

## DAILY STATUS REPORT

Prepared By: Lauren Kott

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32	X	40-50		50-70		70-85		>85	

Langan Project No:	100688801	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	2/28/2023
NYSDEC BCP Site No:	C224353			Time:	6:30 – 16:30

### Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

### PERSONNEL ON SITE:

**Langan:** Esther Arthur (Environmental)  
**AARCO:** Sergio Mangana, Rich Caminiti, Rudolpho Rios, Joe Catanzaro

**EQUIPMENT ON SITE:** Geoprobe® 7822DT, Geoprobe® 7822DT

### Site Activities

- Langan mobilized to the site with AARCO Environmental Services, Inc. (AARCO), the drilling contractor.
- AARCO used a Geoprobe® 7822DT direct-push drill rig to advance soil boring LSB-13 and LSB-41 to a depth of 25 feet and 26 feet, respectively, below ground surface (bgs). Groundwater monitoring wells LMW-4 and LMW-23 were installed to a depth of 25 feet in LSB-13 and 26 feet in LSB-41.
- AARCO used a Geoprobe® 7822DT direct-push drill rig to advance soil vapor points LSV-9 through LSV-12 to approximately 12 feet and LSV-14 and LSV-21 to approximately 18 feet.
- AARCO developed previously installed wells LMW-4, LMW-20, LMW-21 and LMW-23 using a whale pump.
- No impacts or elevated PID readings were observed.

### Samples Collected

- Samples, LSV-9\_022823, LSV-10\_022823, LSV-11\_022823, LSV-12\_022823, LSV-14\_022823, and LSV-21\_022823 were collected for analysis of volatile organic compounds (VOCs) via USEPA TO-15 Method.

### Community Air Monitoring Program (CAMP)

- Langan implemented the CAMP during soil disturbance. The CAMP equipment consisted of a DustTrack II and photoionization detector (PID) at dedicated locations on the downwind perimeter 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**

- AARCO will continue drilling at soil vapor locations.

## Photo Log

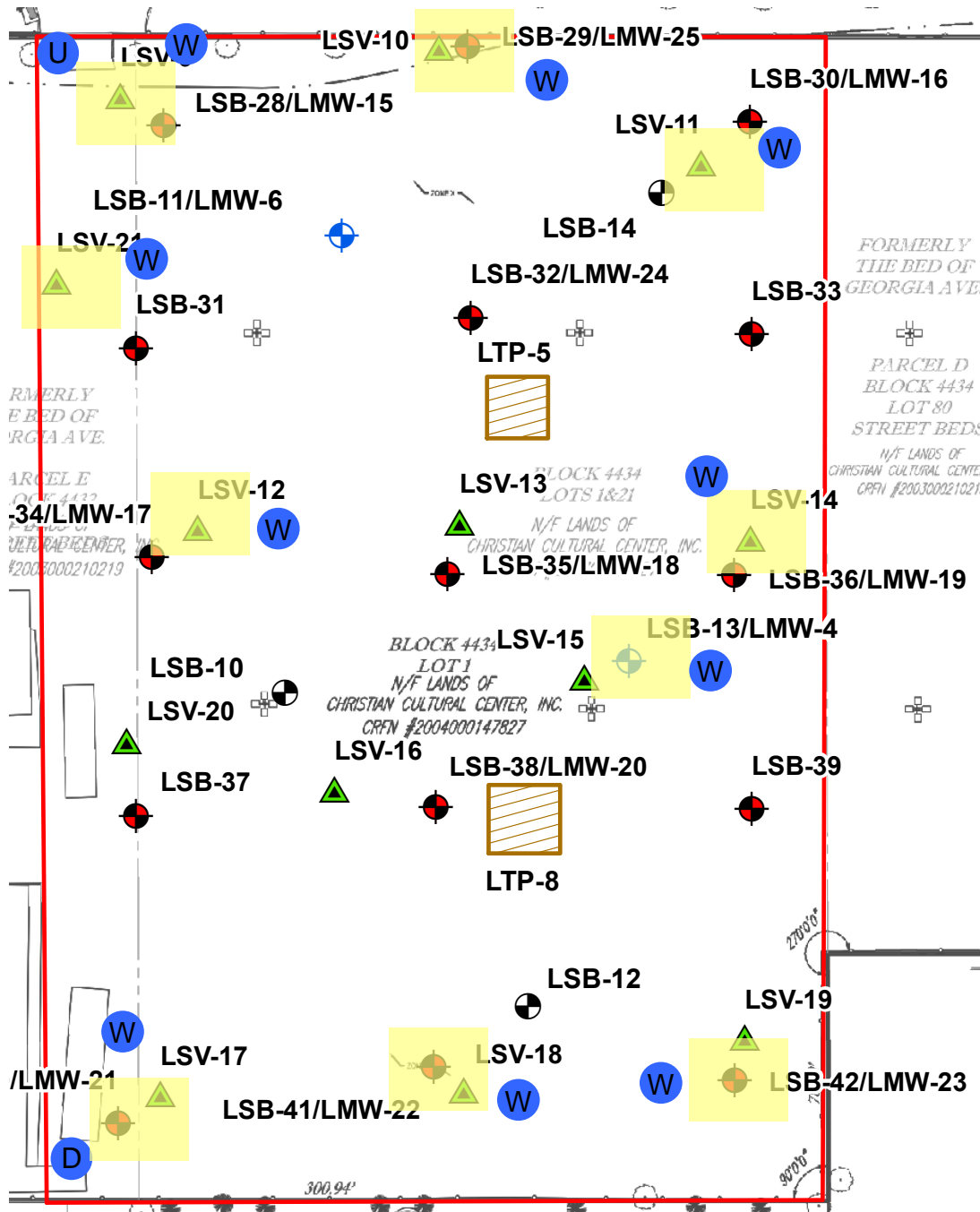
Photo 1 – AARCO installing LSV-10, facing south.



Photo 2 – AARCO developing LMW-23, facing south.












# SITE MAP



Approximate and Not to Scale

## LEGEND

- |   |   |   |   |
|---|---|---|---|
|   | BCP Site No. C224353 (12074 Flatlands Avenue p/o Lot 1) Site Boundary |  | Work Zone Air Monitoring Station          |
|  | Proposed Soil Boring/ Monitoring Well Location                        |  | Downwind Perimeter Air Monitoring Station |
|  | Proposed Soil Vapor Point   |  | Upwind Perimeter Air Monitoring Station   |
|  | Historical Soil Boring/ Monitoring Well Location                      |  | Work Area                                 |
|  | Historical Soil Boring Location                                       |   |   |

## NOTES

1. Basemap taken from Figure 6 - Proposed Sample Location Plan.
2. Sample and test pits locations from prior investigations were collected using the ArcGIS Collector application on a tablet utilizing GPS location.