

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:	8/21/2024
Project Name:	450 Union Street, Brooklyn, NY		

Consultant: Vektor Consultants – Antonio Cardenas Visitors: NYSDEC – Meghan Medwid	Personnel On-Site: Geo-Solutions Inc.- Subcontractor
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Work Activities Performed:

- GSI continued preclearing ISS-2 for pilot test column installation. GSI used a hammer attachment for the excavator to facilitate the removal of the large concrete obstruction in the column location. GSI was unable to full remove the obstruction.

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 northwest.

Background Levels (Initial Readings at Start of Day):

PID: 0.0 ppm Dust: 0.0309 mg/m³

Highest Levels:

PID: 0.0 ppm Dust: 0.0737 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 removal of the obstruction in the ISS-2 column locations. Installation of pilot test column ISS-2.

SITE PLAN WITH LOCATIONS

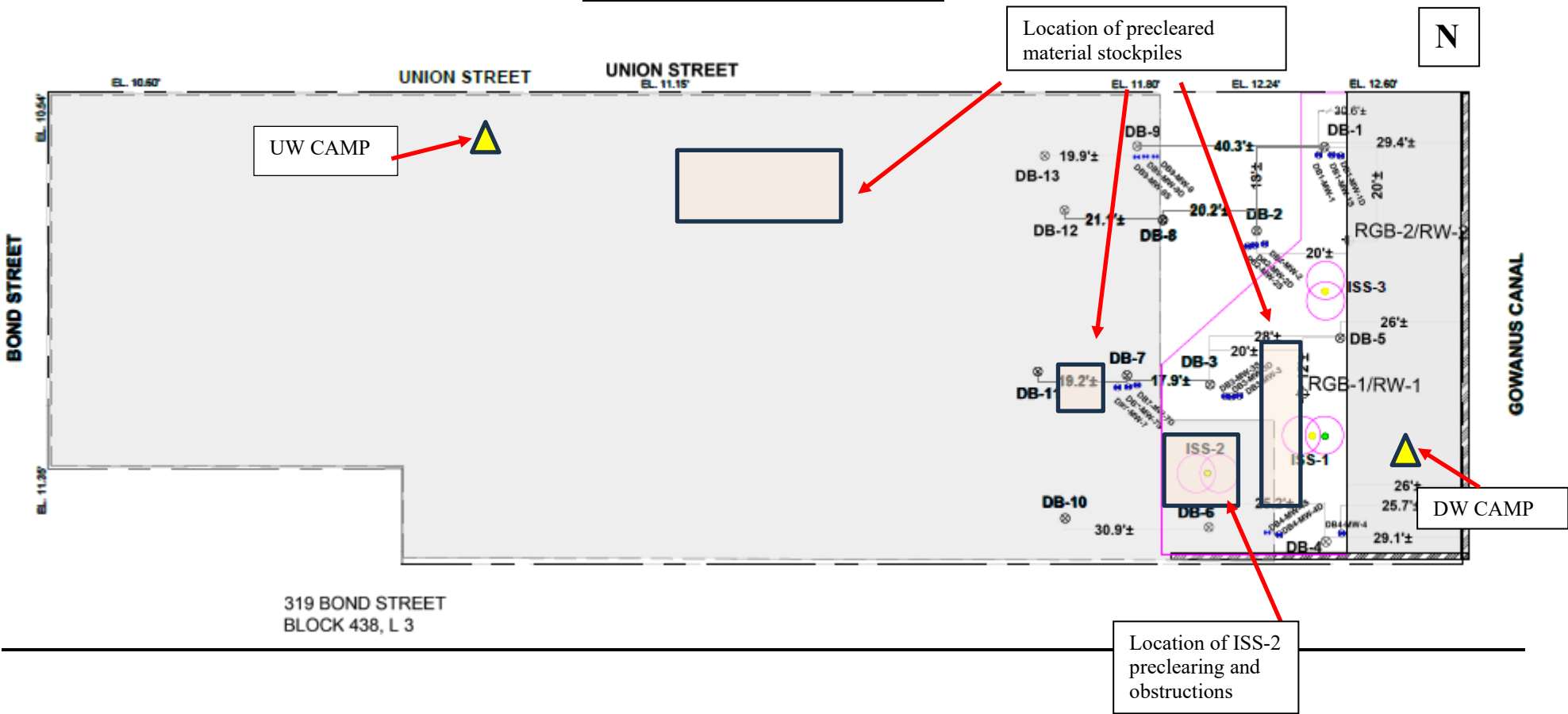


Photo Log

Photo 1:
View of preclearing of the ISS-2
location, facing east.



Photo 2:
View of ISS-2 preclearing location
with dust suppression, facing west.



Photo 3:
GSI preclearing ISS-2, facing north.



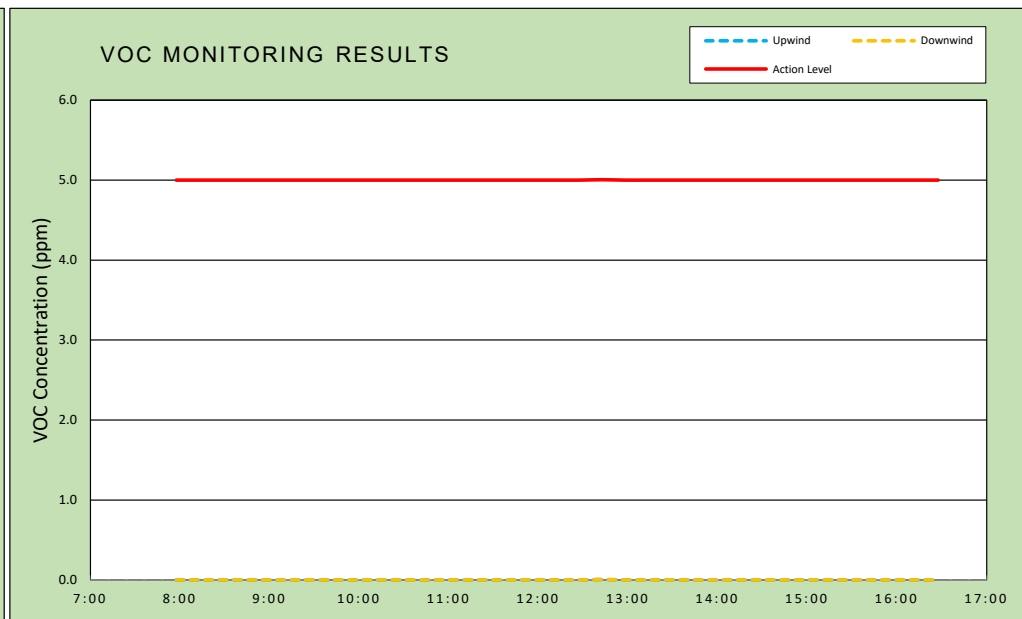
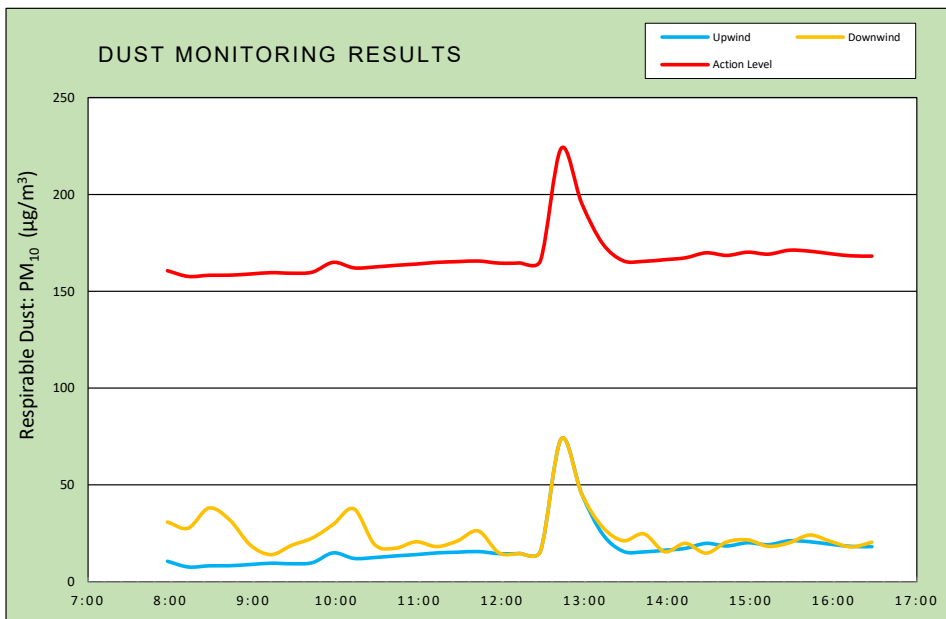
Photo 4:
View of debris stockpile covered with
poly sheeting and secured at the end
of the day, facing north.



vEktor consultants 37 W. 37th St, 6th Floor - New York, NY	DAILY AIR MONITORING REPORT 450 Union Street Brooklyn, New York				08/21/2024	
					Rev. No. 0	Page 1 of 2
					Project Number:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
		VOC Action Level	5 ppm			

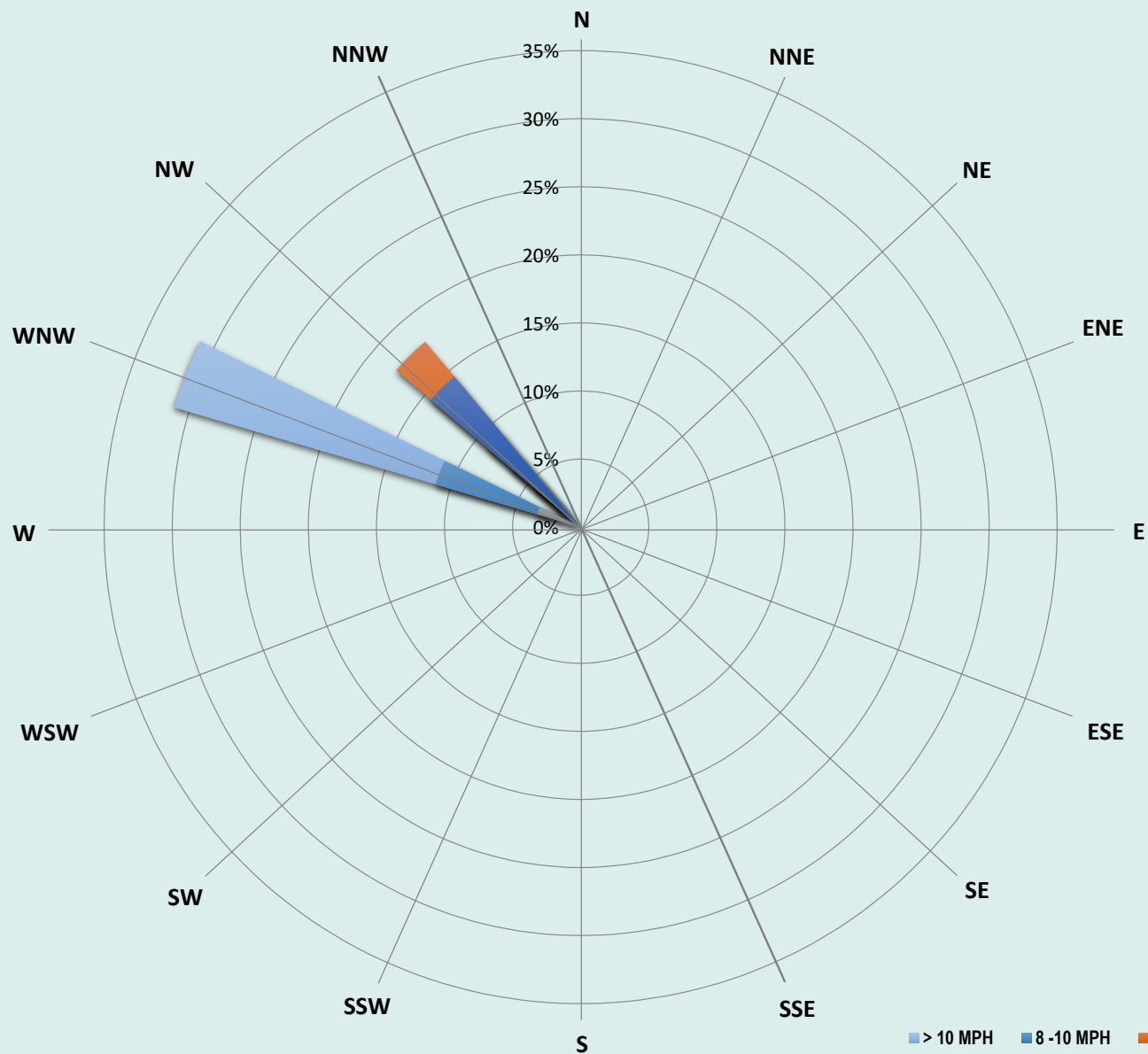
Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	35.0 - 78.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	57.0 - 76.0	Wind Speed (MPH)	1.7 - 11.3	Barometer (inHg)	30.00 - 30.10	Avg. Dew Point Temp (°F)	49.1	

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	17.5	73.7	12:43	0.0	0.0	12:43
Downwind	24.2	73.7	12:43	0.0	0.0	7:58



Air Monitoring Notes:

Weather Notes:



vEKtor - 450 Union St
Air Monitoring
08/21/24
Wind Speed & Direction
Daily Readings

Wednesday, August 21, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				35
Start Time:				7:58
End Time:				16:28
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m ³)	Time	15-Min Avg Concentration (ug/m ³)	
7:58	10.6	7:58	30.9	-
8:13	7.7	8:13	27.7	-
8:28	8.3	8:28	38.1	-
8:43	8.3	8:43	32.0	-
8:58	8.9	8:58	19.0	-
9:13	9.6	9:13	14.0	-
9:28	9.3	9:28	18.9	-
9:43	9.9	9:43	22.7	-
9:58	14.9	9:58	29.7	-
10:13	12.1	10:13	37.7	-
10:28	12.5	10:28	19.2	-
10:43	13.4	10:43	17.3	-
10:58	14.0	10:58	20.7	-
11:13	14.9	11:13	18.2	-
11:28	15.3	11:28	21.1	-
11:43	15.6	11:43	26.3	-
11:58	14.5	11:58	15.0	-
12:13	14.6	12:13	14.6	-
12:28	15.7	12:28	15.7	-
12:43	73.7	12:43	73.7	-
12:58	45.2	12:58	45.2	-
13:13	24.7	13:13	28.3	-
13:28	15.7	13:28	21.2	-
13:43	15.5	13:43	24.7	-
13:58	16.3	13:58	15.5	-
14:13	17.3	14:13	19.9	-
14:28	19.9	14:28	14.8	-
14:43	18.5	14:43	20.6	-
14:58	20.2	14:58	21.7	-
15:13	19.2	15:13	18.3	-
15:28	21.2	15:28	20.1	-
15:43	20.7	15:43	24.2	-
15:58	19.4	15:58	20.9	-
16:13	18.3	16:13	18.0	-
16:28	18.1	16:28	20.5	-

Wednesday, August 21, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:58
End Time:				16:28
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:58	0.0	7:58	0.0	-
8:13	0.0	8:13	0.0	-
8:28	0.0	8:28	0.0	-
8:43	0.0	8:43	0.0	-
8:58	0.0	8:58	0.0	-
9:13	0.0	9:13	0.0	-
9:28	0.0	9:28	0.0	-
9:43	0.0	9:43	0.0	-
9:58	0.0	9:58	0.0	-
10:13	0.0	10:13	0.0	-
10:28	0.0	10:28	0.0	-
10:43	0.0	10:43	0.0	-
10:58	0.0	10:58	0.0	-
11:13	0.0	11:13	0.0	-
11:28	0.0	11:28	0.0	-
11:43	0.0	11:43	0.0	-
11:58	0.0	11:58	0.0	-
12:13	0.0	12:13	0.0	-
12:28	0.0	12:28	0.0	-
12:43	0.0	12:43	0.0	-
12:58	0.0	12:58	0.0	-
13:13	0.0	13:13	0.0	-
13:28	0.0	13:28	0.0	-
13:43	0.0	13:43	0.0	-
13:58	0.0	13:58	0.0	-
14:13	0.0	14:13	0.0	-
14:28	0.0	14:28	0.0	-
14:43	0.0	14:43	0.0	-
14:58	0.0	14:58	0.0	-
15:13	0.0	15:13	0.0	-
15:28	0.0	15:28	0.0	-
15:43	0.0	15:43	0.0	-
15:58	0.0	15:58	0.0	-
16:13	0.0	16:13	0.0	-
16:28	0.0	16:28	0.0	-

Project:	450 Union Remediation	Project No.:	24-071	Date:	08/21/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Wednesday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	12
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00

Weather:		
Low: 57	Cloud Cover: Sunny	Wind: 10-15MPH
High: 75	Precipitation: 0"	Direction: WNW
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. - At 1030, United Rentals were on site to address the mechanical issue of the hydraulic pin in the Kobelco Excavator. - At 1130, GSI received a delivery of Hydraulic hammer from United Rentals. - 0800 to 1630, GSI attempted to excavate the obstruction prior to abandoning the column B3 and B4 for completion at a later date using Kobelco excavator, clearing big pieces of concrete rocks and steel plates. GSI was unsuccessful in removing the obstruction. - 1200 to 1630, GSI began to fracture/puncture through the concrete (slab/rocks/obstruction) using hydraulic hammer. The materials/obstruction were hard to punch through/break, and was unsuccessful in removing the obstruction. GSI will relocate and attempt to clear the obstruction during the next shift. - 1630 to 1700, Kobelco excavator backfilled with spoils, fueled equipment and performed general maintenance. - 1715, All GSI personnel offsite. 		
Conversation with Client/Inspector:		
Production Delays:		
GSI attempted to excavate the column B3 and B4 obstruction prior to abandoning the column for completion at a later date.		
Safety Topics:		
Discussed: Top Five Reasons to Work Safely - health, Providing for your family, reputation, coworkers and company as a whole.		

Rick McKay
 Foreman/Superintendent

08/21/24
 Date

Project:	450 Union Remediation				Project No.:	24-071		Date:	08/21/24	
Client:	2201 Union LLC				Location:	Brooklyn, NY		Day of Week:	Wednesday	
Owner:	2201 Union LLC				Superintendent:	Rick McKay		Days on Site:	12	
Manager:	Trae Deri				Engineer:	Srujan Prasad		Shift Times:	7:00-17:00	
Production:					Completion:					
Today: 0.00 CY 0 Columns					5% Columns					
To-Date: 227.34 CY 2 Columns					5.17% CY					
Materials Received:										
Material		Unit	Today			Total		Notes		
Slag- Grade 120		Ton	0			76				
Portland Cement - Type 1L		Ton	0			25				
Hours	Equipment		Task			Hours	Employees On Site			Trade
10.0	Offroad Forklift		Material Handling				Trae Deri			PM
10.0	185 Air Compressor		ISS Mixing			10.5	Rick McKay			SUPT
10.0	Conex box(1)		Storage			10.5	Srujan Prasad			ENG
10.0	300kw Generator		Batch Plant			10.5	Eric Shannon			DRILL
10.0	Lo-pro silo(2)		Cement Storage			10.0	Miguel Maldonado			LAB
10.0	Flash mixers (2)		Batch Plant			8.0	Daniel Oliveira			BPO
10.0	Moyno pump(2)		Batch Plant			10.5	Peter Liota			OP
10.0	Delmag Hydraulic Rig		ISS Mixing			8.0	Christopher Ramdial			Oiler
10.0	Manlift(2)		Maintenance			10.0	Steven Reda			LAB
10.0	Kobelco Excavaor		ISS Mixing			9.5	Santo Oliveri			OP
10.0	250kw Generator		Batch Plant							
110	TOTAL DAY HOURS					88	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 Opeartor

Rick McKay

Foreman/Superintendent

08/21/24

Date