name: Clinton, PA 15026
Phone No.: 412-980-1904
Email Address: carol@delfinohs.com
Comments:
P.O. No.:
Payment info.: ☐ I will call SGS to provide credit card info
☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled: ☐ MSHA

Site Name:

Project: Mac Safety-RECON

Sampled By:

List description of industry or Processes/Interfaces present in sampling area:

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	Internal Notes
MS-R-01	9/17/24	3pc 37mm PW PVC	1237.5 l 495 min	2.5 lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-02	9/17/24	3pc 37mm PW PVC	1,177.5 l 471 min	2.5 lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

☐ 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:	CAROL DELFINO	Carol Delfino	9/21/24	9:00	Received By:	Olivia T. Silver	Olivia T. Silver	9/23/24	1449
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :305909
Prep No. :PSY754586
Account No. :39976
Finalized :09/13/2024 10:18:35

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

CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MS-R-03	9/17/24	3pc 37mm PW PVC	1137.5l 455 min	2.5 lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-04	9/17/24	3pc 37mm PW PVC	1285.0l 514 min	2.5 lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-05	9/18/24	3pc 37mm PW PVC	1257.5l 503 min	2.5 lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-06	9/18/24	3pc 37mm PW PVC	1272.5l 509 min	2.5 lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-07	9/18/24	3pc 37mm PW PVC	1152.5l 461 min	2.5 lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

☐ 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:	CAROL DELFINO	Carol Delfino	9/21/24	9:06	Received By:	Olivia T. Silver	Olivia T. Silver	9/23/24	1449
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :305909
Prep No. :PSY754586
Account No. :39976
Finalized :09/13/2024 10:18:35

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

CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MS-R-08	9/18/24	3pc 37mm PW PVC	1150.0 l 460 min	2.5lpm	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-09	9/19/24	3pc 37mm PW PVC	1230l 492 min	2.5l	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-10	9/19/24	3pc 37mm PW PVC	1230l 492 min	2.5l	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS R-11	9/19/24	3pc 37mm PW PVC	1172.5l 469 min	2.5l	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-12	9/19/24	3pc 37mm PW PVC	1177.5l 471 min	2.5l	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

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Chain of Custody	Print Name / Signature		Date	Time		Print Name / Signature		Date	Time
Relinquished By:	CAROL DELFINO	Carol Delfino	9/21/24	9:00	Received By:	Olivia T. Silver	Olivia T. Silver	9/23/24	1449
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :305909
Prep No. :PSY754586
Account No. :39976
Finalized :09/13/2024 10:18:35

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CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in^2, cm^2, ft^2	Analysis Requested	Method Reference	Internal Notes
MS-R-13	9/20/24	3pc 37mm PW PVC	1260 l 504 min		Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS R-14	9/20/24	3pc 37mm PW PVC	1255 l 502 min		Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-15	9/20/24	3pc 37mm PW PVC	1140 l 456 min		Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-16	9/20/24	3pc 37mm PW PVC	1140 l 456 min		Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	
MS-R-17	9/20/24	3pc 37mm PW PVC	Blank	Blank	Silica, crystalline quartz, cristobalite, & tridymite (with respirable dust)	mod. NIOSH 0600/7500/mod. OSHA ID-142; Grav./XRD	

☐ 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:	CAROL DELFINO	Carol Delfino	9/21/24	9:00	Received By:	Olivia T. Silver	Olivia T. Silver	9/23/24	1449
Relinquished By:					Received By:				

Samples received after 3pm will be considered as next day's business.

Online COC No. :305909
Prep No. :PSY754586
Account No. :39976
Finalized :09/13/2024 10:18:35

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Employee Notification Letters

EMPLOYEE NOTIFICATION LETTER

Date: September 11, 2024
Employee Name: Scott Welker
Occupation: Operator
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Hexavalent chromium as reported to RECON.

Survey Date: 8/12/2024-8/15/2024.

Name	Task	Components	Total Smple Volume (L)	Date Sample ID. ug/m3			
				8/12/2024 MS-R-03	8/13/2024 MS-R-13	8/14/2024 MS-R-37	8/15/2024 MS-R-37
Scott Welker	Operator	Hexavalent Chromium	994	<0.030			
			996		<0.031		
			984			<0.030	
			888				<0.034

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

ug/m^3= micrograms per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1026 has established a Permissible Exposure Limit (PEL) for airborne Hexavalent Chromium, of 5 ug/m^3 (five micrograms per cubic meter of air) based on an eight-hour time weighted average (8-hr TWA).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Your occupational exposure to hexavalent Chromium was significantly **below** the PEL during the four days of monitoring. In fact, on each day, your exposure was below the laboratory analytical level of detection.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date: September 11, 2024
Employee Name: Gabrial Ramos JR.
Occupation: Operator
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Hexavalent chromium as reported to RECON.

Survey Date: 8/12/2024-8/15/2024.

Name	Task	Components	Total Smple Volume (L)	Date Sample ID. Ug/m^3			
				8/12/2024 MS-R-06	8/13/2024 MS-R-13	8/14/2024 MS-R-28	8/15/2024 MS-R-40
Gabrial Ramos Jr.	Operator	Hexavalent Chromium	968	<0.031			
			964		<0.031		
			980			<0.031	
			954				<0.031

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

ug/m^3= micrograms per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1026 has established a Permissible Exposure Limit (PEL) for airborne hexavalent Chromium, of 5 ug/m^3 (five micrograms per cubic meter of air) based on an eight-hour time weighted average (8-hr TWA).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Your occupational exposure to hexavalent Chromium was significantly **below** the PEL during the four days of monitoring. In fact, on each day, your exposure was below the laboratory analytical level of detection.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date: September 11, 2024
Employee Name: Kenneth Allums
Occupation: Operator
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Respirable Dust and Various Metals as reported to RECON.

Survey Date: 8/12/2024-8/15/2024.

Name	Task	Components	Date Sample ID. Total Volume (L)				Units or measurement
			8/12/2024 MS-R-02 976 L	8/13/2024 MS-R-14 964 L	8/14/2024 MS-R-26 986 L	8/15/2024 MS-R-38 944 L	
Kenneth Allums		Respirable Dust	<0.20	<0.21	<0.41	<0.21	mg/m^3
		Arsenic	<0.00031	<0.00031	<0.00061	<0.00032	
		Cadmium	<0.00015	<0.00016	<0.00030	<0.00016	
		Calcium	<0.031	<0.63	<0.061	<0.032	
		Chromium	<0.0077	<0.0078	<0.015	<0.0079	
		Cobalt	<0.00046	<0.00047	<0.00091	<0.00048	
		Copper	<0.00031	<0.00031	<0.00061	<0.00032	
		Iron Oxide	<0.0011	<0.011	<0.022	<0.011	
		Lead	<0.00038	<0.00039	<0.00076	<0.00040	
		Manganese	<0.00015	<0.00016	<0.0003	<0.00016	
		Nickel	<0.00031	<0.00031	<0.00061	<0.00032	
		Thallium	<0.0015	<0.0016	<0.0030	<0.0016	
		Zinc Oxide	<0.0048	<0.011	<0.0095	<0.0049	

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

mg/m^3= milligrams per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1000, Table Z-1 has established a Permissible Exposure Limit (PEL) for airborne Respirable particulate (as particulates not otherwise regulated, PNOR) and metals as indicated below, based on an eight-hour time weighted average (8-hr TWA).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Your occupational exposures to Respirable Dust and the various metals specified were significantly **below** the respective PELs during the four days of monitoring. In fact, on each day, your exposure was below the laboratory analytical level of detection.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date: September 11, 2024
Employee Name: Dylan Rhyme
Occupation: Site Surveyor
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Respirable Dust and Various Metals as reported to RECON.

Survey Date: 8/12/2024-8/14/2024.

Name	Task	Components	Date Sample ID. mg/m3 Total Volume (L)				Units or measurement
			8/12/2024 MS-R-05 972 L	8/13/2024 MS-R-17 966 L	8/14/2024 MS-R-29 938 L	8/15/2024 MS-R-41 948 L	
Dylan Rhyme Thomas Miles (MS-R-41)	Site Surveyor	Respirable Dust	<0.26	<0.21	<0.21	<0.21	mg/m^3
		Arsenic	<0.00031	<0.00031	<0.00032	<0.00032	
		Cadmium	<0.00015	<0.00016	<0.00016	<0.00016	
		Calcium	<0.051	<0.031	<0.032	<0.032	
		Chromium	<0.007	<0.0078	<0.0080	<0.0079	
		Cobalt	<0.00046	<0.00047	<0.00048	<0.00047	
		Copper	<0.00031	<0.00031	<0.00032	<0.00032	
		Iron Oxide	<0.018	<0.011	<0.011	<0.011	
		Lead	<0.00039	<0.00039	<0.00040	<0.00040	
		Manganese	<0.00050	<0.00016	<0.00016	<0.00016	
		Nickel	<0.031	<0.00031	<0.00032	<0.00032	
		Thallium	<0.0015	<0.0016	<0.0016	<0.0016	
		Zinc Oxide	<0.0048	<0.0048	<0.0050	<0.0049	

Note: Your exposures are from 8/12-8/14. On 8/15 Thomas Miles was monitored doing the tasks of Site Surveyor.

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

mg/m^3= milligrams per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1000, Table Z-1 has established a Permissible Exposure Limit (PEL) for airborne Respirable particulate (as particulates not otherwise regulated, PNOR) and metals as indicated below, based on an eight-hour time weighted average (8-hr TWA).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Your occupational exposures to Respirable Dust and the various metals specified were significantly **below** the respective PELs during the four days of monitoring. In fact, on each day, your exposure was below the laboratory analytical level of detection.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date: September 11, 2024
Employee Name: Thomas Miles
Occupation: Site Surveyor
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Respirable Dust and Various Metals as reported to RECON.

Survey Date: 8/15/2024.

Name	Task	Components	Date Sample ID. mg/m3 Total Volume (L)				Units or measurement
			8/12/2024 MS-R-05 972 L	8/13/2024 MS-R-17 966 L	8/14/2024 MS-R-29 938 L	8/15/2024 MS-R-41 948 L	
Dylan Rhyme Thomas Miles (MS-R-41)	Site Surveyor	Respirable Dust	<0.26	<0.21	<0.21	<0.21	mg/m^3
		Arsenic	<0.00031	<0.00031	<0.00032	<0.00032	
		Cadmium	<0.00015	<0.00016	<0.00016	<0.00016	
		Calcium	<0.051	<0.031	<0.032	<0.032	
		Chromium	<0.007	<0.0078	<0.0080	<0.0079	
		Cobalt	<0.00046	<0.00047	<0.00048	<0.00047	
		Copper	<0.00031	<0.00031	<0.00032	<0.00032	
		Iron Oxide	<0.018	<0.011	<0.011	<0.011	
		Lead	<0.00039	<0.00039	<0.00040	<0.00040	
		Manganese	<0.00050	<0.00016	<0.00016	<0.00016	
		Nickel	<0.031	<0.00031	<0.00032	<0.00032	
		Thallium	<0.0015	<0.0016	<0.0016	<0.0016	
		Zinc Oxide	<0.0048	<0.0048	<0.0050	<0.0049	

Note: On 8/15 Thomas Miles was monitored doing the tasks of Site Surveyor. On the previous days Dylan Rhymes was monitored performing the same task.

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

mg/m^3= milligrams per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1000, Table Z-1 has established a Permissible Exposure Limit (PEL) for airborne Respirable particulate (as particulates not otherwise regulated, PNOR) and metals as indicated below, based on an eight-hour time weighted average (8-hr TWA).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Your occupational exposures to Respirable Dust and the various metals specified were significantly **below** the respective PELs during the four days of monitoring. In fact, on each day, your exposure was below the laboratory analytical level of detection.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date: September 11, 2024
Employee Name: Caitlyn Little John
Occupation: Laborer
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Respirable Dust and Various Metals as reported to RECON.

Survey Date: 8/12/2024- 8/15/2024.

Name	Task	Components	Total Smple Volume (L)	8/12/2024 MS-R-01	8/13/2024 MS-R-15	8/14/2024 MS-R-27	8/15/2024 MS-R-39
Caitlyn Little John	Laborer	Respirable Silica	850	<5.9			
			823		<6.1		
			843			**7.4**	
			811				<6.2

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

mg/m^3= milligrams per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1053, has established a Permissible Exposure Limit (PEL) for airborne Respirable Crystalline Silica of fifty micrograms per meter cubic meter of air (50 ug/m^3) based on an eight-hour time weighted average (8-hr TWA) and an Action Level (AL) of twenty-five micrograms per meter cubic meter of air (25 $ug.m^3$).

OSHA under 29 CFR 1910.1053, has established a Permissible Exposure Limit (PEL) for airborne Respirable Crystalline Silica of fifty micrograms per meter cubic meter of air (50 ug/m^3) based on an eight-hour time weighted average (8-hr TWA) and an Action Level (AL) of twenty-five micrograms per meter cubic meter of air (25 $ug.m^3$).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Action Level (AL) A concentration of a substance that require regulatory or remedial action when exceeded.

Your occupational exposures to Respirable Crystalline Silica were significantly **below** the PEL the AL during the four days of monitoring. In fact, on each day, except on 8/14/2024 your exposure was below the laboratory analytical level of detection.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date: September 11, 2024
Employee Name: Bryan Cox
Occupation: Laborer
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Respirable Dust and Various Metals as reported to RECON.

Survey Date: 8/12/2024- 8/15/2024.

Name	Task	Components	Total Smple Volume (L)	8/12/2024 MS-R-04	8/13/2024 MS-R-18	8/14/2024 MS-R-30	8/15/2024 MS-R-42
Bryan Cox	Operator	Respirable Silica	842	<5.9			
			825		<6.1		
			843			**35**	
			845				<6.5

<= Below the laboratory analytical level of detection.

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

mg/m^3= milligrams per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1053, has established a Permissible Exposure Limit (PEL) for airborne Respirable Crystalline Silica of fifty micrograms per meter cubic meter of air (50 ug/m^3) based on an eight-hour time weighted average (8-hr TWA) and an Action Level (AL) of twenty-five micrograms per meter cubic meter of air (25 $ug.m^3$).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Action Level (AL) A concentration of a substance that require regulatory or remedial action when exceeded.

Your occupational exposures to Respirable Crystalline Silica were significantly **below** the PEL during the four days of monitoring except for August 14, 2024. On this day, your exposure was above the AL.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date: October 3, 2024
Employee Name: Caitlyn Little John
Occupation: Laborer-Driving a Haul Truck
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Respirable Dust and Various Metals as reported to RECON.

Survey Date: 9/17/2024- 9/20/2024.

Name	Task	Component	9/17.2024 MS-R-02 ug/m^3	9/18/2024 MS-R-06 ug/m^3	9/19/2024 MS-R-09 ug/m^3	9/20/2024 MS-R-13 ug/m^3
Caitlyn Little John	Operator-Haul Truck	Respirable Crystalline Silica	< 4.2	<3.9	< 4.1	< 4.0

<= Below the laboratory analytical level of detection.

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

mg/m^3= milligrams per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1053, has established a Permissible Exposure Limit (PEL) for airborne Respirable Crystalline Silica of fifty micrograms per meter cubic meter of air (50 ug/m^3) based on an eight-hour time weighted average (8-hr TWA) and an Action Level (AL) of twenty-five micrograms per meter cubic meter of air (25 ug.m^3).

OSHA under 29 CFR 1910.1053, has established a Permissible Exposure Limit (PEL) for airborne Respirable Crystalline Silica of fifty micrograms per meter cubic meter of air (50 ug/m^3) based on an eight-hour time weighted average (8-hr TWA) and an Action Level (AL) of twenty-five micrograms per meter cubic meter of air (25 ug.m^3).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Action Level (AL) A concentration of a substance that require regulatory or remedial action when exceeded.

Your occupational exposures to Respirable Crystalline Silica were significantly **below** the PEL the AL during the four days of monitoring. In fact, on each day, except on 8/14/2024 your exposure was below the laboratory analytical level of detection.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

EMPLOYEE NOTIFICATION LETTER

Date October 3, 2024
Employee Name: Bryan Cox
Occupation: Laborer-Walking the Property
Company: RECON

In accordance with the Occupational Safety and Health Administration (OSHA), "Access to employee exposure and medical records," Standard 29 CFR 1910.1020, you are being notified of your occupational exposure to Respirable Dust and Various Metals as reported to RECON.

Survey Date: 9/17/2024- 9/20/2024.

Name	Task	Component	9/17.2024 MS-R-01 ug/m³	9/18/2024 MS-R-05 ug/m³	9/19/2024 MS-R-10 ug/m³	9/20/2024 MS-R-14 ug/m³
Bryan Cox	Laborer-walking the property Operator-Haul Truck	Respirable Crystalline Silica	<4.0	<4.0	<4.1	<4.0

<= Below the laboratory analytical level of detection.

TWA=Time Weighted Average: the average exposure to a particular substance over an 8-hour workday or 40-hour work week. It accounts for varying levels of exposure throughout the day to provide a single value that represents the overall exposure risk.

mg/m³= milligrams per cubic meter of air.

The Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1053, has established a Permissible Exposure Limit (PEL) for airborne Respirable Crystalline Silica of fifty micrograms per meter cubic meter of air (50 ug/m^3) based on an eight-hour time weighted average (8-hr TWA) and an Action Level (AL) of twenty-five micrograms per meter cubic meter of air (25 ug.m^3).

Permissible Exposure Limit (PEL) The legal, regulatory limit on the quantity or concentration an employee can be exposed to, in the air, based on an TWA of eight hours.

Action Level (AL) A concentration of a substance that require regulatory or remedial action when exceeded.

Your occupational exposures to Respirable Crystalline Silica were significantly **below** the PEL during the four days of monitoring except for August 14, 2024. On this day, your exposure was above the AL.

Please refer to your company safety representative for further information.

I am in receipt of my occupational exposure to total particulate and metals on September 11, 2024

Employee_____ Date: _____

Supervisor Signature: _____ Date: _____

Field Data Sheets

16 million Cubic yards of Slag. 2.3 million cubic yards

Log Sheet

Job # 24012 333 Acres.

Date: 8/12/24

Client Name: MAC SAFETY-RECON
Shift: 7:00-3:30

Name	Site Location Job	Sample #	Pump #	Time On/Off
Caitlyn Littlejohn N-	Laborer	MS-R-01 P	16751511 Silica	9:12 3:32
Kenneth Allums North	operator mine area	MS-R-02 P	4177456 TD-M	7:13 3:21
Scott Welker North	OPERATOR MINE AREA	MS-R-03 P	Hex chrome	7:14 3:31
Bryan Cox	OP	MS-R-04 P	36755333 Silica	7:15 3:28
Dylan Rhyne N-	Site wide Survey	MS-R-05 P	4177516 TD-M	7:16 3:22
Gabriel Ramos Jr.	Mine Area	MS-R-06 P	4177333 Hex chrome	7:18 3:22
North East approx 100yrd from MW-103	Workers.	MS-R-07 A	4177457 Silica	7:37 3:40
		MS-R-08 A	36755511 HC	7:37 3:40
~~South~~ " " MW M-17	"	MSR-09 A	4771483 TD-M	7:37 3:40
		MS-R-10 A	4772688 Silica	7:46 3:33

Comments: Sampling being done as a precautionary method. Wind WNW 6 mph.

Weather:
Sunny Lo 55° F High 76° F Dew point 55° F

Sampling performed by: Conor Delfino

Note:

MS-R-10 A TD-M MS-R-11 A

~~7:46~~

339 Cottage Road
~~36755211~~ Clinton, PA 15026
412.980.1904

~~Hex chrom~~ ~~7:46~~

Delfino Health & Safety, LLC

Log Sheet

Job # 24012

Date: 8/12/24

Client Name: MAC SAFETY-RECON
Shift: _____

Name	Site Location Job	Sample #	Pump #	Time On/Off
~~South Area~~ Northwest NW-117	100 yds from workers	MS R-11	~~3675324~~ TD-M	7:46 / 3:33
~~South Area~~ NW - Northwest 117	100 yds from Workers	MS-R-12	3675324 Hex Chrome	7:46 / 3:33

Comments:

Weather:
See Page 1

Sampling performed by: Cesar Delfin

Delfino Health & Safety, LLC

339 Cottage Road
Clinton, PA 15026
412.980.1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/12/24
Sample No.: MS-R-01
Pump No: 1675151

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gilian	Number 1675151	Cyclone PVC filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 1.7	1 1.7	Analytical Method:
2	2	NIOSH 7500 Silica
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 #563472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitlyn Little John	—	Laborer	7:00 - 3:30

Time:	Location:	Remarks:
7:12	Safety Trailer	Pump on:
11:19	Field	Checked up - OK
3:32		pump off
		Employee worked operating a piece of machinery for the Entire shift

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
500	1.7	850 l

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	The cab is enclosed with AC and filtered air.
Safety Glasses: ✓	Manufacturer N	
Steel Toe Boots: ✓	Model: A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant Carol Delfino
Date: 8/12/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/12/24

Sample No.: MD-R-02

Pump No: 4177456

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gussella	Number	~~[illegible]~~ MCE filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 TD-M
2	2	
3	3	Calibrator No./ Date of Calibration 1/1/24 DH3563472
AVERAGE: 2.0	AVERAGE: 2.0	

Kenneth Allums

Employee Name:	Employee #:	Area/Occupation:	Shift:
~~Caitlyn Littlejohn~~	—	North ~~Laborer~~ operator mine crew	7:00-3:30

Time:	Location:	Remarks:
7:13	Safety office	Pump on:
11:19	on site	Checked pump - operating
3:21		pump.
		Employee operated a piece of machinery the entire shift.

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
488	2.0	976

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	The cab is enclosed with Filtered AC
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model: A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant Carol Delfino

Date: 8/12/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/12/24
Sample No.: MS-R-03
Pump No: _____

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gilian	Number	PVC filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 2.0	1 2.0	Analytical Method:
2	2	PID 215 Hex Chrome
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS 563472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Scott Welker	—	Operator - Mine Area	7:00-3:30

Time:	Location:	Remarks:
7:11	Safety Trailer	Pump on:
11:19	Field	Pump checked - all OK
3:31	Field	Pump off
		Employee operated a piece of machinery for the entire shift

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
497	2.0	994

Personal Protective Equipment		Respiratory Protection:	NOTES:
Hard Hat:	✓	Type	Cab was completely enclosed with filtering AC.
Safety Glasses:	✓	Manufacturer: N	
Steel Toe Boots:	✓	Model: A	
Gloves:	✓	Filter/Cartridge:	
Other		Approval No.:	

Signature of Consultant Carol Delfino
Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/12/24
Page 3 of 12

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/12/24

Sample No.: MS-R-04

Pump No: 3675333

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gussella	Number: 3675333	Cyclon PVC filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 1.7	1 1.7	Analytical Method:
2	2	NIOSH 7500 Silica
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 DNS #503472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Burton Cox	—	Operator	7:00-3:30

Time:	Location:	Remarks:
7:15	Safety office	Pump on:
11:25	Field	Pump checked - OK
3:28	Field	Pump off
		Employee operated a piece of machinery for the entire shift

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
495	1.7	842.

Personal Protective Equipment		Respiratory Protection:	NOTES:
Hard Hat:	✓	Type	Cab is completely enclosed. Filtered AC.
Safety Glasses:	✓	Manufacturer: N	
Steel Toe Boots:	✓	Model:	
Gloves:	✓	Filter/Cartridge: A	
Other		Approval No.:	

Signature of Consultant: Daniel Delfino

Date: 8/12/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/12/24
Sample No.: MS-R-05
Pump No: 4177516

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gussella	Number	MCE Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 2.0	1 2.0	Analytical Method:
2	2	NIOSH 7303 TD-M
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	4/1/24 DHS # 563472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Dylan Rhyne	—	Site work Safety	7:00-3:30

Time:	Location:	Remarks:
7:16	Safety trailer	Pump on:
11:23	Field	Pump checked - OK
3:22	Field	pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
486	2.0	972

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model: A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant Carol Delfino
Date: 8/12/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/12/24

Sample No.: MS-R-06

Pump No: 4177333

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type	Number	PVC FILTER
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 2.0	1 2.0	Analytical Method:
2	2	ID-215 Hex Chrome
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS #563472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Gabriel JR.		mine area	7:00-3:30

Time:	Location:	Remarks:
7:18	Safety office	Pump on:
11:33	Field	pump checked - ok
3:22	Field	pump off
		Employee in enclosed cab operating
		machinay on site for the entire shift

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
484	2.0	968

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant Carol Delfino

Date: 8/12/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/12/24

Sample #: MS-R-07

Pump # 4177457

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	Cyclone & PVC
Pre-calibration Date:		Analytical Laboratory: SGS
Pre (LPM)	Post (LPM)	
1 1.7	1 1.7	Analytical Method: NIOSH 7500 Silica
2	2	
3	3	Calibrator No./ Date of Calibration 1/1/24 DHS # 563472
AVERAGE: 1.7	AVERAGE: 1.7	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
North East MW-103	7:37	3:40	483	1.7	821	North East MW #103

NOTES:

Pump is sitting on a log in the area
Pump found stopped- restarted - 11:25

Signature of Consultant Cenal Delfino

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/12/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/12/24

Sample #: MS-R-08
3675511

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 3675511	PVC filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	RJ Lee SGS
1 2.0	1 2.0	Analytical Method:
2	2	ID-215 Hex Chrome
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DTIS # 563472

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
North East MW-103	7:37	3:40	483	2.0	966	

NOTES:

Pump is sitting on a log in the area
Pump found stopped @ 11:25 - restarted

Signature of Consultant Carol Delfino

Date: 8/12/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/12/24

Sample #: MS-R-09

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177483	mcc
Pre-calibration Date:		Analytical Laboratory: SGS
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 TD-M
2	2	
3	3	Calibrator No./ Date of Calibration 1/1/24 DHS # 563472
AVERAGE: 2.0	AVERAGE: 2.0	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Northeast MW-103	7:37	3:40	483	2.0	966	

NOTES:

Pump is located on a log in the area

~~11:25 - pump found stopped Restarted~~ CD

Signature of Consultant Cerise Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/12/24

Page 8 of 12

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/12/24

Sample #: MS-R-10

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 772688	PVC Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 1.7	1 1.7	Analytical Method:
2	2	NIOSH 7500 Silica
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 DHS #563472

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
~~SW-6~~ North West MW-117	7:46	3:33	467	1.7	794	

NOTES:

Located on a metal guard rail.

~~Pump~~

11:37 - Running - OK

Signature of Consultant Cesar Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/12/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/12/24

Sample #MR-S-11

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	MCE filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 2.0	1 2.0	Analytical Method:
2	2	NIOSH 7303 ID-M
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DTS #563478

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
North ~~East~~ West MW-117	7:46	333	467	2.0	934	

NOTES:

Pump located on the guard Rail

11:37 - Pump running all OK.

Signature of Consultant Conrad Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/12/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/12/24

Sample #: MD-R-12

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	PVC
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 2.0	1 2.0	Analytical Method:
2	2	ID-215 Hex Chrome
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS# 563472

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Northwest MW-117	7:46	3:33	467	2.0	934	

NOTES:

11:30 - pump running all ok

Signature of Consultant Cecil Delfino

Date: 8/12/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

140 740 SC
747

Log Sheet

Job # 24012

Date: 8/13/24

Client Name: MAC SAFETY-RECON
Shift: 7:00-3:30pm

Name	Site Location Job	Sample #	Pump #	Time On/Off
Scott Welker	Operator	MS-R-13	4177333 HC P	7:12 / 3:15
Kenneth Allums	Operator	MS-R-14	3607534 RD-M P	7:13 / 3:15
Caitlyn Littlejohn	Laborer	MS-R-15	4771457 Silica P	7:11 / 3:16
Gabrial JR	mine area	MS-R-16	4771483 HC P	7:16 / 3:18
Dylan Rhyne	site wide Safety	MS-R-17	4177516 RD-M P	7:16 / 3:19
Bryan Cox	Operator	MS R-18	3675151 Silica P	7:14 / 3:19
North East MN103		4177456 MS-R-19	HC A	7:37 / 3:20
Nort East MN103		367511 MS-R-20	RD-M A	7:37 / 3:20
North East MN103		4774150 MS-R-21	Silica A	7:37 / 3:20
Nortwest MN 117		4177658 MS-R-22	HC A	7:43 / 3.25

Comments:
Weather: Cloudy | Rain (Light)
Temp: Dew point: Wind

Sampling performed by: Cerol Delfino

Delfino Health & Safety, LLC
339 Cottage Road
Clinton, PA 15026
412.980.1904

Log Sheet

Job # 24012

Date: 8/13/24

Client Name: MAC SAFETY-RECON
Shift: 7:00 am - 3:30 pm

Name	Site Location Job	Sample #	Pump #	Time On/Off
Nort west MW 117		MS-R-23	4177456 RD-M A	7:43 / 3:25
North west MW 117		MO-R-24	3875333 Silica A	7:43 / 3:25

Comments:

Weather:

Sampling performed by: _____

Delfino Health & Safety, LLC

339 Cottage Road
Clinton, PA 15026
412.980.1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/13/24

Sample No.: MS-R-13

Pump No: 4177333

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump				Sampling Media:
Type: Gilian		Number: 4177333		PVC
Pre-calibration Date:				Analytical Laboratory:
Pre (LPM)		Post (LPM)		SGS Galson
1	2.0	1	2.0	Analytical Method:
2		2		7300-215 HC
3		3		Calibrator No./ Date of Calibration
AVERAGE:	2.0	AVERAGE:	2.0	11/1/24 DHS # 563472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Scott Welker	—	Operator	7:00-3:30pm

Time:	Location:	Remarks:
7:12	Safety Trailer	Pump on:
10:32	Field	Checked pump - OK
		Operator is in Field operating machinery for the entire.
3:15		Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
483	2.0	966

Personal Protective Equipment		Respiratory Protection:		NOTES:
Hard Hat:	✓	Type		Cab of Truck is Completely enclosed with Filtered AC
Safety Glasses:	✓	Manufacturer:		
Steel Toe Boots:	✓	Model:	N/A	
Gloves:	✓	Filter/Cartridge:		
Other		Approval No.:		

Signature of Consultant: Daniel Delfino

Date: 8/13/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/13/24
Sample No.: MR-R-14
Pump No: 3675324

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump 3675324		Sampling Media:
Type Cussella	Number	Cyclone + MCE
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS
1 2.0	1 2.0	Analytical Method:
2	2	NIOSH 7303 RD-M
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DASH 563472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Kenneth Allums	—	Operator	7:00 Am - 3:30 pm

Time:	Location:	Remarks:
7:13	Safety office	Pump on:
10:32	Field	Checked pump - OK
3:45	Field	Pump off
		Operator is in Field operating Equipment for the entire shift.

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
482	2.0	964

Personal Protective Equipment		Respiratory Protection:	NOTES:
Hard Hat:	✓	Type	Cab of equipment is completly enclosed with filtered AC
Safety Glasses:	✓	Manufacturer	
Steel Toe Boots:	✓	Model:	
Gloves:	✓	Filter/Cartridge:	A
Other		Approval No.:	

Signature of Consultant Carol Delfino
Date 8/13/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/13/24
Sample No.: MS-R-15
Pump No: 4771457

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media: PVC Filter
Type Cassella	Number 4771457	Analytical Laboratory: SGS Galson
Pre-calibration Date:		
Pre (LPM)	Post (LPM)	Analytical Method: NIOSH 7500 Silica
1 1.7	1 1.7	
2	2	Calibrator No./ Date of Calibration
3	3	1/1/24 DHS# 563477
AVERAGE: 1.7	AVERAGE: 1.7	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitlyn Littlejohn	—	Laborer	7:00Am - 3:30pm

Time:	Location:	Remarks:
7:11	Safety Office	Pump on:
10:21	Field	Check pump - OK
		operating a pick up truck all around
		the work area - Supervisor

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
485	1.7	823

Personal Protective Equipment		Respiratory Protection:	
Hard Hat:	✓	Type	N/A
Safety Glasses:	✓	Manufacturer:	
Steel Toe Boots:	✓	Model:	
Gloves:	✓	Filter/Cartridge:	
Other		Approval No.:	

NOTES: Truck cab is enclosed

Signature of Consultant [signature: Carol Delfino]

Date: 8/13/24
Page 3 of 12

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/13/24
Sample No.: MS-R-16
Pump No: 4771463

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gilian	Number: 4771463	PVC Filter + Cyclone
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.0	1 2.0	Analytical Method:
2	2	TD-215 HC
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS# 563472

Employee Name:	Employee #:	Area/Occupation:	Shift:
Gabriel Sr	—	mine Area/ Operator	7:00 am - 3:30 pm

Time:	Location:	Remarks:
7:16	Safety office	Pump on:
10:34	Field	Checked pump - OK
		Operating an enclosed cab ~~vehicle~~ machinery. Filtered AC

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
482	2.0	964

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant: Daniel Delfino

Date: 8/13/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/13/24
Sample No.: MS-R-17
Pump No: 4177516

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump			
Type: Gussella	Number: 4177516	Sampling Media: Cyclone & MCE	
Pre-calibration Date:		Analytical Laboratory: SGS Galson	
Pre (LPM)	Post (LPM)		
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RD-M	
2	2		
3	3	Calibrator No./ Date of Calibration	
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS# 563472	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Dylan Rhyne	—	Site Wide Safety	7:00AM 3:30PM

Time:	Location:	Remarks:
7:16	Safety office	Pump on:
10:32	Field	Checked pump OK
		Operating a piece of mac a dump truck in the field. For the entire shift.

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
483	2.0	966

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	Cab is fully enclosed with filtered AC
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant: Carol Delfino

Date: 8/13/24
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Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/13/24
Sample No.: MS-R-18
Pump No: 3675151

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media: Pvc filter + cyclone
Type Cassella	Number 3675151	Analytical Laboratory:
Pre-calibration Date:		SGS Galson
Pre (LPM)	Post (LPM)	Analytical Method:
1 1.7	1 1.7	NIOSH 7500 Silica
2	2	Calibrator No./ Date of Calibration
3	3	1/1/24 DHS # 563477
AVERAGE: 1.7	AVERAGE: 1.7	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Bryan Cox	—	Operator	7:00Am - 3:30pm

Time:	Location:	Remarks:
7:14	Safety office	Pump on:
10:35	Field	Checked pump - ok
		Employee operated machinery in the field for the entire shift

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
485	1.7	825

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	Cab is Fully enclosed with Filtered AC.
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant Carol Delfino

Date: 8/13/24
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Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/13/24

Sample #: MS-R-19

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media: PVC filter
Type: Cassella	Number 4177456	
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: ID-215 HC
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS# 563472

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
North East MW 103	7:37	3:25	463	2.0	926	

NOTES:

10:23 - checked pump - OK

Signature of Consultant Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/13/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/13/24

Sample #: MS-R-26

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 367511	MCE Filter & Cyclone
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.0	1 2.0	Analytical Method:
2	2	NIOSH 7303 RD-M
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DryCal # 563472

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
North East MW 103	7:37	3:20	463	2.0	926	

NOTES:

10:23 - Checked pump - OK

Signature of Consultant Carol Delfino

Date: 8/13/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/13/24

Sample #: MS-R-21

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump 4774150		Sampling Media:
Type: Cassella	Number	Cyclone + PVC Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 1.7	1 1.7	Analytical Method:
2	2	NIOSH 7500 Silica
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 DHS# 563472

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
North East MW103	7:37	3:20	463	1.7	788	

NOTES:

10:23 ~ Checked pump - OK

Signature of Consultant Carol Delfino

Date: 8/13/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/13/24

Sample #: MS-R-22

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177858	P/C
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1	Analytical Method: ~~0905~~ OD-25 HC
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE:	~~#~~ 1/1/24 DHS# 563472

Location:	Time On: (min)	Time Off: (min)	Total Time min	Flow Rate (LPM)	Total Volume: (l)	Remarks:
North West MW 17	7:43	3:25	462	2.0	924	

NOTES:

10:25 - Checked Pump - OK

Signature of Consultant Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/13/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/13/24

Sample #: MS-R-23

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	Cyclone & MCE filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RD-M
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS # 563472

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Northwest MW47	7:43	3:25	462	2.0	924	

NOTES:

10:25 – checked pump – ok

Signature of Consultant Teresa Delfino

Date: 8/13/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/13/24

Sample #: MS-R-24

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 1771658	PVC 4 cyclone
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SES Galson
1 1.7	1	Analytical Method:
2	2	NIOSH 7500 Silica
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE:	1.1.24 DHS # 563477

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Northwest MW #117	7:43	325	462	1.7	785	

NOTES:

10:25 - checked pump - ok

Signature of Consultant Cesar Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/13/24

Log Sheet

Job # 24012

Date: 8/14/24

Client Name: MAC SAFETY-RECON
Shift: 7:00 AM - 3:30 PM

Name	Site Location Job	Sample #	Pump #	Time On/Off
Scott Welker	operator mine area	MS-R-25	3675324 P HC	7:10 / 3:22
Kenneth Allums	operator mine area	MS-R-26	3675511 P RD-M	7:13 / 3:26
Caitlyn Littlejohn	laborer	MS-R-27	3675339 P Silica	7:10 / 3:07
Gabrial Ramos JR	operator mine area	MS-R-28	4177385 P HC	7:14 / 324
Dylan Rhyne	Site wide Survey	MS-R-29	4177333 P RD-M	7:15 / 3:04
Bryan Cox	operator	MS-R-30	4771268 R Silica	7:11 / 3:27
OGG CO2 Oil well	—	MS-R-31	4771450 A HC	7:31 / 329
OGG CO2 Oil well	—	MS-R-32	4177516 A RD-M	7:31 / 329
OGG CO2 oil well	—	MS-R-33	4177457 A Silica	7:31 / 3:29
East of Former MW-111	—	MS-R-34	4177483 A HC	7:50 / 3:26

Comments:

Weather:
Sunny 55° → 81° Dew point - 57° Wind - Calm

Sampling performed by: Cruel Delfino

Delfino Health & Safety, LLC

339 Cottage Road
Clinton, PA 15026
412.980.1904

Log Sheet

Job # 24012

Date: 8/14/24

Client Name: MAC SAFETY-RECON
Shift: _____

Name	Site Location Job	Sample #	Pump #	Time On/Off
East of Former MW-111	—	MJ-R-35	4177456 A-RD-M	7:50 / 3:26
East of Former MW 111	—	MJ-R-36	3675151 A-Silica	7:50 / 3:26

Comments:

Weather:

Sampling performed by: Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road
Clinton, PA 15026
412.980.1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/14/24
Sample No.: MS-R-25
Pump No: 3675324

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gilian	Number: 3675324	PVC filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.0	1 2.0	Analytical Method:
2	2	ID-215 NC
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHSH 456742

Employee Name:	Employee #:	Area/Occupation:	Shift:
Scott Welker	—	operator mine area - Compactor	7:00AM - 3:30PM

Time:	Location:	Remarks:
7:10	Safety Trailer	Pump on:
11:23	Field	checked pump - OK
3:22	Field	pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
492	2.0	984

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: √	Type	
Safety Glasses: √	Manufacturer:	
Steel Toe Boots: √	Model: N	
Gloves: √	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant: Carol Delfino

Date: 8/14/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/14/24

Sample No.: MS-R-26

Pump No: 3607511

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gussella	Number 3607511	Cyclone + MCE Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS-Galson
1 2.0	1 2.0	Analytical Method:
2	2	NIOSH ~~7500~~ 7303 RD-M
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS# 456742

Employee Name:	Employee #:	Area/Occupation:	Shift:
Kenneth Allums	—	Mine Crew Operator	7:00AM-3:30PM

Time:	Location:	Remarks:
7:13	Safety Trailer	Pump on:
11:24	Field	pumped check
3:26	Field	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
493	2.0	986

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model: A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant: Cassie Delfino

Date: 8/14/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/14/24

Sample No: M3-R-27

Pump No: 3675337

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type	Number 3675337	Cyclone & pvc filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 1.7	1 1.7	Analytical Method:
2	2	NIOSH 7500 Silica
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 DHS# 456742

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitlyn Littlejohn	—	Laborer - pick-up truck	7:00 AM - 3:30 pm

Time:	Location:	Remarks:
7:10	Safety Trailer	Pump on:
11:09	Field	Pump checked OK
3:07	Field	Pmp off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
477	1.7	811

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: √	Type	
Safety Glasses: √	Manufacturer:	
Steel Toe Boots: √	Model: N/A	
Gloves: √	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant: Carol Delfino

Date: 8/14/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/14/24

Sample No.: MS-R-28

Pump No: 4177385

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gilian	Number 4177385	PVC Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.0	1 2.0	Analytical Method:
2	2	ID 215 NC
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS # 456742

Employee Name:	Employee #:	Area/Occupation:	Shift:
Gabriel Ramos SR.		mine area - Dozer	7:00 AM - 3:30 PM

Time:	Location:	Remarks:
7:14	Safety Trailer	Pump on:
11:26	Field	Pump checked OK
3:24	Field	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
490	2.0	980

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: N	
Other	Approval No.:	

Signature of Consultant: Carol Delfino

Date: 8/14/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/14/24

Sample No.: MS-R-29

Pump No: 4177333

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gilian	Number: 4177333	Cyclone + MCE filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RD-M
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	#456742 1/1/24

Employee Name:	Employee #:	Area/Occupation:	Shift:
Dylan Rhyne	—	Surveyor - Buggy	7:00AM - 3:30PM

Time:	Location:	Remarks:
7:15		Pump on:
11:39	Field	pump checked ok
3:04	Field	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
469	2.0	938

Personal Protective Equipment		Respiratory Protection:	NOTES:
Hard Hat:	✓	Type	
Safety Glasses:	✓	Manufacturer: N	
Steel Toe Boots:	✓	Model:	
Gloves:	✓	Filter/Cartridge: A	
Other		Approval No.:	

Signature of Consultant Carol Delfino

Date: 8/14/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/14/24

Sample No.: MS-R-30

Pump No: ~~4171268~~

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gussella	Number: 4171268	PVC filter & cyclone
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1: 1.7	1: 1.7	Analytical Method: NIOSH 7500 Silica
2:	2:	
3:	3:	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	456742 1/1/24

Employee Name:	Employee #:	Area/Occupation:	Shift:
Bryan Cox	—	Laborer - drives Buggy	7:00 AM - 3:30pm

Time:	Location:	Remarks:
7:11	Safety Trailer	Pump on:
11:34	Field	Rimpeal checked. ok
3:27	Field	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
496	1.7	~~992~~ 843

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model:	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant: Cesar Delfino

Date: 8/14/24

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Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/14/24

Sample #: MD-R-31

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177450	Pvc filter
Pre-calibration Date: 8/14/24		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.0	1 2.0	Analytical Method:
2 \	2 \	~~[illegible]~~ ID-215 ~~[illegible]~~ NC
3 \	3 \	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	456742/ 1/1/24

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
OGG Cor Oil well	7:31	3:29	478	2.0	956	

NOTES:

Located on a T Bar in the area 4' off the ground
11:20 pump checked ok

Signature of Consultant [signature]
Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/14/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/14/24

Sample #: MS-R-32

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177516	cyclone & MCE filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RD-M
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	456742 1/1/24

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
OGG CO2 Oil well	7:31	3:29	478	2.0	956	

NOTES:

4' off the ground on a T Bar in the area

11:20 pump checked ok

Signature of Consultant Conrad Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/14/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/14/24

Sample #: MS-R-33

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177457	PVC filter & Cyclone
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 1.7	1 1.7	Analytical Method: NIOSH 7500 Silica
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	456742 / 11/1/24

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
OGG Coz oilwell	7:31	3:29	478	1.7	813	

NOTES:

located in the area 4' off the ground

11:20 - pump checked OK

Signature of Consultant Cenol Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/14/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/14/24

Sample #: MS-R-34

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177483	PVC Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Gulson
1 2.0	1 2.0	Analytical Method:
2	2	ID-215 HC
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS# 456742

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
East of Former MW111	7:50	3:26	456	2.0	912	

NOTES:

4' off the ground

11:28 - pump checked OK

Signature of Consultant Cenel Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/14/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/14/24

Sample #: MS-R-35

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177456	Cyclone + PVC filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RDem
2	2	
3	3	Calibrator No./ Date of Calibration 1/1/24 DHS #
AVERAGE: 2.0	AVERAGE: 2.0	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
East of Former MW-111	7:50	326	456	2.0	912	

NOTES:

4' off the ground.

11:25- pump checked ok

Signature of Consultant Cenel Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/14/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/14/24

Sample #: MS-R-35

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 3607515	1 PVC Filter a cyclone
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 1.7	1 1.7	Analytical Method: NIOSH 7500 Silica
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 DHS #

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
East of Former MW 111	7:50	326	456	1.7	775	

NOTES:

4' off the ground.

11:28 pump checked OK.

Signature of Consultant: Carol Delfino

Date: 8/14/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Log Sheet

Job # 24012

Date: 8/15/24

Client Name: MAC SAFETY-RECON
Shift: 7:00 AM - 3:30 pm

Name	Site Location Job	~~Sample #~~ Name	Pump #	Time On/Off
ms-R-37	Operator mine area	Scott Welker	4177333 HC	7:22 3:16
ms-R-38	operator mine Area	Kenneth Allums	3675511 RD-m	7:22 3:14
ms-R-39	Laborer	Caitlyn Littlejohn	3675333 Silica	7:21 3:24
ms-R-40	Operator mine Area	Gabrial Ramos	4177516 HC	7:24 3:21
ms-R-41	Site wide survey	Thomas Miles (Dylan Rhyne)	4177456 RD-m	7:31 3:25
ms-R-42	operator	Bryan Cox	3675151 Silica	7:21 3:25
ms-R-43	Area Sample	OGG CO2	HC	7:50 3:29
ms-R-44	Area Sample	OGG CO2	RD-m	7:50 3:19
ms-R-45	Area sample	OGG CO2	Silica	7:50 3:19
ms-R-46	Area Sample	East of Former MW-111	HC	7:57 3:23

Comments: maintenance for air filters in the CAT cabs is done with regular maintenance from Catapiller

Weather: Sunny Temp 57°F - 85°F Dew point 61° F Wind N 5 mph

Sampling performed by: Carol Delfino

339 Cottage Road
Clinton, PA 15026
412.980.1904

Delfino Health & Safety, LLC

Log Sheet

Job # 24012

Date: 8/15/24

Client Name: MAC SAFETY-RECON
Shift: 7:00AM - 3:30pm

Name	Site Location Job	Sample #	Pump #	Time On/Off
MS-R-47	East of former MW 111	Area Sample	RD-M	7:57 3:23
MS-R-48	East of former MW111	Area Sample	Silica	7:57 3:23

Comments:

Weather:

Sampling performed by: Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road
Clinton, PA 15026
412.980.1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: ~~[illegible]~~ 8/14/24

Sample No.: MS-R-~~[illegible]~~37

Pump No: 4177333

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media: PVC filter
Type Cassella	Number 4177333	
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1	1	Analytical Method: ~~NO600/7500/OP 142~~ 01D215 ~~[illegible]~~ HC (CD)
2 2.0	2 2.0	
3	3	Calibrator No./ Date of Calibration
AVERAGE:	AVERAGE:	1/1/24 DHS 4

Employee Name:	Employee #:	Area/Occupation:	Shift:
Scott Welker	—	Operator Mine Area	7:00-3:30pm

Time:	Location:	Remarks:
7:22	Safety office	Pump on:
11:26	Field	Checked pump OK

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
444	2.0	888

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	Enclosed Cab. Windows closed Filtered AC
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N/A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant Carol Delfino

Date: 8/15/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/15/24

Sample No.: MS-R-[illegible]38

Pump No: 3675511

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Cassella	Number 3675511	Cyclone + MCE
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1	1	Analytical Method:
2 2.0	2 2.0	NIOSH 7303 RD-M
3	3	Calibrator No./ Date of Calibration
AVERAGE:	AVERAGE:	1/1/24 DHS #

Employee Name:	Employee #:	Area/Occupation:	Shift:
Kenneth Allums	—	Operator - mine Area	7:00 - 3:30 pm

Time:	Location:	Remarks:
7:22	Safety office	Pump on:
11:26	Field	Checked pump - OK
3:14		Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
467	2.0	934

Personal Protective Equipment		Respiratory Protection:	NOTES:
Hard Hat:	√	Type	Enclosed cab. All windows closed
Safety Glasses:	√	Manufacturer: N	
Steel Toe Boots:	√	Model:	
Gloves:	√	Filter/Cartridge: A	
Other		Approval No.:	

Signature of Consultant Cassel Delfino

Date: 8/15/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/14/24
Sample No.: MS-R-~~[illegible]~~ 39
Pump No: 3675333

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Cassella	Number 3675333	
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 1.7	1 1.7	Analytical Method: DID142 N0600/7500/ Silica
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitlyn LittleJohn	—	Laborer	7:00 Am - ~~3~~:30pm

Time:	Location:	Remarks:
7:21	Safety office	Pump on:
11:21	Field	Checked pump - ok
3:24	Field	pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
477	1.7	811

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	Driving an enclosed Pick up truck windows closed
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model: A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant: Carol Delfino

Date: 8/15/24

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Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/15/24
Sample No.: MS-R-40
Pump No: 4177516

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Cassette	Number 4177516	PVC Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Laboratory
1 2.0	1 2.0	Analytical Method:
2	2	0112218 NC
3	3	Calibrator No./ Date of Calibration
AVERAGE 2.0	AVERAGE 2.0	1/1/24 DHS#

Employee Name:	Employee #:	Area/Occupation:	Shift:
Gabriel Ramos SR	—	Operator mine area	7:00AM-3:30PM

Time:	Location:	Remarks:
7:24	Safety office	Pump on:
11:28	Field	Checked pump - OK
3:21	Field	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
477	2.0	954

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	Enclosed cab. Filtered AC
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model: A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant _____

Date: 8/15/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 8/15/24

Sample No.: MS-R-410

Pump No: ~~4177516~~ 4177456

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gilian	Number: 4177516	Cyclone & MCE
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RD+M
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	456742 / 1/1/24

Employee Name:	Employee #:	Area/Occupation:	Shift:
Thomas Miles sitting in for Dylan Rhyne	—	Site wide Surveyor	7:00 AM-3:30 PM

Time:	Location:	Remarks:
7:31	Safety office	Pump on:
11:28	Field	Checked pump - OK
3:25	Field	pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
474	2.0	948

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N/A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant: Carol Delfino

Date: 8/15/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Da[illegible]eet

Client Name: MAC SAFETY-RECON

Date: 8/15/24

Sample No.: MSR-42

Pump No: 3675151

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Gilian	Number: 3675151	PVC Filter & Cyclone
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 1.7	1 1.7	Analytical Method:
2 "	2 "	NIOSH 7500 Silica
3 "	3 "	Calibrator No./ Date of Calibration
AVERAGE 1.7	AVERAGE 1.7	1/1/24 DMS# 456742

Employee Name:	Employee #:	Area/Occupation:	Shift:
Bryan Cox	—	Operator	7:00-3:30

Time:	Location:	Remarks:
7:21	Office	Pump on:
11:21	Field	Checked pump-OK
3:25	Field	pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
484	1.7	823

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant: Carol Dolfino

Date: 8/15/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/15/24

Sample #: MD-R-43

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	PVC Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	OGS Gatson
1 2.0	1 2.0	Analytical Method:
2	2	TO 215 HC
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS#

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
OGG Co2	7:50	3:19	449	2.0	898	

NOTES:

On a T Bar

11:31 checked pump OK

Signature of Consultant Carol Delfino

Date: 8/15/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/15/24

Sample #: MS-R-44

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	Cyclone & MCE Filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RD-M
2 \	2 \	
3 \	3 \	Calibrator No./ Date of Calibration
AVERAGE: 2.00	AVERAGE: 2.0	1/1/24 DHS #

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
OGS CO2	7:50	3:19	449	2.0	898	

NOTES:

11:31 checked pump - OK

Signature of Consultant Carol Delfino

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/15/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/15/24

Sample #: MS-R-45

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	Cyclone + PVC
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 1.7	1 1.7	Analytical Method: NIOSH 7500 Silica
2 \	2 \	
3 \	3 \	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 DHS #

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
OGQCO2	7:50	3.19	449	1.7	764	

NOTES:

WB1 cracked pump - OK

Signature of Consultant Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/15/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/15/24

Sample #: MS-R-46

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	PVC Filter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Laboratory
1 2.0	1 2.0	Analytical Method:
2	2	~~D~~ JD-215 HC
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.0	AVERAGE: 2.0	1/1/24 DHS #

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
East of former MW-111	7:57	3:23	446	2.0	892	

NOTES:

11:33 checked pump - OK

Signature of Consultant: Carmen Delfino

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/15/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/15/24

Sample #: MS-R-47

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	Cyclone + MCE
Pre-calibration Date:		Analytical Laboratory: SGS Gulson
Pre (LPM)	Post (LPM)	
1 2.0	1 2.0	Analytical Method: NIOSH 7303 RD-M
2	2	
3	3	Calibrator No./ Date of Calibration 1/1/24 DHS #
AVERAGE: 2.0	AVERAGE: 2.0	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
East of former MW 111	7:57	3:23	446	2.0	892	

NOTES:

11:33 checked pump - OK

Signature of Consultant Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 8/15/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 8/15/24

Sample #: MS-R-48

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number	Cyclone + PVC Filter
Pre-calibration Date:		Analytical Laboratory: SGS Gelson
Pre (LPM)	Post (LPM)	
1 1.7	1 ~~2.0~~ 1.7	Analytical Method: NIOSH 7500 Silica
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 1.7	AVERAGE: 1.7	1/1/24 DHS #

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
East of former MW 111	7:57	3:23	446	1.7	758	

NOTES:

11:33 - checked pump - ok

Signature of Consultant Carol Delfino

Date: 8/15/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Log Sheet

Job # 24012

Date: 9/17/24

Client Name: MAC SAFETY-RECON
Shift: 7:00-3:30pm

~~Name~~ Sample #		Site Location Job	~~Sample #~~ Name	Pump #	Time On/Off
MS-R-01	P	walking the grounds	~~Scott~~ Bryan ~~Weiler~~ Cox	4177516	7:15 ~~3:00~~ 3:30
MS-R-02	P	Haul truck	Caitlyn Little John	H177456	7:17 3:08
MS-R-03	A	OG well 2	Area Sample	H771483	7:58 3:33
MS-R-04	A	MW 108	Area Sample	4177240	8:02 3:37

Comments:

Weather: 59-78°F mostly cloudy Dew point 54°F Wind ENE 6 mph

Sampling performed by: Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road
Clinton, PA 15026
412.980.1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/17/24

Sample #: MS-R-03

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177483	Aluminum Cyclone 0.5u PVC filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1 2.5	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
OG Well 2	7:58	3:33	455	2.5	1137.5	

NOTES:

Pump check @ 11:05 - OK

Signature of Consultant Carol Delfino

Date: 9/17/24

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/17/2024

Sample #: MS-R-04

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 477240	Aluminum Cyclone 5um PVC filter Cassette
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1 2.5	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
	8:03	3:37	514	2.5	1285.0	

NOTES:

Signature of Consultant Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 9/17/2024

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/17/24

Sample No.: MS-R-01

Pump No: 417516

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Casella	Number 417516	Aluminum cyclone 0.5 um PVC filter
Pre-calibration Date: 9/16/2024		Analytical Laboratory:
Pre (LPM)	Post (LPM)	JGS Galson
1 2.5	1 2.5	Analytical Method:
2	2	NIOSH 7500
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	—

Employee Name:	Employee #:	Area/Occupation:	Shift:
Bryan Cox	—	Laborer Walking the grounds	7:00 AM-3:30 PM

Time:	Location:	Remarks:
7:15	Safety Trailer	Pump on:
12:53	Safety Trailer	Came in for lunch - Pump is OK
		1st half Perimeter of Consolidation stock
	1/2	In a ~~haul truck~~ excavator → Pile.
		In a haul truck.
3:30		Pump off inside hauler #4

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
495	2.5	1,237.5

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model: A	
Gloves: ✓	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant Carol Delfino

Date: 9/17/24

Page 1 of 4

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/17/2024

Sample No.: MS-R-02

Pump No: 417456

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump			
Type Gilian	Number 417456	Sampling Media: Aluminum cyclone 0.5u PVC Filter	
Pre-calibration Date:		Analytical Laboratory: SGS Galson	
Pre (LPM)	Post (LPM)		
1 2.5	1 2.5	Analytical Method: NIOSH 7500	
2	2		
3	3	Calibrator No./ Date of Calibration	
AVERAGE: 2.5	AVERAGE: 2.5		

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitly Little John	—	Laborer driving a Haul Truck	7:00 AM - 3:30 pm

Time:	Location:	Remarks:
7:17	~~Safety Trailer~~ Safety Trailer	Pump on:
		Driving a Hal truck on site.
1058	on site	checked pump. She was driving
		a hauler. Pump OK
3:08	Safet Trailer	pump off -
		all day drove haul truck

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
471	2.5	1,177.5

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	Enclosed filtered cab
Safety Glasses: ✓	Manufacturer:	windows closed.
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant _____

Date: 9/17/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Log Sheet

Job # 24012

Date: 9/18/2024

Client Name: MAC SAFETY-RECON
Shift: 7:00 AM - 3:30 PM

Name	Site Location Job	Sample #	Pump #	Time On/Off
Bryan Cox	Walking the Poop	MS-R-05 P	4177516	7:13 / 3:36
Caitly Littlejohn	Laborer - Driving Haul truck	MS-R-06 P	4177456	7:14 / 3:43
Barrow area C	—	MS-R-07 A	4177483	7:52 / 3:33
Barrow area C	—	MS-R-08 A	4177240	7:54 / 3:34

Comments:

Weather:
Temp 54°F - 72°F Sunny Dew point 61° ESS wind @ 1 mph.

Sampling performed by: Carol Delfino

Delfino Health & Safety, LLC

339 Cottage Road
Clinton, PA 15026
412.980.1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/18/24
Sample No.: MS-R05
Pump No: 4177516

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Casella	Number 4177516	Aluminum Cyclone PM filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1 2.5	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Bryan Cox	—	Walking	7:00-3:30 pm

Time:	Location:	Remarks:
7:53	Safety Trailer	Pump on:
12:02		Checked pump and it is good
		Bryan walked the site for the entire
		morning will do the same for the
		afternoon
3:36	on site	pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
~~493~~ 503 (CD)	2.5	~~1232.5~~ 1257.5 (CD)

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer:	
Steel Toe Boots: ✓	Model: N	
Gloves: ✓	Filter/Cartridge: N	
Other	Approval No.:	

Signature of Consultant Carol Delfino
Date: 9/18/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/18/24

Sample No.: MS-R-06

Pump No: _____

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gilian	Number 4177456	Aluminum Cyclone Prefilter
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.5	1 2.5	Analytical Method:
2	2	NIOSH 7500
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitlyn Little John	—	Driving the haul truck	7:00 3:30

Time:	Location:	Remarks:
7:14	Safety Trailer	Pump on:
12:05		Checked pump all is well
		will drive haul truck all day.
3:43	Haul Truck	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
509	2.5	1273.5

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	Enclosed air filtered cab
Safety Glasses: ✓	Manufacturer: N	windows closed
Steel Toe Boots: ✓	Model:	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant Carol Delfino

Date: 9/18/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/18/24

Sample #: MS-R-07

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media: Aluminum Cyclone PVC Filter
Type: Cassella	Number 4177483	
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE:	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Burrow area C	7:52	3:33	461	2.5	1152.5	

NOTES:

Checked pump 10:56 - OK

Signature of Consultant: Daniel Delfino

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 9/18/24

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/18/24

Sample #: MS-R-08

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4177245	Aluminum Cyclone Pre filter
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE:	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Burrow Area C	7:54	3:34	460	2.5	1150	

NOTES:

Checked pump 11:00am – OK

Signature of Consultant Carol Delfino

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Date: 9/18/24

Log Sheet

Job # 24012

Date: 9/18/2024

Client Name: MAC SAFETY-RECON
Shift: 7:00Am - 3:30pm

Name	Site Location Job	Sample #	Pump #	Time On/Off
Caitlyn Littlejohn	Driving the Haul Truck	MS-R-9 P	4177240	7:19 3:31
Bryan Cox	Driving the Haul Truck	MS-R-10 P	4177516	7:21 3:33
Barrow Area C	—	MS-R-11 A	4771450	7:58 3:47
Barrow Area C	—	MS-R-12 A	4771483	7:59 3:50

Comments:

Weather: Temp 61° - 80°F Sunny/cloudy Dew pt 61° Wind N 6 mph

Sampling performed by: Carol Delfino

339 Cottage Road
Clinton, PA 15026
412.980.1904

Define Health & Safety, LLC

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/19/2024
Sample No.: MS-R-09
Pump No: 4177240

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media: Aluminum cyclone 5um PVC
Type	Number 4177240	
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE:	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitlyn Little John	—	Driving a haul truck	7:00-3:30pm

Time:	Location:	Remarks:
7:19	Safety Trailer	Pump on:
12:20	Safety Trailer	Checked Pump - OK
3:31	On Site	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
492	2.5	1230

Personal Protective Equipment		Respiratory Protection:		NOTES:
Hard Hat:	✓	Type	NA	Cab of the haul truck fully enclosed with filtered air
Safety Glasses:	✓	Manufacturer:		
Steel Toe Boots:	✓	Model:		
Gloves:	✓	Filter/Cartridge:		
Other		Approval No.:		

Signature of Consultant: Carol Delfino

Date: 9/19/24

Page 1 of 4

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/19/2024

Sample No. MS-R-1D

Pump No: 477516

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gilian	Number 477516	Aluminum Cyclone 5um PVC
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	SGS Galson
1 2.5	1	Analytical Method:
2	2	NIOSH 7500
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE:	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Bryan Cox	—	Driving a haul truck	7:00-3:30pm

Time:	Location:	Remarks:
7:21	Safety Trailer	Pump on:
12:30	Safety Trailer	Checked pump - OK
3:38	On site	Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
492	2.5	1230

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: √	Type	Cab of haul truck Completly enclosed. Filtered Air.
Safety Glasses: √	Manufacturer:	
Steel Toe Boots: √	Model: N/A	
Gloves: √	Filter/Cartridge:	
Other	Approval No.:	

Signature of Consultant Cassie Delfino

Date: 9/19/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/19/2024

Sample #: MS-R-10

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 477450	Aluminum cyclone ~~5~~ 5.0 um PVC
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE:	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Borrow Area C	7:58	3:47	469	2.5	172.5	

NOTES:

Checked pump @ 1:05 - OK

Signature of Consultant: Cassel Delfino

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Date: 9/19/2024

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/19/2024

Sample #: MS-R-~~02~~ 12

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4 771483	Aluminum Cyclone Sum PVC
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE:	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Borrow area C	7:59	3:50	471	2.5	1177.5	

NOTES:

Checked pump @ 1:07 - OK

Signature of Consultant Cewel Delfino

Date: 9/19/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Log Sheet

Job # 24012

Date: 9/20/2024

Client Name: MAC SAFETY-RECON
Shift: 7:00-3:30pm

Name	Site Location Job	Sample #	Pump #	Time On/Off
P Caitlyn Little John	Diving a navi truck	MS-R-13	4171240	7:14 / 3:38
P Bryan Cox	Walking the site & Diving navi	MS-R-14	4177516	7:18 / 3:40
A Barrow C Area	"	MS-R-15	4771483	8:07 / 3:43
A Barrow C Area	"	MS-R-16	4771450	8:09 / 3:45

Comments:

Weather: Temp 57° 86° Sunny Dew pt 52 Wind N 5mph

Sampling performed by: Carol Deefens

Delfino Health & Safety, LLC

339 Cottage Road
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Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/20/24
Sample No.: MS-R-13
Pump No: 4177240

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gilian	Number 4177516	Aluminum Cyclone Sun PVC
Pre-calibration Date:		Analytical Laboratory: SGS
Pre (LPM)	Post (LPM)	
1 2.5	1 2.5	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	

Employee Name:	Employee #:	Area/Occupation:	Shift:
Caitlyn Littlejohn	—		7:00-3:30pm

Time:	Location:	Remarks:
7:14	Safety Trailer	Pump on: Driving a haul truck
12:10	Safety Trailer	Checked pump-OK
3:38		Pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
504	2.5	1260

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: √	Type	
Safety Glasses: √	Manufacturer:	
Steel Toe Boots: √	Model: N	
Gloves: √	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant: Chad Delfino
Date: 9/20/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Personal Air Monitoring Data Sheet

Client Name: MAC SAFETY-RECON

Date: 9/20/24

Sample No: MS-R-14

Pump No: 4177516

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type Gilian	Number 4177516	Aluminum Cyclone 5um PVC
Pre-calibration Date:		Analytical Laboratory:
Pre (LPM)	Post (LPM)	OGS
1 2.5	1 2.5	Analytical Method:
2	2	NIOSH 7500
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	—

Employee Name:	Employee #:	Area/Occupation:	Shift:
Bryan Cox	—		7:00 AM - 3:30 PM

Time:	Location:	Remarks:
7:18		Pump on:
		Walking the property in the AM
		Driving a haul truck in the PM
12:15	Safety Trailer	Pump checked -OS
3:40	on site	pump off

Total Time (min)	Average Sampling Rate (LPM)	Total Sample Volume (L)
502	2.5	1255

Personal Protective Equipment	Respiratory Protection:	NOTES:
Hard Hat: ✓	Type	
Safety Glasses: ✓	Manufacturer: N	
Steel Toe Boots: ✓	Model:	
Gloves: ✓	Filter/Cartridge: A	
Other	Approval No.:	

Signature of Consultant Cecil Delfino

Date: 9/20/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/20/24

Sample #: MS-R-16

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 477,450	Aluminum Cyclone Sun pre
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1 2.5	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Barrow area c	8:07	3:43	456	2.5	1140	

NOTES:

Signature of Consultant Cindi Delfino

Date: 9/20/24

Delfino Health & Safety, LLC
339 Cottage Road, Clinton, PA (412) 980-1904

Area Monitoring Data Sheet

Client Name: MAC Safety- RECON

Date: 9/20/24

Sample #: MD-R-16

CALIBRATION, ANALYTICAL INFORMATION:

Sampling Pump		Sampling Media:
Type: Cassella	Number 4771483	Aluminum Cyclone 5 µm PVC
Pre-calibration Date:		Analytical Laboratory: SGS Galson
Pre (LPM)	Post (LPM)	
1 2.5	1 2.5	Analytical Method: NIOSH 7500
2	2	
3	3	Calibrator No./ Date of Calibration
AVERAGE: 2.5	AVERAGE: 2.5	

Location:	Time On: (min)	Time Off: (min)	Total Time	Flow Rate (LPM)	Total Volume: (l)	Remarks:
Barrow Area C	8:09	3:45	456	2.5	1140	

NOTES:

Signature of Consultant_____

Delfino Health & Safety, LLC

339 Cottage Road, Clinton, PA (412) 980-1904

Date: 9/20/24