



April 1, 2024

Project No. GL20409062.000

Gerald F. Wick, P.G.

Texas Commission on Environmental Quality
Industrial & Hazardous Waste Permits Section
Waste Permits Division
MQ-130
12100 Park 35 Circle
Austin, Texas 78753

**RE: AIR MONITORING RESULTS – MARCH 12, 2024/MARCH 20, 2024
AFFECTED PROPERTY 5 EXCAVATION
FRISCO COMMUNITY DEVELOPMENT CORPORATION, 7471 OLD FIFTH ST, FRISCO, TEXAS
TCEQ SWR NO. 30516, CN600129779, RN100218643
TCEQ HAZARDOUS WASTE PERMIT NO. 50206**

DEAR MR. WICK:

WSP USA Inc. (WSP) on behalf of the Frisco Community Development Corporation (FCDC) has prepared this Summary of air monitoring results from March 12th to March 20th, 2024, for the Affected Property 5 Soil Excavation performed for the Frisco Community Development Site (FCDS) located at 7471 Old Fifth St, Frisco, Texas (Site).

Dust suppression measures were implemented during soil excavation activities. Air quality was monitored during all potential dust generating activities as specified by the Air Monitoring Plan utilizing E-Samplers. Air monitoring included upwind (direction from which wind is blowing) and downwind (direction wind is blowing) real-time measurements of wind speed, wind direction and particulate matter at the perimeter of the FOP/RCA soil management area. Dust generating activities were conducted on March 13th, March 19th and 20th during this period. In addition to the real-time air monitoring, air samples were collected for laboratory analysis on March 19th and 20th of both lead and cadmium as described in the Air Monitoring Plan using high volume (10 liters per minute [L/min]) particulate matter air samplers.

Review of air monitoring results, indicate that no real-time particulate concentrations or laboratory analytical results exceeded Take Action or Stop Work Levels, respectively. **Table 1** provides a summary of laboratory analytical air monitoring data collected during this reporting period. Real-time air monitoring Daily Summary Reports are included as **Attachment A**. A laboratory analytical report and Data Usability Summary (DUS) are included as **Attachment B**.

Please do not hesitate to call should you have any questions regarding this summary report.

Sincerely,

WSP USA, Inc.



Catherine Mear, GIT
Environmental Scientist, Consultant



Timothy P. Jennings, PG (TX)
Assistant Vice President, Geologist

CC: TCEQ Austin – 1 electronic copy
TCEQ Region 4 – 1 electronic copy
Wes Pierson – Frisco City Manager (City of Frisco) – 1 electronic copy
Mack Borchardt – Special Assistant to the City Manager – City of Frisco – 1 electronic copy
Jason Brodigan – Director of Engineering Services (City of Frisco) – 1 electronic copy
Brad Weaver – City of Frisco – 1 electronic copy

TABLE



TABLE 1
SUMMARY OF AIR MONITORING LABORATORY ANALYTICAL RESULTS
March 12, 2024 - March 20, 2024

Frisco CDC Site
Frisco, Texas
IHW Permit No. 50206

Sample ID ¹	Date	Cadmium ²	Lead ²
		mg/m ³	
FOPR240319UW827	3/19/2024	<0.0000045	<0.000030
FOPR240319DW659		<0.0000046	<0.000031
FOPR240319DW915		<0.0000045	<0.000030
FOPR240319DW917		<0.0000045	<0.000030
FOPR240319DW916		<0.0000046	<0.000031
FOPR240320DW827	3/20/2024	<0.0000041	<0.000027
FOPR240320DW659		<0.0000042	<0.000028
FOPR240320UW915		<0.0000042	<0.000028
FOPR240320DW917		<0.0000042	<0.000028
FOPR240320DW916		<0.0000042	0.000028 J
Stop Work Level - 60 minute average ³		0.0001	0.00107

Notes:

¹Samples collected by Remediation Services, Inc. and analyzed by ALS Environmental in Salt Lake City, Utah.

²Cadmium and lead analyzed via NIOSH Method 7300 Mod., MCE.

³Particulate matter take action and stop work levels for cadmium and lead as detailed in the Former Operating Plant Air Monitoring Plan, April 2023, prepared by WSP USA, Inc.

J - The reported value is an estimate.

Bold analytical results indicate sample detections.

Analytical results reported in milligrams per cubic meter (mg/m³).

ATTACHMENT A
Air Monitoring Summary Reports

Daily Summary Report Table (30-Min Average Values)

Real-Time Perimeter Particulate (PM-10) Monitoring Data

Frisco CDC Site - Frisco, TX

3/13/2024



Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						178	11.1
06:30-06:59						175	11.9
07:00-07:29						174	10.6
07:30-07:59						171	10.4
08:00-08:29						178	12.1
08:30-08:59						178	12.5
09:00-09:29						179	12.8
09:30-09:59						174	13.3
10:00-10:29						181	14.3
10:30-10:59		0.001			0.000	180	14.3
11:00-11:29	0.003	0.003		0.005	0.005	182	14.8
11:30-11:59	0.006	0.005		0.011	0.007	183	14.8
12:00-12:29	0.006	0.006		0.007	0.007	177	12.6
12:30-12:59	0.006	0.007		0.006	0.008	171	12.6
13:00-13:29	0.006	0.006		0.007	0.007	170	12.1
13:30-13:59	0.006	0.006		0.008	0.006	186	12.6
14:00-14:29	0.006	0.006		0.006	0.006	190	12.6
14:30-14:59	0.006	0.005		0.005	0.005	189	13.1
15:00-15:29	0.005	0.005		0.007	0.006	172	13.4
15:30-15:59	0.005	0.004		0.008	0.005	176	12.7
16:00-16:29	0.004	0.004		0.004	0.005	182	13.5
16:30-16:59	0.004	0.004		0.003	0.007	166	11.7
17:00-17:29						161	12.7
17:30-17:59						177	11.9
18:00-18:29						169	11.7
18:30-18:59						171	12.3
Daily Average	0.005	0.005	0.000	0.006	0.006	172	12.6

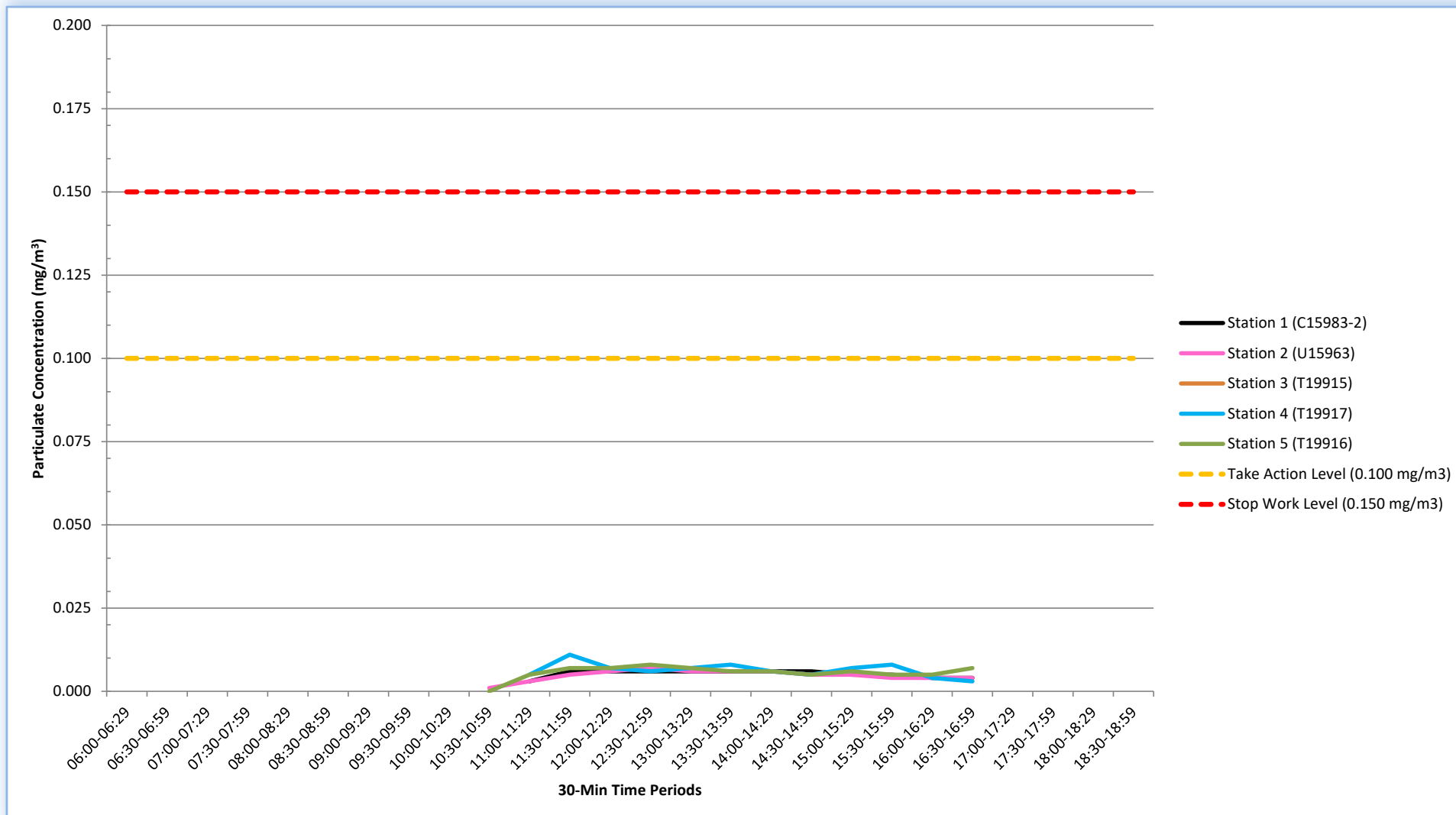
Notes:

- Blank data records indicate no data is available for that interval
- Average Wind Direction calculated with unit vector averaging method

Daily Summary Report Graph
(30-Min Average Values)
Real-Time Perimeter Particulate (PM-10) Monitoring Data
Frisco CDC Site - Frisco, TX



3/13/2024



Daily Summary Report Table (30-Min Average Values)

Real-Time Perimeter Particulate (PM-10) Monitoring Data

Frisco CDC Site - Frisco, TX

3/19/2024



Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						109	2.8
06:30-06:59						115	1.9
07:00-07:29	0.002	0.002	0.002	0.007	0.003	124	2.4
07:30-07:59	0.003	0.003	0.003	0.010	0.003	133	2.5
08:00-08:29	0.003	0.004	0.004	0.002	0.002	153	3.3
08:30-08:59	0.003	0.003	0.003	0.000	0.004	164	3.6
09:00-09:29	0.003	0.003	0.003	0.002	0.002	165	4.5
09:30-09:59	0.003	0.003	0.003	0.000	0.003	183	4.5
10:00-10:29	0.003	0.003	0.003	0.002	0.004	183	5.8
10:30-10:59	0.003	0.002	0.003	0.000	0.004	196	6.8
11:00-11:29	0.003	0.003	0.003	0.001	0.005	217	6.7
11:30-11:59	0.004	0.004	0.004	0.002	0.003	213	5.9
12:00-12:29	0.003	0.004	0.003	0.003	0.006	208	7.0
12:30-12:59	0.003	0.003	0.004	0.003	0.005	205	5.5
13:00-13:29	0.003	0.003	0.004	0.002	0.003	213	4.3
13:30-13:59	0.003	0.003	0.004	0.001	0.002	211	4.7
14:00-14:29	0.003	0.003	0.003	0.004	0.002	217	5.2
14:30-14:59	0.003	0.002	0.003	0.005	0.002	191	6.1
15:00-15:29	0.002	0.002	0.002	0.003	0.002	193	7.2
15:30-15:59	0.002	0.002	0.002	0.002	0.000	192	7.3
16:00-16:29	0.003	0.003	0.003	0.002	0.002	193	7.1
16:30-16:59			0.003			197	8.7
17:00-17:29						195	8.3
17:30-17:59						193	8.5
18:00-18:29						194	8.1
18:30-18:59						194	8.9
Daily Average	0.003	0.003	0.003	0.003	0.003	182	5.7

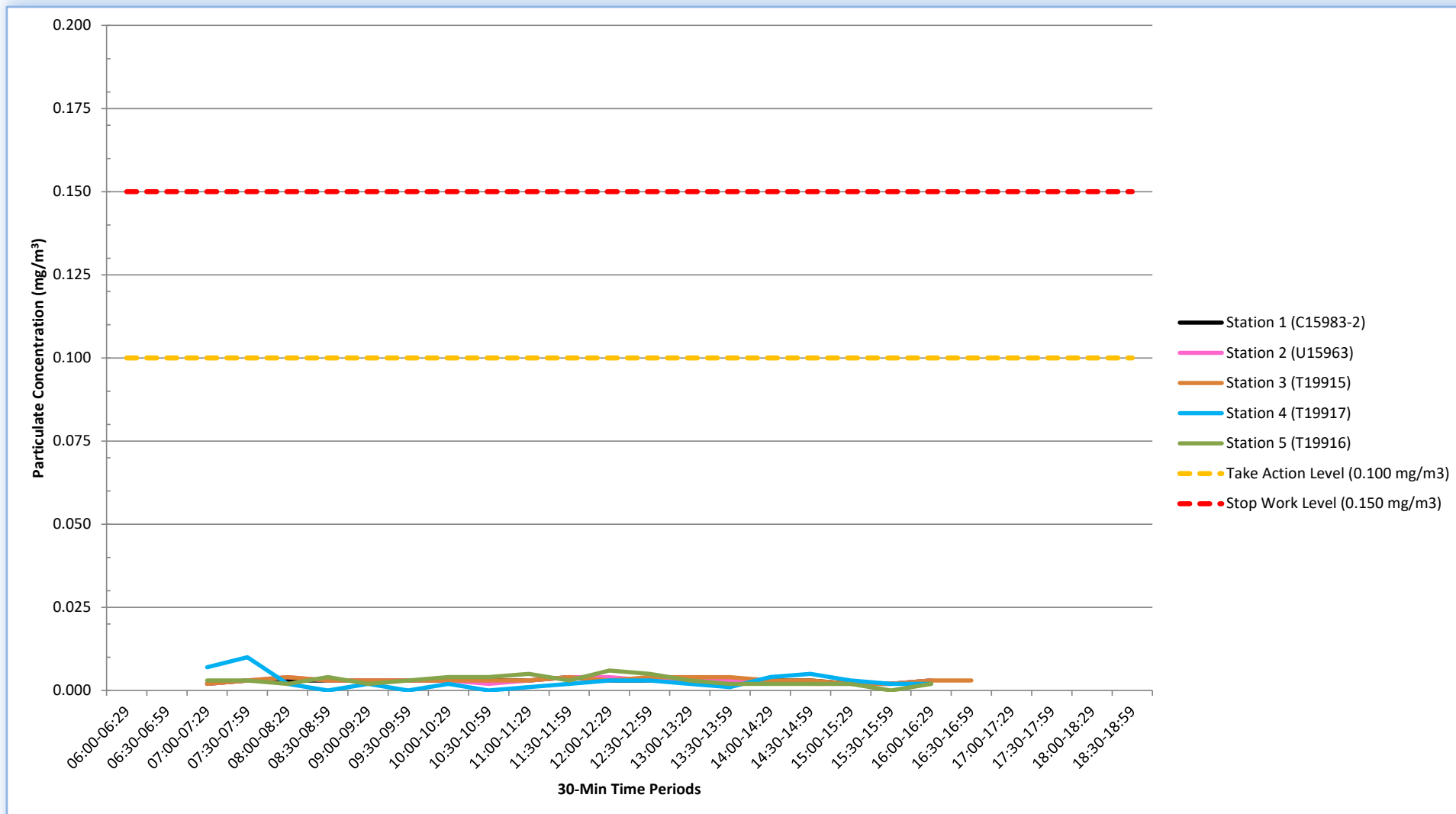
Notes:

- Blank data records indicate no data is available for that interval
- Average Wind Direction calculated with unit vector averaging method

Daily Summary Report Graph
(30-Min Average Values)
Real-Time Perimeter Particulate (PM-10) Monitoring Data
Frisco CDC Site - Frisco, TX



3/19/2024



Daily Summary Report Table (30-Min Average Values)

Real-Time Perimeter Particulate (PM-10) Monitoring Data

Frisco CDC Site - Frisco, TX

3/20/2024



Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						202	3.4
06:30-06:59	0.002	0.001	0.002		0.000	193	4.0
07:00-07:29	0.002	0.003	0.003		0.003	190	3.9
07:30-07:59	0.002	0.003	0.003		0.003	192	4.1
08:00-08:29	0.003	0.003	0.003	0.001	0.002	197	4.6
08:30-08:59	0.003	0.004	0.003	0.001	0.003	199	5.2
09:00-09:29	0.003	0.003	0.003	0.003	0.003	194	4.9
09:30-09:59	0.003	0.003	0.003	0.003	0.002	201	4.0
10:00-10:29	0.003	0.003	0.004	0.003	0.002	204	4.1
10:30-10:59	0.004	0.004	0.004	0.002	0.003	191	5.3
11:00-11:29	0.004	0.004	0.004	0.001	0.003	194	6.5
11:30-11:59	0.004	0.004	0.004	0.001	0.002	198	5.2
12:00-12:29	0.004	0.004	0.004	0.005	0.003	192	5.8
12:30-12:59	0.003	0.004	0.004	0.007	0.001	190	6.5
13:00-13:29	0.003	0.003	0.003	0.003	0.001	205	5.7
13:30-13:59	0.003	0.002	0.003	0.004	0.004	191	7.1
14:00-14:29	0.003	0.002	0.003	0.003	0.003	178	8.7
14:30-14:59	0.003	0.003	0.003	0.003	0.003	194	6.3
15:00-15:29	0.002	0.002	0.002	0.003	0.003	189	7.7
15:30-15:59	0.002	0.002	0.002	0.003	0.001	199	8.0
16:00-16:29	0.002	0.002	0.002	0.002	0.002	188	8.2
16:30-16:59	0.002	0.002	0.002	0.002	0.002	191	7.3
17:00-17:29			0.003		0.003	189	6.6
17:30-17:59						172	7.4
18:00-18:29						181	8.9
18:30-18:59						173	8.2
Daily Average	0.003	0.003	0.003	0.003	0.002	185	6.1

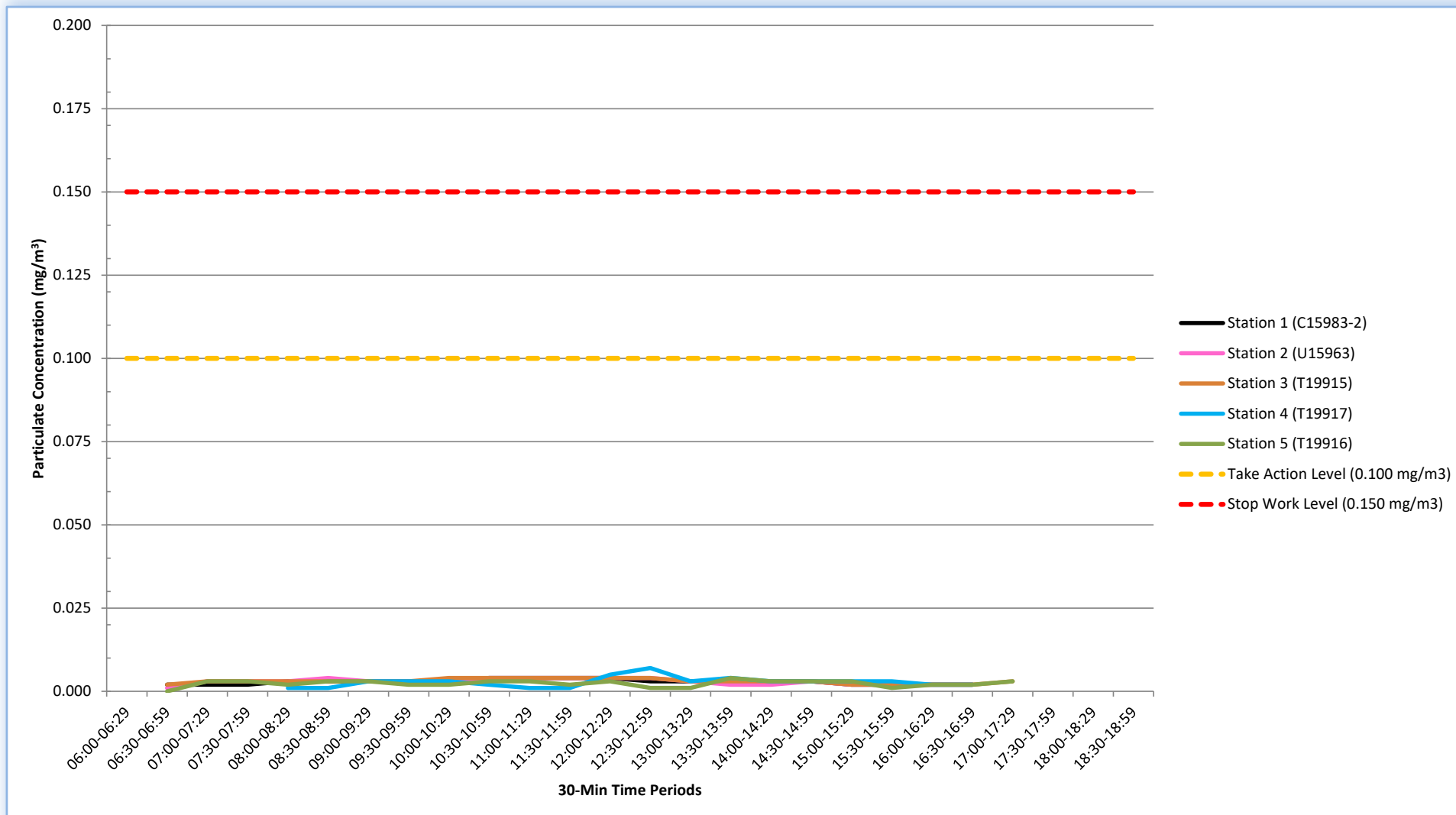
Notes:

- Blank data records indicate no data is available for that interval
- Average Wind Direction calculated with unit vector averaging method

Daily Summary Report Graph
(30-Min Average Values)
Real-Time Perimeter Particulate (PM-10) Monitoring Data
Frisco CDC Site - Frisco, TX



3/20/2024



ATTACHMENT B

Air Monitoring Laboratory Analytical Reports and Data Usability Summary

Data Usability Summary

To: Catherine Mear Date: March 26, 2024
From: William Stursberg File: Frisco 2024-03 Air Monitoring DUS.docx
RE: Review of March Air Monitoring Data CC:

WSP USA Inc (WSP) reviewed two laboratory report from ALS Environmental (Salt Lake City, Utah) providing the analytical results for air monitoring samples collected March 19 and 20, 2024 from the Frisco Community Development Site. Quality control (QC) data were reviewed as described in RG-366/TRRP-13 (Review and Reporting of COC Concentration Data under TRRP, May 2010). The results of the review are discussed in this memorandum. Data were collected to evaluate the potential off-site exposure during remediation activities to chemicals of concern (COC).

Samples were analyzed for cadmium and lead using the analytical method listed below.

- NIOSH 7300 Mod., MCE – Elements by ICP

TCEQ does not offer accreditation for National Institute of Occupational Safety and Health (NIOSH) analytical methods. ALS is accredited by the American Industrial Hygiene Association (AIHA) for the analysis of elements by inductively coupled plasma (ICP) (Certificate 101574). Table 1 lists the sample identifications cross-referenced to laboratory identifications and the analyses performed for each sample. No data are qualified due to exceedances of QC criteria.

QUALITY CONTROL RESULTS

Field and laboratory blank concentrations and laboratory control sample precision and accuracy results were evaluated from data presented in the QC section of the laboratory report.

PRESERVATION AND HOLDING TIMES

There are no preservation or holding time requirements for NIOSH 7300.

CALIBRATIONS

No calibration data were provided in the laboratory report.

BLANKS

No analytes were detected in field or laboratory blanks.

LABORATORY CONTROL SAMPLES

Laboratory control samples (LCS) and laboratory control sample duplicate (LCSD) (if analyzed) recoveries were within the laboratory acceptance criteria of 89.8 to 111 percent recovery (%R) for cadmium and 92.5 to 112.9 %R for lead. LCS/LCSD precision (as relative percent difference [RPD]) was less than the laboratory acceptance criteria of 15 RPD.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Matrix spike/matrix spike duplicate (MS/MSD) analyses are not applicable to the method.

FIELD PRECISION

Field duplicate (as co-located) samples were not collected.

SUMMARY

Data are usable for determining concentrations of cadmium and lead in air samples. No data were qualified by the reviewer. Note that the laboratory uses “()” to denote concentrations between the limit of detection (sample detection limit) and the limit of quantitation (method quantitation limit). This data should be considered as estimated (J).

Table 1 Cross-Reference Field Sample Identifications and Laboratory Identifications

Field Identification	Laboratory Identification	Cadmium / Lead	Comment
FOPR240319UW827	2408047001	X	
FOPR240319DW659	2408047002	X	
FOPR240319DW915	2408047003	X	
FOPR240319DW917	2408047004	X	
FOPR240319DW916	2408047005	X	
FOPR240319FB	2408047006	X	Field Blank
FOPR240320DW827	2408148001	X	
FOPR240320DW659	2408148002	X	
FOPR240320UW915	2408148003	X	
FOPR240320DW917	2408148004	X	
FOPR240320DW916	2408148005	X	



ANALYTICAL REPORT

Report Date: March 21, 2024

Grant Sherwood
Remediation Services, Inc.
P.O. Box 587
2735 South 10th Street
Independence, KS 67301

Phone: (620) 331-1200
Fax: (620) 331-6216
E-mail: gsherwood@rsi-ks.com

Workorder: **34-2408047**

Client Project ID: Frisco Development Corporation
Purchase Order: 22071 / 22382
Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240319UW827		Collected: 03/19/2024		
Lab ID: 2408047001		Received: 03/20/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 4968 L		Prepared: 03/20/2024 (315875)		
		Analyzed: 03/21/2024 (315945)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000045	0.023	0.075
Lead	<0.15	<0.000030	0.15	0.50

Sample ID: FOPR240319DW659		Collected: 03/19/2024		
Lab ID: 2408047002		Received: 03/20/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 4872 L		Prepared: 03/20/2024 (315875)		
		Analyzed: 03/21/2024 (315945)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000046	0.023	0.075
Lead	<0.15	<0.000031	0.15	0.50

Sample ID: FOPR240319DW915		Collected: 03/19/2024		
Lab ID: 2408047003		Received: 03/20/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5029 L		Prepared: 03/20/2024 (315875)		
		Analyzed: 03/21/2024 (315945)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000045	0.023	0.075
Lead	<0.15	<0.000030	0.15	0.50



ANALYTICAL REPORT

Workorder: **34-2408047**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240319DW917		Collected: 03/19/2024		
Lab ID: 2408047004		Received: 03/20/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5015 L		Prepared: 03/20/2024 (315875)		
		Analyzed: 03/21/2024 (315945)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000045	0.023	0.075
Lead	<0.15	<0.000030	0.15	0.50

Sample ID: FOPR240319DW916		Collected: 03/19/2024		
Lab ID: 2408047005		Received: 03/20/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 4872 L		Prepared: 03/20/2024 (315875)		
		Analyzed: 03/21/2024 (315945)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000046	0.023	0.075
Lead	<0.15	<0.000031	0.15	0.50

Sample ID: FOPR240319FB		Collected: 03/19/2024		
Lab ID: 2408047006		Received: 03/20/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 0 L		Prepared: 03/20/2024 (315875)		
		Analyzed: 03/21/2024 (315945)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	NA	0.023	0.075
Lead	<0.15	NA	0.15	0.50

Comments

Quality Control: - (Batch: 315875)

LMB 851739 appeared to have nickel and zinc contamination. LMB 851739 was above the reporting limit for nickel and zinc. The samples were contaminated during preparation. The contamination appears to have come from a couple of ghost wipe samples, which were really high in nickel that had an unprecedented amount and rate of reaction, when the acid was added to them. While the prep technician had cleaned the spill from this reaction, it apparently wasn't sufficient, because there was still cross contamination. NC/CAR 2,583 was initiated due to this occurrence.

Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (315945)	/S/ Ethan Hamilton 03/21/2024 15:24	/S/ Penny A. Foote 03/21/2024 16:55



ANALYTICAL REPORT

Workorder: **34-2408047**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

Laboratory Contact Information

ALS Environmental
960 W Levoy Drive
Salt Lake City, Utah 84123

Phone: (801) 266-7700
Email: alslt.lab@ALSGlobal.com
Web: www.alsglobal.com/slt

General Lab Comments

The results provided in this report relate only to the items tested.

Samples were received in acceptable condition unless otherwise noted.

The following was provided by the client: Sample ID, Collection Date, Sampling Location, Media Type, Sampling Parameter. Collection Date, Media Type, and Sampling Parameter can potentially affect the validity of the results.

Samples have not been blank corrected unless otherwise noted.

This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP)	101574	http://www.aihaaccreditedlabs.org
	DOECAP-AP	L24-29	http://www.pjlabs.com
	Washington	C596	https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation

Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.

LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.

ND = Not Detected, Testing result not detected above the LOD or LOQ.

NA = Not Applicable.

** No result could be reported, see sample comments for details.

< Means this testing result is less than the numerical value.

() This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.



ANALYTICAL REPORT

Report Date: March 25, 2024

Grant Sherwood
Remediation Services, Inc.
P.O. Box 587
2735 South 10th Street
Independence, KS 67301

Phone: (620) 331-1200
Fax: (620) 331-6216
E-mail: gsherwood@rsi-ks.com

Workorder: **34-2408148**

Client Project ID: Frisco Development Corporation
Purchase Order: 22071 / 22382
Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240304UW827		Collected: 03/20/2024		
Lab ID: 2408148001		Received: 03/21/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5515 L		Prepared: 03/22/2024 (315968)		
		Analyzed: 03/25/2024 (316033)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0041	0.023	0.075
Lead	<0.15	<0.027	0.15	0.50

Sample ID: FOPR240304DW659		Collected: 03/20/2024		
Lab ID: 2408148002		Received: 03/21/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5374 L		Prepared: 03/22/2024 (315968)		
		Analyzed: 03/25/2024 (316033)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0042	0.023	0.075
Lead	<0.15	<0.028	0.15	0.50

Sample ID: FOPR240304DW915		Collected: 03/20/2024	
Lab ID: 2408148003		Received: 03/21/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP14	
Sampling Parameter: Air Volume 5410 L		Prepared: 03/22/2024 (315968)	
		Analyzed: 03/25/2024 (316033)	
</			



ANALYTICAL REPORT

Workorder: **34-2408148**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240304DW917		Collected: 03/20/2024		
Lab ID: 2408148004		Received: 03/21/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5380 L		Prepared: 03/22/2024 (315968)		
		Analyzed: 03/25/2024 (316033)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0042	0.023	0.075
Lead	<0.15	<0.028	0.15	0.50

Sample ID: FOPR240304DW916		Collected: 03/20/2024		
Lab ID: 2408148005		Received: 03/21/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5376 L		Prepared: 03/22/2024 (315968)		
		Analyzed: 03/25/2024 (316033)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0042	0.023	0.075
Lead	(0.15)	(0.028)	0.15	0.50

Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (316033)	/S/ Joanna C. Sanchez 03/25/2024 13:15	/S/ Kristie F. Bitner 03/25/2024 15:35

Laboratory Contact Information

ALS Environmental
960 W Levoy Drive
Salt Lake City, Utah 84123

Phone: (801) 266-7700
Email: als@altlab.com
Web: www.alsglobal.com/slt



ANALYTICAL REPORT

Workorder: **34-2408148**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

General Lab Comments

The results provided in this report relate only to the items tested.

Samples were received in acceptable condition unless otherwise noted.

The following was provided by the client: Sample ID, Collection Date, Sampling Location, Media Type, Sampling Parameter. Collection Date, Media Type, and Sampling Parameter can potentially affect the validity of the results.

Samples have not been blank corrected unless otherwise noted.

This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP)	101574	http://www.aihaaccreditedlabs.org
	DOECAP-AP	L24-29	http://www.pjllabs.com
	Washington	C596	https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation

Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.

LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.

ND = Not Detected, Testing result not detected above the LOD or LOQ.

NA = Not Applicable.

** No result could be reported, see sample comments for details.

< Means this testing result is less than the numerical value.

() This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.