



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

Period: September 29 through October 5, 2014 (Week 55)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation activities, completing excavation in Phases 5 & 6, and beginning backfill. 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 (0 tons this week) and 42,459.93 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottowa, Illinois Landfill. A total of 3,768.71 tons of clay (0 tons this week) and 39,818.83 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 3,840.49 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 1,500 gallons of water removed from the excavation are currently containerized, while approximately 623,300 gallons (30,000 this week) have been hauled offsite for disposal.

Monday - September 29th:

Completed excavation in Phase #6, and stockpiled impacted soil. Began placing first lift of backfill. No loadout today, because one excavator is being repaired. Bodine hauled 10000 gallons of water to PDC for disposal. QLF removed 2 loads from the basement; the lagoon was being aerated to lower ammonia levels.

Tuesday - September 30th:

Continued backfill in Phase #5 and #6 using limestone screenings. Two lifts were completed and compaction tests with the electronic density gauge (EDG) passed. One excavator still being repaired. Bodine hauled 10000 gallons of water to PDC for disposal. QLF removed 2 loads from the basement; QLF continued aerating the lagoon to lower ammonia levels.

Wednesday - October 1st:

Continued backfill in Phase #5 and #6 using limestone screenings. Three lifts were completed and compaction tests with the EDG passed. One excavator still being repaired (gearbox) second excavator is running poorly. Skidsteer improved the ramp to access the canal. Bodine hauled 10000 gallons of water to PDC for disposal. QLF removed 2 loads from the basement; QLF continued aerating the lagoon to lower ammonia levels.

Thursday - October 2nd:

Continued backfill in Phase #5 and #6 using limestone screenings. Two lifts were completed and compaction tests with the EDG passed. Lift #8 was partially completed and compacted. One excavator still being repaired (gearbox), mechanic repaired second excavator. Skidsteer continued improvements to the ramp to access the canal. QLF removed 2 loads from the basement; QLF continued aerating the lagoon to lower ammonia levels.

Friday - October 3rd:

Continued backfill in Phase #5 and #6 using limestone screenings. Lifts #8 and #9 was completed and compacted. Midwest was called onsite to perform compaction testing with the nuclear density gauge and calibrate the EDG. All compaction tests passed. Both excavators are repaired and working. QLF removed 1 load from the basement; QLF continued aerating the lagoon to lower ammonia levels.

Saturday - October 4th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Week began sunny, mild and dry with high temperatures from the 50s to the 70, rain and cooler Thursday and Friday.

H&S Issues/Other: Discussed trench and excavation safety, driving safety, hand safety and fire extinguishers. No recordable accidents or incidents occurred.

Out of Scope Items:

None



**Air Monitoring Activity Summary Report
Ameren LaSalle Former MGP - Soil Removal Action**

Period: September 29 through October 5, 2014 (Week 55)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending October 4, 2014**

Developments During Reporting Period

Activities Performed

- CEC has discontinued time-integrated sampling while backfill activities progress. Intrusive activities are expected to restart on October 7th. CEC will restart time-integrated sampling when intrusive activities resume.
- 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 September 17th have been received and presented in the updated preliminary time-integrated results provided on September 30th. 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

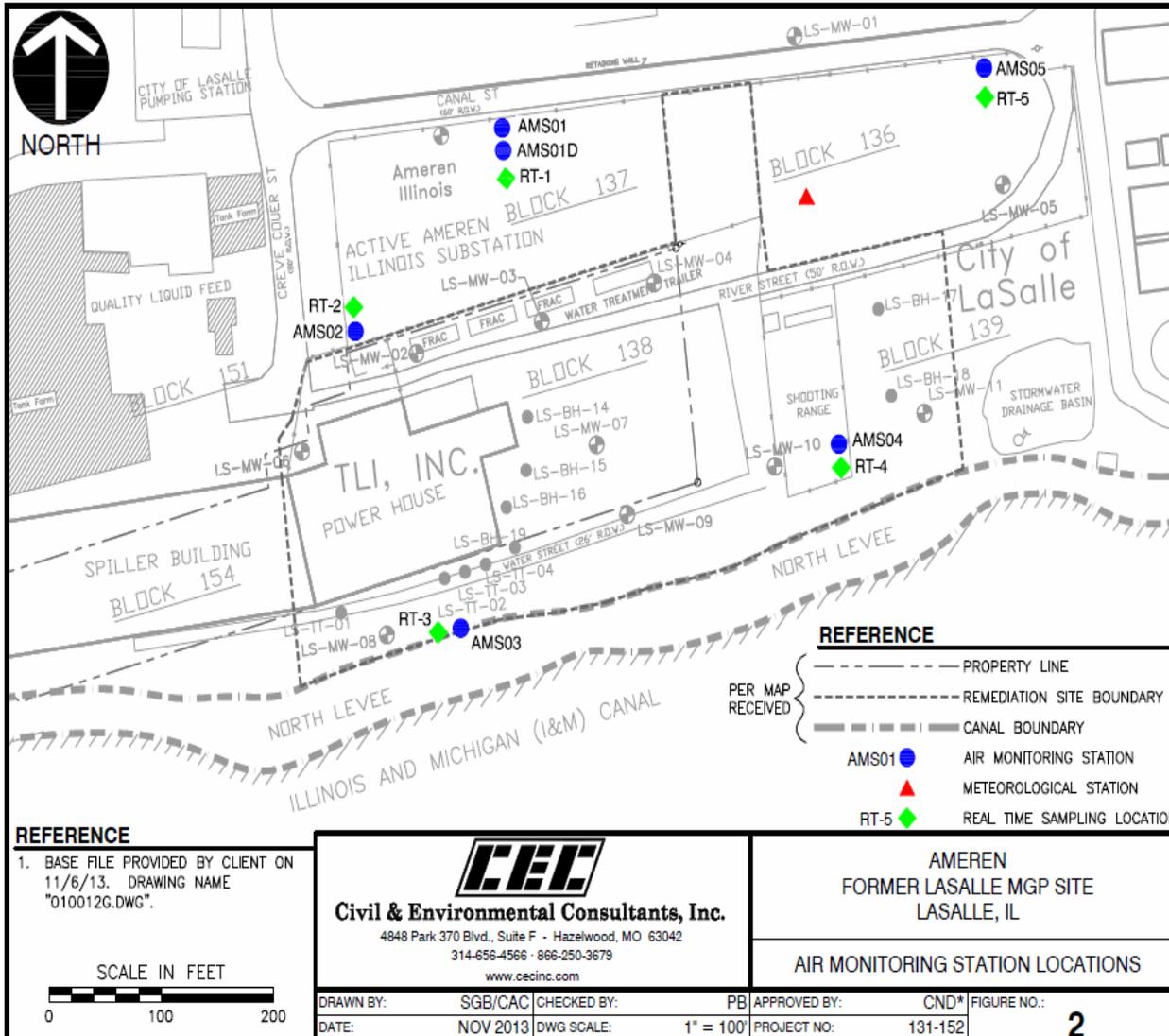
- Restart time-integrated sampling on October 7.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.



**Air Monitoring Station Locations
Ameren LaSalle Former MGP - Soil Removal Action**

Period: September 29 through October 5, 2014 (Week 55)
 Completed By: Jeff Adams

PSC Project Number 624-1202-0012





**Project Milestones Summary Report
Ameren LaSalle Former MGP - Soil Removal Action**

Period: September 29 through October 5, 2014 (Week 55)
Completed By: Jeff Adams

PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
Snowfall (inches)

Prior Total: This Period: Total To Date:

35.77	0.50	36.27
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

3,865.79	0.00	3,865.79	0	0
42,459.93	0.00	42,459.93	120,000*	0
0.00	0.00	0.00	0	0
46,325.72	0.00	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	3,840.49	21,309.57		
3,275.66	0.00	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

35,978.34	3,840.49	39,818.83	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
40,262.90	3,840.49	44,103.39	0	0

Treated Wastewater:

Discharged to PDC (gallons)

593,300	30,000	623,300	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



Looking southwest at Phase #6, excavating the remaining soil before placing stone.



Looking SW at 1st lift of screenings in Phases 5 & 6. Sub stone base at 23 feet, bgs.



Taking compaction tests lift #2, Phase 5 & 6. All 3 tests passed.



Looking west at the start of Lift #5 at 18 feet bgs, Phase 5 & 6.



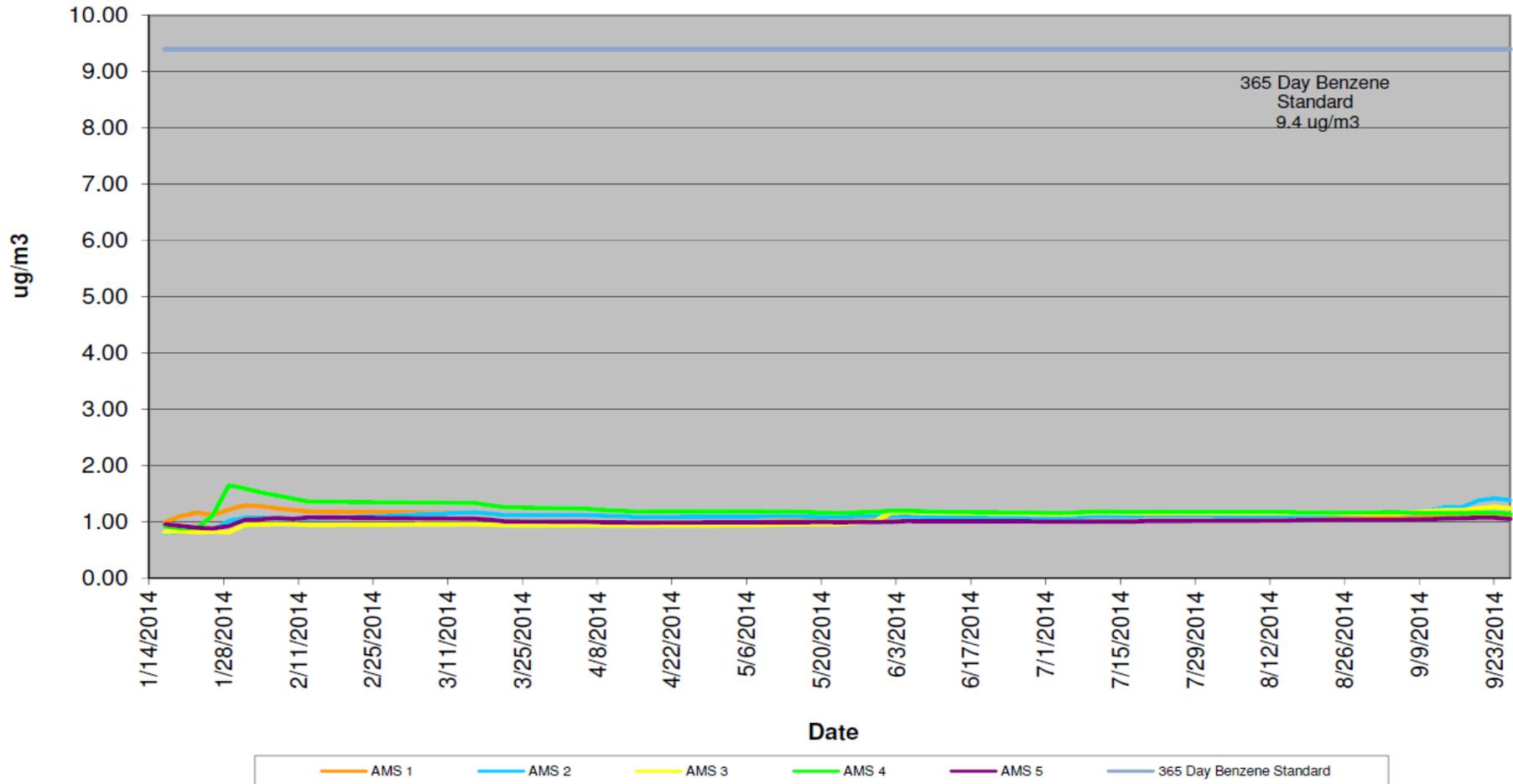
Looking SW at lift #7 at 16 feet bgs just about completed and ready for compaction.



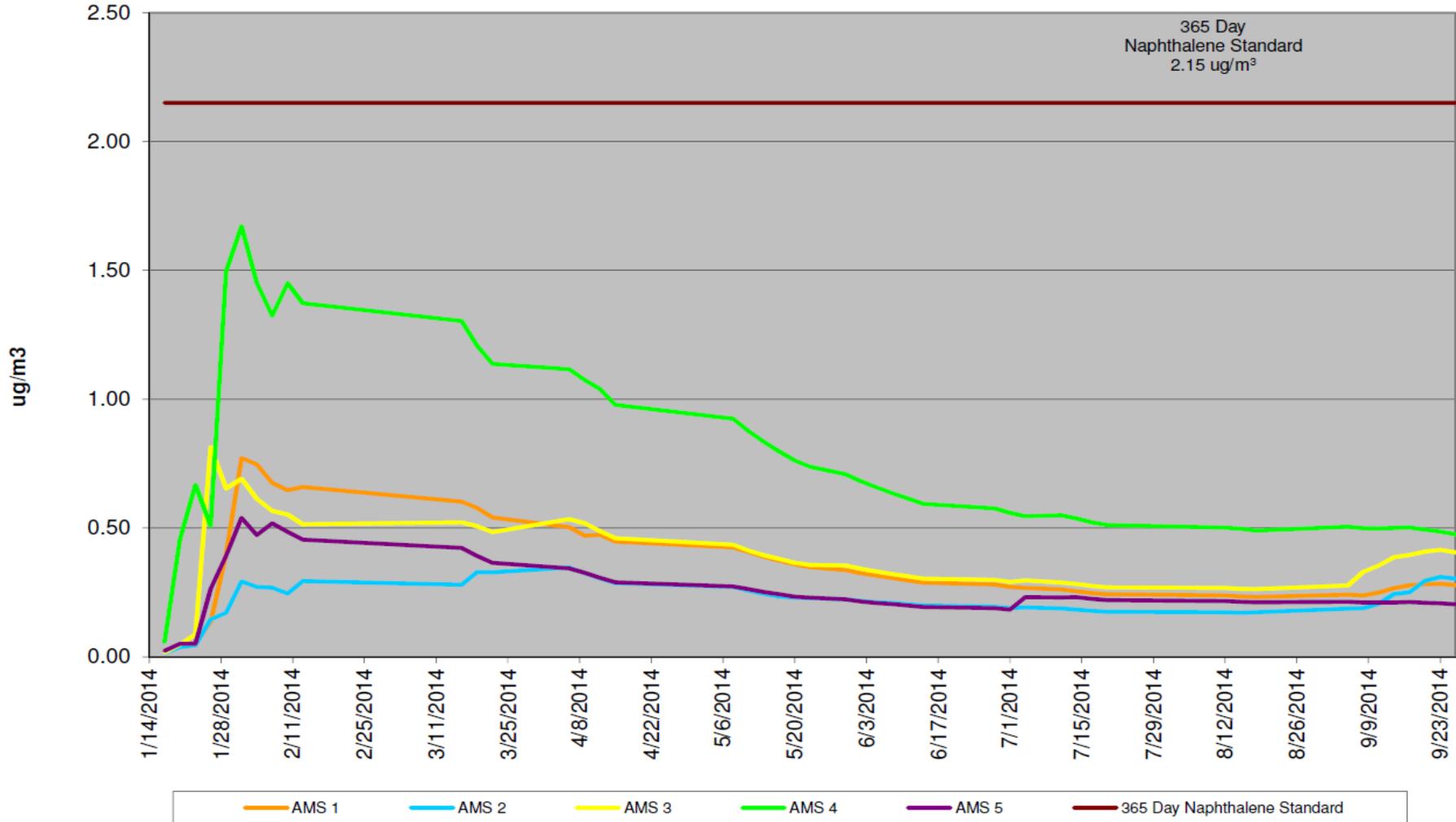
Midwest using their nuclear gauge taking compaction test to calibrate the EDG.



Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 9/29/2014



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 9/29/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 9/29/2014

