



April 23, 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 3, 2024/APRIL 16, 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 April 3rd to April 16th, 2024, for the Affected Property 5 Soil Excavation 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 3rd, April 9th through 13th and April 15th and 16th 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 9th, 10th, 11th, 15th, and 16th 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 were present in samples collected during this time period, but lead was detected in sample FOPR240416DW917 collected on April 16th. However, 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 3, 2024 - April 16, 2024

Frisco CDC Site
Frisco, Texas
IHW Permit No. 50206

Sample ID ¹	Date	Cadmium ²	Lead ²
		mg/m ³	
FOPR240409UW827	4/9/2024	<0.0000042	<0.000028
FOPR240409DW659		<0.0000046	<0.000031
FOPR240409DW915		<0.0000044	<0.00003
FOPR240409DW917		<0.0000041	<0.000028
FOPR240409DW916		<0.0000041	<0.000027
FOPR240410DW827	4/10/2024	<0.0000046	<0.000031
FOPR240410DW659		<0.0000046	<0.000031
FOPR240410DW915		<0.0000043	<0.000028
FOPR240410UW917		<0.0000041	<0.000027
FOPR240410DW916		<0.0000042	<0.000028
FOPR240411DW827	4/11/2024	<0.0000041	<0.000027
FOPR240411DW659		<0.0000043	<0.000029
FOPR240411DW915		<0.000004	<0.000027
FOPR240411UW917		<0.0000041	<0.000027
FOPR240411DW916		<0.0000041	<0.000027
FOPR240415UW827	4/15/2024	<0.0000042	<0.000028
FOPR240415DW659		<0.0000041	<0.000028
FOPR240415DW915		<0.0000041	<0.000027
FOPR240415DW917		<0.00000018	<0.0000012
FOPR240415DW916		<0.0000041	<0.000028
FOPR240416UW827	4/16/2024	<0.0000041	<0.000027
FOPR240416DW659		<0.0000047	<0.000031
FOPR240416DW915		<0.0000041	<0.000027
FOPR240416DW917		<0.0000043	0.00012
FOPR240416DW916		<0.0000043	<0.000028
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

4/3/2024



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						229	1.9
06:30-06:59	0.000		0.001	0.001		264	2.1
07:00-07:29	0.000	0.001	0.000	0.001	0.002	290	3.6
07:30-07:59	0.000	0.001	0.000	0.001	0.002	309	4.5
08:00-08:29	0.001	0.001	0.000	0.000	0.001	286	4.9
08:30-08:59	0.001	0.001	0.001	0.000	0.002	290	5.8
09:00-09:29	0.001	0.002	0.002	0.001	0.002	321	7.6
09:30-09:59	0.002	0.001	0.001	0.003	0.002	342	7.1
10:00-10:29	0.002	0.001	0.001	0.003	0.001	353	7.0
10:30-10:59	0.005	0.001	0.001	0.002	0.001	350	7.7
11:00-11:29	0.000	0.002	0.000	0.002	0.000	346	6.5
11:30-11:59	0.000	0.001	0.000	0.000	0.000	350	6.6
12:00-12:29	0.000	0.002	0.001	0.001	0.000	329	7.2
12:30-12:59	0.001	0.001	0.000	0.000	0.000	315	5.8
13:00-13:29	0.000	0.000	0.000	0.001	0.000	293	8.3
13:30-13:59	0.000	0.000	0.000	0.000	0.000	304	10.7
14:00-14:29	0.001	0.001	0.001	0.002	0.000	316	13.5
14:30-14:59	0.001	0.001	0.001	0.002	0.000	313	12.6
15:00-15:29	0.001	0.001	0.001	0.000	0.001	309	16.0
15:30-15:59	0.001	0.001	0.001	0.000	0.001	308	15.2
16:00-16:29	0.001	0.001	0.001	0.001	0.001	304	16.1
16:30-16:59						322	16.6
17:00-17:29						321	13.4
17:30-17:59						326	13.4
18:00-18:29						329	12.6
18:30-18:59						330	11.3
Daily Average	0.001	0.001	0.001	0.001	0.001	318	9.2

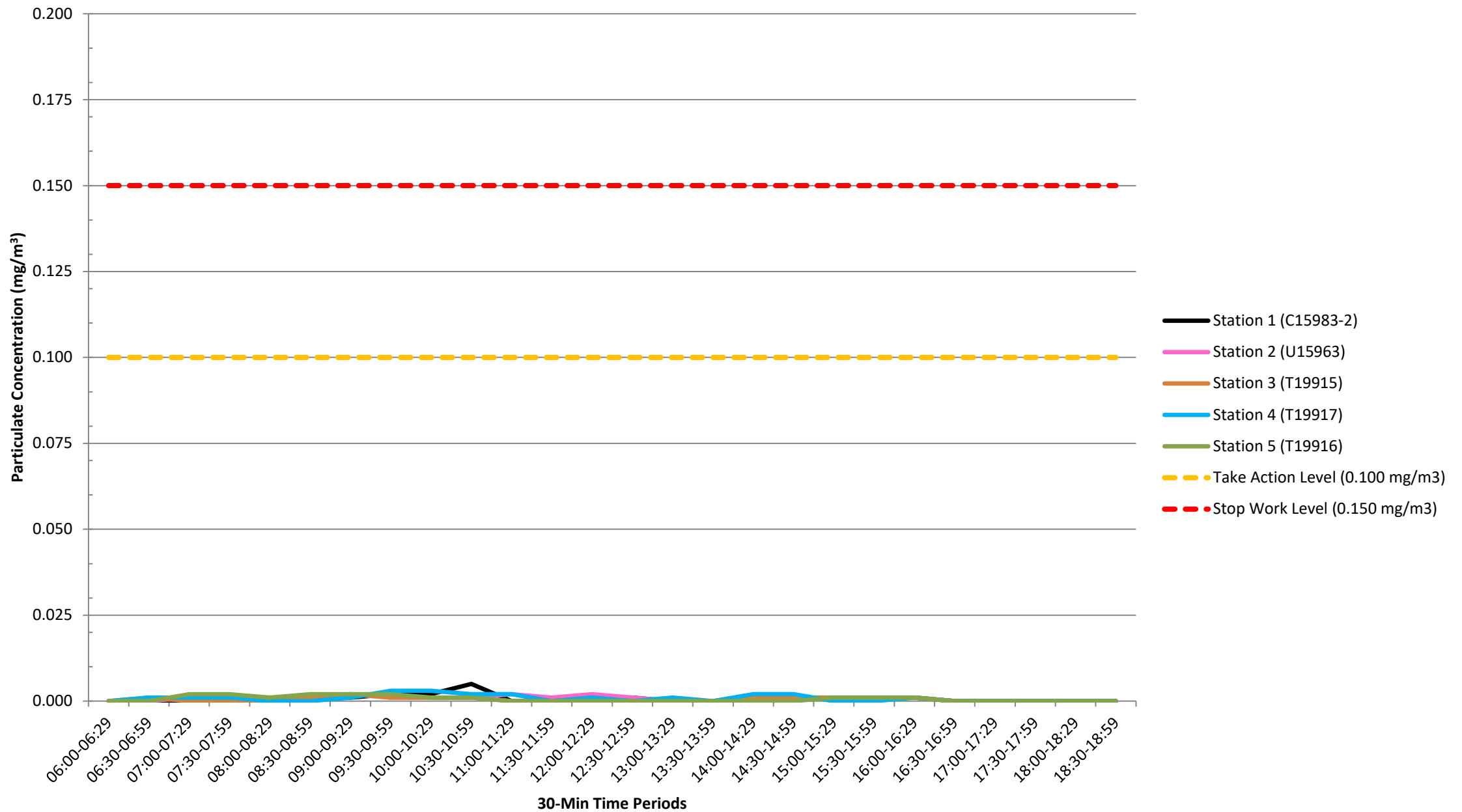
Notes:

- 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



4/3/2024



Daily Summary Report Table

(30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/9/2024

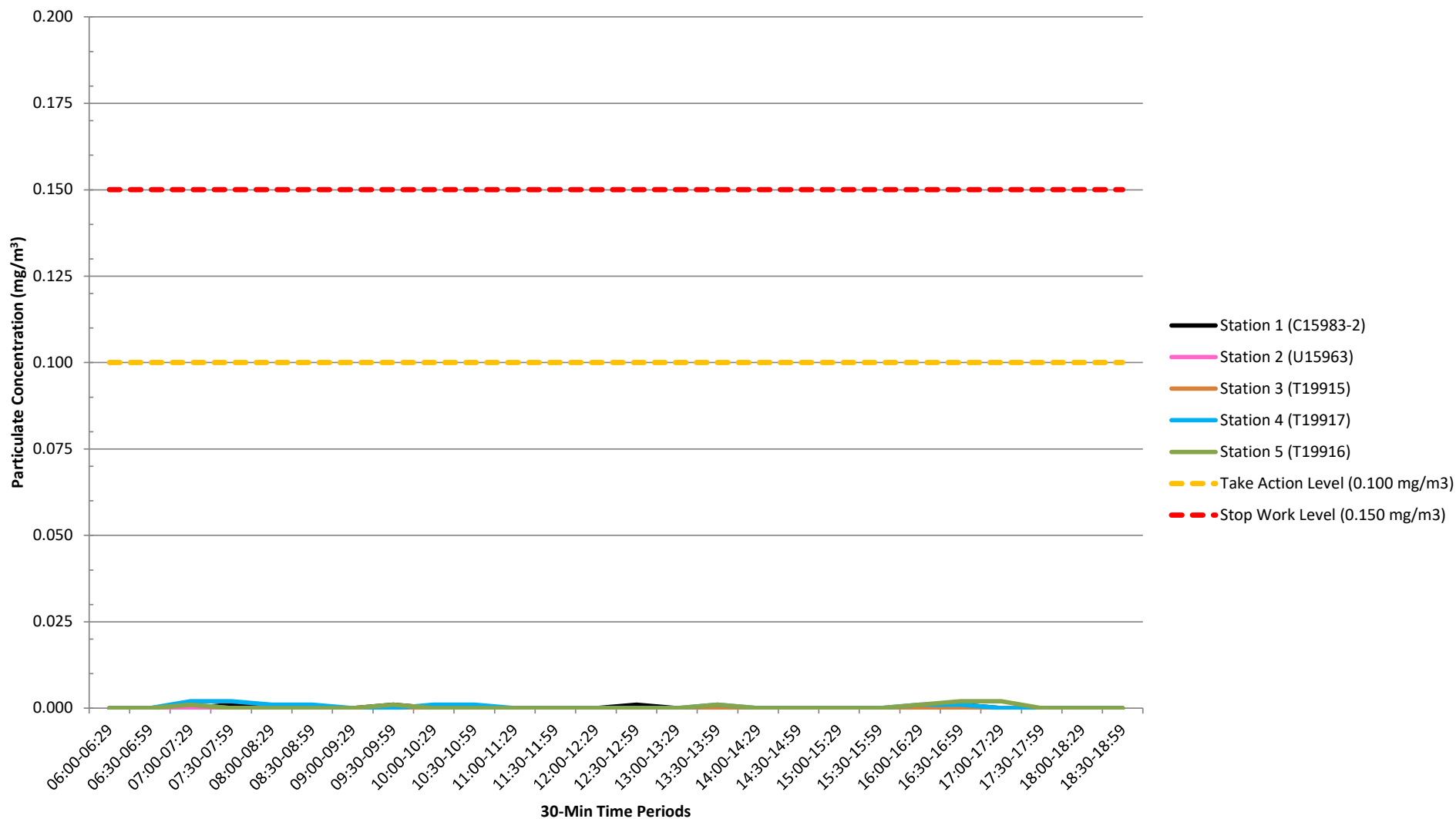


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						115	10.4
06:30-06:59				0.000	0.000	111	10.3
07:00-07:29	0.000		0.001	0.002	0.001	94	7.7
07:30-07:59	0.001	0.000	0.000	0.002	0.000	62	5.2
08:00-08:29	0.000	0.000	0.000	0.001	0.000	95	9.5
08:30-08:59	0.000	0.000	0.000	0.001	0.000	85	11.3
09:00-09:29	0.000	0.000	0.000	0.000	0.000	86	11.9
09:30-09:59	0.001	0.000	0.000	0.000	0.001	83	12.3
10:00-10:29	0.000	0.000	0.000	0.001	0.000	93	12.8
10:30-10:59	0.000	0.000	0.000	0.001	0.000	92	12.1
11:00-11:29	0.000	0.000	0.000	0.000	0.000	96	13.0
11:30-11:59	0.000	0.000	0.000	0.000	0.000	102	14.2
12:00-12:29	0.000	0.000	0.000	0.000	0.000	102	13.0
12:30-12:59	0.001	0.000	0.000	0.000	0.000	81	8.7
13:00-13:29	0.000	0.000	0.000	0.000	0.000	50	5.9
13:30-13:59	0.000	0.000	0.000	0.001	0.001	97	10.1
14:00-14:29	0.000	0.000	0.000	0.000	0.000	63	7.1
14:30-14:59	0.000	0.000	0.000	0.000	0.000	44	7.9
15:00-15:29	0.000	0.000	0.000	0.000	0.000	32	9.1
15:30-15:59	0.000	0.000	0.000	0.000	0.000	34	9.5
16:00-16:29	0.000	0.000	0.000	0.001	0.001	40	9.0
16:30-16:59	0.001	0.000	0.000	0.001	0.002	44	10.0
17:00-17:29	0.000				0.002	56	8.7
17:30-17:59						49	9.1
18:00-18:29						42	8.0
18:30-18:59						63	7.3
Daily Average	0.000	0.000	0.000	0.001	0.000	80	9.8

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
4/9/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/10/2024

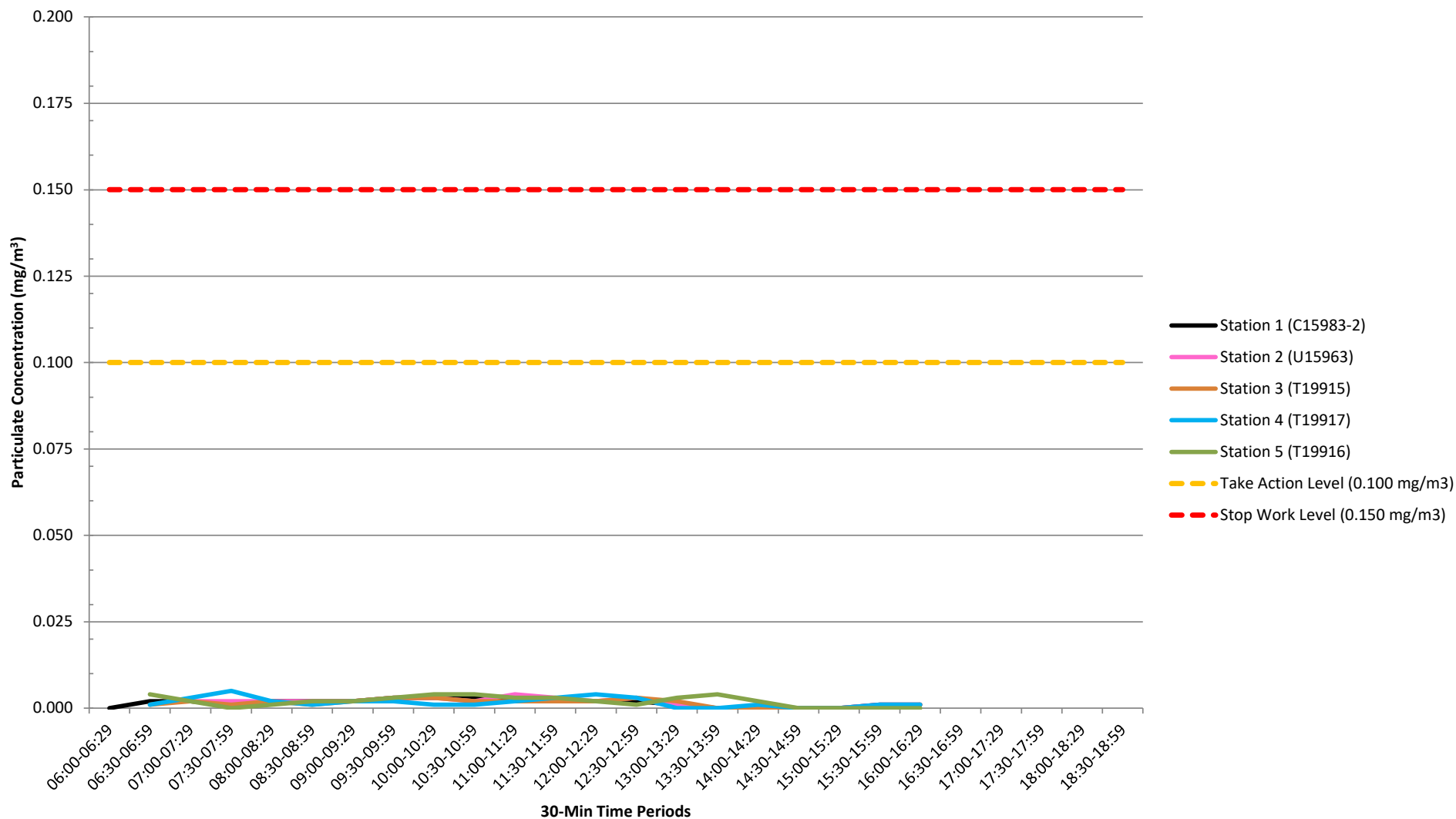


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29	0.000					109	4.5
06:30-06:59	0.002		0.001	0.001	0.004	76	2.1
07:00-07:29	0.002	0.002	0.002	0.003	0.002	359	3.5
07:30-07:59	0.001	0.002	0.001	0.005	0.000	0	4.8
08:00-08:29	0.002	0.002	0.002	0.002	0.001	355	5.0
08:30-08:59	0.002	0.002	0.001	0.001	0.002	20	3.7
09:00-09:29	0.002	0.002	0.002	0.002	0.002	51	5.3
09:30-09:59	0.003	0.003	0.003	0.002	0.003	26	5.9
10:00-10:29	0.003	0.003	0.003	0.001	0.004	53	5.1
10:30-10:59	0.003	0.002	0.002	0.001	0.004	308	5.1
11:00-11:29	0.002	0.004	0.002	0.002	0.003	307	5.7
11:30-11:59	0.002	0.003	0.002	0.003	0.003	310	7.6
12:00-12:29	0.002	0.002	0.002	0.004	0.002	322	7.7
12:30-12:59	0.002	0.003	0.003	0.003	0.001	305	11.8
13:00-13:29	0.001	0.001	0.002	0.000	0.003	288	14.9
13:30-13:59	0.000	0.000	0.000	0.000	0.004	300	13.5
14:00-14:29	0.000	0.000	0.000	0.001	0.002	300	11.2
14:30-14:59	0.000	0.000	0.000	0.000	0.000	326	12.0
15:00-15:29	0.000	0.000	0.000	0.000	0.000	337	11.8
15:30-15:59	0.001	0.001	0.000	0.001	0.000	337	14.3
16:00-16:29	0.001	0.001	0.001	0.001	0.000	333	17.5
16:30-16:59						344	14.0
17:00-17:29						341	12.6
17:30-17:59						334	11.3
18:00-18:29						338	10.6
18:30-18:59						326	9.4
Daily Average	0.001	0.002	0.001	0.002	0.002	332	8.9

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
4/10/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/11/2024

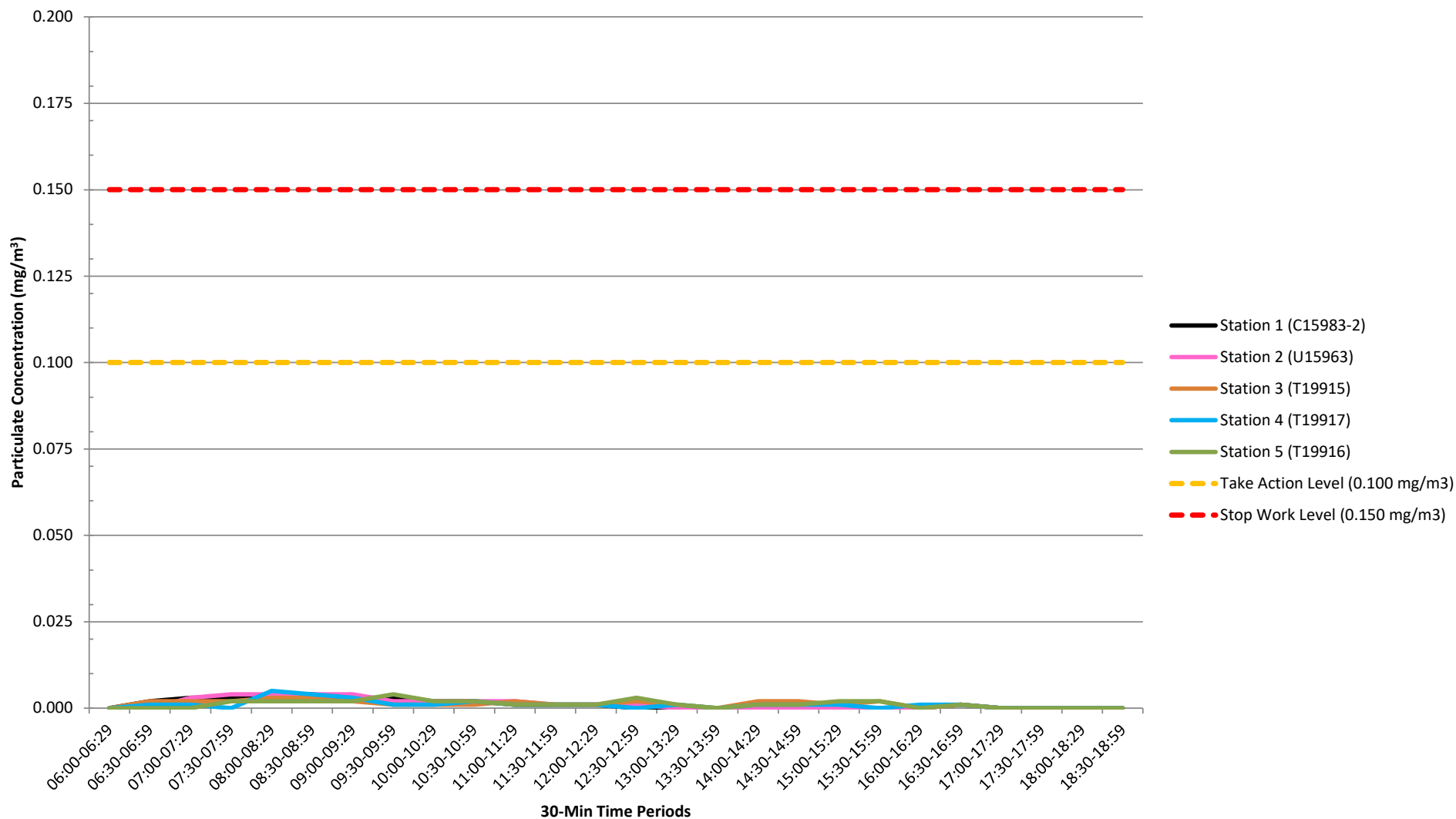


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29						267	2.3
06:30-06:59	0.002		0.002	0.001	0.000	251	1.4
07:00-07:29	0.003	0.003	0.002	0.001	0.000	281	1.9
07:30-07:59	0.003	0.004	0.002	0.000	0.002	261	1.4
08:00-08:29	0.004	0.004	0.003	0.005	0.002	295	4.7
08:30-08:59	0.004	0.004	0.003	0.004	0.002	326	6.3
09:00-09:29	0.003	0.004	0.002	0.003	0.002	346	8.3
09:30-09:59	0.003	0.002	0.001	0.001	0.004	352	8.1
10:00-10:29	0.002	0.002	0.001	0.001	0.002	353	9.5
10:30-10:59	0.002	0.002	0.001	0.002	0.002	347	10.3
11:00-11:29	0.001	0.002	0.002	0.001	0.001	346	10.5
11:30-11:59	0.001	0.001	0.001	0.001	0.001	347	10.5
12:00-12:29	0.001	0.001	0.001	0.001	0.001	337	10.8
12:30-12:59	0.000	0.001	0.002	0.000	0.003	330	11.9
13:00-13:29	0.000	0.000	0.001	0.001	0.001	326	12.9
13:30-13:59	0.000	0.000	0.000	0.000	0.000	318	12.2
14:00-14:29	0.000	0.000	0.002	0.001	0.001	313	12.1
14:30-14:59	0.000	0.000	0.002	0.001	0.001	312	12.3
15:00-15:29	0.000	0.000	0.001	0.001	0.002	312	13.4
15:30-15:59	0.000	0.000	0.002	0.000	0.002	314	15.3
16:00-16:29	0.000	0.000	0.000	0.001	0.000	311	13.1
16:30-16:59	0.001	0.001	0.001	0.001	0.001	312	12.3
17:00-17:29						309	11.9
17:30-17:59						305	10.3
18:00-18:29						313	9.4
18:30-18:59						307	9.1
Daily Average	0.001	0.002	0.002	0.001	0.001	318	9.3

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
4/11/2024



Daily Summary Report Table

(30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/12/2024

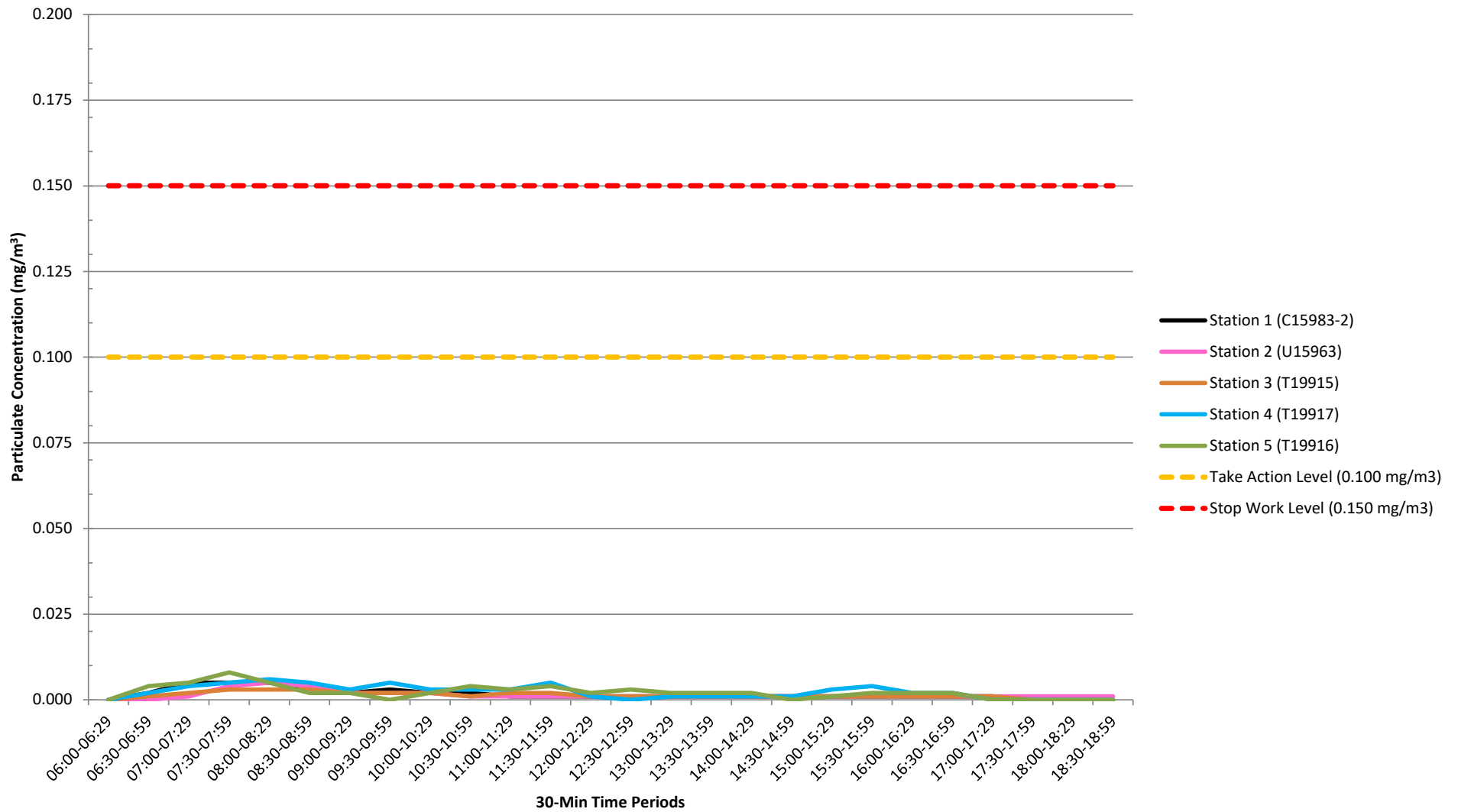


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29					0.000	97	2.4
06:30-06:59	0.002		0.001	0.002	0.004	107	3.1
07:00-07:29	0.005	0.001	0.002	0.004	0.005	104	3.2
07:30-07:59	0.005	0.004	0.003	0.005	0.008	106	2.8
08:00-08:29	0.005	0.005	0.003	0.006	0.005	131	2.3
08:30-08:59	0.003	0.004	0.003	0.005	0.002	149	3.6
09:00-09:29	0.002	0.002	0.002	0.003	0.002	161	7.3
09:30-09:59	0.003	0.002	0.002	0.005	0.000	176	8.2
10:00-10:29	0.002	0.002	0.002	0.003	0.002	178	7.2
10:30-10:59	0.002	0.001	0.001	0.003	0.004	185	8.3
11:00-11:29	0.001	0.001	0.002	0.003	0.003	181	8.5
11:30-11:59	0.001	0.001	0.002	0.005	0.004	190	8.1
12:00-12:29	0.001	0.001	0.001	0.001	0.002	196	8.1
12:30-12:59	0.001	0.001	0.001	0.000	0.003	180	7.4
13:00-13:29	0.001	0.001	0.001	0.001	0.002	179	7.8
13:30-13:59	0.001	0.001	0.001	0.001	0.002	188	8.8
14:00-14:29	0.001	0.001	0.001	0.001	0.002	193	9.7
14:30-14:59	0.001	0.001	0.001	0.001	0.000	190	10.1
15:00-15:29	0.001	0.001	0.001	0.003	0.001	188	10.5
15:30-15:59	0.001	0.001	0.001	0.004	0.002	178	7.9
16:00-16:29	0.001	0.001	0.001	0.002	0.002	190	8.8
16:30-16:59	0.001	0.001	0.001	0.002	0.002	178	8.0
17:00-17:29	0.001	0.001	0.001			186	10.6
17:30-17:59		0.001				182	9.7
18:00-18:29		0.001				179	10.5
18:30-18:59		0.001				178	9.4
Daily Average	0.002	0.002	0.002	0.003	0.003	170	7.4

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
4/12/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/13/2024

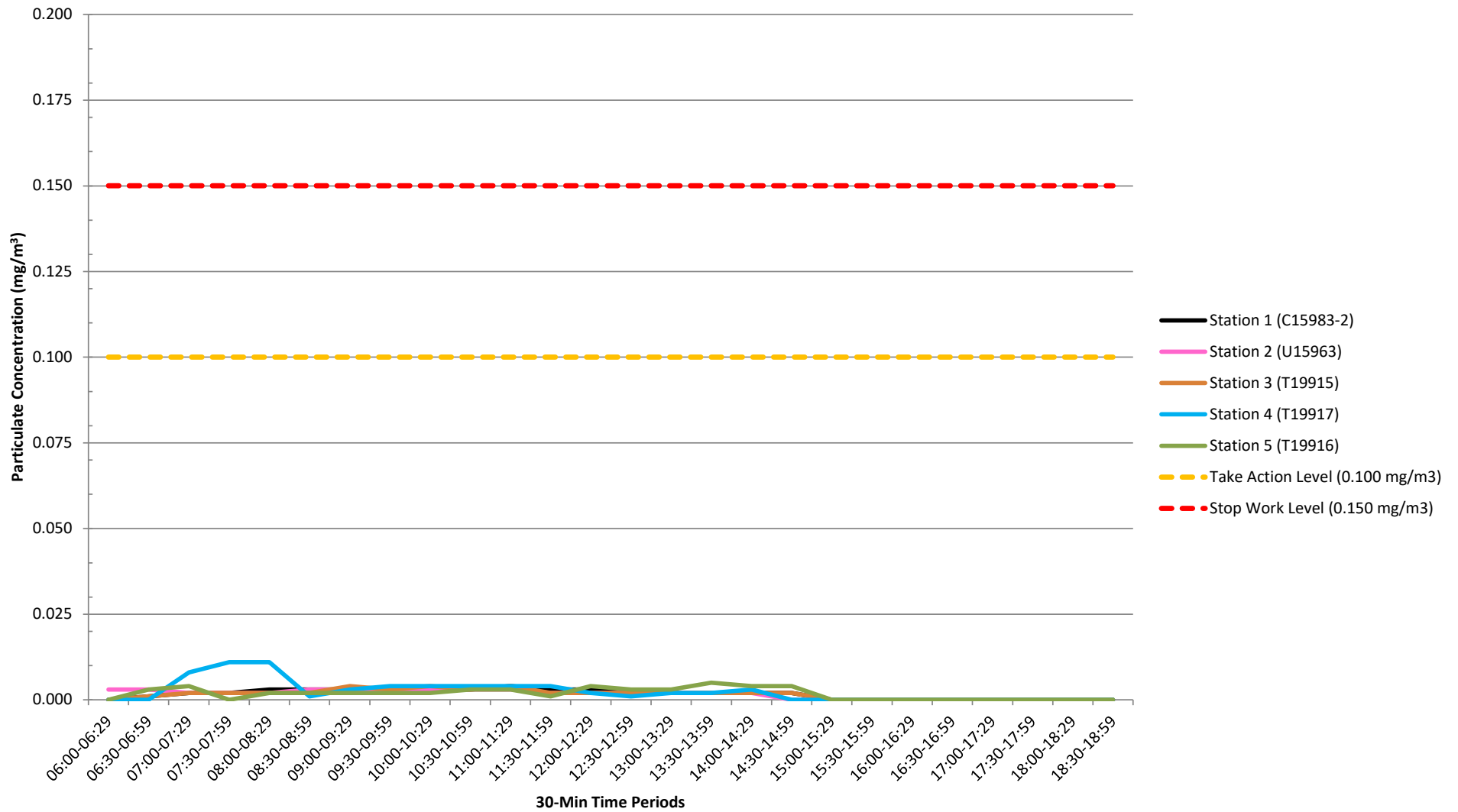


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29		0.003				172	8.0
06:30-06:59	0.001	0.003	0.001	0.000	0.003	173	8.6
07:00-07:29	0.002	0.002	0.002	0.008	0.004	178	9.0
07:30-07:59	0.002	0.002	0.002	0.011	0.000	180	9.5
08:00-08:29	0.003	0.002	0.002	0.011	0.002	180	10.4
08:30-08:59	0.003	0.003	0.002	0.001	0.002	180	10.3
09:00-09:29	0.003	0.003	0.004	0.003	0.002	183	10.7
09:30-09:59	0.003	0.003	0.003	0.004	0.002	185	12.4
10:00-10:29	0.003	0.003	0.004	0.004	0.002	182	12.1
10:30-10:59	0.003	0.003	0.003	0.004	0.003	188	11.3
11:00-11:29	0.004	0.003	0.004	0.004	0.003	190	15.0
11:30-11:59	0.003	0.002	0.002	0.004	0.001	187	13.5
12:00-12:29	0.003	0.002	0.002	0.002	0.004	188	12.8
12:30-12:59	0.002	0.002	0.002	0.001	0.003	179	11.9
13:00-13:29	0.002	0.002	0.002	0.002	0.003	176	12.7
13:30-13:59	0.002	0.002	0.002	0.002	0.005	172	14.6
14:00-14:29	0.002	0.002	0.002	0.003	0.004	182	13.4
14:30-14:59	0.002		0.002		0.004	176	13.3
15:00-15:29						179	14.4
15:30-15:59						176	14.8
16:00-16:29						185	13.7
16:30-16:59						189	12.5
17:00-17:29						172	12.1
17:30-17:59						171	13.9
18:00-18:29						178	11.5
18:30-18:59						170	11.1
Daily Average	0.003	0.002	0.002	0.004	0.003	176	12.1

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
4/13/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/15/2024

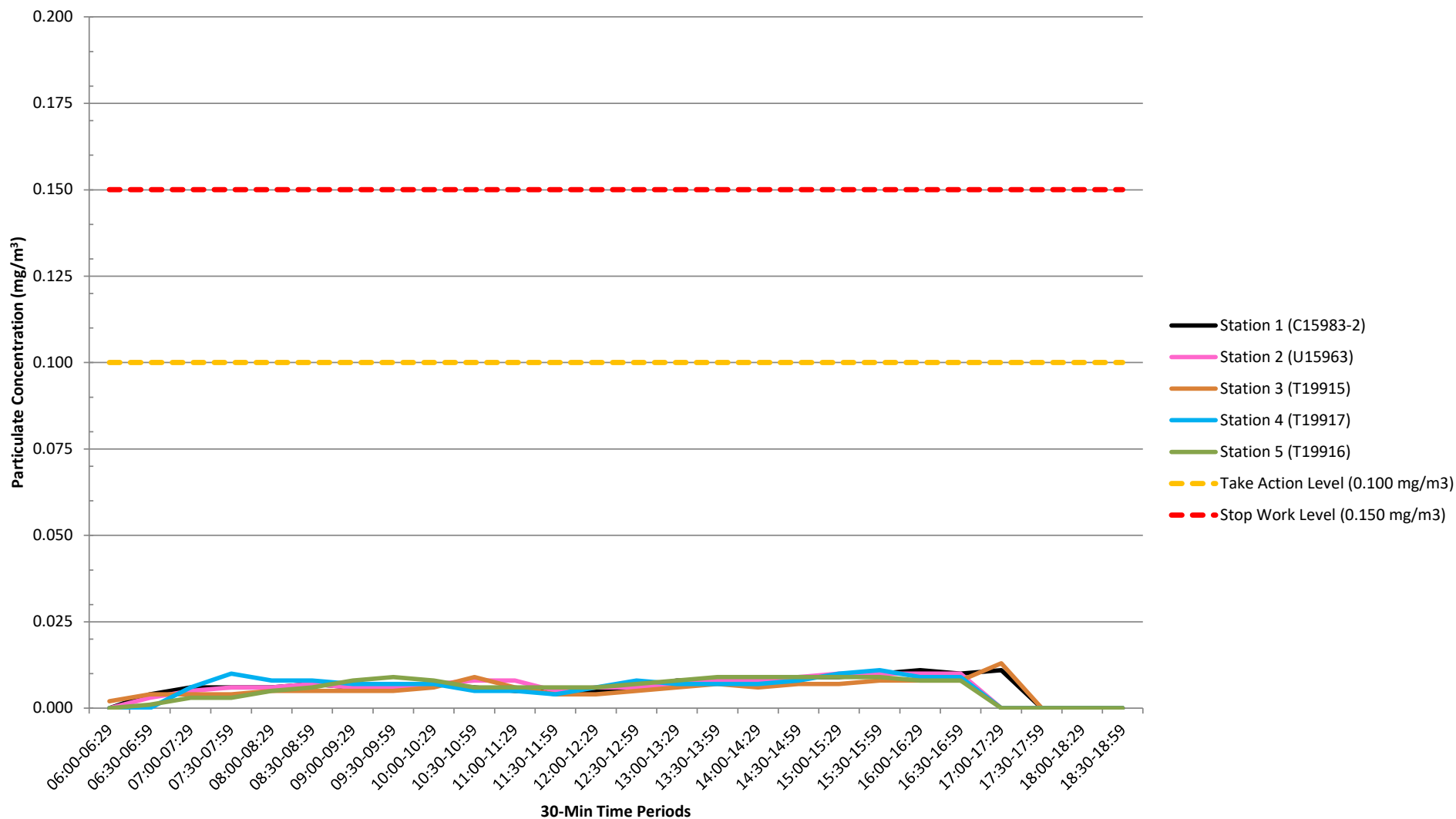


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29			0.002			177	9.9
06:30-06:59	0.004	0.003	0.004		0.001	179	10.8
07:00-07:29	0.006	0.005	0.004	0.006	0.003	182	10.5
07:30-07:59	0.006	0.006	0.004	0.010	0.003	177	10.2
08:00-08:29	0.006	0.006	0.005	0.008	0.005	177	10.6
08:30-08:59	0.007	0.007	0.005	0.008	0.006	165	8.5
09:00-09:29	0.006	0.006	0.005	0.007	0.008	164	8.4
09:30-09:59	0.006	0.006	0.005	0.007	0.009	151	9.2
10:00-10:29	0.007	0.007	0.006	0.007	0.008	173	8.5
10:30-10:59	0.006	0.008	0.009	0.005	0.006	171	8.6
11:00-11:29	0.005	0.008	0.006	0.005	0.006	176	9.0
11:30-11:59	0.005	0.005	0.004	0.004	0.006	165	9.0
12:00-12:29	0.005	0.006	0.004	0.006	0.006	143	14.2
12:30-12:59	0.006	0.006	0.005	0.008	0.007	164	11.1
13:00-13:29	0.008	0.007	0.006	0.007	0.008	169	10.9
13:30-13:59	0.008	0.008	0.007	0.007	0.009	163	9.9
14:00-14:29	0.008	0.008	0.006	0.007	0.009	156	10.1
14:30-14:59	0.009	0.009	0.007	0.008	0.009	151	10.2
15:00-15:29	0.009	0.010	0.007	0.010	0.009	164	11.0
15:30-15:59	0.010	0.010	0.008	0.011	0.009	162	9.3
16:00-16:29	0.011	0.010	0.008	0.009	0.008	142	11.4
16:30-16:59	0.010	0.010	0.008	0.009	0.008	130	11.5
17:00-17:29	0.011		0.013			137	12.3
17:30-17:59						139	13.3
18:00-18:29						147	9.6
18:30-18:59						141	9.7
Daily Average	0.007	0.007	0.006	0.007	0.007	159	10.3

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
4/15/2024



Daily Summary Report Table (30-Min Average Values)

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

Frisco CDC Site - Frisco, TX

4/16/2024

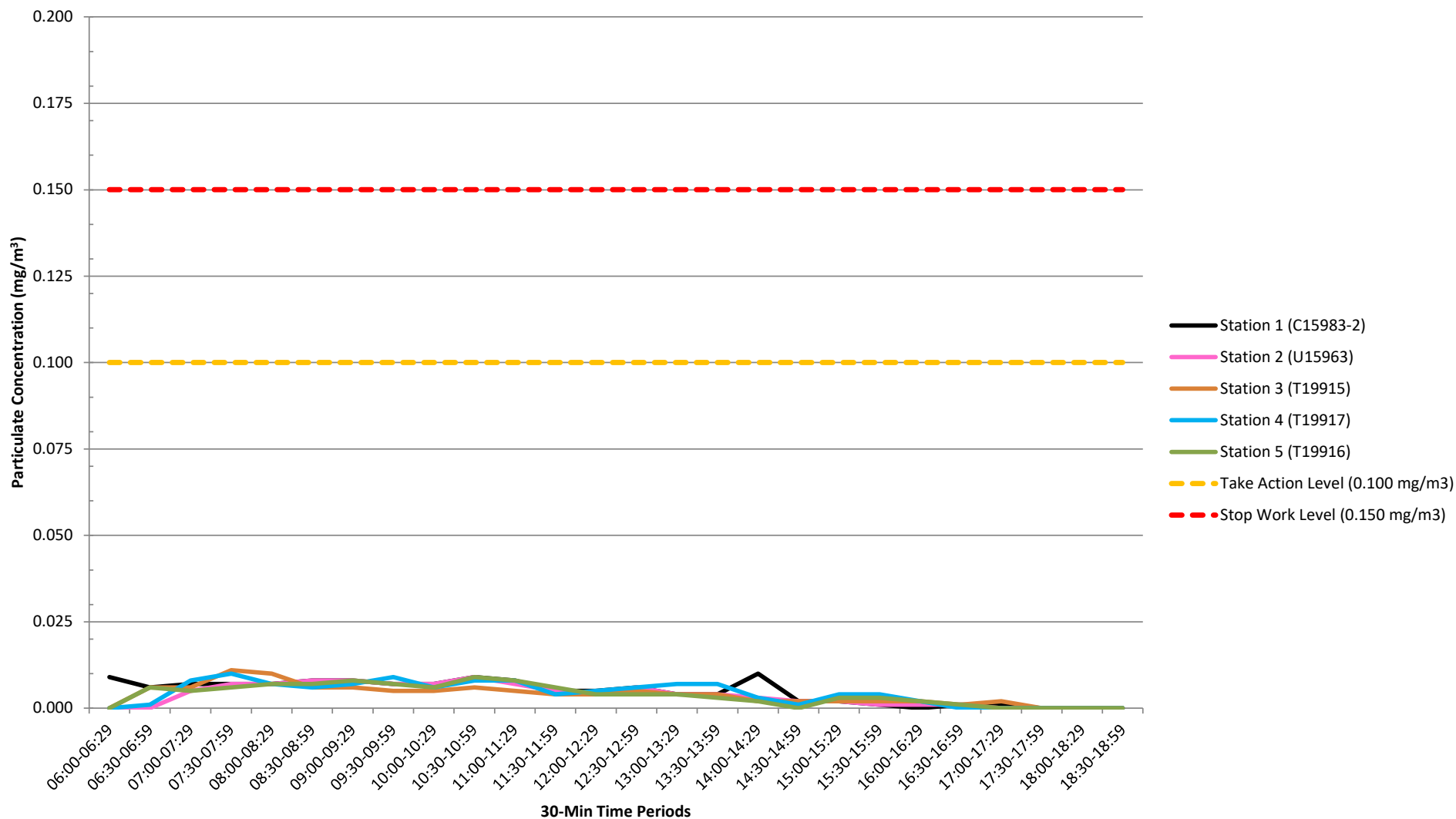


Time Interval (30-min)	Station 1 (C15983-2) (mg/m3)	Station 2 (U15963) (mg/m3)	Station 3 (T19915) (mg/m3)	Station 4 (T19917) (mg/m3)	Station 5 (T19916) (mg/m3)	Wind Direction (from N)	Wind Speed (mph)
06:00-06:29	0.009					164	12.6
06:30-06:59	0.006		0.006	0.001	0.006	172	12.2
07:00-07:29	0.007	0.005	0.006	0.008	0.005	174	13.8
07:30-07:59	0.007	0.007	0.011	0.010	0.006	176	13.9
08:00-08:29	0.007	0.007	0.010	0.007	0.007	180	12.2
08:30-08:59	0.008	0.008	0.006	0.006	0.007	201	8.5
09:00-09:29	0.008	0.008	0.006	0.007	0.008	187	9.3
09:30-09:59	0.007	0.007	0.005	0.009	0.007	189	10.3
10:00-10:29	0.007	0.007	0.005	0.006	0.006	187	10.7
10:30-10:59	0.009	0.009	0.006	0.008	0.009	196	10.4
11:00-11:29	0.008	0.007	0.005	0.008	0.008	204	9.9
11:30-11:59	0.005	0.005	0.004	0.004	0.006	203	9.0
12:00-12:29	0.005	0.004	0.004	0.005	0.004	215	7.5
12:30-12:59	0.006	0.006	0.005	0.006	0.004	215	7.3
13:00-13:29	0.004	0.004	0.004	0.007	0.004	232	7.7
13:30-13:59	0.004	0.004	0.004	0.007	0.003	237	7.1
14:00-14:29	0.010	0.003	0.002	0.003	0.002	247	8.6
14:30-14:59	0.002	0.002	0.002	0.001	0.000	234	7.4
15:00-15:29	0.002	0.002	0.002	0.004	0.003	209	8.2
15:30-15:59	0.001	0.001	0.002	0.004	0.003	211	6.3
16:00-16:29	0.000	0.001	0.002	0.002	0.002	209	7.0
16:30-16:59	0.001	0.001	0.001	0.000	0.001	225	6.4
17:00-17:29	0.001		0.002			197	6.9
17:30-17:59						193	7.4
18:00-18:29						192	6.4
18:30-18:59						185	7.6
Daily Average	0.005	0.005	0.005	0.005	0.005	183	9.0

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
4/16/2024



ATTACHMENT B

Air Monitoring Laboratory Analytical Reports and Data Usability Summary

Data Usability Summary

To:	Catherine Mear	Date:	April 19, 2024
From:	William Stursberg	File:	Frisco 2024.04.09-04.16 Air Monitoring DUS
RE:	Review of April Air Monitoring Data	CC:	

WSP USA Inc (WSP) reviewed four laboratory report from ALS Environmental (Salt Lake City, Utah) providing the analytical results for air monitoring samples collected April 9 through April 16, 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
FOPR240409UW827	2410166001	X	
FOPR240409DW659	2410166002	X	
FOPR240409DW915	2410166003	X	
FOPR240409DW917	2410166004	X	
FOPR240409DW916	2410166005	X	
FOPR240409FB	2410166006	X	Field Blank
FOPR240410DW827	2410268001	X	
FOPR240410DW659	2410268002	X	
FOPR240410DW915	2410268003	X	
FOPR240410UW917	2410268004	X	
FOPR240410DW916	2410268005	X	
FOPR240411DW827	2410367001	X	
FOPR240411DW659	2410367003	X	
FOPR240411UW917	2410367004	X	
FOPR240411DW916	2410367005	X	
FOPR240415UW827	2410747001	X	
FOPR240415DW659	2410747002	X	
FOPR240415DW915	2410747003	X	
FOPR240415DW917	2410747004	X	
FOPR240415DW916	2410747005	X	
FOPR240415FB	2410747006	X	Field Blank
FOPR240416UW827	2410863001	X	
FOPR240416DW659	2410863002	X	
FOPR240416DW915	2410863003	X	
FOPR240416DW917	2410863004	X	
FOPR240416DW916	2410863005	X	



ANALYTICAL REPORT

Report Date: April 11, 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: **34-2410166**

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

Analytical Results

Sample ID: FOPR240409UW827		Collected: 04/09/2024		
Lab ID: 2410166001		Received: 04/10/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5382 L		Prepared: 04/10/2024 (316546)		
		Analyzed: 04/11/2024 (316591)		
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: FOPR240409DW659		Collected: 04/09/2024	
Lab ID: 2410166002		Received: 04/10/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP13	
Sampling Parameter: Air Volume 4900 L		Prepared: 04/10/2024 (316546)	
		Analyzed: 04/11/2024 (316591)	

Sample ID: FOPR240409DW915		Collected: 04/09/2024	
Lab ID: 2410166003		Received: 04/10/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP13	
Sampling Parameter: Air Volume 5074 L		Prepared: 04/10/2024 (316546)	
		Analyzed: 04/11/2024 (316591)	



ANALYTICAL REPORT

Workorder: **34-2410166**

Client Project ID: Frisco Development Corporation

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240409DW917		Collected: 04/09/2024		
Lab ID: 2410166004		Received: 04/10/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5439 L		Prepared: 04/10/2024 (316546)		
		Analyzed: 04/11/2024 (316591)		
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	<0.028	0.15	0.50

Sample ID: FOPR240409DW916		Collected: 04/09/2024		
Lab ID: 2410166005		Received: 04/10/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5515 L		Prepared: 04/10/2024 (316546)		
		Analyzed: 04/11/2024 (316591)		
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: FOPR240409FB		Collected: 04/09/2024		
Lab ID: 2410166006		Received: 04/10/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 0 L		Prepared: 04/10/2024 (316546)		
		Analyzed: 04/11/2024 (316591)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	NA	0.023	0.075
Lead	<0.15	NA	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 (316591)	/S/ Ethan Hamilton 04/11/2024 14:11	/S/ Kristie F. Bitner 04/11/2024 14:58

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: **34-2410166**

Client Project ID: Frisco Development Corporation

Purchase Order: 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.



ANALYTICAL REPORT

Report Date: April 16, 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: **34-2410268**

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

Analytical Results

Sample ID: FOPR240410DW827		Collected: 04/10/2024	
Lab ID: 2410268001		Received: 04/11/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP14	
Sampling Parameter: Air Volume 4907 L		Prepared: 04/12/2024 (316622)	
		Analyzed: 04/16/2024 (316715)	

Sample ID: FOPR240410DW659		Collected: 04/10/2024		
Lab ID: 2410268002		Received: 04/11/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 4910 L		Prepared: 04/12/2024 (316622)		
		Analyzed: 04/16/2024 (316715)		
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: FOPR240410DW915		Collected: 04/10/2024	
Lab ID: 2410268003		Received: 04/11/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP14	
Sampling Parameter: Air Volume 5274 L		Prepared: 04/12/2024 (316622)	
		Analyzed: 04/16/2024 (316715)	



ANALYTICAL REPORT

Workorder: **34-2410268**

Client Project ID: Frisco Development Corporation

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240410UW917		Collected: 04/10/2024		
Lab ID: 2410268004		Received: 04/11/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5464 L		Prepared: 04/12/2024 (316622)		
		Analyzed: 04/16/2024 (316715)		
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: FOPR240410DW916		Collected: 04/10/2024		
Lab ID: 2410268005		Received: 04/11/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5341 L		Prepared: 04/12/2024 (316622)		
		Analyzed: 04/16/2024 (316715)		
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 (316715)	/S/ Joanna C. Sanchez 04/16/2024 13:56	/S/ Ethan Hamilton 04/16/2024 14:37

Laboratory Contact Information

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960 W Levoy Drive
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Web: www.alsglobal.com/slt



ANALYTICAL REPORT

Workorder: **34-2410268**

Client Project ID: Frisco Development Corporation

Purchase Order: 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.

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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.



ANALYTICAL REPORT

Report Date: April 16, 2024

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Remediation Services, Inc.
P.O. Box 587
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Workorder: **34-2410367**

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

Analytical Results

Sample ID: FOPR240411DW827		Collected: 04/11/2024	
Lab ID: 2410367001		Received: 04/12/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP14	
Sampling Parameter: Air Volume 5492 L		Prepared: 04/12/2024 (316622)	
		Analyzed: 04/16/2024 (316715)	

Sample ID: FOPR240411DW659		Collected: 04/11/2024		
Lab ID: 2410367002		Received: 04/12/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5181 L		Prepared: 04/12/2024 (316622)		
		Analyzed: 04/16/2024 (316715)		
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: FOPR240411DW915		Collected: 04/11/2024		
Lab ID: 2410367003		Received: 04/12/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5587 L		Prepared: 04/12/2024 (316622)		
		Analyzed: 04/16/2024 (316715)		
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



ANALYTICAL REPORT

Workorder: **34-2410367**

Client Project ID: Frisco Development Corporation

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240411UW917		Collected: 04/11/2024		
Lab ID: 2410367004		Received: 04/12/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5519 L		Prepared: 04/12/2024 (316622)		
		Analyzed: 04/16/2024 (316715)		
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: FOPR240411DW916		Collected: 04/11/2024		
Lab ID: 2410367005		Received: 04/12/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5522 L		Prepared: 04/12/2024 (316622)		
		Analyzed: 04/16/2024 (316715)		
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

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

Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (316715)	/S/ Joanna C. Sanchez 04/16/2024 13:56	/S/ Ethan Hamilton 04/16/2024 14:37

Laboratory Contact Information

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ANALYTICAL REPORT

Workorder: **34-2410367**

Client Project ID: Frisco Development Corporation

Purchase Order: 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: April 19, 2024

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Remediation Services, Inc.
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2735 South 10th Street
Independence, KS 67301

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

Workorder: **34-2410747**

Client Project ID: Frisco Developement Corporatin
Purchase Order: 22382
Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240415UW827		Collected: 04/15/2024	
Lab ID: 2410747001		Received: 04/16/2024	
Sampling Location: Frisco Developement			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP13	
Sampling Parameter: Air Volume 5376 L		Prepared: 04/17/2024 (316757)	
		Analyzed: 04/18/2024 (316814)	

Sample ID: FOPR240415DW659		Collected: 04/15/2024		
Lab ID: 2410747002		Received: 04/16/2024		
Sampling Location: Frisco Developement				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5433 L		Prepared: 04/17/2024 (316757)		
		Analyzed: 04/18/2024 (316814)		
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	<0.028	0.15	0.50

Sample ID: FOPR240415DW915		Collected: 04/15/2024	
Lab ID: 2410747003		Received: 04/16/2024	
Sampling Location: Frisco Developement			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP13	
Sampling Parameter: Air Volume 5511 L		Prepared: 04/17/2024 (316757)	
		Analyzed: 04/18/2024 (316814)	



ANALYTICAL REPORT

Workorder: **34-2410747**

Client Project ID: Frisco Developement Corporatin

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240415DW917		Collected: 04/15/2024		
Lab ID: 2410747004		Received: 04/16/2024		
Sampling Location: Frisco Developement				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5075 L		Prepared: 04/17/2024 (316776)		
		Analyzed: 04/18/2024 (316814)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.00090	<0.00018	0.00090	0.0030
Lead	<0.0060	<0.0012	0.0060	0.020

Sample ID: FOPR240415DW916		Collected: 04/15/2024		
Lab ID: 2410747005		Received: 04/16/2024		
Sampling Location: Frisco Developement				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 5427 L		Prepared: 04/17/2024 (316757)		
		Analyzed: 04/18/2024 (316814)		
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	<0.028	0.15	0.50

Sample ID: FOPR240415FB		Collected: 04/15/2024		
Lab ID: 2410747006		Received: 04/16/2024		
Sampling Location: Frisco Developement				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP13		
Sampling Parameter: Air Volume 0 L		Prepared: 04/17/2024 (316757)		
		Analyzed: 04/18/2024 (316814)		
Analyte	Result (ug/sample)	Result (ug/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: 316776)

Backup pad digested along with the submitted MCE filter due to dust staining on the backup pad. LMB 854792, LCS 854793, LCSD 854794, and RLVS 854795 were also prepared with backup pads and MCE filters.

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

Method (Analysis Batch)	Analyst	Peer Review
NIOSH 7300 Mod., MCE (316814)	/S/ Ethan Hamilton 04/18/2024 17:26	/S/ Kristie F. Bitner 04/19/2024 09:32

Laboratory Contact Information

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ANALYTICAL REPORT

Workorder: **34-2410747**

Client Project ID: Frisco Developement Corporatin

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

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ANALYTICAL REPORT

Report Date: April 18, 2024

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Workorder: **34-2410863**

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

Analytical Results

Sample ID: FOPR240416UW827		Collected: 04/16/2024	
Lab ID: 2410863001		Received: 04/17/2024	
Sampling Location: Soil Remediation			
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter	
Dilution: 1		Instrument: ICP14	
Sampling Parameter: Air Volume 5508 L		Prepared: 04/17/2024 (316763)	
		Analyzed: 04/18/2024 (316801)	

Sample ID: FOPR240416DW659		Collected: 04/16/2024		
Lab ID: 2410863002		Received: 04/17/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 4835 L		Prepared: 04/17/2024 (316763)		
		Analyzed: 04/18/2024 (316801)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0047	0.023	0.075
Lead	<0.15	<0.031	0.15	0.50

Sample ID: FOPR240416DW915		Collected: 04/16/2024		
Lab ID: 2410863003		Received: 04/17/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5490 L		Prepared: 04/17/2024 (316763)		
		Analyzed: 04/18/2024 (316801)		
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: **34-2410863**

Client Project ID: Frisco Development Corporation

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

Analytical Results

Sample ID: FOPR240416DW917		Collected: 04/16/2024		
Lab ID: 2410863004		Received: 04/17/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5218 L		Prepared: 04/17/2024 (316763)		
		Analyzed: 04/18/2024 (316801)		
Analyte	Result (ug/sample)	Result (ug/m³)	LOD (ug/sample)	RL (ug/sample)
Cadmium	<0.023	<0.0043	0.023	0.075
Lead	0.62	0.12	0.15	0.50

Sample ID: FOPR240416DW916		Collected: 04/16/2024		
Lab ID: 2410863005		Received: 04/17/2024		
Sampling Location: Soil Remediation				
Method: NIOSH 7300 Mod., MCE		Media: MCE Filter		
Dilution: 1		Instrument: ICP14		
Sampling Parameter: Air Volume 5264 L		Prepared: 04/17/2024 (316763)		
		Analyzed: 04/18/2024 (316801)		
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	<0.028	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 (316801)	/S/ Joanna C. Sanchez 04/18/2024 13:56	/S/ Ethan Hamilton 04/18/2024 14:57

Laboratory Contact Information

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ANALYTICAL REPORT

Workorder: **34-2410863**

Client Project ID: Frisco Development Corporation

Purchase Order: 22382

Project Manager: Jessica Cofrancesco

General Lab Comments

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