

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:	8/22/2024
Project Name:	450 Union Street, Brooklyn, NY		

Consultant: Vektor Consultants – Antonio Cardenas Visitors: WSP – Chris Disclafani	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 completed the obstruction removal and prepared the area for column installation.

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: 0.0214 mg/m³

Highest Levels:

PID: 0.0 ppm Dust: 0.0384 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

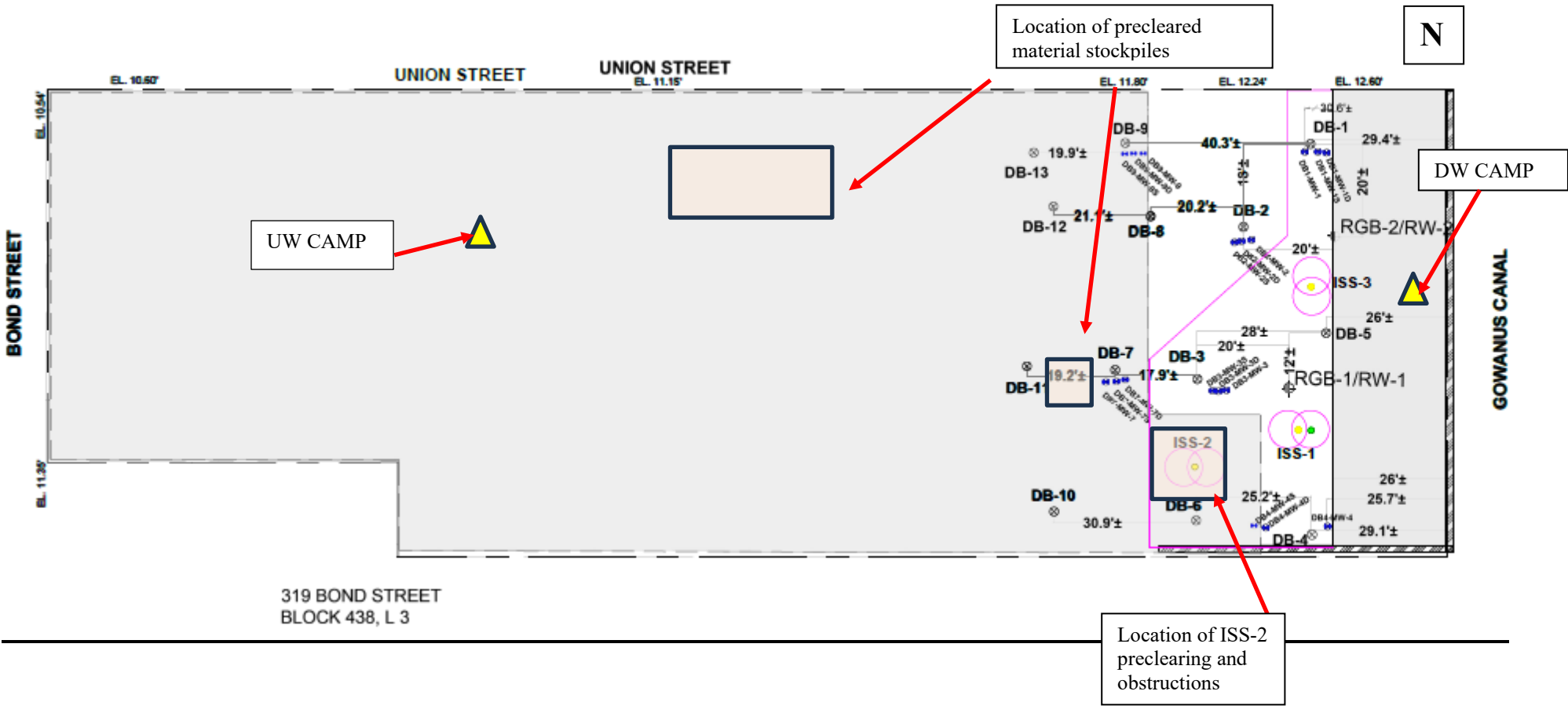


Photo Log

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



Photo 2:
View of ISS-2 preclearing location
with hammer attachment, facing west.



Photo 3:
GSI preclearing ISS-2 with water
suppression, facing west.



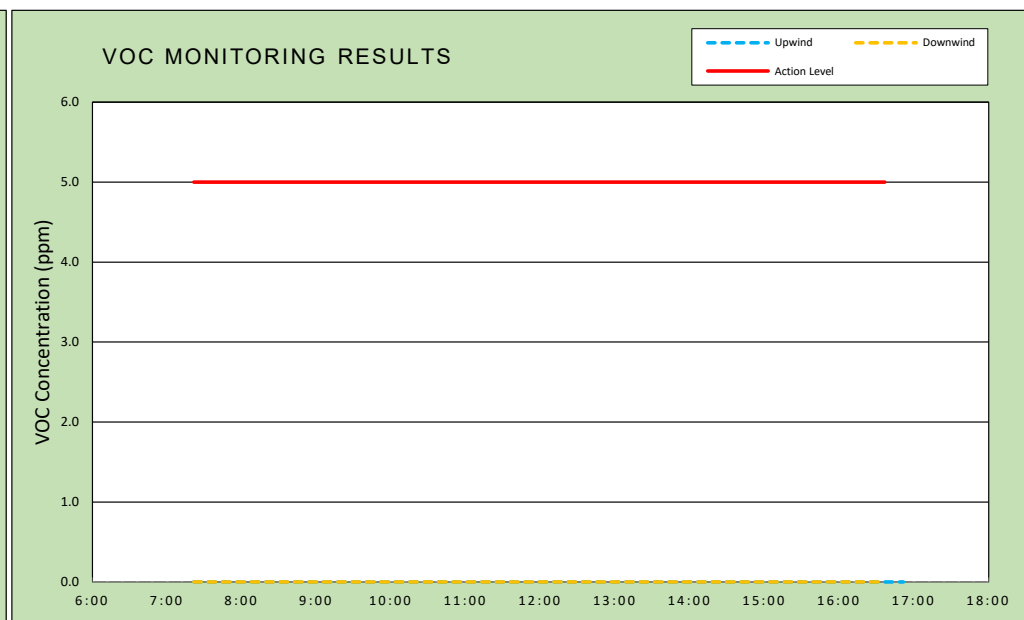
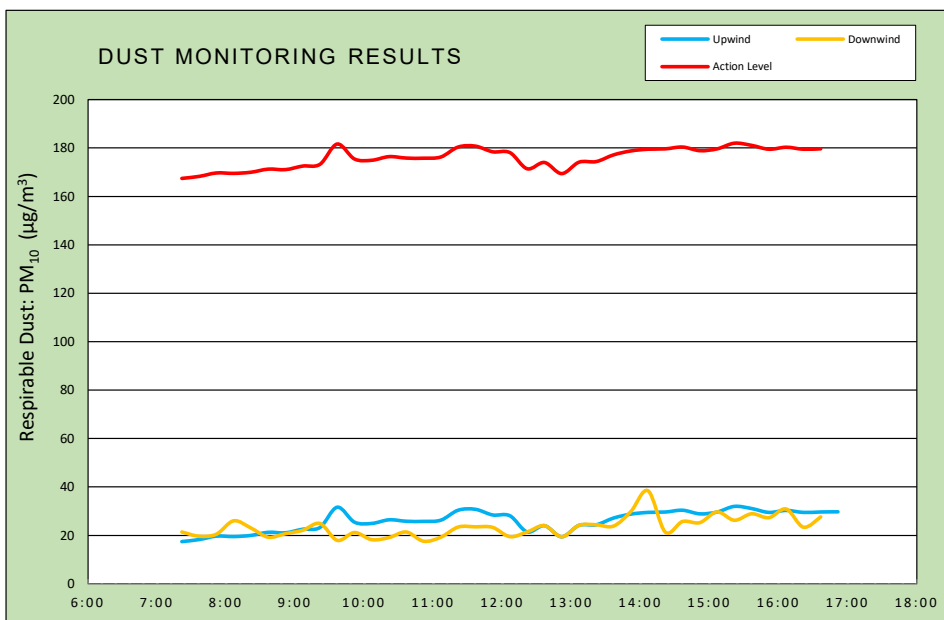
Photo 4:
View of grading and backfilling ISS-2
area with removed soils, facing north.



vEktor consultants	DAILY AIR MONITORING REPORT 450 Union Street Brooklyn, New York					08/22/2024	
						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

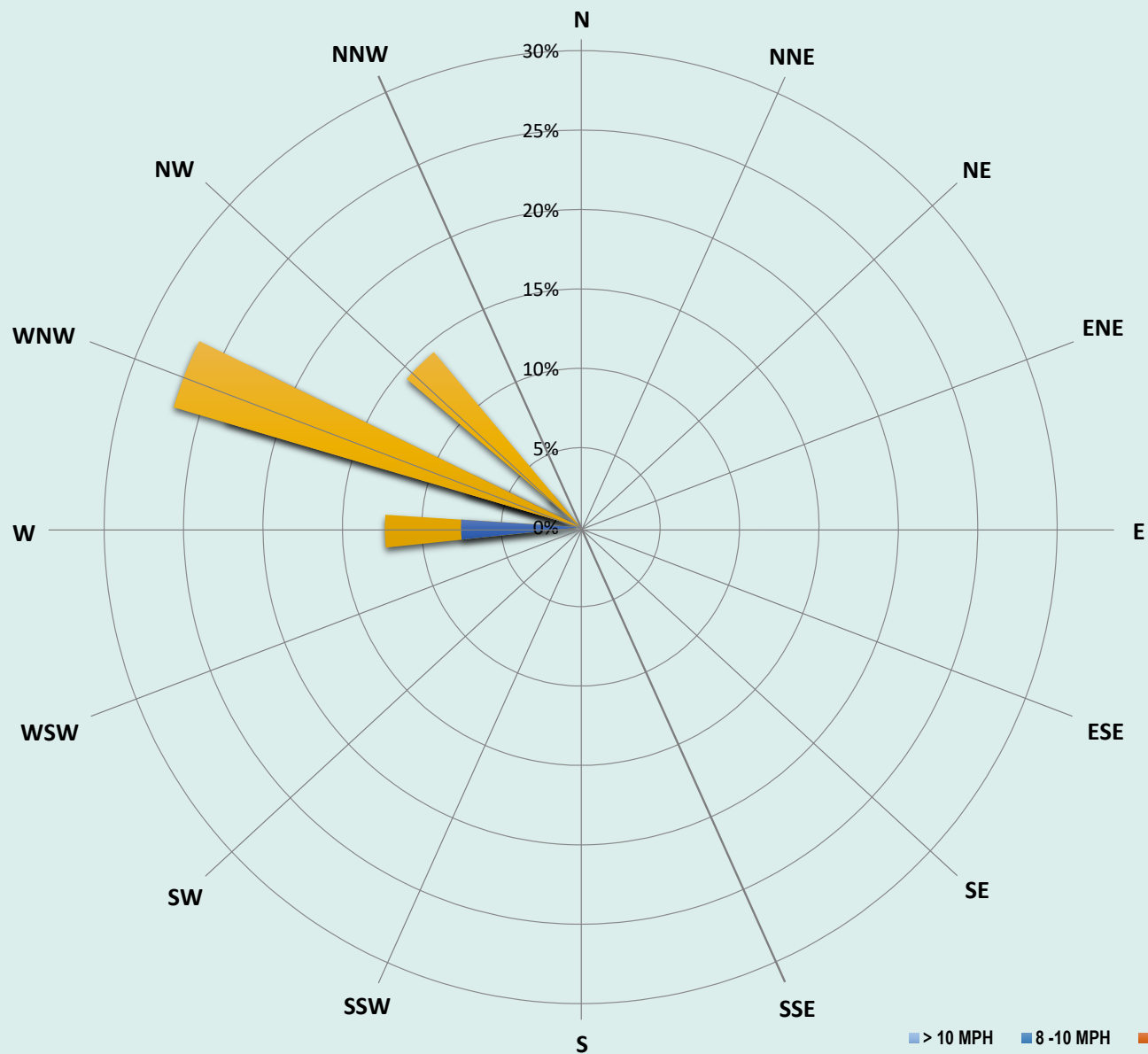
Weather Data Range for Work Day		Wind Direction	WNW	Relative Humidity (%)	38.0 - 77.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	60.0 - 78.0	Wind Speed (MPH)	1.3 - 8.2	Barometer (inHg)	30.20 - 30.20	Avg. Dew Point Temp (°F)	53.1	

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	26.1	32.0	15:22	0.0	0.0	7:22
Downwind	23.5	38.4	14:07	0.0	0.0	7:22



Air Monitoring Notes:

Weather Notes:



vEKtor - 450 Union St
Air Monitoring
08/22/24
Wind Speed & Direction
Daily Readings

Thursday, August 22, 2024				
Number of Instances Where Downwind Particulates				0
Number of Comparable Data Points =				39
Start Time:				7:22
End Time:				16:52
PARTICULATE DATA				
Upwind		Downwind		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m ³)	Time	15-Min Avg Concentration (ug/m ³)	
7:22	17.4	7:22	21.4	-
7:37	18.3	7:37	19.7	-
7:52	19.7	7:52	20.5	-
8:07	19.5	8:07	26.0	-
8:22	20.0	8:22	23.1	-
8:37	21.3	8:37	19.3	-
8:52	21.1	8:52	20.7	-
9:07	22.5	9:07	22.1	-
9:22	23.3	9:22	24.9	-
9:37	31.6	9:37	17.9	-
9:52	25.5	9:52	21.2	-
10:07	24.9	10:07	18.2	-
10:22	26.4	10:22	19.1	-
10:37	25.8	10:37	21.4	-
10:52	25.8	10:52	17.6	-
11:07	26.3	11:07	19.3	-
11:22	30.4	11:22	23.4	-
11:37	30.8	11:37	23.5	-
11:52	28.4	11:52	23.3	-
12:07	28.1	12:07	19.5	-
12:22	21.4	12:22	21.4	-
12:37	24.0	12:37	24.0	-
12:52	19.4	12:52	19.4	-
13:07	24.1	13:07	24.1	-
13:22	24.4	13:22	24.4	-
13:37	27.2	13:37	23.8	-
13:52	28.8	13:52	29.8	-
14:07	29.5	14:07	38.4	-
14:22	29.6	14:22	21.4	-
14:37	30.4	14:37	25.7	-
14:52	28.9	14:52	25.3	-
15:07	29.6	15:07	29.7	-
15:22	32.0	15:22	26.2	-
15:37	31.1	15:37	28.9	-
15:52	29.5	15:52	27.3	-
16:07	30.3	16:07	30.9	-
16:22	29.5	16:22	23.4	-
16:37	29.7	16:37	27.6	-
16:52	29.7	16:52	-	-

Thursday, August 22, 2024				
Number of Instances Where Downwind VOCs Exceeds				0
Number of Comparable Data Points =				0
Start Time:				7:22
End Time:				16:52
PID DATA				
Upwind		Downwind		Exceeds VOC Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:22	0.0	7:22	0.0	-
7:37	0.0	7:37	0.0	-
7:52	0.0	7:52	0.0	-
8:07	0.0	8:07	0.0	-
8:22	0.0	8:22	0.0	-
8:37	0.0	8:37	0.0	-
8:52	0.0	8:52	0.0	-
9:07	0.0	9:07	0.0	-
9:22	0.0	9:22	0.0	-
9:37	0.0	9:37	0.0	-
9:52	0.0	9:52	0.0	-
10:07	0.0	10:07	0.0	-
10:22	0.0	10:22	0.0	-
10:37	0.0	10:37	0.0	-
10:52	0.0	10:52	0.0	-
11:07	0.0	11:07	0.0	-
11:22	0.0	11:22	0.0	-
11:37	0.0	11:37	0.0	-
11:52	0.0	11:52	0.0	-
12:07	0.0	12:07	0.0	-
12:22	0.0	12:22	0.0	-
12:37	0.0	12:37	0.0	-
12:52	0.0	12:52	0.0	-
13:07	0.0	13:07	0.0	-
13:22	0.0	13:22	0.0	-
13:37	0.0	13:37	0.0	-
13:52	0.0	13:52	0.0	-
14:07	0.0	14:07	0.0	-
14:22	0.0	14:22	0.0	-
14:37	0.0	14:37	0.0	-
14:52	0.0	14:52	0.0	-
15:07	0.0	15:07	0.0	-
15:22	0.0	15:22	0.0	-
15:37	0.0	15:37	0.0	-
15:52	0.0	15:52	0.0	-
16:07	0.0	16:07	0.0	-
16:22	0.0	16:22	0.0	-
16:37	0.0	16:37	0.0	-
16:52	0.0	16:52	-	-

Project:	450 Union Remediation	Project No.:	24-071	Date:	08/22/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Thursday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	13
Manager:	Trae Deri	Engineer:	Srujan Prasad	Shift Times:	7:00-17:00

Weather:			
Low: 59	Cloud Cover: Sunny	Wind: 10-15MPH	
High: 78	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. - 1300, GSI received a delivery of dumpster. - 0800 to 1630, GSI began to excavate the obstruction prior to abandoning the column B3 and B4 upto 15ftgbs for completion at a later date using Kobelco excavator and hydraulic hammer, clearing big pieces of concrete rocks upto 300CY. GSI was successful in removing the obstruction. - 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: Four Focus Items for Work Area Inspections.			

Rick McKay
 Foreman/Superintendent

08/22/24
 Date

Project:	450 Union Remediation	Project No.:	24-071	Date:	08/22/24
Client:	2201 Union LLC	Location:	Brooklyn, NY	Day of Week:	Thursday
Owner:	2201 Union LLC	Superintendent:	Rick McKay	Days on Site:	13
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(1)	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

08/22/24

Date