

DAILY STATUS REPORT

Prepared By: Antonio Cardenas

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

NYSDEC BCP Site No:	C224219	Date:	9/13/2024
Project Name:	450 Union Street, Brooklyn, NY		

Consultant: Vektor Consultants – Antonio Cardenas Visitors: WSP – Aaron Schmidt	Personnel On-Site: Geo-Solutions Inc.- Subcontractor
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Work Activities Performed:

- GSI continued installing soil berm on the north portion of the site for future water management.
- General housekeeping and site grading.

Community Air Monitoring Program (CAMP)

An Upwind and Downwind CAMP stations were placed within the perimeters of the Site during drilling activities. The Upwind CAMP station was in the northwest portion of the Site and the Downwind CAMP station was in the southeast portion of the Site as the wind was consistently coming from the northeast.

Background Levels (Initial Readings at Start of Day):

PID: 0.0 ppm Dust: 0.0512 mg/m³

Highest Levels:

PID: 0.0 ppm Dust: 0.0782 mg/m³

- Upwind CAMP was implemented during C&D restaging. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530210705, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-601281.
- Downwind CAMP was implemented during C&D restaging. CAMP equipment consisted of a DustTrack II Model 8530; S/N: 8530221304, AND MiniRAE 3000, Model PGM-7320 photoionization detector (PID); S/N: 592-926055.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP stations.

Problems Encountered

- None

Planned Activities for the Next Day

Continued decommissioning of all groundwater monitoring wells and recovery wells within the work areas via NYSDEC's CP-43 Well Decommissioning Policy. Continued site preparation work in anticipation of full-scale ISS operations (upon NYSDEC approval of the RSO Work Plan)

SITE PLAN WITH LOCATIONS

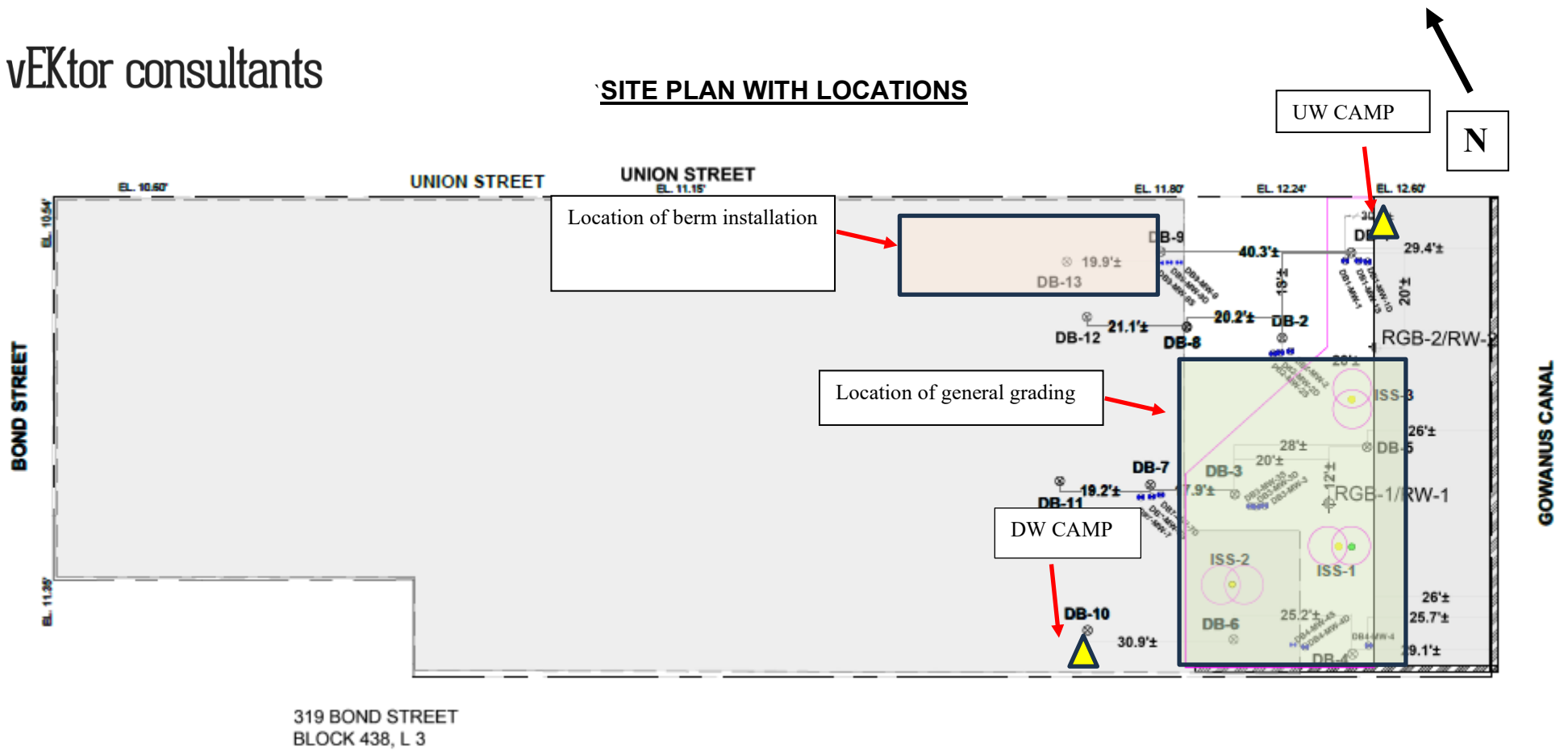


Photo Log

Photo 1:
View of GSI installing berm, facing west



Photo 2:
View of GSI installing berm, facing east.



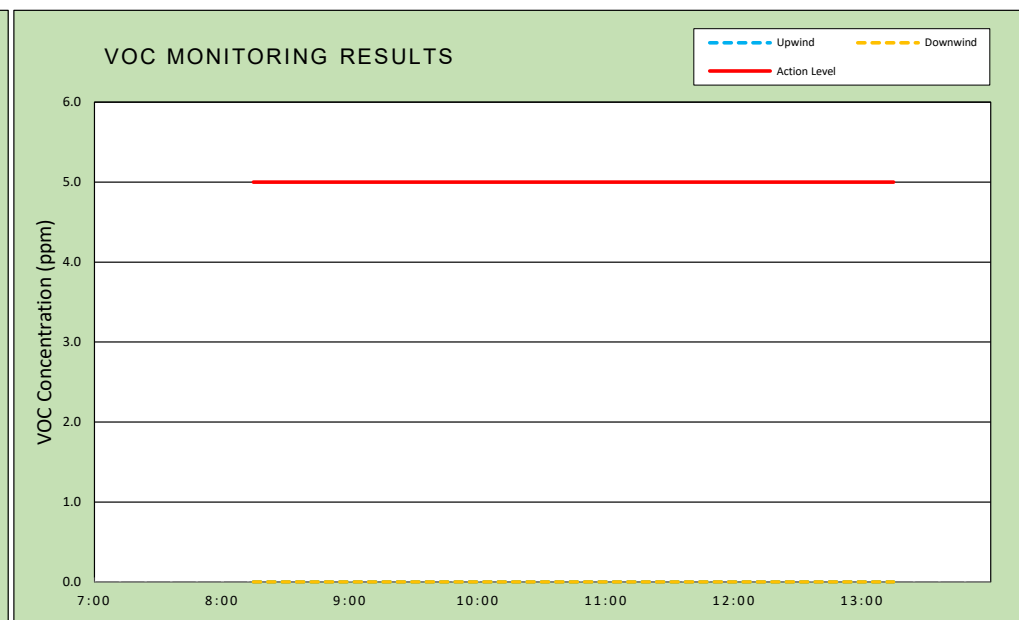
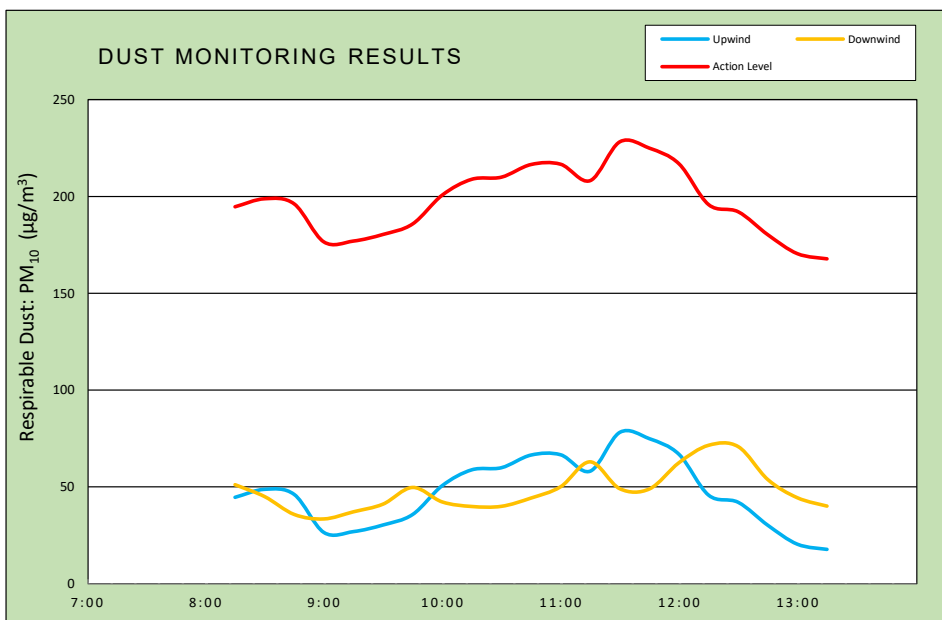
Photo 3:
View of GSI installing berm, facing west.



vEKtor consultants	DAILY AIR MONITORING REPORT 450 Union Street Brooklyn, New York	09/13/2024	
		Rev. No. 0	Page 1 of 2
		Project Number:	
		Dust Action Level	150 µg/m³
		VOC Action Level	5 ppm
37 W. 37th St, 6th Floor - New York, NY			

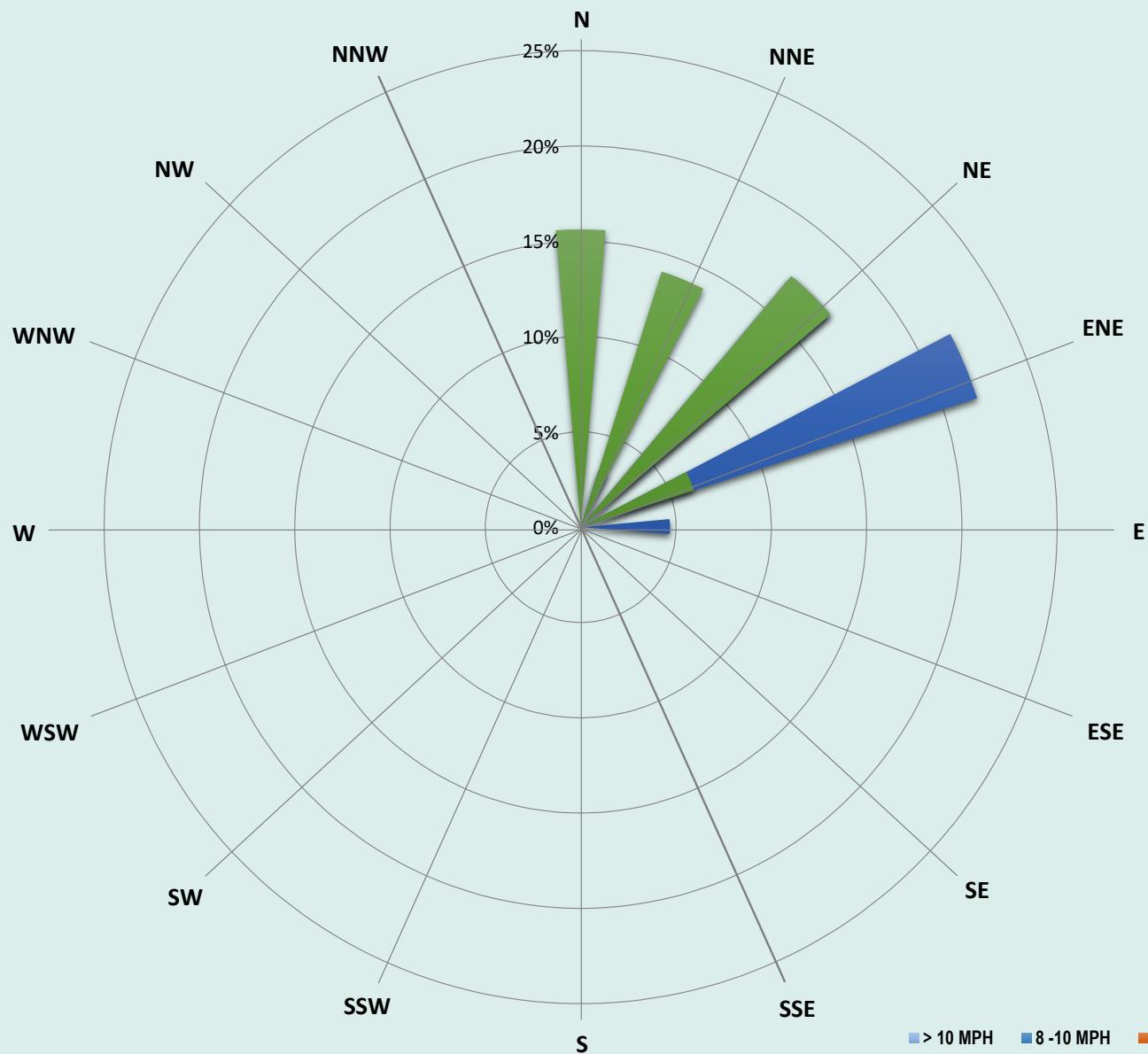
Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	47.0 - 94.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	66.0 - 81.0	Wind Speed (MPH)	0.1 - 1.9	Barometer (inHg)	30.30 - 30.30	Avg. Dew Point Temp (°F)	63.8	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	47.4	78.2	11:30	0.0	0.0	8:15
Downwind	48.3	71.5	12:15	0.0	0.0	8:15



Air Monitoring Notes:

Weather Notes:



vEKtor - 450 Union St
Air Monitoring
09/13/24
Wind Speed & Direction
Daily Readings

Friday, September 13, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				21
Start Time:				8:15
End Time:				13:15
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m ³)	Time	15-Min Avg Concentration (ug/m ³)	
8:15	44.6	8:15	51.2	-
8:30	48.8	8:30	45.0	-
8:45	46.1	8:45	35.8	-
9:00	26.5	9:00	33.5	-
9:15	26.9	9:15	37.2	-
9:30	30.4	9:30	41.1	-
9:45	35.8	9:45	49.8	-
10:00	50.7	10:00	42.3	-
10:15	58.9	10:15	39.9	-
10:30	59.9	10:30	40.0	-
10:45	66.5	10:45	44.3	-
11:00	66.6	11:00	50.1	-
11:15	58.2	11:15	63.0	-
11:30	78.2	11:30	49.1	-
11:45	74.9	11:45	49.0	-
12:00	66.8	12:00	62.5	-
12:15	45.8	12:15	71.5	-
12:30	42.1	12:30	70.8	-
12:45	30.2	12:45	53.8	-
13:00	20.4	13:00	44.4	-
13:15	17.8	13:15	40.1	-

Friday, September 13, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				8:15
End Time:				13:15
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
8:15	0.0	8:15	0.0	-
8:30	0.0	8:30	0.0	-
8:45	0.0	8:45	0.0	-
9:00	0.0	9:00	0.0	-
9:15	0.0	9:15	0.0	-
9:30	0.0	9:30	0.0	-
9:45	0.0	9:45	0.0	-
10:00	0.0	10:00	0.0	-
10:15	0.0	10:15	0.0	-
10:30	0.0	10:30	0.0	-
10:45	0.0	10:45	0.0	-
11:00	0.0	11:00	0.0	-
11:15	0.0	11:15	0.0	-
11:30	0.0	11:30	0.0	-
11:45	0.0	11:45	0.0	-
12:00	0.0	12:00	0.0	-
12:15	0.0	12:15	0.0	-
12:30	0.0	12:30	0.0	-
12:45	0.0	12:45	0.0	-
13:00	0.0	13:00	0.0	-
13:15	0.0	13:15	0.0	-

Project:	450 Union Remediation	Project No.:	24-071	Date:	09/13/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Friday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	28
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00

Weather:			
Low: 61	Cloud Cover: Sunny	Wind: 5-10MPH	
High: 78	Precipitation: 0"	Direction: NNE	
Description of Work Activities:			
<ul style="list-style-type: none"> - 0700 to 0730, GSI held a tailgate safety meeting and discussed the day's planned activities with site personnel. - 0730 to 1300, GSI started excavation and casted poly-lined across the fence for the swell pond towards the Northwest portion of the jobsite using Kobelco 300 excavator. - 1100 to 1400, GSI performed general site housekeeping, fueled the equipments and clean-up. - 1500 to 1600, GSI received 276.2 gallons of dyed diesel fuel. - 1600, All GSI personnel offsite. 			
Conversation with Client/Inspector:			
Production Delays:			
Safety Topics:			
Discussed: Best Practices to Avoid Injuries to the Eyes.			

Rick McKay
 Foreman/Superintendent

09/13/24
 Date

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Production:			Completion:		
Today:	0.00 CY	0 Columns	9% Columns		
To-Date:	455.65 CY	4 Columns	10.36% CY		
Materials Received:					
Material	Unit	Today	Total	Notes	
Slag- Grade 120	Ton	0	76		
Portland Cement - Type 1L	Ton	0	45		
Disposal Trucks	N/A	7	18		
Hours	Equipment	Task	Hours	Employees On Site	Trade
8.0	Offroad Forklift	Material Handling		Trae Deri	PM
8.0	185 Air Compressor	ISS Mixing	9.0	Rick McKay	SUPT
8.0	Conex box(1)	Storage	8.0	Srujan Prasad	ENG
8.0	300kw Generator	Batch Plant	8.0	Eric Shannon	DRILL
8.0	Lo-pro silo(2)	Cement Storage	8.0	Miguel Maldonado	LAB
8.0	Flash mixers (2)	Batch Plant	8.0	William Braun	BPO
8.0	Moyno pump(2)	Batch Plant		Peter Liota	OP
8.0	Delmag Hydraulic Rig	ISS Mixing	9.0	Steven Reda	LAB
8.0	Manlift(1)	Maintenance	8.0	James Acovelli	OP
8.0	Kobelco 210 Excavaor	ISS Mixing	8.0	Louis Passannante	BPO
8.0	250kw Generator	Batch Plant	8.0	Christhopher Ramdial	OILER
8.0	Kobelco 300 Excavator				
96	TOTAL DAY HOURS		74	TOTAL DAY HOURS	

LEGEND:

SUPT- Superintendent, **PM**- Project Manager, **ENG** - Engineer, **SSHC** - Health & Safety Coordinator, **LAB** - Laborer, **OP** - Operator,
BPO - Batch plant Operator, **OILER** - Oiler, **DRILLER** - Rig Opearator

Rick McKay

Foreman/Superintendent

09/13/24

Date

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Owner: 2201 Union LLC	Superintendent: Rick McKay	Days on Site: 28
Manager: Trae Deri	Engineer: Srujan Prasad	Shift Times: 7:00-17:00

IN-SITU SOIL STABILIZATION - AUGER MIXING SAMPLE TESTING RESULTS

Project Specifications:

Perm:	$\leq 1 \times 10^{-6}$
UCS:	> 50 psi

Lab Results

Date	Time	Sample ID	Depth (bgs)	Number of cylinders casted		UCS	Permeability	UCS	Permeability	
						7 Day	7 Day	14 Day	14 Day	
						(psi)	(cm/s)	(psi)	(cm/s)	
8/19/24	11:42 AM	E6	18	8	8	243.3	4.4E-09	379.9		
8/19/24	2:10 PM	E7	22	8	8	203.3	4.5E-09	388.6		
8/23/24	11:10 AM	B3	25	8	8	95.4	4.9E-08	82.6	2.2E-08	
8/23/24	12:56 PM	B4	35	8	8	206.3	1.6E-08	209.5	3.1E-08	

Comments:

Rick McKay

Foreman/Superintendent

Client QC Manager