September 7, 2022

Andrew Day
Source Renewables
545 Steamboat Road
Greenwich, CT 06830

RE: Post Subsurface Investigation Report
NYSDEC Site #915047 – Republic Steel (LVT)/Marilla St. Landfill
Steelfields Solar Site
102 Marilla Street
Buffalo, New York
LaBella Project No. 2191567.17

Dear Mr. Day:

LaBella Associates, D.P.C. ("LaBella") completed a Subsurface Investigation (SI) on August 4, 2022, in support of the Steelfields Solar Array project located at 102 Marilla Street in the City of Buffalo, Erie County, New York, hereinafter referred to as the "Site". The SI was performed in general conformance with the scope of work outlined in LaBella's Subsurface Investigation Work Plan, dated August 4, 2022.

INTRODUCTION

The Site is the Former Republic Steel (LTV) and Marilla Street Landfill, which accepted slag, blast furnace dust, oxygen furnace dust, clarifier sludge, precipitator dust, railroad ties, construction and demolition (C&D) waste and waste oils and acids from 1930 until 1981. The Site has been properly closed, capped, and is monitored on an annual basis.

Source Renewables is currently developing a design to construct a solar array on the landfill cap at the Site. As part of this design, National Grid is set to install utility poles at the Site, outside of the landfill cap, as part of interconnection activities. Prior to utility pole installation, Source Renewables must confirm that the landfill waste is not present in the area where the utility pole installation is planned. The goal of this subsurface investigation was to confirm that waste consistent with the old Republic Steel (LTV)/Marilla Street Landfill is not present within the proposed utility pole installation area.

FIELD INVESTIGATION

On August 4, 2022, ten soil borings were advanced along the eastern border of the landfill, between the landfill and the east adjacent railroad track, designated as SB-01 through SB-10. Soil boring locations are depicted on the attached Figure. The soil borings were advanced to depths of 6-8 feet below the ground surface (ft. bgs). Non-native materials at the Site consisted of topsoil and urban-type fill (sand, gravel, masonry), ranging in depth from 0.2 to 8-ft. bgs in each of the ten soil borings advanced. Native soils at the Site consisted of brown till plain deposits (clayey silts) at depth ranging from 4 to 8-ft bgs. Weathered shale bedrock appeared to be within one soil boring (SB-02) at a depth of 6-ft. bgs. Black sand was identified in two of the soil borings (SB-05 and SB-06) between 3 to up to 8-ft bgs and 4 and 6 ft bgs, respectively. Photoionization detector (PID) readings above background [0.0 parts per million (ppm)] were not observed within any of soil borings. No evidence of impairment (i.e., staining, odors, sheen) were observed in any of the other boring locations. Field logs are included in Attachment 1.

COMMUNITY AIR MONITORING PLAN (CAMP)

Community Air Monitoring was conducted during the investigation work as indicated in the Subsurface Investigation Work Plan and in the New York State Department of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10) Appendix 1A New York State Department of Health

(NYSDOH) Generic Community Air Monitoring Plan (CAMP). No CAMP monitoring action levels were exceeded during the investigation work. The attached Figure indicate the locations of the upwind and downwind dust track monitors. The dust track data is included in Attachment 2.

CONCLUSIONS & RECOMMENDATIONS

In summary, ten soil borings were advanced along the east boundary of the landfill to investigation potential utility pole locations. No elevated PID readings or evidence of impairment were observed in the soil borings advanced. A layer of black sand was observed in two of the ten soils borings (SB-05 and SB-06). Although no elevated PID readings or evidence of impairment was observed associated with the black sand, this material is potentially associated with the industrial wastes accepted at the landfill. Based on the findings of this investigation, the majority of the area investigated appears free of industrial wastes associated with the landfill.

It is recommended that the utility poles be positioned outside the areas of SB-05 and SB-06 to avoid any areas of potential waste. The utility poles should be placed to the northwest or southeast of SB-05 and SB-06 within the investigation area.

We appreciate the opportunity to serve your professional environmental engineering needs. If you have any questions, please do not hesitate to contact me.

Sincerely,

Andrew Benkleman
Project Manager
Environmental Professional

Andrew Koons
Geologist
Environmental Professional

LaBella
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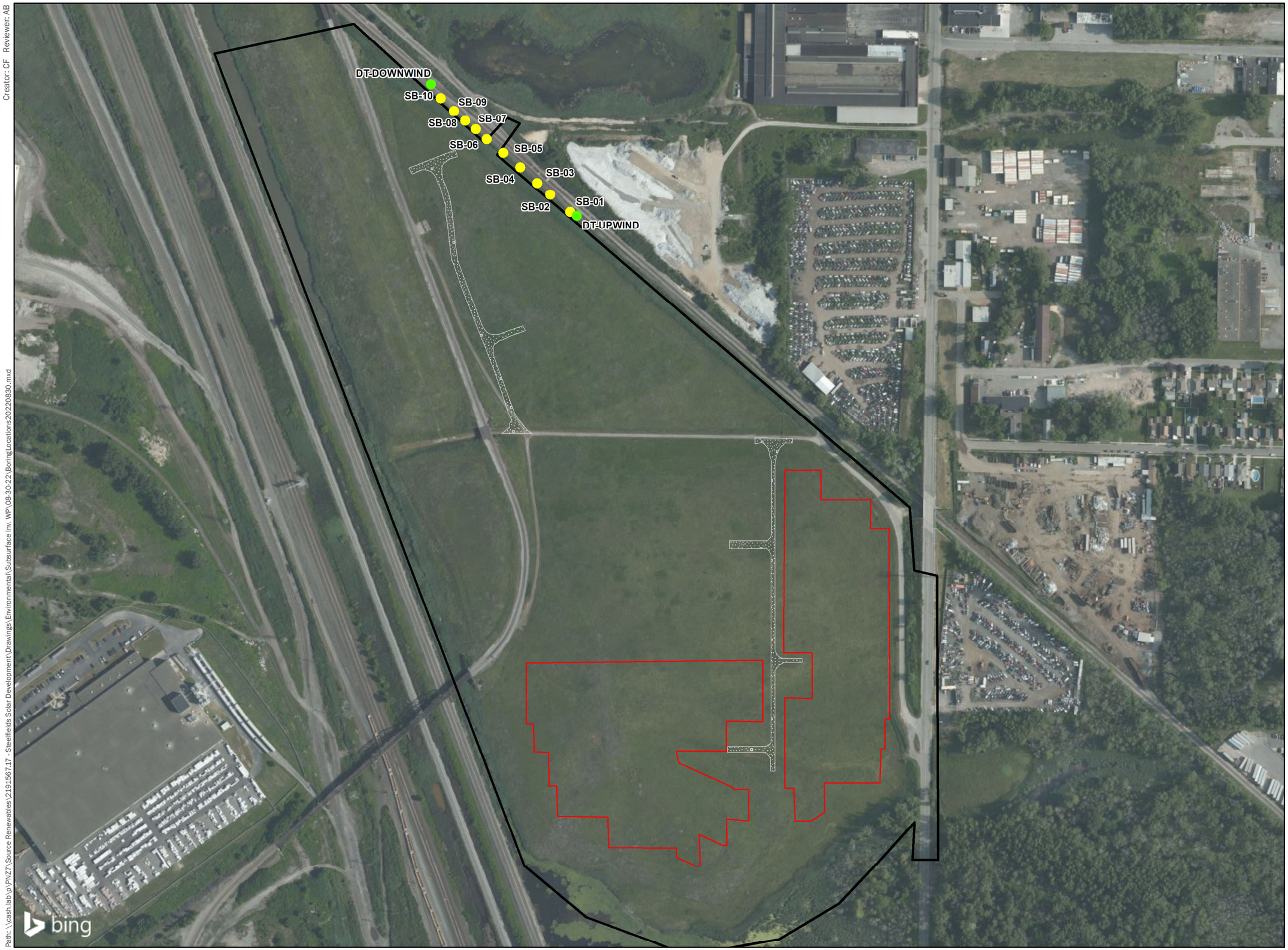
FIGURE



Creator: CF Reviewer: AB

Path: \\cash.lab.lp\PNZ7\Source Renewables\2191567.17 - Steelfields Solar Development\Drawings\Environmental\Subsurface Inv. WP\08-30-22\BoringLocations20220830.mxd

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Source Renewables

Subsurface Investigation of Landfill Cap

Steelfields Solar
City of Buffalo, NY

N

0 150 300 Feet

1 in = 300 feet

Legend

- Array Boundary
- Dust Traker
- Soil Boring
- Property Line
- Access Road

Sources:
1. Array, Boring Locations, and Access Road: Created by LaBella using information provided by the client. 2022.
2. Basemap. Bing, Microsoft Corporation. 2008.

Boring Locations

LaBella Project No: 2191567.17
Date: August 2022

ATTACHMENT 1

Field Logs

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300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 01
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	25"	0-5'		0-0.4': Topsoil 0.4-8.0': Brown & Black SAND and GRAVEL with trace masonry (FILL)	0 ppm	Wet @~1.5'
5	10"	5-8'			0 ppm	
8				Boring Terminated at 8.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

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ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 02
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR: LaBella Env. LLC
DRILLER: M. Tervett
LABELLA REPRESENTATIVE: A. Koons
BORING LOCATION:
GROUND SURFACE ELEVATION NA
START DATE:
TIME: ___ TO ___
DATUM: NA
WEATHER:

TYPE OF DRILL RIG: Geoprobe 6620
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				0-0.2': Topsoil		
1				0.-2- 6.0': Brown & Black SAND with some gravel		Wet @~0.5'
2	30"	0-5'			0 ppm	
3						
4						
5	10"	5-6'			0 ppm	
6				Boring Terminated at 6.0'		Weatered bedrock in tip
7				Equipment Refusal		of core (SHALE)
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

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BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

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PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 03
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				0-0.2': Topsoil		
1				0.2-4.0': Brown & Black SAND and GRAVEL with some masonry (FILL)		Wet @~0.5'
2	20"	0-5'			0 ppm	
3						
4				4.0-8.0': Gray & Brown Clayey SILT with little sand and gravel		
5						
6	15"	5-8'			0 ppm	
7						
8				Boring Terminated at 8.0'		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

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PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 04
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				0-0.3': Topsoil		
1				0.3-7.0': Brown & Black SAND and GRAVEL with some masonry (FILL)		Wet @~0.5'
2	20"	0-5'			0 ppm	
3						
4						
5						
6	15"	5-8'			0 ppm	
7				7.0-8.0': Gray & Brown Clayey Silt with some sand and gravel		
8				Boring Terminated at 8.0'		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

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PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 05
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				0-0.2': Topsoil		
1				0.2-3.0': Gray & Black GRAVEL with some sand (FILL)		Wet @~0.5'
2	25"	0-5'			0 ppm	
3				3.0-8.0': Black SAND, trace gravel (FILL)		
4						
5						
6	0" No Recovery	5-8'			0 ppm	
7						
8				Boring Terminated at 8.0'		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

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PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 06
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE: A. Koons		START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	30"	0-5'		0-0.4': Topsoil 0.4-4.0': Brown & Black SAND with some gravel (FILL)	0 ppm	Wet @~0.5'
1						
2						
3						
4				4.0-6.0': Black SAND with trace gravel (FILL)		
5	25"	5-8'			0 ppm	
6				6.0-8.0': Gray & Brown Silty CLAY with little sand		
7						
8				Boring Terminated at 8.0'		
9						
10						
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12						
13						
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15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

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Steelfields Solar Site - Subsurface Investigation

BORING: SB - 07
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				0-0.3': Topsoil		
1				0.3-7.0': Brown & Black SAND and GRAVEL with some masonry (FILL)		Wet @~0.5'
2	18"	0-5'			0 ppm	
3						
4						
5						
6	8"	5-8'			0 ppm	
7				7.0-8.0': Gray & Brown Clayey SILT with little sand and gravel organic seam @ 7.5'		
8				Boring Terminated at 8.0'		
9						
10						
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18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

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ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 08
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE: A. Koons		START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				0-0.2': Topsoil		
1				0.2-7.0': Brown & Black SAND with some gravel (FILL)		Wet @~0.5'
2	30"	0-5'			0 ppm	
3						
4						
5						
6	12"	5-8'			0 ppm	
7				7.0-8.0': Gray & Brown Silty CLAY with little sand and gravel		
8				Boring Terminated at 8.0'		
9						
10						
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13						
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15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

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ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 09
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	28"	0-5'		0-0.1': Topsoil 0.1-4.0': Brown & Black SAND and GRAVEL with some masonry (FILL)	0 ppm	Wet @~0.5'
1						
2						
3						
4				4.0-8.0': Brown & Black SAND with little gravel (FILL)		
5	20"	5-8'			0 ppm	
6						
7						
8				Boring Terminated at 8.0'		
9						
10						
11						
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19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

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ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Steelfields Solar Site - Subsurface Investigation

BORING: SB - 10
SHEET 1 of 1
JOB: 2191567.17
CHKD BY:
DATE: 8/4/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Tervett	GROUND SURFACE ELEVATION	NA	DATUM:	NA
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 6620	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	28"	0-5'		0-0.1': Topsoil 0.1-4.0': Brown & Black SAND and GRAVEL with some masonry (FILL)	0 ppm	Wet @~0.5'
1						
2						
3						
4				4.0-6.5': Brown & Black SAND with little gravel (FILL)		
5	28"	5-8'			0 ppm	
6				6.5-8.0': Gray Clayey SILT with some sand and gravel		
7						
8				Boring Terminated at 8.0'		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

ATTACHMENT 2

Dust Tracker Data

Downwind

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/04/2022
Instrument S/N	8530163101	Start Time	09:30:07
		Stop Date	08/04/2022
		Stop Time	13:06:07
		Total Time	0:03:36:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.021 mg/m^3
Max	0.049 mg/m^3
Max Date	08/04/2022
Max Time	10:55:07
Min	0.017 mg/m^3
Min Date	08/04/2022
Min Time	09:40:07
TWA (8 hr)	0.009
TWA Start Date	08/04/2022
TWA Start Time	09:30:07
TWA End Time	13:06:07

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/04/2022	09:31:07	0.022
2	08/04/2022	09:32:07	0.019
3	08/04/2022	09:33:07	0.018
4	08/04/2022	09:34:07	0.022
5	08/04/2022	09:35:07	0.018
6	08/04/2022	09:36:07	0.019
7	08/04/2022	09:37:07	0.019
8	08/04/2022	09:38:07	0.018
9	08/04/2022	09:39:07	0.018
10	08/04/2022	09:40:07	0.017
11	08/04/2022	09:41:07	0.017
12	08/04/2022	09:42:07	0.018
13	08/04/2022	09:43:07	0.018
14	08/04/2022	09:44:07	0.018
15	08/04/2022	09:45:07	0.018
16	08/04/2022	09:46:07	0.017
17	08/04/2022	09:47:07	0.018
18	08/04/2022	09:48:07	0.018
19	08/04/2022	09:49:07	0.018
20	08/04/2022	09:50:07	0.017
21	08/04/2022	09:51:07	0.020

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/04/2022	09:52:07	0.017
23	08/04/2022	09:53:07	0.018
24	08/04/2022	09:54:07	0.018
25	08/04/2022	09:55:07	0.018
26	08/04/2022	09:56:07	0.018
27	08/04/2022	09:57:07	0.017
28	08/04/2022	09:58:07	0.017
29	08/04/2022	09:59:07	0.017
30	08/04/2022	10:00:07	0.020
31	08/04/2022	10:01:07	0.020
32	08/04/2022	10:02:07	0.018
33	08/04/2022	10:03:07	0.017
34	08/04/2022	10:04:07	0.017
35	08/04/2022	10:05:07	0.020
36	08/04/2022	10:06:07	0.018
37	08/04/2022	10:07:07	0.017
38	08/04/2022	10:08:07	0.017
39	08/04/2022	10:09:07	0.017
40	08/04/2022	10:10:07	0.019
41	08/04/2022	10:11:07	0.020
42	08/04/2022	10:12:07	0.019
43	08/04/2022	10:13:07	0.019
44	08/04/2022	10:14:07	0.018
45	08/04/2022	10:15:07	0.018
46	08/04/2022	10:16:07	0.018
47	08/04/2022	10:17:07	0.018
48	08/04/2022	10:18:07	0.017
49	08/04/2022	10:19:07	0.018
50	08/04/2022	10:20:07	0.018
51	08/04/2022	10:21:07	0.017
52	08/04/2022	10:22:07	0.017
53	08/04/2022	10:23:07	0.017
54	08/04/2022	10:24:07	0.017
55	08/04/2022	10:25:07	0.017
56	08/04/2022	10:26:07	0.017
57	08/04/2022	10:27:07	0.017
58	08/04/2022	10:28:07	0.018
59	08/04/2022	10:29:07	0.018
60	08/04/2022	10:30:07	0.018
61	08/04/2022	10:31:07	0.018
62	08/04/2022	10:32:07	0.018
63	08/04/2022	10:33:07	0.018
64	08/04/2022	10:34:07	0.019
65	08/04/2022	10:35:07	0.019
66	08/04/2022	10:36:07	0.018
67	08/04/2022	10:37:07	0.018

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	08/04/2022	10:38:07	0.018
69	08/04/2022	10:39:07	0.018
70	08/04/2022	10:40:07	0.018
71	08/04/2022	10:41:07	0.018
72	08/04/2022	10:42:07	0.018
73	08/04/2022	10:43:07	0.019
74	08/04/2022	10:44:07	0.019
75	08/04/2022	10:45:07	0.019
76	08/04/2022	10:46:07	0.020
77	08/04/2022	10:47:07	0.020
78	08/04/2022	10:48:07	0.020
79	08/04/2022	10:49:07	0.019
80	08/04/2022	10:50:07	0.019
81	08/04/2022	10:51:07	0.018
82	08/04/2022	10:52:07	0.018
83	08/04/2022	10:53:07	0.018
84	08/04/2022	10:54:07	0.019
85	08/04/2022	10:55:07	0.049
86	08/04/2022	10:56:07	0.022
87	08/04/2022	10:57:07	0.019
88	08/04/2022	10:58:07	0.019
89	08/04/2022	10:59:07	0.019
90	08/04/2022	11:00:07	0.019
91	08/04/2022	11:01:07	0.020
92	08/04/2022	11:02:07	0.020
93	08/04/2022	11:03:07	0.019
94	08/04/2022	11:04:07	0.019
95	08/04/2022	11:05:07	0.019
96	08/04/2022	11:06:07	0.019
97	08/04/2022	11:07:07	0.019
98	08/04/2022	11:08:07	0.020
99	08/04/2022	11:09:07	0.020
100	08/04/2022	11:10:07	0.020
101	08/04/2022	11:11:07	0.020
102	08/04/2022	11:12:07	0.020
103	08/04/2022	11:13:07	0.021
104	08/04/2022	11:14:07	0.020
105	08/04/2022	11:15:07	0.020
106	08/04/2022	11:16:07	0.021
107	08/04/2022	11:17:07	0.021
108	08/04/2022	11:18:07	0.021
109	08/04/2022	11:19:07	0.021
110	08/04/2022	11:20:07	0.021
111	08/04/2022	11:21:07	0.021
112	08/04/2022	11:22:07	0.021
113	08/04/2022	11:23:07	0.021

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	08/04/2022	11:24:07	0.020
115	08/04/2022	11:25:07	0.020
116	08/04/2022	11:26:07	0.021
117	08/04/2022	11:27:07	0.020
118	08/04/2022	11:28:07	0.025
119	08/04/2022	11:29:07	0.021
120	08/04/2022	11:30:07	0.022
121	08/04/2022	11:31:07	0.020
122	08/04/2022	11:32:07	0.020
123	08/04/2022	11:33:07	0.020
124	08/04/2022	11:34:07	0.020
125	08/04/2022	11:35:07	0.020
126	08/04/2022	11:36:07	0.021
127	08/04/2022	11:37:07	0.022
128	08/04/2022	11:38:07	0.021
129	08/04/2022	11:39:07	0.030
130	08/04/2022	11:40:07	0.036
131	08/04/2022	11:41:07	0.021
132	08/04/2022	11:42:07	0.021
133	08/04/2022	11:43:07	0.021
134	08/04/2022	11:44:07	0.030
135	08/04/2022	11:45:07	0.023
136	08/04/2022	11:46:07	0.021
137	08/04/2022	11:47:07	0.020
138	08/04/2022	11:48:07	0.021
139	08/04/2022	11:49:07	0.019
140	08/04/2022	11:50:07	0.020
141	08/04/2022	11:51:07	0.040
142	08/04/2022	11:52:07	0.034
143	08/04/2022	11:53:07	0.021
144	08/04/2022	11:54:07	0.020
145	08/04/2022	11:55:07	0.019
146	08/04/2022	11:56:07	0.019
147	08/04/2022	11:57:07	0.020
148	08/04/2022	11:58:07	0.020
149	08/04/2022	11:59:07	0.020
150	08/04/2022	12:00:07	0.020
151	08/04/2022	12:01:07	0.020
152	08/04/2022	12:02:07	0.020
153	08/04/2022	12:03:07	0.020
154	08/04/2022	12:04:07	0.020
155	08/04/2022	12:05:07	0.019
156	08/04/2022	12:06:07	0.025
157	08/04/2022	12:07:07	0.020
158	08/04/2022	12:08:07	0.019
159	08/04/2022	12:09:07	0.022

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	08/04/2022	12:10:07	0.028
161	08/04/2022	12:11:07	0.021
162	08/04/2022	12:12:07	0.022
163	08/04/2022	12:13:07	0.021
164	08/04/2022	12:14:07	0.021
165	08/04/2022	12:15:07	0.021
166	08/04/2022	12:16:07	0.021
167	08/04/2022	12:17:07	0.021
168	08/04/2022	12:18:07	0.021
169	08/04/2022	12:19:07	0.022
170	08/04/2022	12:20:07	0.022
171	08/04/2022	12:21:07	0.022
172	08/04/2022	12:22:07	0.023
173	08/04/2022	12:23:07	0.023
174	08/04/2022	12:24:07	0.024
175	08/04/2022	12:25:07	0.024
176	08/04/2022	12:26:07	0.025
177	08/04/2022	12:27:07	0.024
178	08/04/2022	12:28:07	0.024
179	08/04/2022	12:29:07	0.024
180	08/04/2022	12:30:07	0.023
181	08/04/2022	12:31:07	0.022
182	08/04/2022	12:32:07	0.023
183	08/04/2022	12:33:07	0.022
184	08/04/2022	12:34:07	0.023
185	08/04/2022	12:35:07	0.023
186	08/04/2022	12:36:07	0.023
187	08/04/2022	12:37:07	0.023
188	08/04/2022	12:38:07	0.023
189	08/04/2022	12:39:07	0.022
190	08/04/2022	12:40:07	0.022
191	08/04/2022	12:41:07	0.023
192	08/04/2022	12:42:07	0.023
193	08/04/2022	12:43:07	0.023
194	08/04/2022	12:44:07	0.023
195	08/04/2022	12:45:07	0.023
196	08/04/2022	12:46:07	0.022
197	08/04/2022	12:47:07	0.024
198	08/04/2022	12:48:07	0.024
199	08/04/2022	12:49:07	0.023
200	08/04/2022	12:50:07	0.023
201	08/04/2022	12:51:07	0.023
202	08/04/2022	12:52:07	0.022
203	08/04/2022	12:53:07	0.022
204	08/04/2022	12:54:07	0.022
205	08/04/2022	12:55:07	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	08/04/2022	12:56:07	0.023
207	08/04/2022	12:57:07	0.026
208	08/04/2022	12:58:07	0.024
209	08/04/2022	12:59:07	0.024
210	08/04/2022	13:00:07	0.033
211	08/04/2022	13:01:07	0.024
212	08/04/2022	13:02:07	0.023
213	08/04/2022	13:03:07	0.022
214	08/04/2022	13:04:07	0.022
215	08/04/2022	13:05:07	0.022
216	08/04/2022	13:06:07	0.022

Upwind

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/04/2022
Instrument S/N	8530203904	Start Time	09:21:35
		Stop Date	08/04/2022
		Stop Time	13:14:35
		Total Time	0:03:53:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.042 mg/m^3
Max	0.172 mg/m^3
Max Date	08/04/2022
Max Time	13:14:35
Min	0.019 mg/m^3
Min Date	08/04/2022
Min Time	09:23:35
TWA (8 hr)	0.020
TWA Start Date	08/04/2022
TWA Start Time	09:21:35
TWA End Time	13:14:35

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	08/04/2022	09:22:35	0.155
2	08/04/2022	09:23:35	0.019
3	08/04/2022	09:24:35	0.020
4	08/04/2022	09:25:35	0.020
5	08/04/2022	09:26:35	0.019
6	08/04/2022	09:27:35	0.019
7	08/04/2022	09:28:35	0.020
8	08/04/2022	09:29:35	0.020
9	08/04/2022	09:30:35	0.021
10	08/04/2022	09:31:35	0.021
11	08/04/2022	09:32:35	0.022
12	08/04/2022	09:33:35	0.025
13	08/04/2022	09:34:35	0.022
14	08/04/2022	09:35:35	0.021
15	08/04/2022	09:36:35	0.021
16	08/04/2022	09:37:35	0.021
17	08/04/2022	09:38:35	0.021
18	08/04/2022	09:39:35	0.023
19	08/04/2022	09:40:35	0.023
20	08/04/2022	09:41:35	0.023
21	08/04/2022	09:42:35	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	08/04/2022	09:43:35	0.023
23	08/04/2022	09:44:35	0.024
24	08/04/2022	09:45:35	0.024
25	08/04/2022	09:46:35	0.025
26	08/04/2022	09:47:35	0.025
27	08/04/2022	09:48:35	0.025
28	08/04/2022	09:49:35	0.025
29	08/04/2022	09:50:35	0.033
30	08/04/2022	09:51:35	0.026
31	08/04/2022	09:52:35	0.026
32	08/04/2022	09:53:35	0.027
33	08/04/2022	09:54:35	0.027
34	08/04/2022	09:55:35	0.030
35	08/04/2022	09:56:35	0.029
36	08/04/2022	09:57:35	0.029
37	08/04/2022	09:58:35	0.030
38	08/04/2022	09:59:35	0.031
39	08/04/2022	10:00:35	0.069
40	08/04/2022	10:01:35	0.036
41	08/04/2022	10:02:35	0.030
42	08/04/2022	10:03:35	0.031
43	08/04/2022	10:04:35	0.030
44	08/04/2022	10:05:35	0.098
45	08/04/2022	10:06:35	0.066
46	08/04/2022	10:07:35	0.033
47	08/04/2022	10:08:35	0.033
48	08/04/2022	10:09:35	0.034
49	08/04/2022	10:10:35	0.034
50	08/04/2022	10:11:35	0.035
51	08/04/2022	10:12:35	0.034
52	08/04/2022	10:13:35	0.034
53	08/04/2022	10:14:35	0.034
54	08/04/2022	10:15:35	0.034
55	08/04/2022	10:16:35	0.034
56	08/04/2022	10:17:35	0.034
57	08/04/2022	10:18:35	0.035
58	08/04/2022	10:19:35	0.036
59	08/04/2022	10:20:35	0.036
60	08/04/2022	10:21:35	0.038
61	08/04/2022	10:22:35	0.039
62	08/04/2022	10:23:35	0.038
63	08/04/2022	10:24:35	0.037
64	08/04/2022	10:25:35	0.038
65	08/04/2022	10:26:35	0.042
66	08/04/2022	10:27:35	0.044
67	08/04/2022	10:28:35	0.040

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	08/04/2022	10:29:35	0.038
69	08/04/2022	10:30:35	0.038
70	08/04/2022	10:31:35	0.109
71	08/04/2022	10:32:35	0.050
72	08/04/2022	10:33:35	0.054
73	08/04/2022	10:34:35	0.047
74	08/04/2022	10:35:35	0.039
75	08/04/2022	10:36:35	0.039
76	08/04/2022	10:37:35	0.038
77	08/04/2022	10:38:35	0.058
78	08/04/2022	10:39:35	0.061
79	08/04/2022	10:40:35	0.081
80	08/04/2022	10:41:35	0.060
81	08/04/2022	10:42:35	0.042
82	08/04/2022	10:43:35	0.041
83	08/04/2022	10:44:35	0.039
84	08/04/2022	10:45:35	0.039
85	08/04/2022	10:46:35	0.039
86	08/04/2022	10:47:35	0.038
87	08/04/2022	10:48:35	0.038
88	08/04/2022	10:49:35	0.038
89	08/04/2022	10:50:35	0.037
90	08/04/2022	10:51:35	0.039
91	08/04/2022	10:52:35	0.040
92	08/04/2022	10:53:35	0.039
93	08/04/2022	10:54:35	0.054
94	08/04/2022	10:55:35	0.049
95	08/04/2022	10:56:35	0.043
96	08/04/2022	10:57:35	0.042
97	08/04/2022	10:58:35	0.041
98	08/04/2022	10:59:35	0.041
99	08/04/2022	11:00:35	0.040
100	08/04/2022	11:01:35	0.041
101	08/04/2022	11:02:35	0.040
102	08/04/2022	11:03:35	0.039
103	08/04/2022	11:04:35	0.039
104	08/04/2022	11:05:35	0.042
105	08/04/2022	11:06:35	0.041
106	08/04/2022	11:07:35	0.039
107	08/04/2022	11:08:35	0.039
108	08/04/2022	11:09:35	0.040
109	08/04/2022	11:10:35	0.042
110	08/04/2022	11:11:35	0.040
111	08/04/2022	11:12:35	0.040
112	08/04/2022	11:13:35	0.040
113	08/04/2022	11:14:35	0.039

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	08/04/2022	11:15:35	0.040
115	08/04/2022	11:16:35	0.040
116	08/04/2022	11:17:35	0.039
117	08/04/2022	11:18:35	0.041
118	08/04/2022	11:19:35	0.041
119	08/04/2022	11:20:35	0.041
120	08/04/2022	11:21:35	0.041
121	08/04/2022	11:22:35	0.041
122	08/04/2022	11:23:35	0.043
123	08/04/2022	11:24:35	0.042
124	08/04/2022	11:25:35	0.040
125	08/04/2022	11:26:35	0.040
126	08/04/2022	11:27:35	0.046
127	08/04/2022	11:28:35	0.043
128	08/04/2022	11:29:35	0.043
129	08/04/2022	11:30:35	0.043
130	08/04/2022	11:31:35	0.041
131	08/04/2022	11:32:35	0.041
132	08/04/2022	11:33:35	0.040
133	08/04/2022	11:34:35	0.042
134	08/04/2022	11:35:35	0.041
135	08/04/2022	11:36:35	0.041
136	08/04/2022	11:37:35	0.041
137	08/04/2022	11:38:35	0.041
138	08/04/2022	11:39:35	0.041
139	08/04/2022	11:40:35	0.042
140	08/04/2022	11:41:35	0.042
141	08/04/2022	11:42:35	0.042
142	08/04/2022	11:43:35	0.043
143	08/04/2022	11:44:35	0.042
144	08/04/2022	11:45:35	0.042
145	08/04/2022	11:46:35	0.042
146	08/04/2022	11:47:35	0.042
147	08/04/2022	11:48:35	0.042
148	08/04/2022	11:49:35	0.042
149	08/04/2022	11:50:35	0.042
150	08/04/2022	11:51:35	0.046
151	08/04/2022	11:52:35	0.047
152	08/04/2022	11:53:35	0.044
153	08/04/2022	11:54:35	0.042
154	08/04/2022	11:55:35	0.060
155	08/04/2022	11:56:35	0.045
156	08/04/2022	11:57:35	0.041
157	08/04/2022	11:58:35	0.045
158	08/04/2022	11:59:35	0.041
159	08/04/2022	12:00:35	0.042

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	08/04/2022	12:01:35	0.041
161	08/04/2022	12:02:35	0.043
162	08/04/2022	12:03:35	0.042
163	08/04/2022	12:04:35	0.044
164	08/04/2022	12:05:35	0.043
165	08/04/2022	12:06:35	0.042
166	08/04/2022	12:07:35	0.044
167	08/04/2022	12:08:35	0.139
168	08/04/2022	12:09:35	0.054
169	08/04/2022	12:10:35	0.043
170	08/04/2022	12:11:35	0.041
171	08/04/2022	12:12:35	0.041
172	08/04/2022	12:13:35	0.045
173	08/04/2022	12:14:35	0.041
174	08/04/2022	12:15:35	0.041
175	08/04/2022	12:16:35	0.042
176	08/04/2022	12:17:35	0.042
177	08/04/2022	12:18:35	0.041
178	08/04/2022	12:19:35	0.041
179	08/04/2022	12:20:35	0.042
180	08/04/2022	12:21:35	0.041
181	08/04/2022	12:22:35	0.040
182	08/04/2022	12:23:35	0.041
183	08/04/2022	12:24:35	0.042
184	08/04/2022	12:25:35	0.042
185	08/04/2022	12:26:35	0.041
186	08/04/2022	12:27:35	0.041
187	08/04/2022	12:28:35	0.041
188	08/04/2022	12:29:35	0.042
189	08/04/2022	12:30:35	0.043
190	08/04/2022	12:31:35	0.042
191	08/04/2022	12:32:35	0.042
192	08/04/2022	12:33:35	0.042
193	08/04/2022	12:34:35	0.041
194	08/04/2022	12:35:35	0.041
195	08/04/2022	12:36:35	0.043
196	08/04/2022	12:37:35	0.042
197	08/04/2022	12:38:35	0.043
198	08/04/2022	12:39:35	0.160
199	08/04/2022	12:40:35	0.048
200	08/04/2022	12:41:35	0.043
201	08/04/2022	12:42:35	0.041
202	08/04/2022	12:43:35	0.042
203	08/04/2022	12:44:35	0.045
204	08/04/2022	12:45:35	0.042
205	08/04/2022	12:46:35	0.042

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	08/04/2022	12:47:35	0.043
207	08/04/2022	12:48:35	0.043
208	08/04/2022	12:49:35	0.044
209	08/04/2022	12:50:35	0.043
210	08/04/2022	12:51:35	0.042
211	08/04/2022	12:52:35	0.042
212	08/04/2022	12:53:35	0.042
213	08/04/2022	12:54:35	0.042
214	08/04/2022	12:55:35	0.043
215	08/04/2022	12:56:35	0.043
216	08/04/2022	12:57:35	0.042
217	08/04/2022	12:58:35	0.042
218	08/04/2022	12:59:35	0.043
219	08/04/2022	13:00:35	0.041
220	08/04/2022	13:01:35	0.042
221	08/04/2022	13:02:35	0.041
222	08/04/2022	13:03:35	0.041
223	08/04/2022	13:04:35	0.052
224	08/04/2022	13:05:35	0.041
225	08/04/2022	13:06:35	0.042
226	08/04/2022	13:07:35	0.041
227	08/04/2022	13:08:35	0.041
228	08/04/2022	13:09:35	0.041
229	08/04/2022	13:10:35	0.041
230	08/04/2022	13:11:35	0.041
231	08/04/2022	13:12:35	0.042
232	08/04/2022	13:13:35	0.041
233	08/04/2022	13:14:35	0.172