



May 3, 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 – APRIL 17, 2024/APRIL 23, 2024  
AFFECTED PROPERTIES 4, 5, AND LAKE PARCEL EXCAVATIONS  
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 April 17<sup>th</sup> to April 23<sup>rd</sup>, 2024, for the Affected Properties 4,5 and the Lake Parcel Soil Excavations and Wastewater Treatment Plant Demolition 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 April 17<sup>th</sup> through 19<sup>th</sup>, April 22<sup>nd</sup> and April 23<sup>rd</sup> during this period. No increases in particulate matter concentrations were noted in this period, and all particulate matter concentrations in this time period remained below the Take Action and Stop Work levels. In addition to the real-time air monitoring, air samples were collected for laboratory analysis on April 17<sup>th</sup> and 23<sup>rd</sup> 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. No detections of cadmium or lead were present in samples collected during this time period, and lead and cadmium concentrations remained below the Stop Work limits.

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**  
**April 17, 2024 - April 23, 2024**

**Frisco CDC Site**  
**Frisco, Texas**  
**IHW Permit No. 50206**

Sample ID <sup>1</sup>	Date	Cadmium <sup>2</sup>	Lead <sup>2</sup>
		mg/m <sup>3</sup>	
FOPR240417UW827	4/17/2024	<0.0000040	<0.000027
FOPR240417DW659		<0.0000041	<0.000027
FOPR240417DW915		<0.0000041	<0.000027
FOPR240417DW917		<0.0000041	<0.000027
FOPR240417DW916		<0.0000041	<0.000027
FOPR240423DW827	4/23/2024	<0.0000043	<0.000029
FOPR240423DW659		<0.0000046	<0.000031
FOPR240423DW915		<0.0000043	<0.000029
FOPR240423UW917		<0.0000041	<0.000027
FOPR240423DW916		<0.0000041	<0.000027
Stop Work Level - 60 minute average <sup>3</sup>		0.0001	0.00107

**Notes:**

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

<sup>2</sup>Cadmium and lead analyzed via NIOSH Method 7300 Mod., MCE.

<sup>3</sup>Particulate 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/m<sup>3</sup>).

**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

4/17/2024

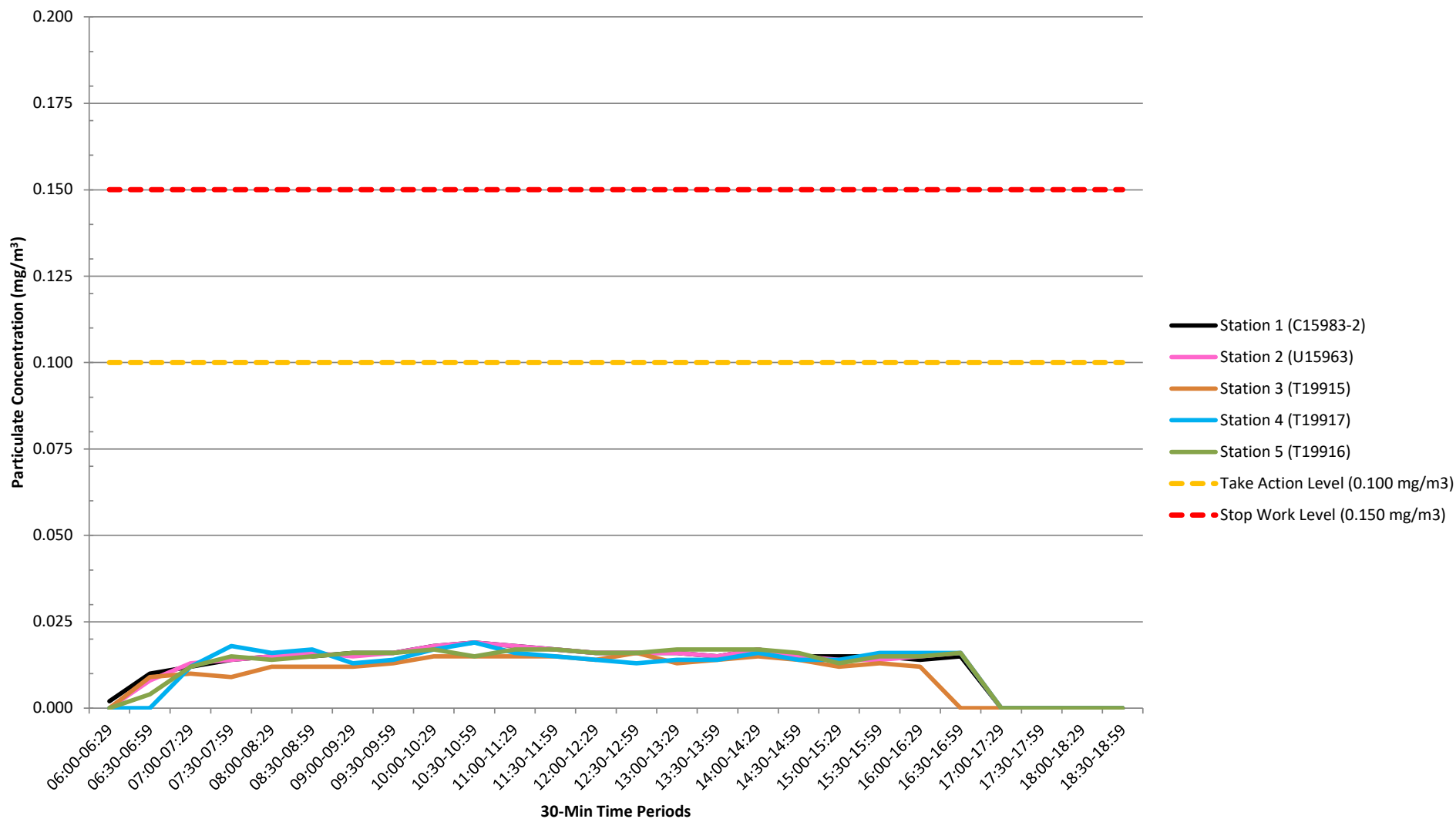


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29	0.002					178	5.3
06:30-06:59	0.010	0.008	0.009	0.000	0.004	175	6.4
07:00-07:29	0.012	0.013	0.010	0.012	0.012	164	5.4
07:30-07:59	0.014	0.014	0.009	0.018	0.015	127	4.3
08:00-08:29	0.015	0.015	0.012	0.016	0.014	169	3.1
08:30-08:59	0.015	0.016	0.012	0.017	0.015	159	4.5
09:00-09:29	0.016	0.015	0.012	0.013	0.016	179	5.9
09:30-09:59	0.016	0.016	0.013	0.014	0.016	180	6.3
10:00-10:29	0.018	0.018	0.015	0.017	0.017	193	6.7
10:30-10:59	0.019	0.019	0.015	0.019	0.015	198	7.2
11:00-11:29	0.018	0.018	0.015	0.016	0.017	186	6.3
11:30-11:59	0.017	0.017	0.015	0.015	0.017	189	2.9
12:00-12:29	0.016	0.016	0.014	0.014	0.016	163	4.4
12:30-12:59	0.016	0.016	0.016	0.013	0.016	138	7.0
13:00-13:29	0.016	0.016	0.013	0.014	0.017	152	7.1
13:30-13:59	0.015	0.015	0.014	0.014	0.017	149	8.6
14:00-14:29	0.017	0.017	0.015	0.016	0.017	155	7.7
14:30-14:59	0.015	0.015	0.014	0.014	0.016	153	7.4
15:00-15:29	0.015	0.014	0.012	0.014	0.013	148	9.0
15:30-15:59	0.015	0.014	0.013	0.016	0.015	142	9.5
16:00-16:29	0.014	0.015	0.012	0.016	0.015	145	9.0
16:30-16:59	0.015	0.016		0.016	0.016	148	8.8
17:00-17:29						167	8.5
17:30-17:59						160	9.2
18:00-18:29						159	9.4
18:30-18:59						145	8.7
Daily Average	0.015	0.015	0.013	0.014	0.015	161	6.9

**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**  
**4/17/2024**



# Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/18/2024



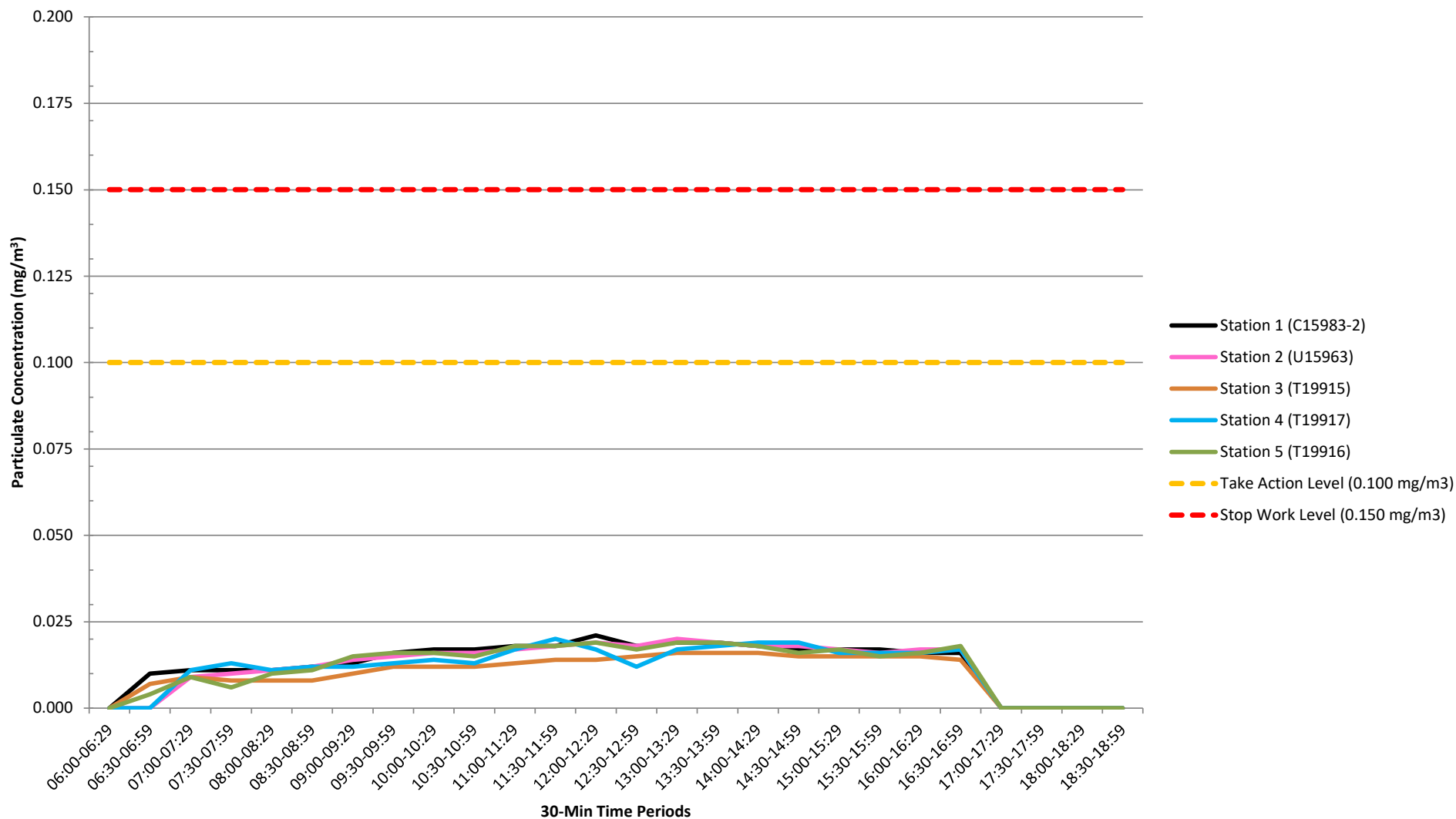
Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						153	8.9
06:30-06:59	0.010		0.007		0.004	156	8.5
07:00-07:29	0.011	0.009	0.009	0.011	0.009	154	8.2
07:30-07:59	0.011	0.010	0.008	0.013	0.006	159	8.4
08:00-08:29	0.011	0.011	0.008	0.011	0.010	178	7.5
08:30-08:59	0.012	0.012	0.008	0.012	0.011	183	9.5
09:00-09:29	0.013	0.014	0.010	0.012	0.015	182	10.0
09:30-09:59	0.016	0.015	0.012	0.013	0.016	177	10.2
10:00-10:29	0.017	0.016	0.012	0.014	0.016	186	10.1
10:30-10:59	0.017	0.016	0.012	0.013	0.015	186	10.5
11:00-11:29	0.018	0.017	0.013	0.017	0.018	186	9.1
11:30-11:59	0.018	0.018	0.014	0.020	0.018	185	9.3
12:00-12:29	0.021	0.019	0.014	0.017	0.019	223	5.7
12:30-12:59	0.018	0.018	0.015	0.012	0.017	207	5.3
13:00-13:29	0.019	0.020	0.016	0.017	0.019	206	5.1
13:30-13:59	0.019	0.019	0.016	0.018	0.019	237	4.8
14:00-14:29	0.018	0.018	0.016	0.019	0.018	237	4.7
14:30-14:59	0.017	0.018	0.015	0.019	0.016	217	5.1
15:00-15:29	0.017	0.017	0.015	0.016	0.017	216	4.7
15:30-15:59	0.017	0.016	0.015	0.016	0.015	246	4.1
16:00-16:29	0.016	0.017	0.015	0.016	0.016	249	4.5
16:30-16:59	0.016	0.017	0.014	0.017	0.018	282	8.3
17:00-17:29						304	9.3
17:30-17:59						323	9.2
18:00-18:29						330	9.7
18:30-18:59						321	9.6
<b>Daily Average</b>	<b>0.016</b>	<b>0.016</b>	<b>0.013</b>	<b>0.015</b>	<b>0.015</b>	<b>202</b>	<b>7.7</b>

**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**  
**4/18/2024**



# Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/19/2024

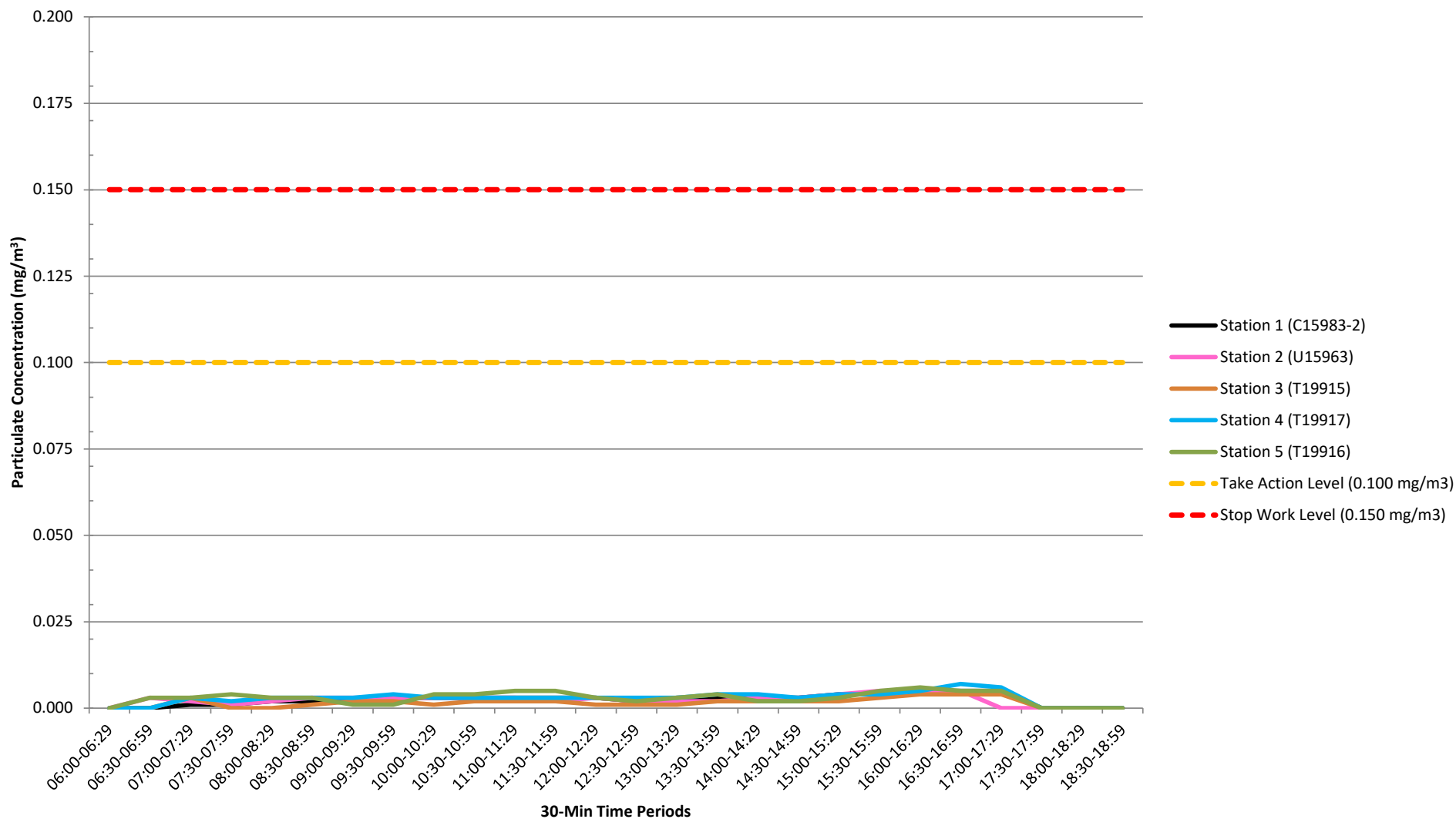


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						359	5.9
06:30-06:59		0.003			0.003	356	7.6
07:00-07:29	0.001	0.002	0.003	0.003	0.003	6	6.5
07:30-07:59	0.001	0.001	0.000	0.002	0.004	6	5.7
08:00-08:29	0.002	0.002	0.000	0.003	0.003	2	6.3
08:30-08:59	0.002	0.003	0.001	0.003	0.003	3	5.9
09:00-09:29	0.002	0.003	0.002	0.003	0.001	9	5.1
09:30-09:59	0.003	0.003	0.002	0.004	0.001	352	4.8
10:00-10:29	0.003	0.003	0.001	0.003	0.004	358	4.8
10:30-10:59	0.003	0.003	0.002	0.003	0.004	12	4.5
11:00-11:29	0.003	0.003	0.002	0.003	0.005	358	4.3
11:30-11:59	0.003	0.002	0.002	0.003	0.005	350	4.9
12:00-12:29	0.003	0.003	0.001	0.003	0.003	339	7.4
12:30-12:59	0.002	0.002	0.001	0.003	0.002	347	6.7
13:00-13:29	0.003	0.002	0.001	0.003	0.003	345	6.4
13:30-13:59	0.003	0.002	0.002	0.004	0.004	342	6.4
14:00-14:29	0.003	0.003	0.002	0.004	0.002	347	6.9
14:30-14:59	0.003	0.003	0.002	0.003	0.002	341	6.7
15:00-15:29	0.004	0.004	0.002	0.004	0.003	25	3.8
15:30-15:59	0.004	0.005	0.003	0.004	0.005	39	3.5
16:00-16:29	0.005	0.005	0.004	0.005	0.006	353	2.3
16:30-16:59	0.005	0.005	0.004	0.007	0.005	12	1.6
17:00-17:29	0.005		0.004	0.006	0.005	341	4.7
17:30-17:59						337	7.3
18:00-18:29						342	8.4
18:30-18:59						345	9.1
<b>Daily Average</b>	<b>0.003</b>	<b>0.003</b>	<b>0.002</b>	<b>0.004</b>	<b>0.003</b>	<b>357</b>	<b>5.7</b>

**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**  
**4/19/2024**



# Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/22/2024

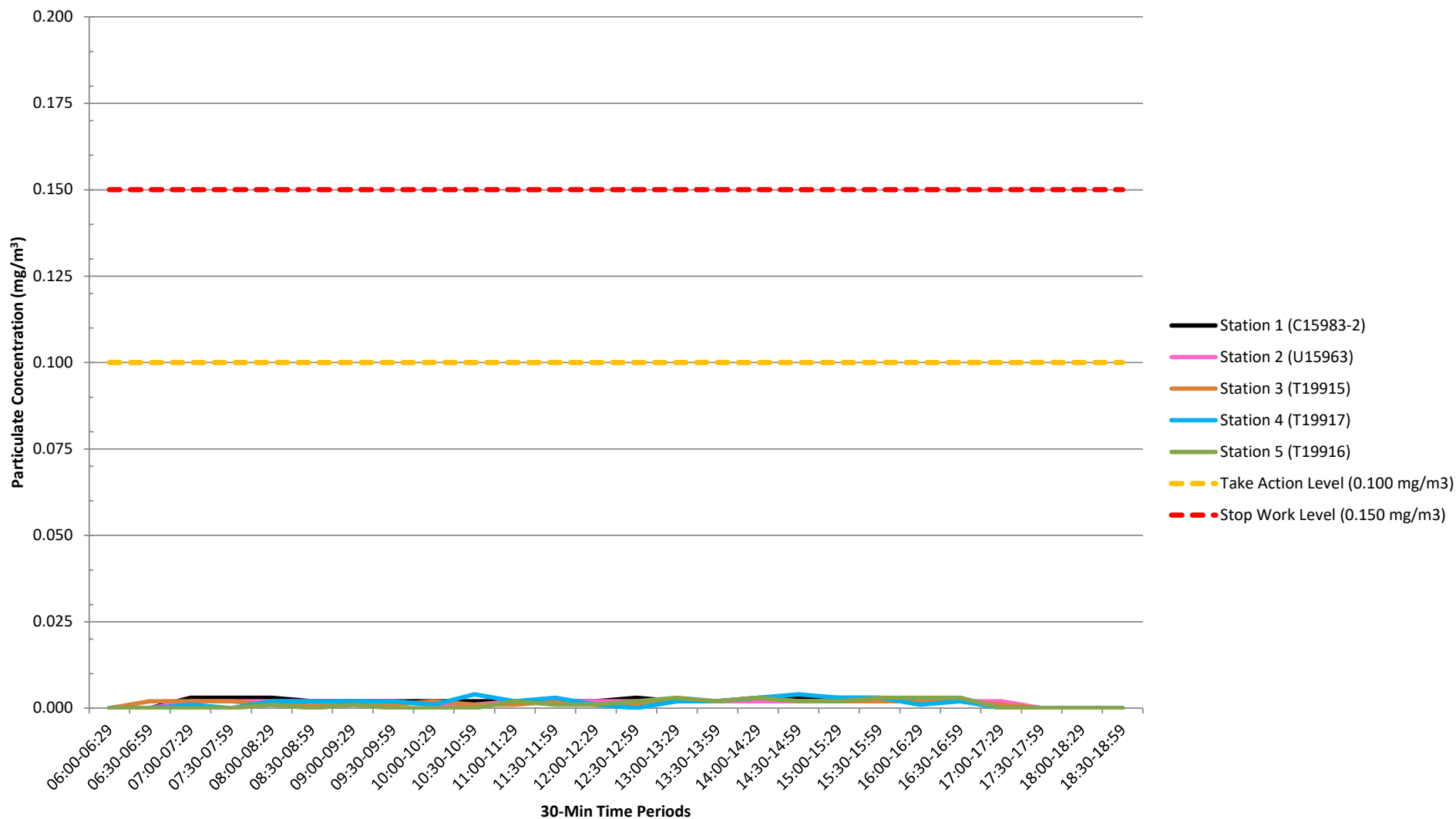


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						115	2.2
06:30-06:59			0.002		0.000	125	1.9
07:00-07:29	0.003	0.002	0.002	0.001	0.000	127	1.6
07:30-07:59	0.003	0.002	0.002	0.000	0.000	124	1.3
08:00-08:29	0.003	0.002	0.001	0.002	0.001	123	3.3
08:30-08:59	0.002	0.002	0.001	0.002	0.000	119	5.3
09:00-09:29	0.002	0.002	0.001	0.002	0.001	125	6.4
09:30-09:59	0.002	0.002	0.001	0.002	0.000	132	6.5
10:00-10:29	0.002	0.001	0.002	0.001	0.000	141	6.4
10:30-10:59	0.002	0.001	0.001	0.004	0.000	149	6.5
11:00-11:29	0.002	0.002	0.001	0.002	0.002	151	6.6
11:30-11:59	0.002	0.002	0.002	0.003	0.001	161	5.5
12:00-12:29	0.002	0.002	0.001	0.001	0.001	157	7.2
12:30-12:59	0.003	0.002	0.001	0.000	0.002	153	6.8
13:00-13:29	0.002	0.002	0.002	0.002	0.003	177	7.1
13:30-13:59	0.002	0.002	0.002	0.002	0.002	175	8.8
14:00-14:29	0.003	0.002	0.003	0.003	0.003	164	8.2
14:30-14:59	0.003	0.002	0.002	0.004	0.002	159	8.3
15:00-15:29	0.003	0.002	0.002	0.003	0.002	173	8.3
15:30-15:59	0.003	0.002	0.002	0.003	0.003	157	7.5
16:00-16:29	0.002	0.002	0.002	0.001	0.003	156	8.4
16:30-16:59	0.002	0.002	0.002	0.002	0.003	160	9.6
17:00-17:29	0.001	0.002	0.001			161	7.9
17:30-17:59						162	8.6
18:00-18:29						158	10.6
18:30-18:59						157	10.6
<b>Daily Average</b>	<b>0.002</b>	<b>0.002</b>	<b>0.002</b>	<b>0.002</b>	<b>0.001</b>	<b>153</b>	<b>6.6</b>

**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**  
**4/22/2024**



# Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/23/2024

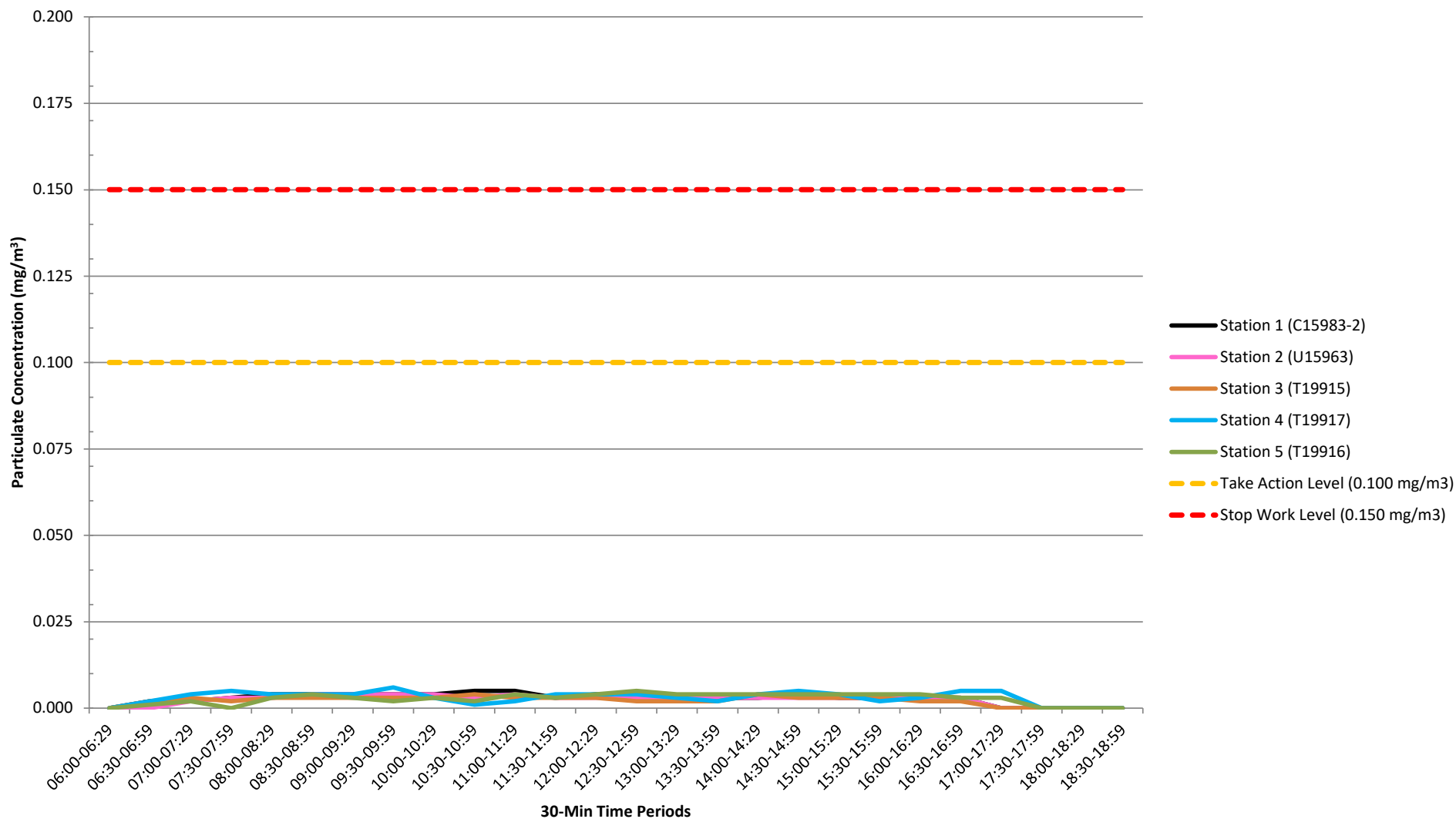


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						175	5.9
06:30-06:59	0.002		0.002	0.002	0.001	178	8.1
07:00-07:29	0.002	0.002	0.003	0.004	0.002	180	8.4
07:30-07:59	0.003	0.003	0.002	0.005	0.000	181	9.6
08:00-08:29	0.004	0.003	0.003	0.004	0.003	180	9.8
08:30-08:59	0.004	0.004	0.003	0.004	0.004	179	12.2
09:00-09:29	0.004	0.004	0.003	0.004	0.003	187	12.0
09:30-09:59	0.004	0.004	0.003	0.006	0.002	184	13.9
10:00-10:29	0.004	0.004	0.003	0.003	0.003	188	13.1
10:30-10:59	0.005	0.003	0.004	0.001	0.002	183	14.9
11:00-11:29	0.005	0.004	0.003	0.002	0.004	184	16.5
11:30-11:59	0.003	0.003	0.003	0.004	0.003	182	14.8
12:00-12:29	0.004	0.003	0.003	0.004	0.004	183	16.0
12:30-12:59	0.003	0.003	0.002	0.004	0.005	187	16.3
13:00-13:29	0.003	0.003	0.002	0.003	0.004	187	16.4
13:30-13:59	0.003	0.003	0.002	0.002	0.004	173	14.0
14:00-14:29	0.003	0.003	0.004	0.004	0.004	180	14.0
14:30-14:59	0.004	0.003	0.003	0.005	0.004	190	15.6
15:00-15:29	0.003	0.003	0.003	0.004	0.004	190	15.3
15:30-15:59	0.003	0.003	0.003	0.002	0.004	187	15.1
16:00-16:29	0.003	0.003	0.002	0.003	0.004	186	14.6
16:30-16:59	0.003	0.003	0.002	0.005	0.003	184	14.3
17:00-17:29				0.005	0.003	192	15.9
17:30-17:59						187	13.6
18:00-18:29						185	10.0
18:30-18:59						191	11.4
<b>Daily Average</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.004</b>	<b>0.003</b>	<b>180</b>	<b>13.1</b>

**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**  
**4/23/2024**



## **ATTACHMENT B**

### **Air Monitoring Laboratory Analytical Reports and Data Usability Summary**



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## Data Usability Summary

To:	Catherine Mear	Date:	April 25, 2024
From:	William Stursberg	File:	Frisco 2024.04.17-04.23 Air Monitoring DUS
RE:	Review of April Air Monitoring Data	CC:	

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WSP USA Inc (WSP) reviewed one laboratory report from ALS Environmental (Salt Lake City, Utah) providing the analytical results for air monitoring samples collected April 17 and 23, 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**

Field blanks were not collected, and no analytes were detected in 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
FOPR240417UW827	2410967001	X	
FOPR240417DW659	2410967002	X	
FOPR240417DW915	2410967003	X	
FOPR240417DW917	2410967004	X	
FOPR240417DW916	2410967005	X	
FOPR240423DW827	2411562001	X	
FOPR240423DW659	2411562002	X	
FOPR240423DW915	2411562003	X	
FOPR240423UW917	2411562004	X	
FOPR240423DW916	2411562005	X	



## ANALYTICAL REPORT

Report Date: April 19, 2024

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Workorder: **34-2410967**

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

### Analytical Results

Sample ID: <b>FOPR240417UW827</b>		Collected: 04/17/2024		
Lab ID: 2410967001		Received: 04/18/2024		
Sampling Location: Frisco Development C				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5573 L		Prepared: 04/18/2024 (316796)		
		Analyzed: 04/19/2024 (316849)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0040	0.023	0.075
Lead	<0.15	<0.027	0.15	0.50

Sample ID: <b>FOPR240417DW659</b>		Collected: 04/17/2024		
Lab ID: 2410967002		Received: 04/18/2024		
Sampling Location: Frisco Development C				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5525 L		Prepared: 04/18/2024 (316796)		
		Analyzed: 04/19/2024 (316849)		
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: <b>FOPR240417DW915</b>		Collected: 04/17/2024		
Lab ID: 2410967003		Received: 04/18/2024		
Sampling Location: Frisco Development C				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5498 L		Prepared: 04/18/2024 (316796)		
		Analyzed: 04/19/2024 (316849)		
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



## ANALYTICAL REPORT

Workorder: **34-2410967**

Client Project ID: Frisco Development Corporation

Purchase Order: 22071/22382

Project Manager: Jessica Cofrancesco

### Analytical Results

Sample ID: <b>FOPR240417DW917</b>		Collected: 04/17/2024		
Lab ID: 2410967004		Received: 04/18/2024		
Sampling Location: Frisco Development C				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5464 L		Prepared: 04/18/2024 (316796)		
		Analyzed: 04/19/2024 (316849)		
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: <b>FOPR240417DW916</b>		Collected: 04/17/2024		
Lab ID: 2410967005		Sampling Location: Frisco Development C		Received: 04/18/2024
<b>Method:</b> NIOSH 7300 Mod., MCE		<b>Media:</b> MCE Filter		<b>Instrument:</b> ICP13
<b>Dilution:</b> 1		<b>Sampling Parameter:</b> Air Volume 5498 L		<b>Prepared:</b> 04/18/2024 (316796)
				<b>Analyzed:</b> 04/19/2024 (316849)
<b>Analyte</b>	<b>Result (ug/sample)</b>	<b>Result (ug/m³)</b>	<b>LOD (ug/sample)</b>	<b>RL (ug/sample)</b>
Cadmium	<0.023	<0.0041	0.023	0.075
Lead	<0.15	<0.027	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 (316849)	/S/ Ethan Hamilton 04/19/2024 14:23	/S/ Kristie F. Bitner 04/19/2024 16:11

### Laboratory Contact Information

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## ANALYTICAL REPORT

Workorder: **34-2410967**

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	<a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>
	DOECAP-AP	L24-29	<a href="http://www.pjllabs.com">http://www.pjllabs.com</a>
	Washington	C596	<a href="https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation">https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation</a>

### 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

**Amended-20240502**

Report Date: May 02, 2024

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P.O. Box 587  
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Workorder: **34-2411562**

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

## Analytical Results

Sample ID: <b>FOPR240423DW827</b>		Collected: 04/23/2024		
Lab ID: 2411562001		Received: 04/24/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5187 L		Prepared: 04/25/2024 (317001)		
		Analyzed: 04/26/2024 (317057)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0043	0.023	0.075
Lead	<0.15	<0.029	0.15	0.50

Sample ID: <b>FOPR240423DW659</b>		Collected: 04/23/2024		
Lab ID: 2411562002		Received: 04/24/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 4896 L		Prepared: 04/25/2024 (317001)		
		Analyzed: 04/26/2024 (317057)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0046	0.023	0.075
Lead	<0.15	<0.031	0.15	0.50

Sample ID: <b>FOPR240423DW915</b>		Collected: 04/23/2024		
Lab ID: 2411562003		Received: 04/24/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5259 L		Prepared: 04/25/2024 (317001)		
		Analyzed: 04/26/2024 (317057)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0043	0.023	0.075
Lead	<0.15	<0.029	0.15	0.50



## ANALYTICAL REPORT

**Amended-20240502**

Workorder: **34-2411562**

Client Project ID: Frisco Development Corporation

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

### Analytical Results

Sample ID: <b>FOPR240423UW917</b>		Collected: 04/23/2024	
Lab ID: 2411562004		Received: 04/24/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE	Media: MCE Filter	Instrument: ICP13	
Dilution: 1	Sampling Parameter: Air Volume 5459 L	Prepared: 04/25/2024 (317001)	
		Analyzed: 04/26/2024 (317057)	
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: <b>FOPR240423DW916</b>		Collected: 04/23/2024	
Lab ID: 2411562005		Received: 04/24/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE	Media: MCE Filter	Instrument: ICP13	
Dilution: 1	Sampling Parameter: Air Volume 5535 L	Prepared: 04/25/2024 (317001)	
		Analyzed: 04/26/2024 (317057)	
Analyte	Result (ug/sample)	Result (ug/m³)	RL (ug/sample)
Cadmium	<0.023	<0.0041	0.075
Lead	<0.15	<0.027	0.50

### Comments

Workorder: 2411562

Amended(05/02/2024): Sample collection dates updated

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

Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (317057)	/S/ Ethan Hamilton 04/26/2024 14:34	/S/ Kristie F. Bitner 04/26/2024 15:30

### Laboratory Contact Information

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Web: [www.alsglobal.com/slt](http://www.alsglobal.com/slt)



## ANALYTICAL REPORT

**Amended-20240502**

Workorder: **34-2411562**

Client Project ID: Frisco Development Corporation

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

### General Lab Comments

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	DOECAP-AP	L24-29	<a href="http://www.pjllabs.com">http://www.pjllabs.com</a>
	Washington	C596	<a href="https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation">https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation</a>

### Definitions

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