



March 11, 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 – FEBRUARY 20, 2024/MARCH 1, 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 February 20th to March 1st, 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 February 20, 27, 28 and 29th and March 1st during this period. In addition to the real-time air monitoring, air samples were collected for laboratory analysis 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**. Laboratory analytical reports with Data Usability Summaries (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 – Interim 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
February 20, 2024 - March 1, 2024

Frisco CDC Site
Frisco, Texas
IHW Permit No. 50206

Sample ID ¹	Date	Cadmium ²	Lead ²
		mg/m ³	
FOPR240212DW983	2/27/2024	<0.0000038	<0.000025
FOPR240212DW485		<0.0000037	<0.000025
FOPR240212UW915		<0.0000040	<0.000027
FOPR240212DW917		<0.0000040	<0.000026
FOPR240212DW916		<0.0000039	<0.000026
FOPR240228UW827	2/28/2024	<0.0000039	<0.000026
FOPR240228DW659		<0.0000038	<0.000026
FOPR240228DW915		<0.0000036	<0.000024
FOPR240228DW917		<0.0000036	<0.000024
FOPR240228DW916		<0.0000039	<0.000026
FOPR240301DW827	3/1/2024	<0.0000045	<0.000030
FOPR240301DW659		<0.0000042	<0.000028
FOPR240301UW915		<0.0000042	<0.000028
FOPR240301DW917		<0.0000042	<0.000028
FOPR240301DW916		<0.0000041	<0.000027
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

2/20/2024



Time Interval (30-min)	Station 1 (C15983) (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						181	0.9
06:30-06:59	0.006	0.006	0.004	0.003	0.002	123	1.5
07:00-07:29	0.007	0.008	0.006	0.004	0.004	106	2.4
07:30-07:59	0.015	0.008	0.012	0.004	0.004	112	2.5
08:00-08:29	0.007	0.007	0.007	0.006	0.007	115	4.0
08:30-08:59	0.008	0.008	0.007	0.008	0.008	125	4.5
09:00-09:29	0.008	0.009	0.008	0.004	0.006	157	3.4
09:30-09:59	0.007	0.007	0.007	0.001	0.004	179	2.3
10:00-10:29	0.008	0.008	0.007	0.005	0.004	148	2.8
10:30-10:59	0.008	0.007	0.006	0.005	0.003	141	4.8
11:00-11:29	0.006	0.007	0.006	0.008	0.004	138	5.4
11:30-11:59	0.008	0.008	0.007	0.011	0.005	170	6.8
12:00-12:29	0.007	0.008	0.007	0.007	0.007	169	7.3
12:30-12:59	0.007	0.007	0.006	0.005	0.006	159	8.4
13:00-13:29	0.005	0.005	0.004	0.004	0.005	167	9.8
13:30-13:59	0.005	0.004	0.003	0.004	0.002	154	9.5
14:00-14:29	0.004	0.004	0.003	0.003	0.004	158	9.9
14:30-14:59	0.003	0.004	0.003	0.003	0.002	169	9.1
15:00-15:29	0.004	0.004	0.003	0.005	0.003	170	10.4
15:30-15:59	0.004	0.003	0.002	0.007	0.003	180	8.5
16:00-16:29	0.003	0.003	0.002	0.001	0.003	179	9.8
16:30-16:59	0.003	0.005	0.003	0.002	0.002	184	10.6
17:00-17:29						176	10.3
17:30-17:59						170	9.6
18:00-18:29						170	10.0
18:30-18:59						161	9.2
Daily Average	0.006	0.006	0.005	0.005	0.004	167	6.7

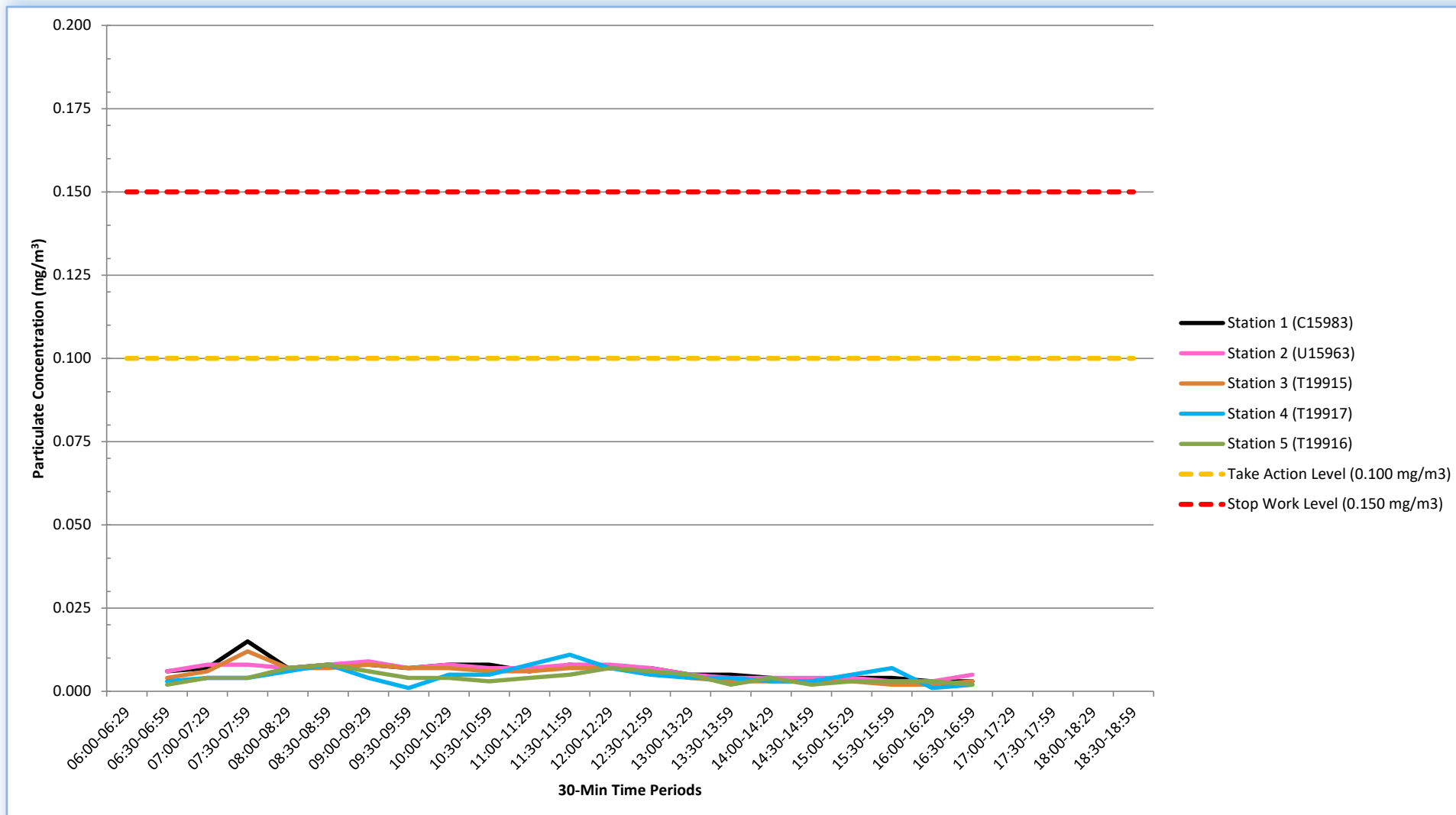
Notes:

- 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



2/20/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

2/27/2024



Time Interval (30-min)	Station 1 (C15983) (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						189	11.0
06:30-06:59	0.013		0.006			184	11.1
07:00-07:29	0.014	0.000	0.012	0.010	0.010	180	11.1
07:30-07:59	0.012	0.013	0.011	0.009	0.005	181	10.0
08:00-08:29	0.014	0.014	0.012	0.015	0.010	179	10.4
08:30-08:59	0.014	0.014	0.013	0.015	0.014	180	9.1
09:00-09:29	0.014	0.014	0.013	0.015	0.015	185	11.4
09:30-09:59	0.014	0.012	0.013	0.014	0.014	181	10.2
10:00-10:29	0.015	0.012	0.014	0.016	0.015	183	10.2
10:30-10:59	0.015	0.012	0.015	0.017	0.016	183	12.7
11:00-11:29	0.017	0.013	0.015	0.016	0.015	182	14.2
11:30-11:59	0.019	0.015	0.019	0.018	0.017	189	14.8
12:00-12:29	0.020	0.019	0.020	0.020	0.020	195	14.1
12:30-12:59	0.020	0.020	0.022	0.021	0.020	186	13.2
13:00-13:29	0.021	0.022	0.022	0.023	0.022	188	14.5
13:30-13:59	0.024	0.021	0.022	0.023	0.024	191	12.2
14:00-14:29	0.027	0.024	0.021	0.025	0.024	189	13.5
14:30-14:59	0.023	0.027	0.021	0.025	0.024	189	13.2
15:00-15:29	0.023	0.024	0.022	0.024	0.024	194	13.2
15:30-15:59	0.023	0.023	0.024	0.025	0.025	185	12.4
16:00-16:29	0.023	0.024	0.025	0.026	0.025	193	10.3
16:30-16:59	0.024	0.025	0.026	0.025	0.026	186	11.0
17:00-17:29	0.026	0.024			0.028	181	10.7
17:30-17:59						182	12.0
18:00-18:29						180	10.9
18:30-18:59						182	13.3
Daily Average	0.019	0.018	0.018	0.019	0.019	187	11.9

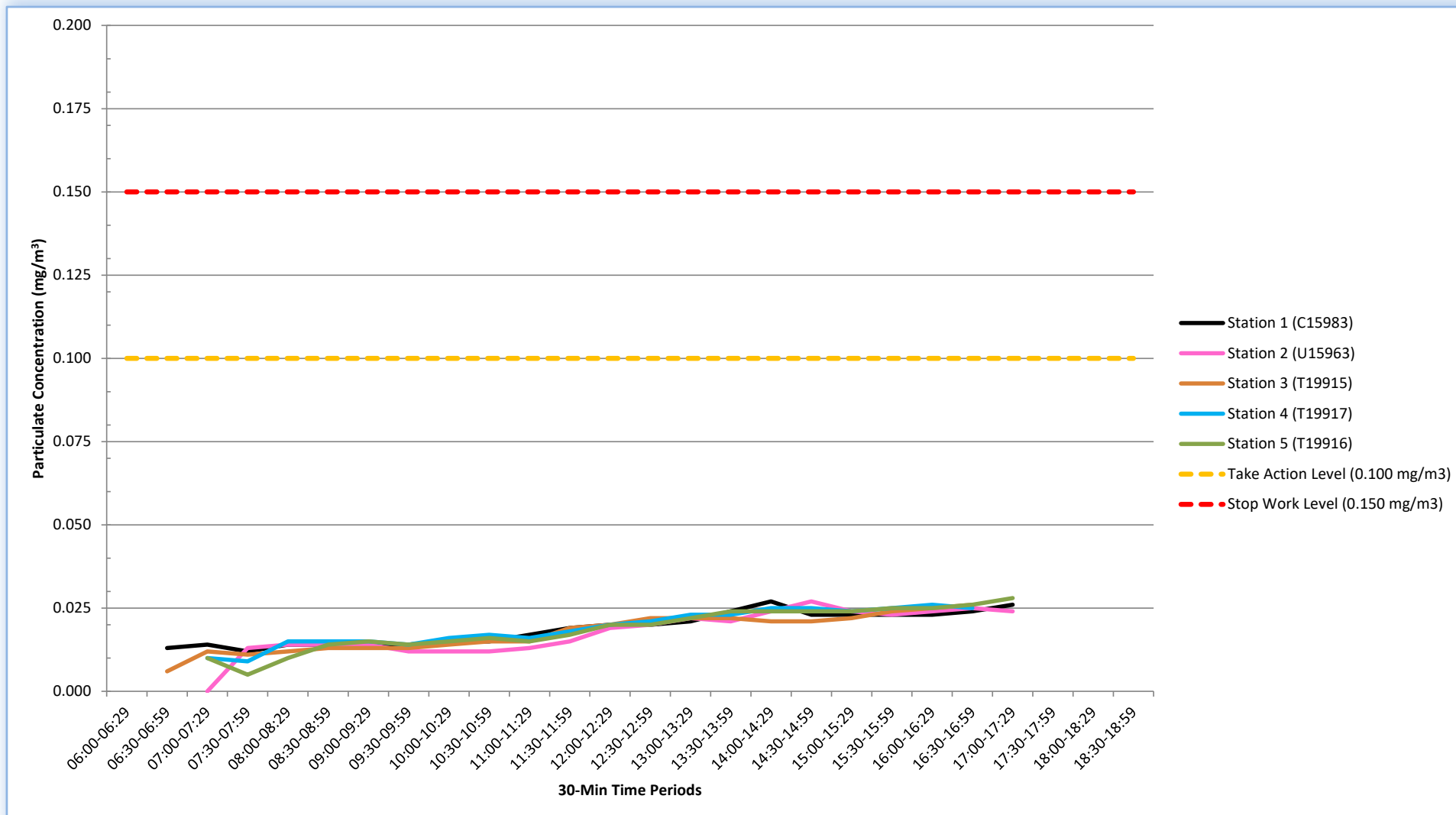
Notes:

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- 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



2/27/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

2/28/2024



Time Interval (30-min)	Station 1 (C15983) (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						337	10.6
06:30-06:59			0.003	0.009		345	11.7
07:00-07:29		0.002	0.004	0.006	0.005	338	12.6
07:30-07:59		0.004	0.007	0.009	0.001	348	14.4
08:00-08:29		0.004	0.005	0.006	0.004	349	11.4
08:30-08:59		0.004	0.007	0.011	0.009	350	14.3
09:00-09:29		0.004	0.005	0.008	0.007	349	14.0
09:30-09:59		0.003	0.003	0.006	0.003	344	11.1
10:00-10:29		0.003	0.003	0.001	0.002	348	11.5
10:30-10:59		0.003	0.003	0.003	0.004	352	11.9
11:00-11:29		0.003	0.002	0.004	0.004	352	11.0
11:30-11:59		0.002	0.002	0.005	0.000	345	9.8
12:00-12:29		0.002	0.002	0.002	0.003	343	9.7
12:30-12:59		0.003	0.002	0.000	0.008	356	10.3
13:00-13:29		0.003	0.001	0.000	0.003	358	9.5
13:30-13:59		0.002	0.002	0.000	0.001	0	9.3
14:00-14:29		0.002	0.001	0.000	0.003	0	9.4
14:30-14:59		0.002	0.001	0.000	0.003	356	8.7
15:00-15:29		0.001	0.001	0.002	0.002	10	8.8
15:30-15:59		0.001	0.001	0.001	0.003	14	8.7
16:00-16:29		0.001	0.001	0.002	0.002	8	6.2
16:30-16:59		0.002	0.001	0.005	0.000	24	6.5
17:00-17:29						27	6.2
17:30-17:59						24	6.4
18:00-18:29						21	5.0
18:30-18:59						27	4.4
Daily Average	0.000	0.003	0.003	0.004	0.003	352	9.7

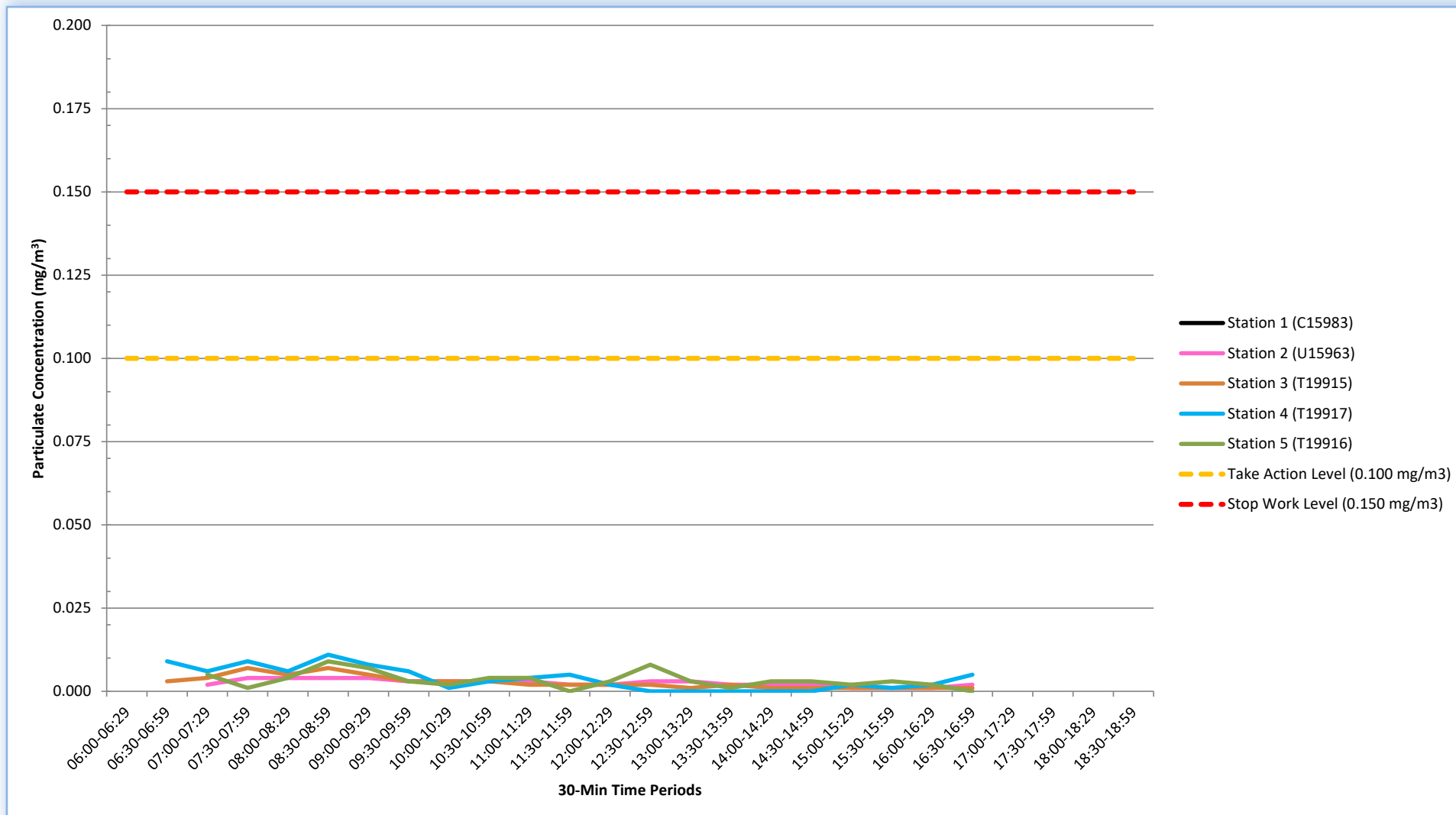
Notes:

- 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



2/28/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

2/29/2024



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						75	4.4
06:30-06:59						89	5.3
07:00-07:29		0.004	0.004	0.004	0.002	89	5.7
07:30-07:59		0.006	0.006	0.004	0.000	83	2.6
08:00-08:29		0.006	0.005	0.005	0.004	75	2.6
08:30-08:59		0.005	0.006	0.004	0.003	71	3.6
09:00-09:29		0.006	0.005	0.005	0.005	69	6.2
09:30-09:59		0.006	0.005	0.004	0.006	58	5.9
10:00-10:29		0.005	0.004	0.004	0.005	58	5.0
10:30-10:59		0.003	0.003	0.003	0.005	75	5.4
11:00-11:29		0.003	0.002	0.002	0.004	92	7.3
11:30-11:59		0.003	0.002	0.002	0.005	78	5.2
12:00-12:29		0.002	0.002	0.002	0.002	54	4.6
12:30-12:59		0.002	0.002	0.003	0.000	52	5.0
13:00-13:29		0.002	0.001	0.003	0.003	65	6.2
13:30-13:59		0.000	0.001	0.001	0.002	85	8.9
14:00-14:29	0.001	0.000	0.001	0.000	0.002	65	8.6
14:30-14:59	0.001	0.001	0.001	0.001	0.002	83	8.8
15:00-15:29	0.001	0.001	0.001	0.002	0.001	112	6.9
15:30-15:59	0.001	0.001	0.001	0.004	0.000	121	4.8
16:00-16:29	0.001	0.001	0.001	0.002	0.001	96	0.9
16:30-16:59	0.001	0.002	0.001	0.003	0.000	54	2.5
17:00-17:29						354	3.1
17:30-17:59						351	7.2
18:00-18:29						16	6.5
18:30-18:59						55	7.6
Daily Average	0.001	0.003	0.003	0.003	0.003	67	5.4

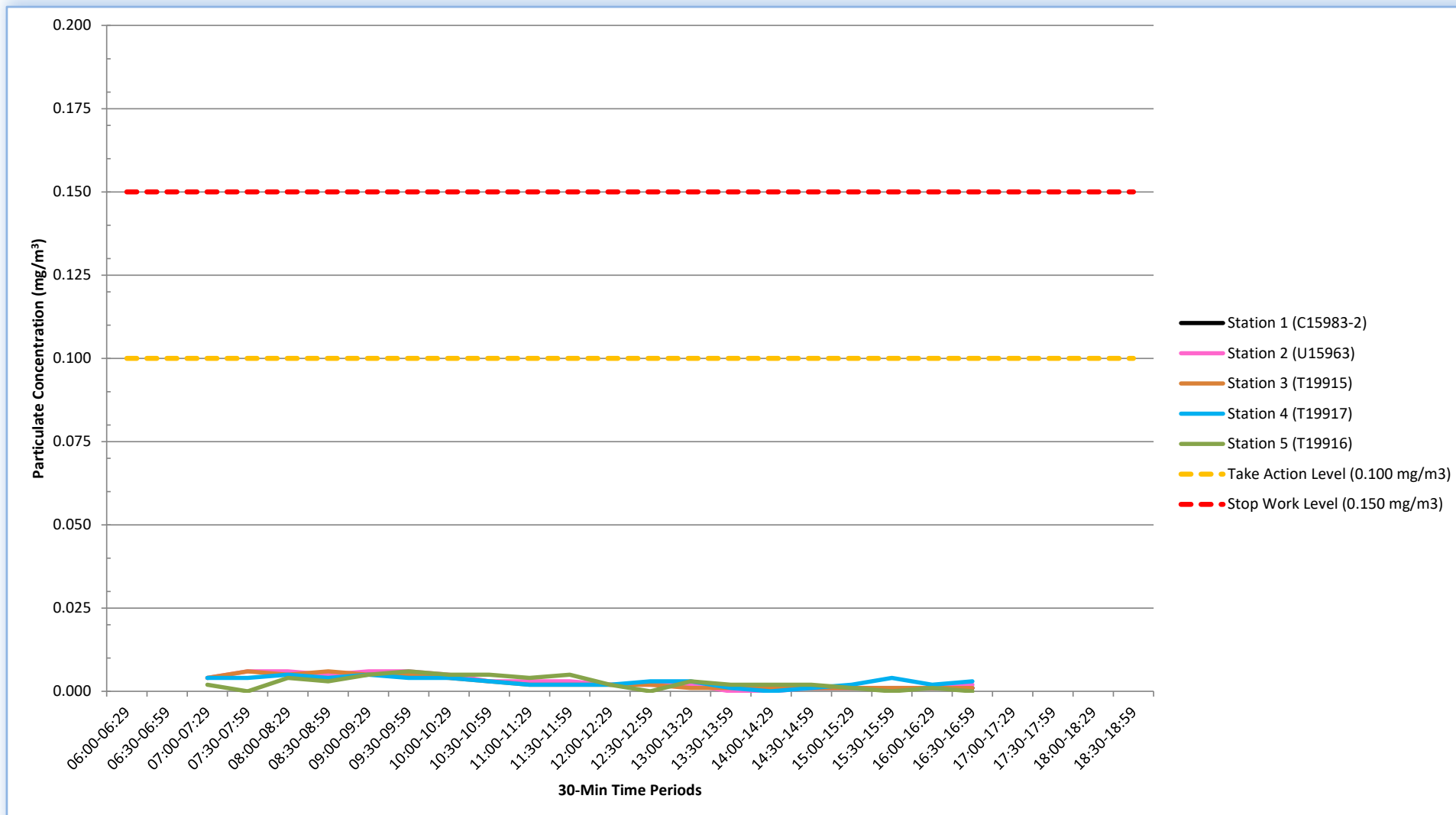
Notes:

- 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



2/29/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

3/1/2024



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						118	4.2
06:30-06:59	0.000	0.003		0.004	0.001	119	3.8
07:00-07:29	0.004	0.007	0.001	0.005	0.005	130	2.8
07:30-07:59	0.007	0.010	0.005	0.006	0.006	123	3.2
08:00-08:29	0.007	0.009	0.006	0.007	0.009	120	3.7
08:30-08:59	0.015	0.016	0.014	0.014	0.018	153	5.9
09:00-09:29	0.015	0.016	0.014	0.015	0.015	155	6.0
09:30-09:59	0.018	0.018	0.016	0.018	0.015	166	5.8
10:00-10:29	0.019	0.018	0.015	0.016	0.017	166	5.5
10:30-10:59	0.017	0.016	0.014	0.014	0.018	154	6.1
11:00-11:29	0.010	0.016	0.014	0.012	0.018	161	5.9
11:30-11:59	0.015	0.015	0.013	0.013	0.015	157	6.4
12:00-12:29	0.014	0.015	0.013	0.012	0.014	158	5.7
12:30-12:59	0.013	0.013	0.012	0.009	0.011	156	6.1
13:00-13:29	0.012	0.012	0.010	0.011	0.010	170	6.4
13:30-13:59	0.012	0.012	0.011	0.010	0.011	152	7.7
14:00-14:29	0.012	0.013	0.011	0.012	0.010	150	8.2
14:30-14:59	0.012	0.012	0.011	0.011	0.009	157	8.3
15:00-15:29	0.011	0.011	0.010	0.010	0.009	156	8.7
15:30-15:59	0.011	0.011	0.010	0.009	0.011	162	7.8
16:00-16:29	0.010	0.010	0.009	0.010	0.011	165	8.9
16:30-16:59	0.009	0.009	0.009	0.012	0.009	166	9.0
17:00-17:29	0.009					170	8.8
17:30-17:59						158	8.9
18:00-18:29						147	8.6
18:30-18:59						146	7.3
Daily Average	0.011	0.012	0.011	0.011	0.012	146	6.5

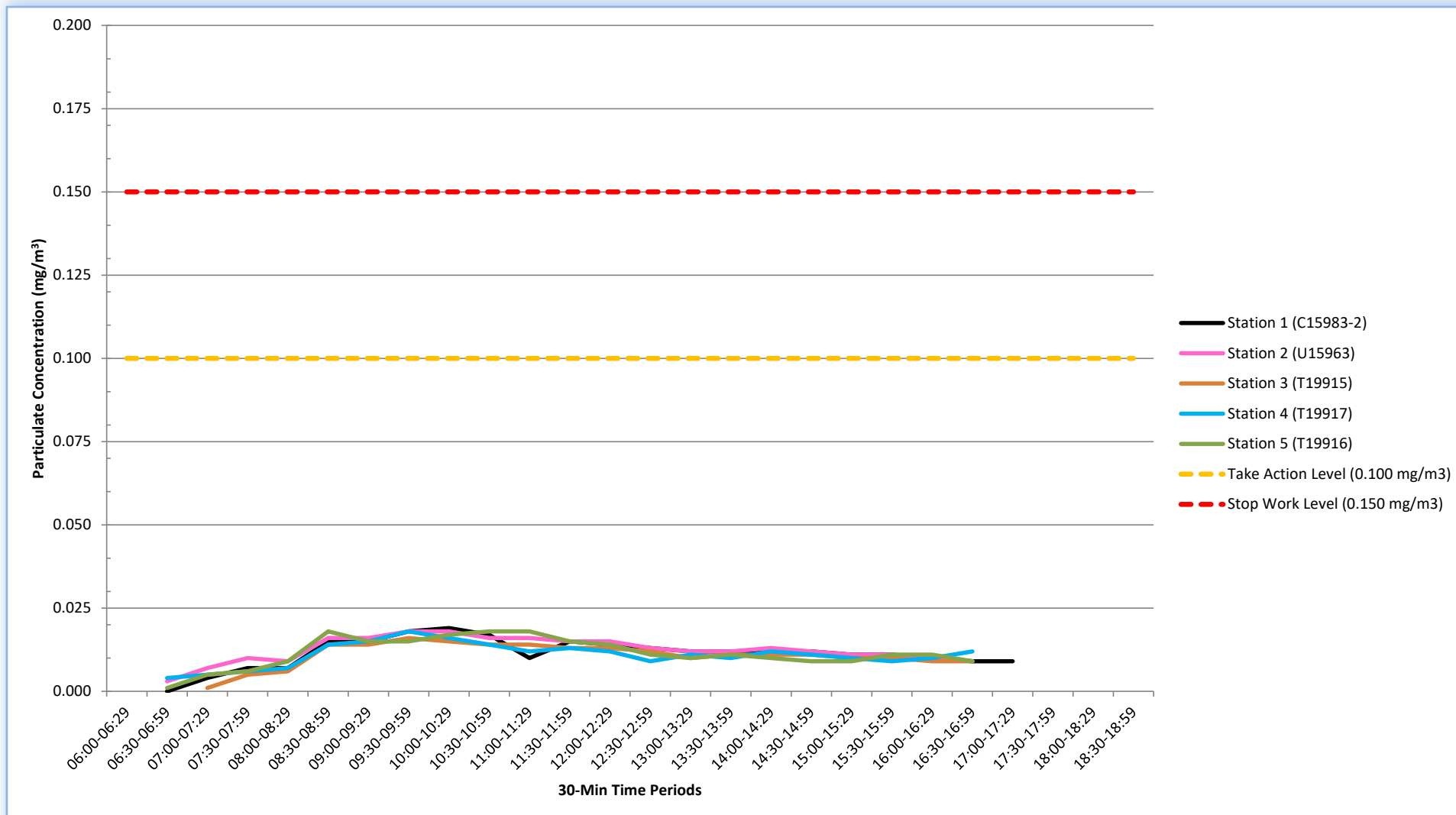
Notes:

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- 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



3/1/2024



ATTACHMENT B

Air Monitoring Laboratory Analytical Reports and Data Usability Summary

Data Usability Summary

To: Catherine Mear

Date: March 6, 2024

From: Brenda Basile

File: Frisco 2024-03 Air Monitoring DUS.docx

RE: Review of February and March Air
Monitoring Data

WSP USA Inc (WSP) reviewed three laboratory reports from ALS Environmental (Salt Lake City, Utah) providing the analytical results for air monitoring samples collected February 27 through March 1, 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 90 to 111 percent recovery (%R) for cadmium and 92 to 113 %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
FOPR240212DW983	2405924001	X	
FOPR240212DW485	2405924002	X	
FOPR240212UW915	2405924003	X	
FOPR240212DW917	2405924004	X	
FOPR240212DW917	2405924005	X	
FOPR240227 FB	2405924006	X	Field Blank
FOPR240228UW827	2406019001	X	
FOPR240228DW659	2406019002	X	
FOPR240228DW915	2406019003	X	
FOPR240228DW917	2406019004	X	
FOPR240228DW916	2406019001	X	
FOPR240301DW827	2406432001	X	Field Blank
FOPR240301DW659	2406432002	X	
FOPR240301UW915	2406432003	X	
FOPR240301DW917	2406432004	X	
FOPR240301DW916	2406432005	X	
FOPR240301 TB	2406432006	X	Trip Blank



ANALYTICAL REPORT

Report Date: February 29, 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: **34-2405924**

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

Analytical Results

Sample ID: FOPR240212DW983		Collected: 02/27/2024		
Lab ID: 2405924001		Received: 02/28/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 5972 L		Prepared: 02/28/2024 (315307)		
		Analyzed: 02/29/2024 (315344)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000038	0.023	0.075
Lead	<0.15	<0.000025	0.15	0.50

Sample ID: FOPR240212DW485		Collected: 02/27/2024	
Lab ID: 2405924002		Received: 02/28/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP12	
Sampling Parameter: Air Volume 6035 L		Prepared: 02/28/2024 (315307)	
		Analyzed: 02/29/2024 (315344)	

Sample ID: FOPR240212UW915		Collected: 02/27/2024	
Lab ID: 2405924003		Received: 02/28/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP12	
Sampling Parameter: Air Volume 5637 L		Prepared: 02/28/2024 (315307)	
		Analyzed: 02/29/2024 (315344)	



ANALYTICAL REPORT

Workorder: **34-2405924**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240212DW917		Collected: 02/27/2024		
Lab ID: 2405924004		Received: 02/28/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 5691 L		Prepared: 02/28/2024 (315307)		
		Analyzed: 02/29/2024 (315344)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000040	0.023	0.075
Lead	<0.15	<0.000026	0.15	0.50

Sample ID: FOPR240212DW916		Collected: 02/27/2024		
Lab ID: 2405924005		Received: 02/28/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 5735 L		Prepared: 02/28/2024 (315307)		
		Analyzed: 02/29/2024 (315344)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000039	0.023	0.075
Lead	<0.15	<0.000026	0.15	0.50

Sample ID: FOPR240227 FB		Collected: 02/27/2024		
Lab ID: 2405924006		Received: 02/28/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 0 L		Prepared: 02/28/2024 (315307)		
		Analyzed: 02/29/2024 (315344)		
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

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Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (315344)	/S/ Ethan Hamilton 02/29/2024 13:57	/S/ Kristie F. Bitner 02/29/2024 14:33

Laboratory Contact Information

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

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



ANALYTICAL REPORT

Workorder: **34-2405924**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

General Lab Comments

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	DOECAP-AP	L24-29	http://www.pjllabs.com
	Washington	C596	https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation

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NA = Not Applicable.

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

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() 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 01, 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: **34-2406019**

Client Project ID: Frisco Development Corp
Purchase Order: 22382
Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240228UW827		Collected: 02/28/2024		
Lab ID: 2406019001		Received: 02/29/2024		
Sampling Location: Frisco Development				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 5740 L		Prepared: 02/29/2024 (315341)		
		Analyzed: 03/01/2024 (315383)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000039	0.023	0.075
Lead	<0.15	<0.000026	0.15	0.50

Sample ID: FOPR240228DW659		Collected: 02/28/2024		
Lab ID: 2406019002		Received: 02/29/2024		
Sampling Location: Frisco Development				
Method: NIOSH 7300 Mod., MCE		Instrument: ICP12		
Dilution: 1		Prepared: 02/29/2024 (315341)		
Media: MCE Filter		Analyzed: 03/01/2024 (315383)		
Sampling Parameter: Air Volume 5845 L				
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000038	0.023	0.075
Lead	<0.15	<0.000026	0.15	0.50

Sample ID: FOPR240228DW915		Collected: 02/28/2024		
Lab ID: 2406019003		Received: 02/29/2024		
Sampling Location: Frisco Development				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 6190 L		Prepared: 02/29/2024 (315341)		
		Analyzed: 03/01/2024 (315383)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000036	0.023	0.075
Lead	<0.15	<0.000024	0.15	0.50



ANALYTICAL REPORT

Workorder: **34-2406019**

Client Project ID: Frisco Development Corp

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240228DW917		Collected: 02/28/2024		
Lab ID: 2406019004		Received: 02/29/2024		
Sampling Location: Frisco Development				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 6212 L		Prepared: 02/29/2024 (315341)		
		Analyzed: 03/01/2024 (315383)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000036	0.023	0.075
Lead	<0.15	<0.000024	0.15	0.50

Sample ID: FOPR240228DW916		Collected: 02/28/2024		
Lab ID: 2406019005		Received: 02/29/2024		
Sampling Location: Frisco Development				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP12		
Sampling Parameter: Air Volume 5779 L		Prepared: 02/29/2024 (315341)		
		Analyzed: 03/01/2024 (315383)		
Analyte	Result (ug/sample)	Result (mg/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0000039	0.023	0.075
Lead	<0.15	<0.000026	0.15	0.50

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Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (315383)	/S/ Ethan Hamilton 03/01/2024 13:51	/S/ Kristie F. Bitner 03/01/2024 14:52

Laboratory Contact Information

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

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



ANALYTICAL REPORT

Workorder: **34-2406019**

Client Project ID: Frisco Development Corp

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

General Lab Comments

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	Washington	C596	https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation

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ANALYTICAL REPORT

Report Date: March 05, 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: **34-2406432**

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

Analytical Results

Sample ID: FOPR240301DW827		Collected: 03/01/2024		
Lab ID: 2406432001		Received: 03/02/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5035 L		Prepared: 03/04/2024 (315413)		
		Analyzed: 03/05/2024 (315448)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0045	0.023	0.075
Lead	<0.15	<0.030	0.15	0.50

Sample ID: FOPR240301DW659		Collected: 03/01/2024		
Lab ID: 2406432002		Received: 03/02/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5374 L		Prepared: 03/04/2024 (315413)		
		Analyzed: 03/05/2024 (315448)		
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: FOPR240301UW915		Collected: 03/01/2024		
Lab ID: 2406432003		Received: 03/02/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5410 L		Prepared: 03/04/2024 (315413)		
		Analyzed: 03/05/2024 (315448)		
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



ANALYTICAL REPORT

Workorder: **34-2406432**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240301DW917		Collected: 03/01/2024	
Lab ID: 2406432004		Received: 03/02/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE	Media: MCE Filter	Instrument: ICP14	
Dilution: 1	Sampling Parameter: Air Volume 5353 L	Prepared: 03/04/2024 (315413)	
		Analyzed: 03/05/2024 (315448)	
Analyte	Result (ug/sample)	Result (ug/m³)	RL (ug/sample)
Cadmium	<0.023	<0.0042	0.075
Lead	<0.15	<0.028	0.50

Sample ID: FOPR240301DW916		Collected: 03/01/2024	
Lab ID: 2406432005		Received: 03/02/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE	Media: MCE Filter	Instrument: ICP14	
Dilution: 1	Sampling Parameter: Air Volume 5507 L	Prepared: 03/04/2024 (315413)	
		Analyzed: 03/05/2024 (315448)	
Analyte	Result (ug/sample)	Result (ug/m³)	RL (ug/sample)
Cadmium	<0.023	<0.0041	0.075
Lead	<0.15	<0.027	0.50

Sample ID: FOPR240301 TB		Collected: 03/01/2024	
Lab ID: 2406432006		Received: 03/02/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE	Media: MCE Filter	Instrument: ICP14	
Dilution: 1	Sampling Parameter: Air Volume 0 L	Prepared: 03/04/2024 (315413)	
		Analyzed: 03/05/2024 (315448)	
Analyte	Result (ug/sample)	Result (ug/m³)	RL (ug/sample)
Cadmium	<0.023	NA	0.075
Lead	<0.15	NA	0.50

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Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (315448)	/S/ Joanna C. Sanchez 03/05/2024 14:27	/S/ Ethan Hamilton 03/05/2024 17:10

Laboratory Contact Information

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

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



ANALYTICAL REPORT

Workorder: **34-2406432**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071 / 22382

Project Manager: Jessica Cofrancesco

General Lab Comments

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