

## DAILY STATUS REPORT

Prepared By: Antonio Cardenas

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

<b>NYSDEC BCP Site No:</b>	C224219	<b>Date:</b>	9/11/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

<b>Consultant:</b> Vektor Consultants – Antonio Cardenas	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor
<b>Visitors:</b> WSP – Aaron Schmidt	

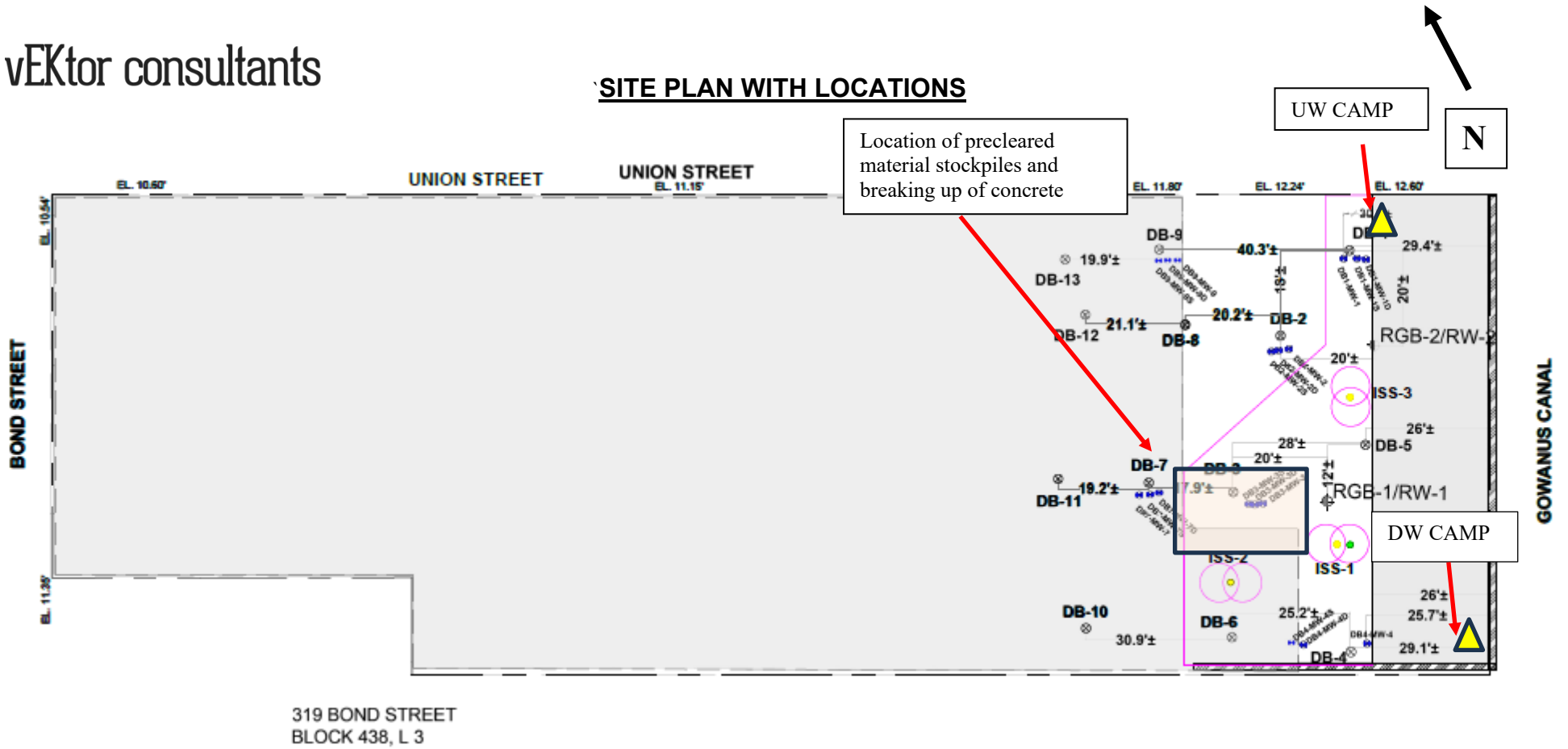
<p><b>Work Activities Performed:</b></p> <ul style="list-style-type: none"> <li>GSI exported 11 truckloads of concrete and debris (C&amp;D) from the site to Republic Environmental Systems dba (Clean Earth) in Hatfield, PA, for disposal.</li> <li>GSI chopped concrete debris with the hammer attachment and utilized fresh water to suppress dust, as needed.</li> </ul>
---

<p><b>Community Air Monitoring Program (CAMP)</b></p> <p>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 north.</p> <p>Background Levels (Initial Readings at Start of Day): PID: 0.0 ppm    Dust: 0.0537 mg/m<sup>3</sup></p> <p>Highest Levels: PID: 0.0 ppm    Dust: 0.0656 mg/m<sup>3</sup></p> <ul style="list-style-type: none"> <li>Upwind CAMP was implemented during C&amp;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.</li> <li>Downwind CAMP was implemented during C&amp;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.</li> <li>No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work area CAMP stations.</li> </ul>
--

<p><b>Problems Encountered</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>
---

<p><b>Planned Activities for the Next Day</b></p> <p>Removal of C&amp;D from the Site. Continued decommissioning of all groundwater monitoring wells and recovery wells within the work areas via NYSDEC’s CP-43 Well Decommissioning Policy.</p>
---

SITE PLAN WITH LOCATIONS



## Photo Log

Photo 1:  
View of GSI loading truck with C&D,  
facing south.



Photo 2:  
View of GSI restaging C&D stockpile,  
facing west.



Photo 3:  
View of GSI restaging C&D stockpile,  
facing west.



Photo 4:  
View of GSI chopping concrete debris  
with the hammer attachment, facing  
northwest.



vEktor consultants

# DAILY AIR MONITORING REPORT

## 450 Union Street Brooklyn, New York

09/11/2024

Rev. No. 0

Page 1 of 2

Project Number:

Dust Action Level

150  $\mu\text{g}/\text{m}^3$

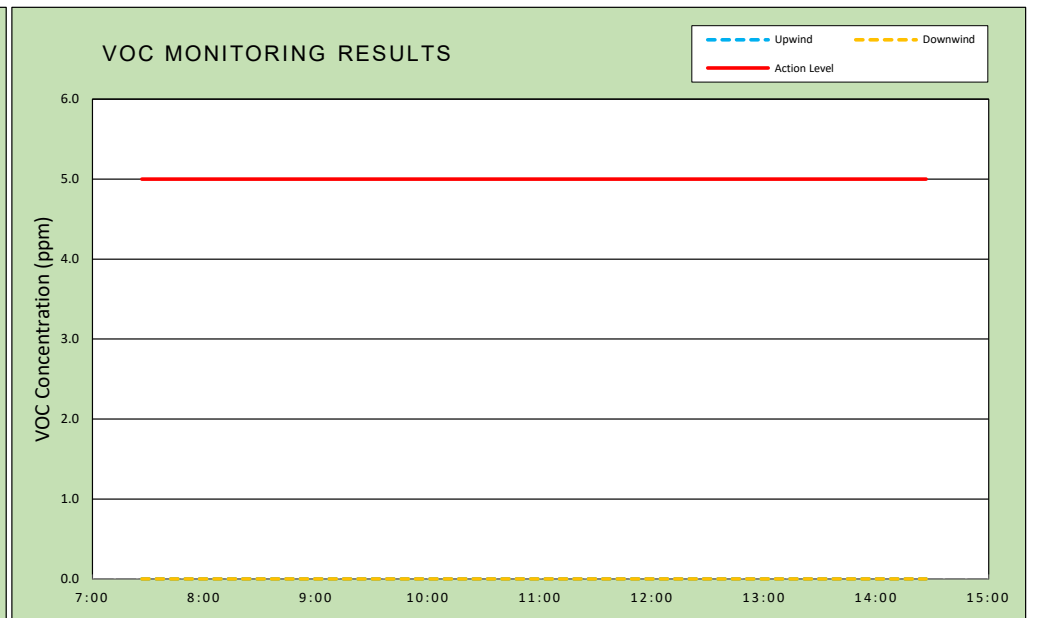
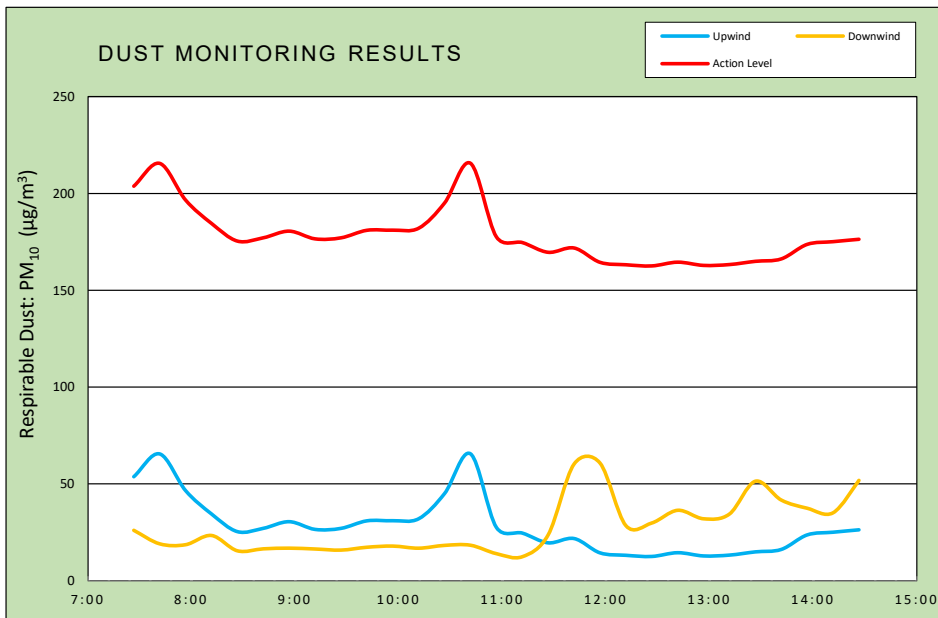
VOC Action Level

5 ppm

37 W. 37th St, 6th Floor - New York, NY

Weather Data Range for Work Day		Wind Direction	N	Relative Humidity (%)	31.0 - 66.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	60.0 - 80.0	Wind Speed (MPH)	1.6 - 4.3	Barometer (inHg)	30.20 - 30.20	Avg. Dew Point Temp (°F)	49.0	

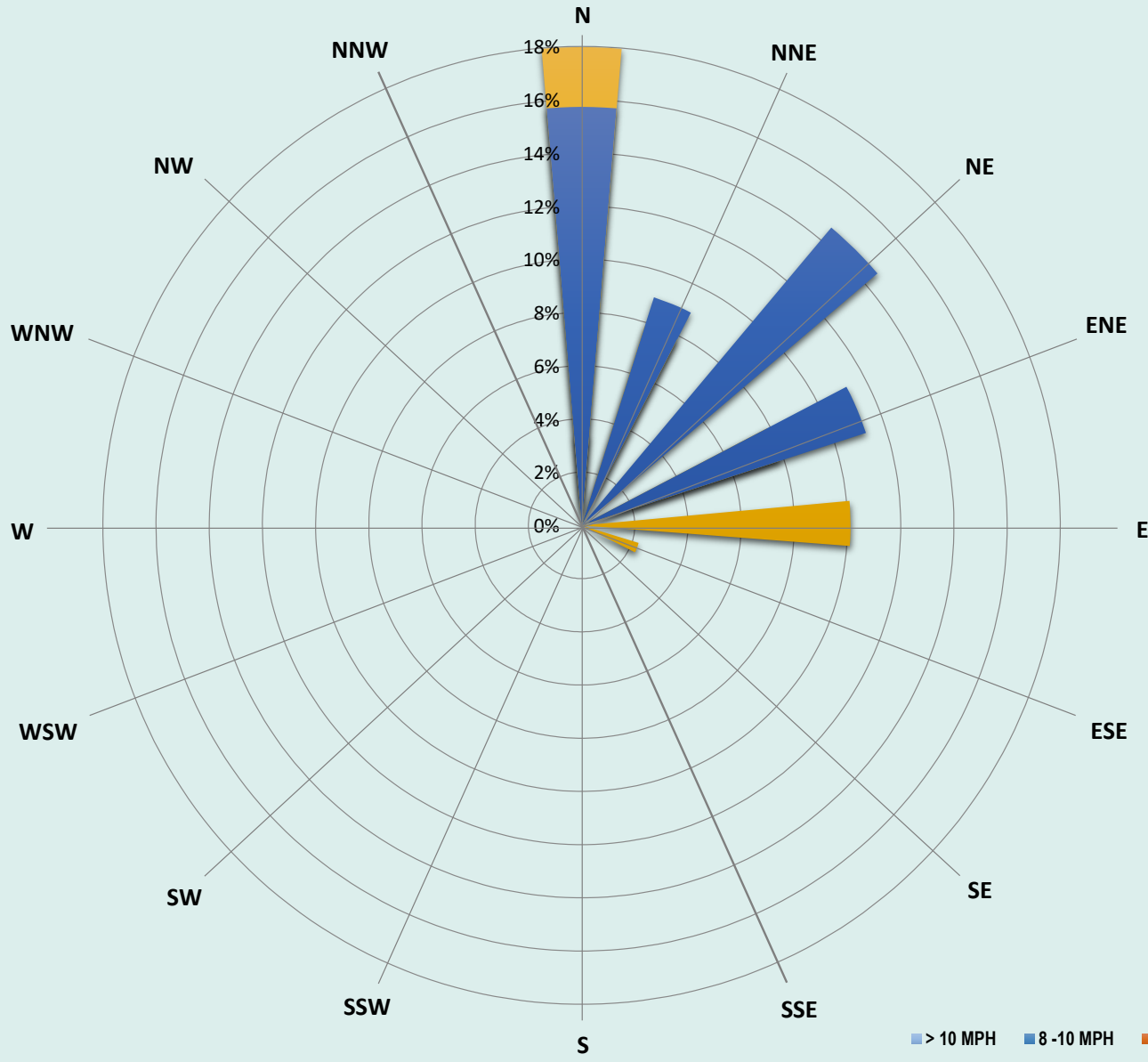
Station Location	Daily Avg. Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Max 15-Min Dust Concentration ( $\mu\text{g}/\text{m}^3$ )	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	31.0	65.6	10:42	0.0	0.0	7:27
Downwind	28.1	60.8	11:57	0.0	0.0	7:27



**Air Monitoring Notes:**

**Weather Notes:**





vEKtor - 450 Union St  
Air Monitoring  
09/11/24  
Wind Speed & Direction  
Daily Readings

Wednesday, September 11, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				29
Start Time:				7:27
End Time:				14:27
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m <sup>3</sup> )	Time	15-Min Avg Concentration (ug/m <sup>3</sup> )	
7:27	53.7	7:27	26.1	-
7:42	65.5	7:42	19.1	-
7:57	46.6	7:57	18.6	-
8:12	34.5	8:12	23.4	-
8:27	25.4	8:27	15.5	-
8:42	27.1	8:42	16.5	-
8:57	30.5	8:57	16.9	-
9:12	26.5	9:12	16.4	-
9:27	27.1	9:27	15.9	-
9:42	31.0	9:42	17.3	-
9:57	31.0	9:57	17.9	-
10:12	32.0	10:12	16.8	-
10:27	45.1	10:27	18.3	-
10:42	65.6	10:42	18.4	-
10:57	27.6	10:57	14.0	-
11:12	24.6	11:12	12.4	-
11:27	19.6	11:27	23.7	-
11:42	21.8	11:42	60.3	-
11:57	14.4	11:57	60.8	-
12:12	13.2	12:12	28.5	-
12:27	12.6	12:27	29.8	-
12:42	14.5	12:42	36.4	-
12:57	12.8	12:57	32.0	-
13:12	13.3	13:12	34.5	-
13:27	14.9	13:27	51.4	-
13:42	16.2	13:42	41.7	-
13:57	23.7	13:57	37.5	-
14:12	25.1	14:12	35.1	-
14:27	26.3	14:27	51.9	-

Wednesday, September 11, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:27
End Time:				14:27
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:27	0.0	7:27	0.0	-
7:42	0.0	7:42	0.0	-
7:57	0.0	7:57	0.0	-
8:12	0.0	8:12	0.0	-
8:27	0.0	8:27	0.0	-
8:42	0.0	8:42	0.0	-
8:57	0.0	8:57	0.0	-
9:12	0.0	9:12	0.0	-
9:27	0.0	9:27	0.0	-
9:42	0.0	9:42	0.0	-
9:57	0.0	9:57	0.0	-
10:12	0.0	10:12	0.0	-
10:27	0.0	10:27	0.0	-
10:42	0.0	10:42	0.0	-
10:57	0.0	10:57	0.0	-
11:12	0.0	11:12	0.0	-
11:27	0.0	11:27	0.0	-
11:42	0.0	11:42	0.0	-
11:57	0.0	11:57	0.0	-
12:12	0.0	12:12	0.0	-
12:27	0.0	12:27	0.0	-
12:42	0.0	12:42	0.0	-
12:57	0.0	12:57	0.0	-
13:12	0.0	13:12	0.0	-
13:27	0.0	13:27	0.0	-
13:42	0.0	13:42	0.0	-
13:57	0.0	13:57	0.0	-
14:12	0.0	14:12	0.0	-
14:27	0.0	14:27	0.0	-



<b>Project:</b> 450 Union Remediation	<b>Project No.:</b> 24-071	<b>Date:</b> 09/11/24
<b>Client:</b> 2201 Union LLC	<b>Location:</b> Brooklyn, NY	<b>Day of Week:</b> Wednesday
<b>Owner:</b> 2201 Union LLC	<b>Superintendent:</b> Rick Mckay	<b>Days on Site:</b> 26
<b>Manager:</b> Trae Deri	<b>Engineer:</b> Srujan Prasad	<b>Shift Times:</b> 7:00-17:00

<b>Weather:</b>		
<b>Low:</b> 61	<b>Cloud Cover:</b> Sunny	<b>Wind:</b> 5-10MPH
<b>High:</b> 77	<b>Precipitation:</b> 0"	<b>Direction:</b> SSE

**Description of Work Activities:**

- 0700 to 0730, GSI held a tailgate safety meeting and discussed the day's planned activities with site personnel.
- 0730 to 1000, Uriel Trucking was on site to load the obstructed concrete materials.
- 0730 to 1000, GSI started loading concrete chunks and steel plates using Kobelco 210 excavator.
- 1100 to 1300, GSI started excavation towards the Northwest portion of the jobsite using Kobelco 300 excavator, clearing big pieces of concrete chunks and metal pieces.
- 1300 to 1500, GSI used 210 Kobelco excavator and hydraulic hammer to break the big pieces of concrete chunks.
- 1200 to 1400, GSI moved the excavated concrete material towards the Northwest of the jobsite using Kobelco excavator and stockpile.
- 1430 to 1500, Kobelco excavator managed ISS spoils, fueled equipment and performed general maintenance.
- 1530, All GSI personnel offsite.

**Conversation with Client/Inspector:**

**Production Delays:**

GSI started excavation towards the Northwest portion of the jobsite using Kobelco 300 excavator, clearing big pieces of concrete chunks and metal pieces.

**Safety Topics:**

Discussed: Securing a Construction Site Safety Talk.

Rick McKay  
 Foreman/Superintendent

09/11/24  
 Date

<b>Project:</b> 450 Union Remediation	<b>Project No.:</b> 24-071	<b>Date:</b> 09/11/24			
<b>Client:</b> 2201 Union LLC	<b>Location:</b> Brooklyn, NY	<b>Day of Week:</b> Wednesday			
<b>Owner:</b> 2201 Union LLC	<b>Superintendent:</b> Rick Mckay	<b>Days on Site:</b> 26			
<b>Manager:</b> Trae Deri	<b>Engineer:</b> Srujan Prasad	<b>Shift Times:</b> 7:00-17:00			
<b>Production:</b>		<b>Completion:</b>			
<b>Today:</b> 0.00 CY 0 Columns	<b>9% Columns</b>				
<b>To-Date:</b> 455.65 CY 4 Columns	<b>10.36% CY</b>				
<b>Materials Received:</b>					
<b>Material</b>	<b>Unit</b>	<b>Today</b>	<b>Total</b>	<b>Notes</b>	
Slag- Grade 120	Ton	0	76		
Portland Cement - Type 1L	Ton	0	25		
Disposal Trucks	N/A	11	11		
<b>Hours</b>	<b>Equipment</b>	<b>Task</b>	<b>Hours</b>	<b>Employees On Site</b>	<b>Trade</b>
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	9.0	Srujan Prasad	ENG
8.0	300kw Generator	Batch Plant	8.5	Eric Shannon	DRILL
8.0	Lo-pro silo(2)	Cement Storage	8.0	Miguel Maldonado	LAB
8.0	Flash mixers (2)	Batch Plant		Daniel Oliveira	BPO
8.0	Moyno pump(2)	Batch Plant		Peter Liota	OP
8.0	Delmag Hydraulic Rig	ISS Mixing	8.0	Steven Reda	LAB
8.0	Manlift(1)	Maintenance	8.0	James Acovelli	OP
8.0	Kobelco 210 Excavaor	ISS Mixing			
8.0	250kw Generator	Batch Plant			
8.0	Kobelco 300 Excavator				
<b>96</b>	<b>TOTAL DAY HOURS</b>		<b>51</b>	<b>TOTAL DAY HOURS</b>	

**LEGEND:**

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

*Rick McKay*

Foreman/Superintendent

09/11/24

Date