

## 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:	9/17/2024
Project Name:	450 Union Street, Brooklyn, NY		

<b>Consultant:</b> Vektor Consultants – Antonio Cardenas  <b>Visitors:</b> WSP – Chris Disclafani	<b>Personnel On-Site:</b> Geo-Solutions Inc.- Subcontractor
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**Work Activities Performed:**

- GSI continued excavating within the treatment area and preparing the berm in the north portion of the site.
- 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: 0.0348 mg/m<sup>3</sup>

Highest Levels:

PID: 0.0 ppm      Dust: 0.0737 mg/m<sup>3</sup>

- 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.

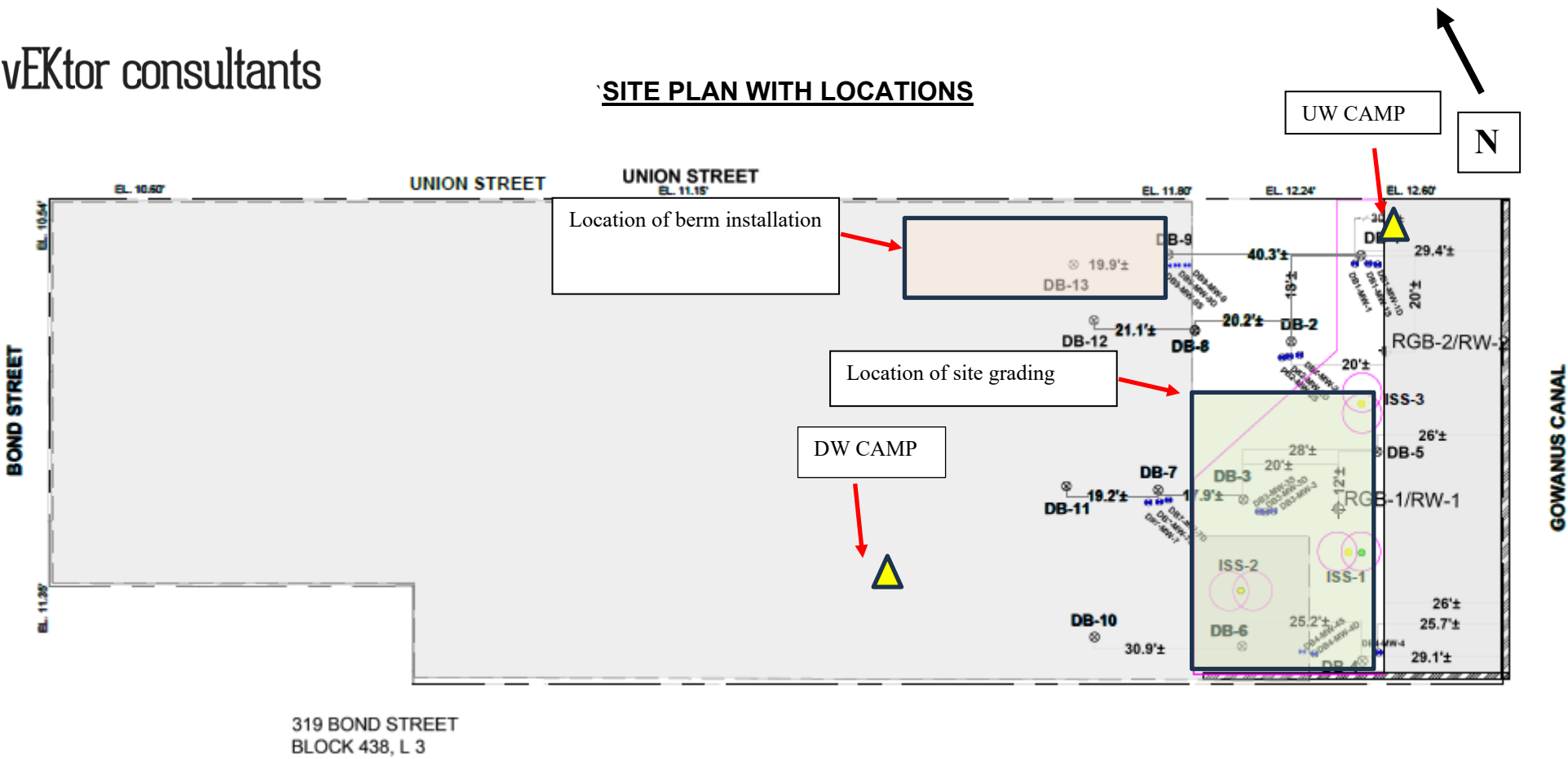
**Problems Encountered**

- 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. Start of full-scale ISS operations (NYSDEC approval of the RSO Work Plan on 9/17/2024)

SITE PLAN WITH LOCATIONS



## Photo Log

Photo 1:  
View of GSI excavating to prepare the site for full scale ISS production, facing west.



Photo 2:  
General overview of the site, facing southwest.





Photo 3:  
GSI excavating for berm installation,  
facing west.



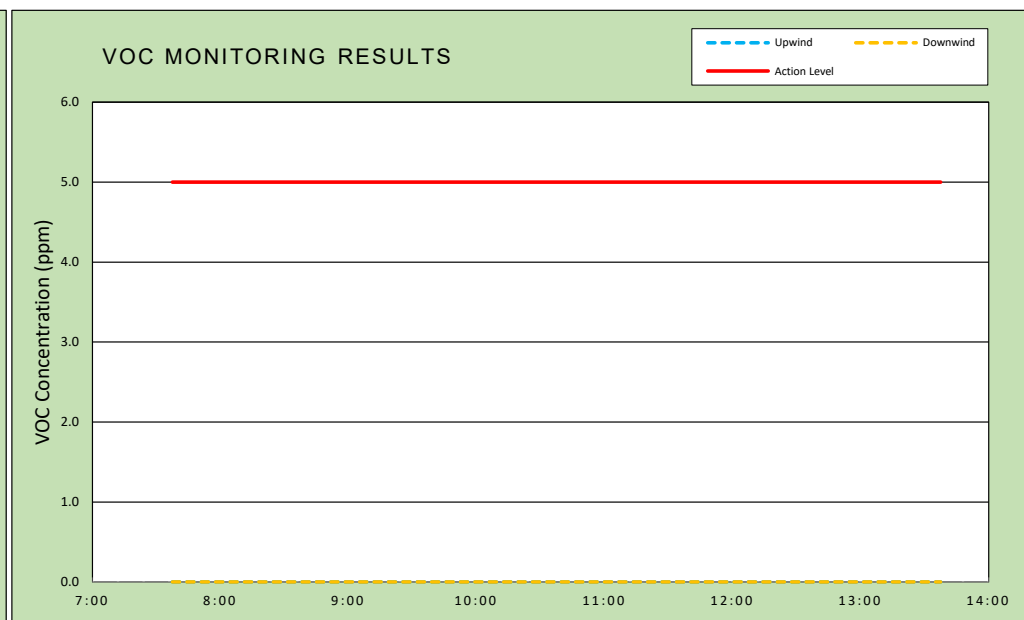
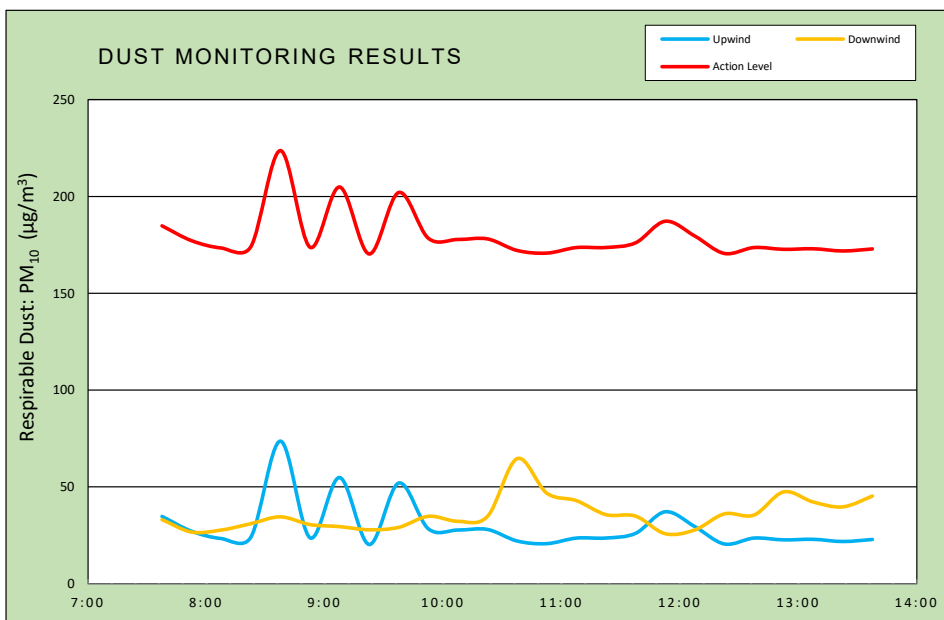
Photo 4:  
General overview of berm along  
Union Street, facing west.



vEKtor consultants	<b>DAILY AIR MONITORING REPORT</b> <b>450 Union Street</b> <b>Brooklyn, New York</b>	09/17/2024	
		Rev. No. 0	Page 1 of 2
		Project Number:	
		Dust Action Level	150 µg/m <sup>3</sup>
37 W. 37th St, 6th Floor - New York, NY		VOC Action Level	5 ppm

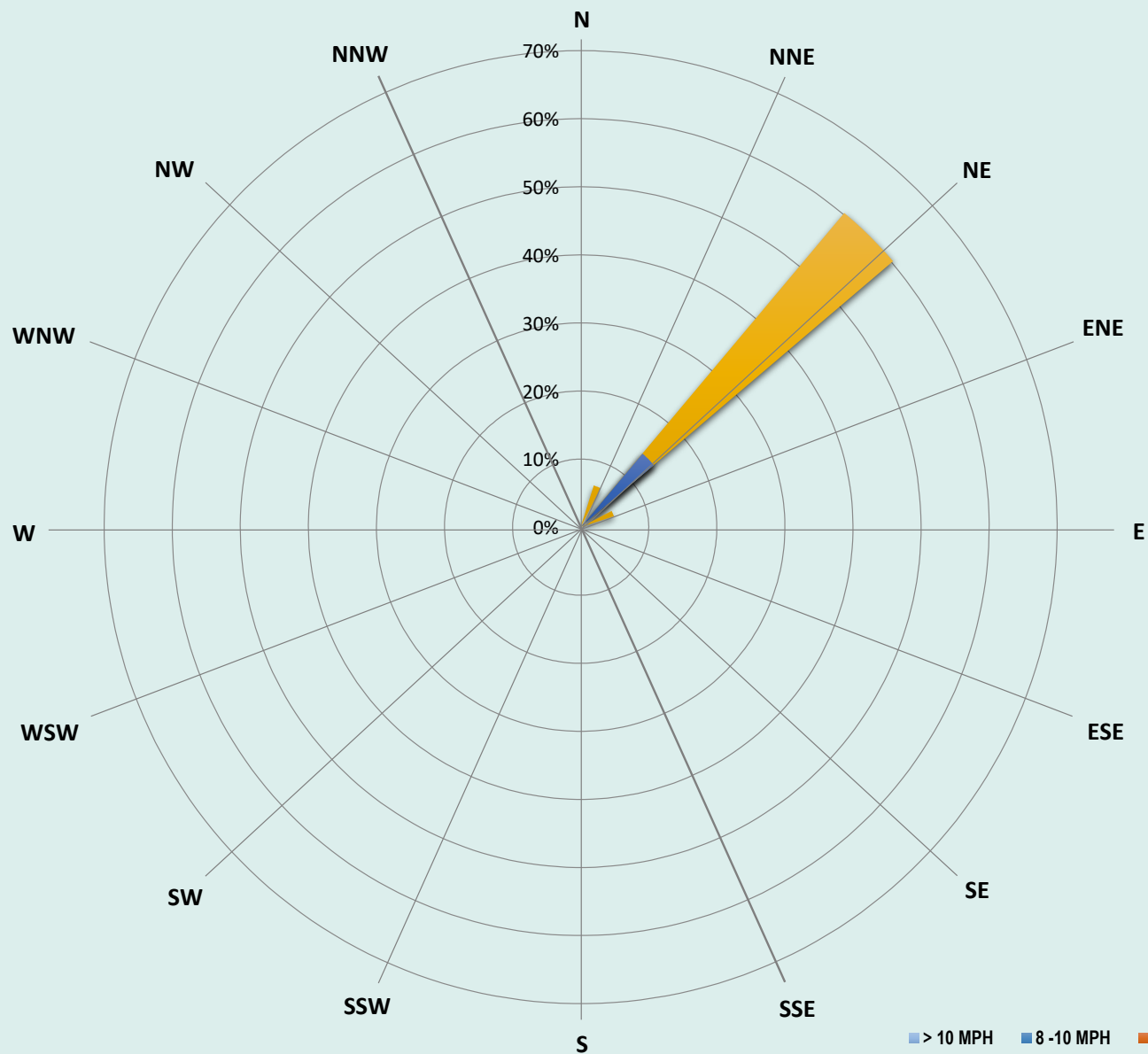
Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	54.0 - 90.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	66.0 - 78.0	Wind Speed (MPH)	1.7 - 5.9	Barometer (inHg)	30.20 - 30.30	Avg. Dew Point Temp (°F)	63.5	

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	29.4	73.7	8:38	0.0	0.0	7:38
Downwind	36.0	64.6	10:38	0.0	0.0	7:38



**Air Monitoring Notes:**

**Weather Notes:**



vEKtor - 450 Union St  
Air Monitoring  
09/17/24  
Wind Speed & Direction  
Daily Readings

Tuesday, September 17, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				25
Start Time:				7:38
End Time:				13:38
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> )	
7:38	34.8	7:38	33.1	-
7:53	27.1	7:53	26.7	-
8:08	23.4	8:08	27.8	-
8:23	24.0	8:23	31.0	-
8:38	73.7	8:38	34.6	-
8:53	23.8	8:53	30.6	-
9:08	54.9	9:08	29.5	-
9:23	20.3	9:23	27.9	-
9:38	52.0	9:38	29.2	-
9:53	28.4	9:53	34.9	-
10:08	27.8	10:08	32.3	-
10:23	28.1	10:23	34.9	-
10:38	22.1	10:38	64.6	-
10:53	20.7	10:53	46.8	-
11:08	23.6	11:08	42.9	-
11:23	23.6	11:23	35.7	-
11:38	26.1	11:38	34.9	-
11:53	37.2	11:53	25.9	-
12:08	29.6	12:08	27.8	-
12:23	20.6	12:23	36.1	-
12:38	23.6	12:38	35.5	-
12:53	22.7	12:53	47.5	-
13:08	23.0	13:08	42.2	-
13:23	21.8	13:23	39.7	-
13:38	22.9	13:38	45.3	-

Tuesday, September 17, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:38
End Time:				13:38
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:38	0.0	7:38	0.0	-
7:53	0.0	7:53	0.0	-
8:08	0.0	8:08	0.0	-
8:23	0.0	8:23	0.0	-
8:38	0.0	8:38	0.0	-
8:53	0.0	8:53	0.0	-
9:08	0.0	9:08	0.0	-
9:23	0.0	9:23	0.0	-
9:38	0.0	9:38	0.0	-
9:53	0.0	9:53	0.0	-
10:08	0.0	10:08	0.0	-
10:23	0.0	10:23	0.0	-
10:38	0.0	10:38	0.0	-
10:53	0.0	10:53	0.0	-
11:08	0.0	11:08	0.0	-
11:23	0.0	11:23	0.0	-
11:38	0.0	11:38	0.0	-
11:53	0.0	11:53	0.0	-
12:08	0.0	12:08	0.0	-
12:23	0.0	12:23	0.0	-
12:38	0.0	12:38	0.0	-
12:53	0.0	12:53	0.0	-
13:08	0.0	13:08	0.0	-
13:23	0.0	13:23	0.0	-
13:38	0.0	13:38	0.0	-



<b>Project:</b>	450 Union Remediation	<b>Project No.:</b>	24-071	<b>Date:</b>	09/17/24
<b>Client:</b>	2201 Union LLC	<b>Location:</b>	Brooklyn, NY	<b>Day of Week:</b>	Tuesday
<b>Owner:</b>	2201 Union LLC	<b>Superintendent:</b>	Rick McKay	<b>Days on Site:</b>	30
<b>Manager:</b>	Trae Deri	<b>Engineer:</b>	Srujan Prasad	<b>Shift Times:</b>	7:00-17:00

<b>Weather:</b>			
<b>Low:</b> 65	<b>Cloud Cover:</b> Sunny	<b>Wind:</b> 5-10MPH	
<b>High:</b> 78	<b>Precipitation:</b> 0"	<b>Direction:</b> SE	
<b>Description of Work Activities:</b>			
<ul style="list-style-type: none"> <li>- 0700 to 0730, GSI held a tailgate safety meeting and discussed the day's planned activities with site personnel.</li> <li>- 0800 to 1200, GSI started excavation for the swell pond casting poly-lined towards the Northwest portion of the jobsite using Kobelco 210 excavator.</li> <li>- 0900 to 1000, GSI moved all the concrete materials which they had on site demolishing the building towards west of the jobsite to make space for the swell using Kobelco 300 excavator.</li> <li>- 1000 to 1100, RPI trucking was on site to pick up the SP80H hammer system.</li> <li>- 1000 to 1030, GSI received a delivery of 300 gallons of Fuel cell tank.</li> <li>- 1200 to 1400, GSI added grout lines, moved the crane mats and Rig towards the South portion of the jobsite and set the batch plant.</li> <li>- 1400 to 1500, GSI performed general maintenance and fueled the equipment's.</li> <li>- 1515, All GSI personnel offsite.</li> </ul>			
<b>Conversation with Client/Inspector:</b>			
<b>Production Delays:</b>			
<b>Safety Topics:</b>			
Discussed: Selective Attention at Work.			

Rick McKay  
 Foreman/Superintendent

09/17/24  
 Date

<b>Project:</b>	450 Union Remediation	<b>Project No.:</b>	24-071	<b>Date:</b>	09/17/24
<b>Client:</b>	2201 Union LLC	<b>Location:</b>	Brooklyn, NY	<b>Day of Week:</b>	Tuesday
<b>Owner:</b>	2201 Union LLC	<b>Superintendent:</b>	Rick McKay	<b>Days on Site:</b>	30
<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>	455.59 CY	4 Columns	<b>10.35% 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	96		
Portland Cement - Type 1L	Ton	0	45		
Disposal Trucks	N/A	7	18		
<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	8.0	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	Daniel Santos	BPO
8.0	Moyno pump(2)	Batch Plant	8.0	Peter Liota	OP
8.0	Delmag Hydraulic Rig	ISS Mixing	8.0	Steven Reda	LAB
8.0	Manlift(1)	Maintenance	8.0	Louis Passannante	OP
8.0	Kobelco 210 Excavaor	ISS Mixing	8.0	Christopher Ramdial	OILER
8.0	250kw Generator	Batch Plant			
8.0	Kobelco 300 Excavator				
<b>96</b>	<b>TOTAL DAY HOURS</b>		<b>72</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 Opearior

*Rick McKay*

Foreman/Superintendent

09/17/24

Date