

**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>	9/9/2024
<b>Project Name:</b>	450 Union Street, Brooklyn, NY		

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

- GSI excavated around manhole and outfall pipe structures within the southeastern portion of the ISS work area and plugged the drainage pipe leading into the manhole. The work area was partially backfilled with the origin material afterwards. Backfilling is slated to be complete by the end of the next workday. Staged material was covered with poly-sheeting by the end of the workday.
- GSI removed an additional 8 feet of solid PVC piping from DB4-MW-4D monitoring well.
- GSI chopped concrete debris with the hammer attachment and utilized fresh water to suppress dust, as needed.

**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 west.

Background Levels (Initial Readings at Start of Day):

PID: 0.0 ppm      Dust: 0.0161 mg/m<sup>3</sup>

Highest Levels:

PID: 0.0 ppm      Dust: 0.0385 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.

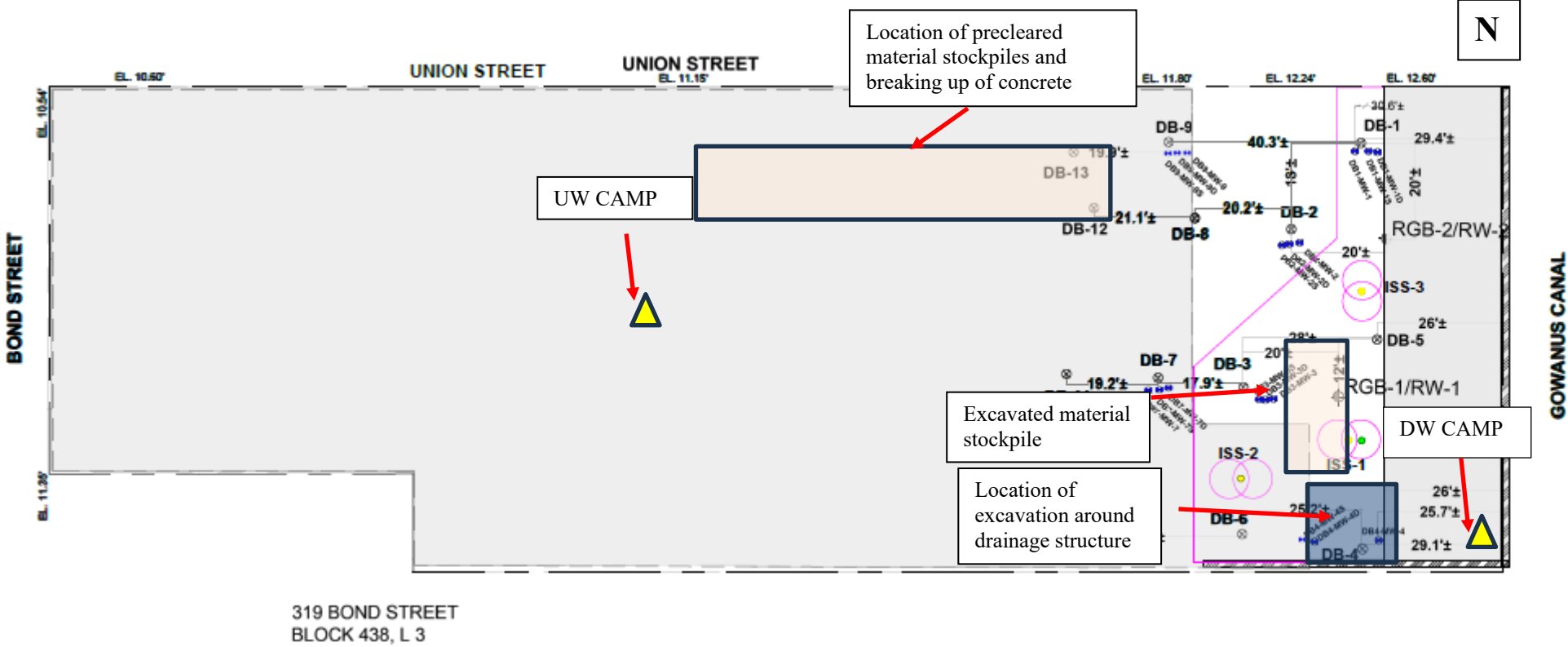
**Problems Encountered**

- None

**Planned Activities for the Next Day**

Continued removal of the obstructions within the entire treatment area as per the NYSDEC approval of the Addendum Letter to the Pilot Test Work Plan for ISS. Continued decommissioning of all groundwater monitoring wells and recovery wells within the work areas via NYSDEC's CP-43 Well Decommissioning Policy. Submission of the RSO Work Plan for the full ISS scope of work pending receipt of the reagent mix wet sample analytical results.

SITE PLAN WITH LOCATIONS



## Photo Log

Photo 1:  
View of GSI excavating in the southeast portion of the ISS work area to uncover the drainage structures, facing south.



Photo 2:  
View of GSI uncovering drainage structure, facing south (west adjacent to the high-level relieving platform)



Photo 3:  
GSI plugging up drainage pipe leading to the manhole, facing south.





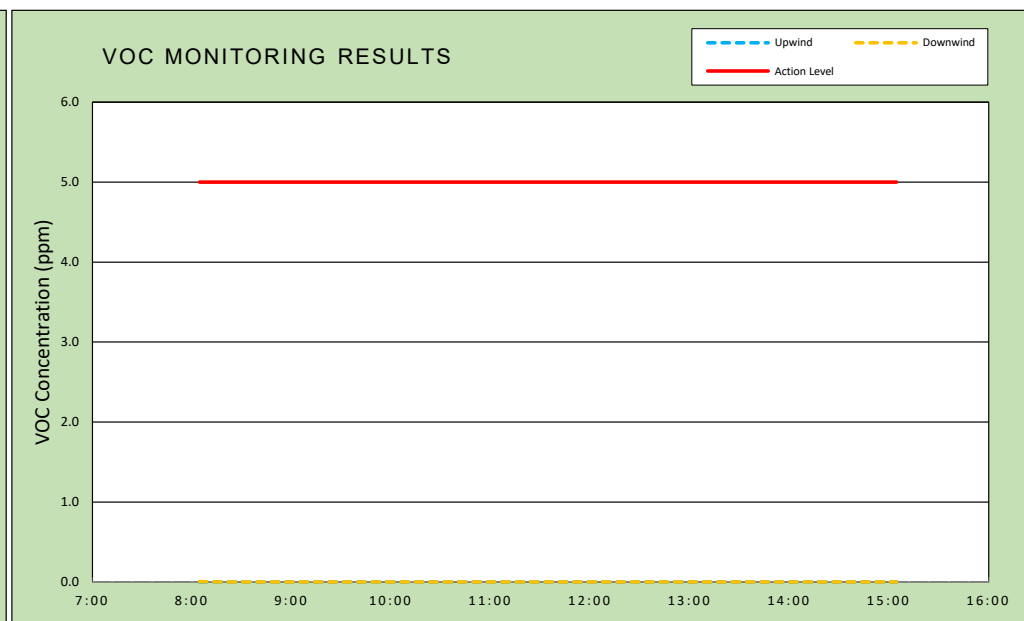
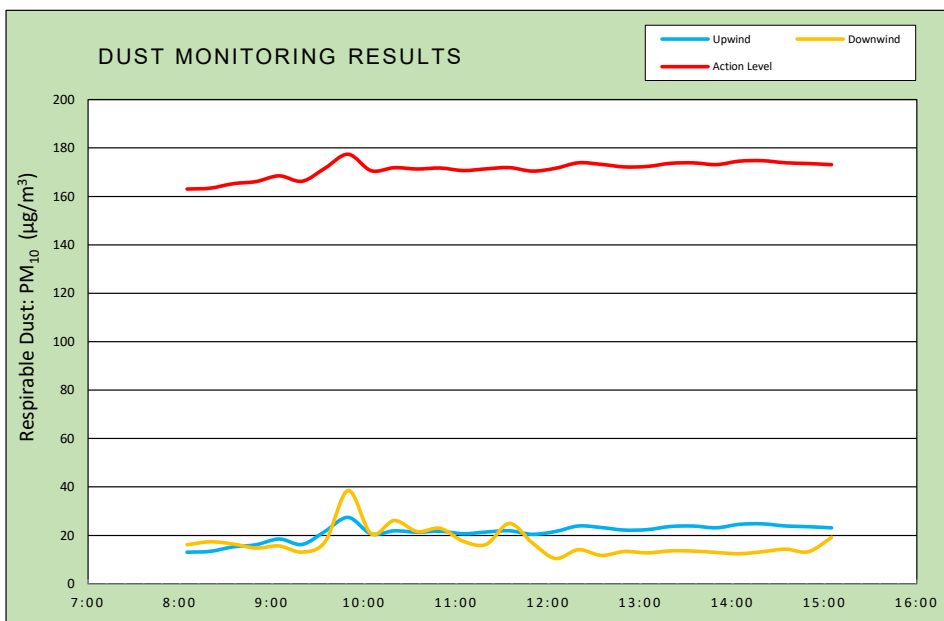
Photo 4:  
GSI reattaching and sealing drainage  
structure in place, facing north.



vEktor consultants	<b>DAILY AIR MONITORING REPORT</b> <b>450 Union Street</b> <b>Brooklyn, New York</b>					09/09/2024	
						Rev. No. 0	Page 1 of 2
						Project Number:	
						Dust Action Level	150 $\mu\text{g}/\text{m}^3$
37 W. 37th St, 6th Floor - New York, NY						VOC Action Level	5 ppm

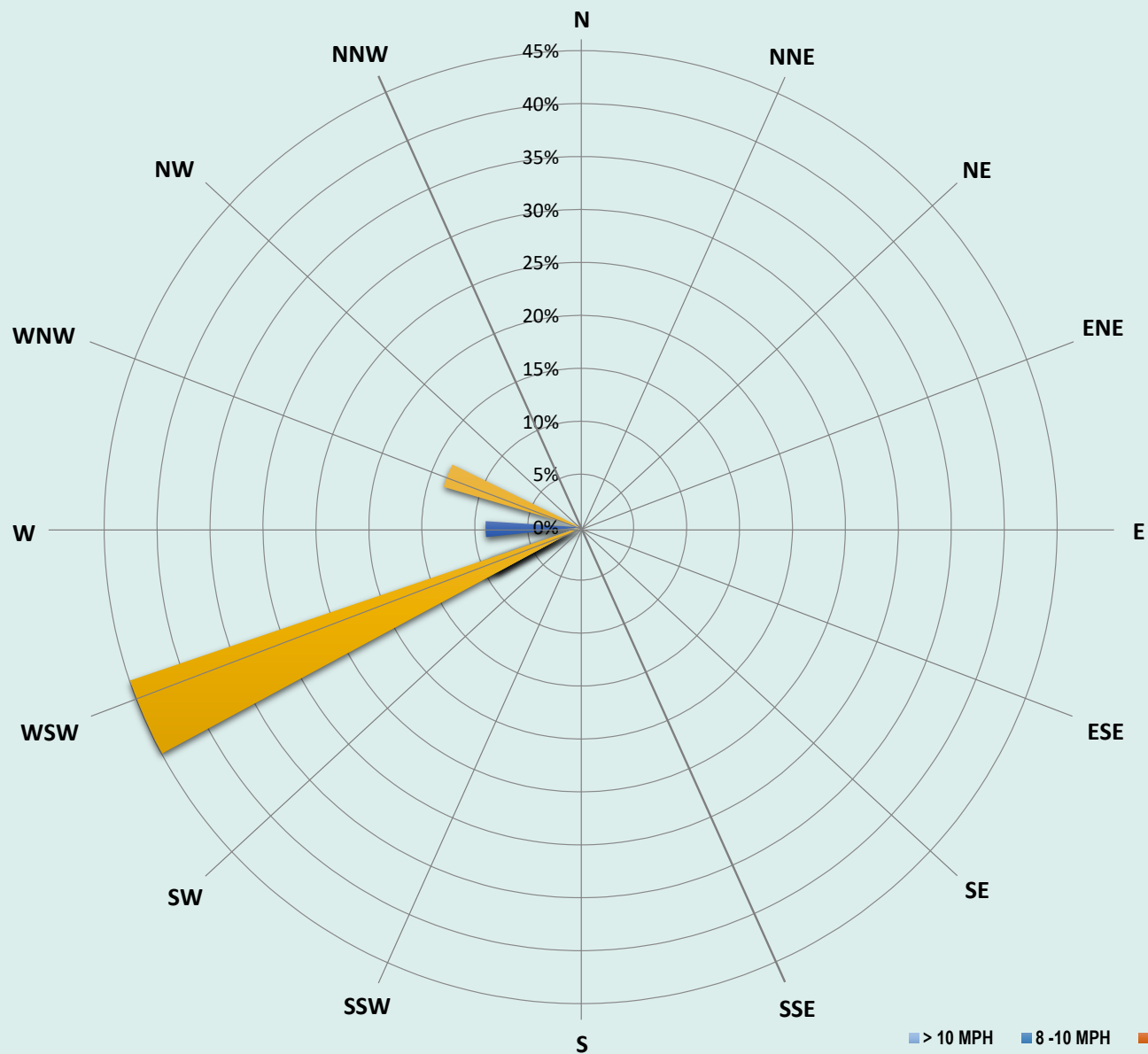
Weather Data Range for Work Day		Wind Direction	WSW	Relative Humidity (%)	34.0 - 65.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	60.0 - 76.0	Wind Speed (MPH)	1.8 - 10.2	Barometer (inHg)	30.10 - 30.10	Avg. Dew Point Temp (°F)	49.3	

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	21.2	27.4	9:50	0.0	0.0	8:05
Downwind	16.9	38.5	9:50	0.0	0.0	8:20



Air Monitoring Notes:

Weather Notes:



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

Monday, September 9, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				29
Start Time:				8:05
End Time:				15:05
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> )	
8:05	13.1	8:05	16.1	-
8:20	13.4	8:20	17.4	-
8:35	15.3	8:35	16.4	-
8:50	16.1	8:50	14.8	-
9:05	18.5	9:05	15.6	-
9:20	16.3	9:20	13.1	-
9:35	21.7	9:35	17.4	-
9:50	27.4	9:50	38.5	-
10:05	20.6	10:05	20.6	-
10:20	21.9	10:20	26.1	-
10:35	21.3	10:35	21.6	-
10:50	21.7	10:50	22.9	-
11:05	20.7	11:05	17.6	-
11:20	21.4	11:20	16.3	-
11:35	21.9	11:35	24.9	-
11:50	20.5	11:50	16.9	-
12:05	21.6	12:05	10.5	-
12:20	23.9	12:20	14.1	-
12:35	23.2	12:35	11.7	-
12:50	22.2	12:50	13.4	-
13:05	22.4	13:05	12.8	-
13:20	23.7	13:20	13.6	-
13:35	23.9	13:35	13.5	-
13:50	23.1	13:50	12.9	-
14:05	24.6	14:05	12.4	-
14:20	24.8	14:20	13.3	-
14:35	23.9	14:35	14.3	-
14:50	23.6	14:50	13.3	-
15:05	23.1	15:05	19.2	-

Monday, September 9, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				8:05
End Time:				15:05
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
8:05	0.0	8:05	0.0	-
8:20	0.0	8:20	0.0	-
8:35	0.0	8:35	0.0	-
8:50	0.0	8:50	0.0	-
9:05	0.0	9:05	0.0	-
9:20	0.0	9:20	0.0	-
9:35	0.0	9:35	0.0	-
9:50	0.0	9:50	0.0	-
10:05	0.0	10:05	0.0	-
10:20	0.0	10:20	0.0	-
10:35	0.0	10:35	0.0	-
10:50	0.0	10:50	0.0	-
11:05	0.0	11:05	0.0	-
11:20	0.0	11:20	0.0	-
11:35	0.0	11:35	0.0	-
11:50	0.0	11:50	0.0	-
12:05	0.0	12:05	0.0	-
12:20	0.0	12:20	0.0	-
12:35	0.0	12:35	0.0	-
12:50	0.0	12:50	0.0	-
13:05	0.0	13:05	0.0	-
13:20	0.0	13:20	0.0	-
13:35	0.0	13:35	0.0	-
13:50	0.0	13:50	0.0	-
14:05	0.0	14:05	0.0	-
14:20	0.0	14:20	0.0	-
14:35	0.0	14:35	0.0	-
14:50	0.0	14:50	0.0	-
15:05	0.0	15:05	0.0	-



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

<b>Weather:</b>		
<b>Low:</b> 56	<b>Cloud Cover:</b> Sunny	<b>Wind:</b> 10-15MPH
<b>High:</b> 77	<b>Precipitation:</b> 0"	<b>Direction:</b> WSW
<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>- 0730 to 1500, GSI Beginning excavation around the manhole towards the South portion of the jobsite using Kobelco 300 excavator, Clearing big pieces of concrete rocks and steel plates.</li> <li>- 1200 to 1300, GSI used 210 Kobelco excavator and hydraulic hammer to break the big pieces of concrete chunks.</li> <li>- 1200 to 1400, GSI moved the excavated concrete material towards the West of the jobsite using Kobelco excavator and casted on a poly-lined and stockpile.</li> <li>- 1430 to 1500, Kobelco excavator managed ISS spoils, fueled equipment and performed general maintenance.</li> <li>- 1530, All GSI personnel offsite.</li> </ul>		
<b>Conversation with Client/Inspector:</b>		
Discussed with Union LLC to keep the manhole as it is and not plugging the pipe.		
<b>Production Delays:</b>		
GSI Beginning excavation around the manhole towards the South portion of the jobsite using Kobelco 300 excavator, Clearing big pieces of concrete rocks and steel plates.		
<b>Safety Topics:</b>		
Discussed: Burn Hazards and injuries prevention .		

Rick McKay  
 Foreman/Superintendent

09/09/24  
 Date

<b>Project:</b>	450 Union Remediation	<b>Project No.:</b>	24-071	<b>Date:</b>	09/09/24
<b>Client:</b>	2201 Union LLC	<b>Location:</b>	Brooklyn, NY	<b>Day of Week:</b>	Monday
<b>Owner:</b>	2201 Union LLC	<b>Superintendent:</b>	Rick Mckay	<b>Days on Site:</b>	24
<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		
<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	8.5	Miguel Maldonado	LAB
8.0	Flash mixers (2)	Batch Plant		Daniel Oliveira	BPO
8.0	Moyno pump(2)	Batch Plant	8.5	Peter Liota	OP
8.0	Delmag Hydraulic Rig	ISS Mixing	8.5	Steven Reda	LAB
8.0	Manlift(1)	Maintenance			
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>52</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

09/09/24

Date