



**Remediation Weekly Activity Summary Report
Ameren LaSalle Former MGP - Soil Removal Action**

Period: September 22 through 28, 2014 (Week 54)

PSC Project Number

624-1202-0012

Completed By: Jeff Adams

General Remediation Activities Completed:

PSC continued active onsite remediation activities, continuing excavation in Phases 5 & 6. The sketch on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 3,865.79 tons of Construction Debris (226.59 tons this week) and 42,459.93 tons of Non-Source Material (3,193.09 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 3,768.71 tons of clay (0 tons this week) and 35,978.34 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 591.53 tons this week) have been hauled onsite to use as backfill material. In addition, 515.85 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 46,000 gallons of water removed from the excavation are currently containerized, while approximately 593,300 gallons (50,000 this week) have been hauled offsite for disposal.

Monday - September 22nd:

Continued excavation in Phase #5 and #6. One excavator breaking stockpiled concrete. Bodine hauled 10000 gallons of wate to PDC for disposal. Approximately 7,000 gallons of water was pumped from the excavation into storage. QLF removed 2 loads from the basement; there was no pumping from the lagoon due to ammonia levels.

Tuesday - September 23rd:

Continued excavation in Phase #5 and #6. Began hauling in 1-3" crushed limestone for backfill. Bodine hauled 10000 gallons of wate to PDC for disposal. Approximately 7,000 gallons of water was pumped from the excavation into storage. QLF removed 2 loads from the basement; QLF began aerating the lagoon to lower ammonia levels.

Wednesday - September 24th:

Continued excavation in Phase #6. Continued hauling in 1-3" crushed limestone for backfill. Bodine hauled 10000 gallons of wate to PDC for disposal. Approximately 7,000 gallons of water was pumped from the excavation into storage. QLF removed 4 loads from the basement; aerating the lagoon to lower ammonia levels.

Thursday - September 25th:

Continued excavation in Phase #6. Bodine hauled 10000 gallons of wate to PDC for disposal. Approximately 22,000 gallons of water was pumped from the excavation into storage. PSC broke a hole in the south foundation wall to lower pumping height out of the basement for QLF. QLF removed 2 loads from the basement; aerating the lagoon to lower ammonia levels.

Friday - September 26th

Continued excavation in Phase #6. Bodine hauled 10000 gallons of wate to PDC for disposal. Prepared to begin backfill on Monday. QLF did not haul from the basement; aerating the lagoon to lower ammonia levels.

Saturday - September 27th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Week began sunny and mild, ended dry with high temperatures from the 60s to the 80.

H&S Issues/Other: Discussed environmental sampling, pulling trailers, confined space entry and rescue and welding, torch cutting and grinding. No recordable accidents or incidents occurred.

Out of Scope Items:

None



**LaSalle MGP Air Monitoring Progress Report
Week Ending September 13, 2014**

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was conducted from September 5th thru September 8th and the samples were picked up by STAT on September 9th. Sampling was also conducted September 8th thru September 11th and the samples were picked up by STAT on September 11th. Sampling was conducted from September 11th thru September 14th. Samples are expected to be picked up by STAT on September 16th.
- CEC performed hourly real-time air monitoring during work hour at the five time-integrated air monitoring station locations for particulate matter less than 10 micron in aerodynamic size (PM₁₀) and volatile organic compounds (VOC). Results indicate that all parameters are below the real-time action levels.

Sampling Problems Encountered

- None

Real-time Air Quality Exceedances Detected

- None

Time-integrated Analytical Data Received

- Time-integrated sampling results for sampling events thru August 21st have been received and presented in the updated preliminary time-integrated results provided on September 8th. Analytical results to date for benzene, PM₁₀ and PAHs indicate that the running average air concentration at each air monitoring station is less than the risk-based standards calculated for the project. CEC will continue to update results as analytical data becomes available.

Developments Anticipated During Next Reporting Period

Activities to be Performed

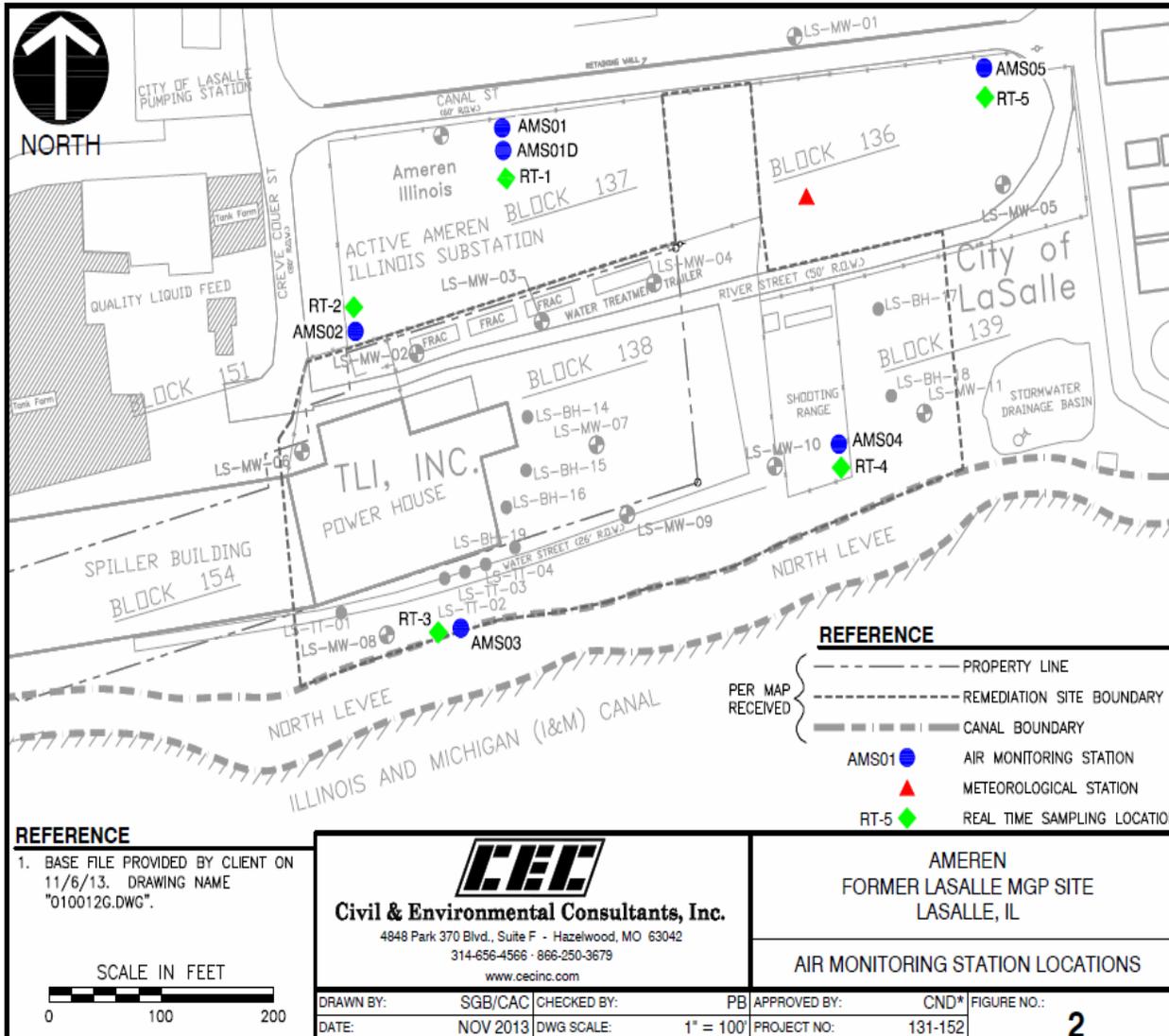
- Continue to perform time-integrated sampling at the site until intrusive activities cease.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.



**Air Monitoring Station Locations
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**Project Milestones Summary Report
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PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
Snowfall (inches)

Prior Total: This Period: Total To Date:

35.07	0.70	35.77
60.15	0.00	60.15

Material Type:

Project Estimates

Original: Revised:

Solid Waste Material:

Construction & Demolition Debris-Republic (tons)
MGP Impacted Soil (Non Source)-Republic (tons)
MGP Impacted Soil (Source)-PDC (tons)
TOTAL

3,639.20	226.59	3,865.79	0	0
39,266.84	3,193.09	42,459.93	120,000*	0
0.00	0.00	0.00	0	0
42,906.04	3,419.68	46,325.72	0	0

Add. Solid Waste Material:

Clean Brick-Canon Pit (loads)
Asbestos Containing Material (ACM)-Republic (tons)
Scrap Material (loads)

111.00	0.00	111.00	0	0
1,240.00	0.00	1,240.00	0	0
8.00	0.00	8.00	0	0

Clean Material:

CM-06, 1-Inch Minus (tons)
Lime Screenings (tons)
CS-02, 2 to 3-Inch Clean Stone (tons)
2-Inch Clean Stone (tons)
1 1/2-Inch Rock (tons)
4 to 8-Inch Rip Rap (tons)
4-Inch Crushed Concrete (tons)

15,233.60	0.00	15,233.60	0	0
17,469.08	0.00	17,469.08		
2,684.13	591.53	3,275.66	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)
Clean soil backfill (tons)
Top Soil (cubic yard)
TOTAL

35,386.81	591.53	35,978.34	0	0
515.85	0.00	515.85	0	0
3,768.71	0.00	3,768.71	0	0
0.00	0.00	0.00	0	0
39,671.37	591.53	40,262.90	0	0

Treated Wastewater:

Discharged to PDC (gallons)

543,300	50,000	593,300	0	0
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* MGP Impacted Soil volume is data presented in the site investigation report.

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

Actually Received
Requested

4	4	4	4	4	
4	4	4	4	4	



Looking south at phases 5 & 6; water accumulated over the weekend with 0.3" of rain.



Looking southwest at the 290 with hydraulic hammer busting up concrete debris



Standing on the basement SW corner looking NE at the phase 5 & 6 excavation.



Looking southwest at 1"x3" stone in excavation floor for solid base and water control



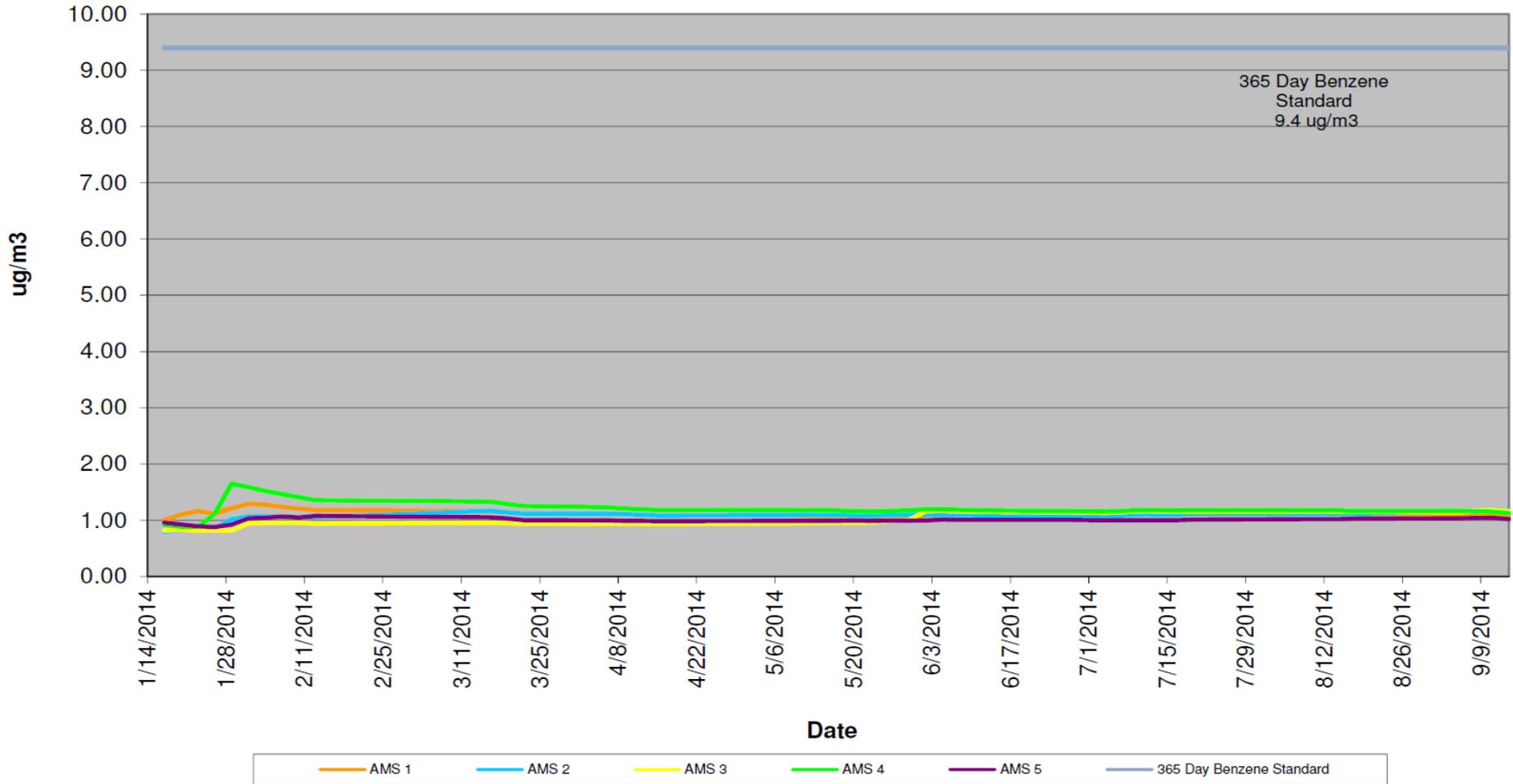


Looking southeast while excavating toward the southeast corner of Phase #6

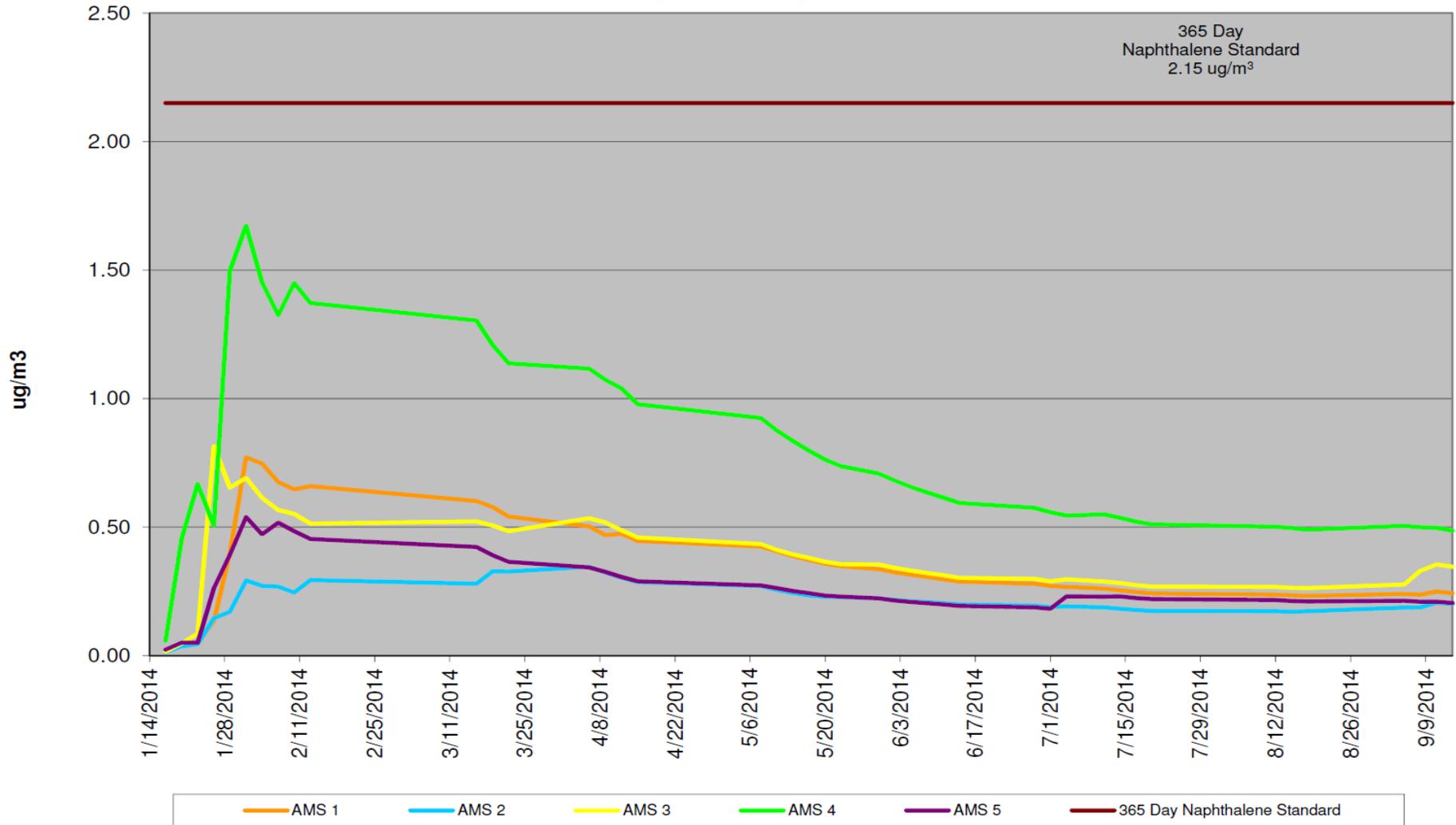


Looking west, at floor conformation sample collection with bucket of excavator.

Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 9/17/2014



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 9/17/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 9/17/2014

