LANGAN

DAILY STATUS REPORT

Prepared By: Daniel Horvath

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

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	10/07/2024
NYSDEC BCP Site No:	C224353			Time:	06:00 – 16:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Daniel Horvath (Environmental) **Monadnock:** Michael Sullivan **United Concrete:** Claudio Cappiello, Miguel Flores and laborers **AARCO:** Jose Garcia, Tim Terlaga

EQUIPMENT ON SITE: Bobcat T76 Skid Steer, Komatsu PC 490 LC Excavator, Geoprobe® 7822DT direct-push drill rig

Site Activities

- Langan mobilized to the Site with AARCO Environmental Services, Inc. (AARCO), the drilling contractor, to implement the waste characterization sampling for disposal facility approval purposes.
- Langan used a handheld GPS unit to locate the former boring locations.
- AARCO used a Geoprobe® 7822DT direct-push drill rig to advance soil borings LSB192 through LSB199 to a depth of 15 feet below ground surface (bgs) and soil borings LSB34_2 to a depth of 20 bgs.

Samples Collected

- Langan collected the following soil samples for submission to the laboratory:

Sample ID	Sample Depth (feet bgs)	Analysis	Boring Depth (feet bgs)
WC30F_R	4-7	Total Lead, TCLP Lead	15
WC30H_R	9.5-13.5	Total Lead, TCLP Lead	15
WC31E_R	3-6	Total Lead, TCLP Lead	15
WC31F_R	5.5-9	Total Lead, TCLP Lead	15
LSB34_0-1	0-1	SPLP PFOA, SPLP PFOS	20
LSB34_3-4	3-4	SPLP PFOA, SPLP PFOS	20
LSB34_6-7	6-7	SPLP PFOA, SPLP PFOS	20
LSB34_8-9	8-9	SPLP PFOA, SPLP PFOS	20
LSB34_12-13	12-13	SPLP PFOA, SPLP PFOS	20
LSB34_14-15	14-15	SPLP PFOA, SPLP PFOS	20
LSB34_18-19	18-19	SPLP PFOA, SPLP PFOS	20

Samples Collected (Continued)

- Additional samples were collected for analysis of total lead, lead by TCLP, VOCs, SVOCs, Pesticides, Herbicides, PCBs, TAL Metals, Hexavalent Chromium, Cyanide, EPH, Full TCLP, RCRA Hazardous Characteristics and placed on hold.

Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during import during soil disturbance. CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at dedicated locations on the downwind and upwind perimeter of the Site, as well as a personal DataRam (pDR) and photoionization detector (PID) at a work zone monitoring station.
    - Dust and VOC concentrations were not detected in exceedance of the daily short-term exposure limit (STEL).

Problems Encountered

- None

Activities Scheduled for Next Day

- Trucks will traverse through the logistical zone of the Site to the adjacent Site to the east (BCP Site No. C224290) for the loading and export of material and the installation of Support of Excavation.
- AARCO will continue to advance soil borings for the waste characterization sampling. The waste characterization investigation will continue through 11 October 2024.

Two Week Outlook

- Trucks will continue to traverse through the logistical zone of the Site to the adjacent Site to the east (BCP Site No. C224290) for the loading and export of material and the installation of Support of Excavation.

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Truck Count Log of Imported Material										
Facility/Material:	Tilcon New York Inc., Mount Hope Quarry *(1.5-inch Clean Stone)*		Tilcon New York Inc., Mount Hope Quarry *(0.75-inch Clean Stone)*		Braen Stone of Sparta Lafayette, New Jersey *(1.5-inch Clean Stone)*		Braen Stone of Sparta Lafayette, New Jersey *(0.75-inch Clean Stone)*		----	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards
Today:	0	0	0	0	0	0	0	0	----	----
Total:	4	80	0	0	25	500	0	0	----	----
Approved Quantity:	----	500	----	500	----	1,000	----	500	----	----
Facility/Material:	----		----		----		----		----	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards
Today:	----	----	----	----	----	----	----	----	----	----
Total:	----	----	----	----	----	----	----	----	----	----
Approved Quantity:	----	----	----	----	----	----	----	----	----	----

Note: 20 cubic yards assumed per truckload

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Truck Count Log of Exported Material										
Facility/Material:	Clean Earth Philadelphia Philadelphia, Pennsylvania Approval # 243100026 (7,000 tons)		Clean Earth Carteret Carteret, New Jersey Approval #243070587 (4,000 tons)		----		----		----	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today:	0	0	0	0	----	----	----	----	----	----
Total:	70	1,400	20	400	----	----	----	----	----	----

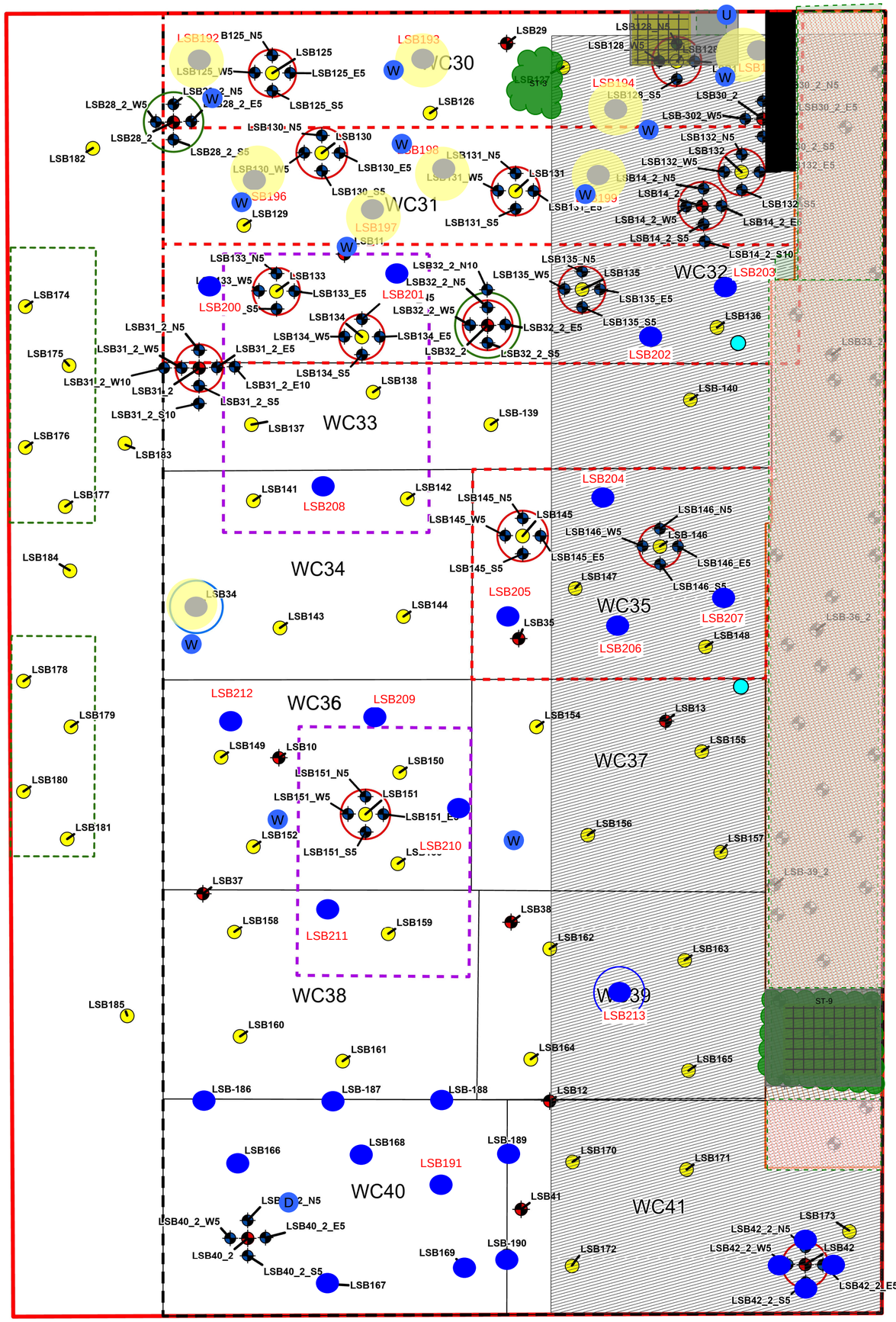
Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – AARCO advancing soil boring LSB192 in the northern portion of the Site, facing north.	
Photo 2 – AARCO advancing soil boring LSB32_2 in the central portion of the Site, facing north.	

Photo 3 – View of soil cores obtained from soil boring LSB196.	
Photo 4 – View of soil cores obtained from soil boring LSB199.	

DAILY SITE MAP



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Legend

- Site Boundary
- Building Footprint
- Detention Tank
- Phase 1A SOE Waste Characterization Area
- Logistical Zone
- Boring Location for 20x Rule
- CE Hotspot Delineation Boring Location
- Proposed Waste Characterization Boring Location
- Waste Characterization Boring Location advanced during Phase 1A Waste Characterization Investigation
- Excavation Previously Completed
- Clean stone
- FODS Trackout
- Soil Stockpile
- W — Work Zone Air Monitoring Station
- D — Downwind Perimeter Air Monitoring Station
- U — Upwind Perimeter Air Monitoring Station
- Boring Location
- Work Area
- Prior Work Area
- Area Covered with Filter Fabric
- Dewatering Settling Tank
- Dewatering Monitoring Well

Notes:
1. Basemap from the "Waste Characterization Sample Location Plan" Figure prepared by Langan dated 5/24/2024.
2. ST-3 contains non-hazardous material excavated from the northern portion of the Site for the construction of the truck wash and is located outside of the logistical zone.
3. ST-9 is being utilized as the construction ramp and contains non-hazardous material excavated from disposal grids WC-20, WC-21, WC-26, and WC27.
4. Sample locations from prior investigations were collected using the Trimbal GPS unit or field measurements.