



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

Period: March 23 through 29, 2015 (Week 80)  
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

### General Remediation Activities Completed:

PSC continued backfilling and compaction activities this week. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 16,296.84 tons of Construction Debris (0 tons this week) and 54,389.56 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 6,181.97 tons of clay (0 tons this week) and 51,105.92 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock); (4,051.07 tons this week) have been hauled onsite to use as backfill material. In addition, 976.49 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 0 gallons of water removed from the excavation are currently containerized, while approximately 1,495,100 gallons (0 this week) have been hauled offsite for disposal.

### Monday - March 23th:

Backfilling continued with lime screenings, finishing Lift #1 and starting on Lift #2. Pohar hauled lime screenings from Utica Quarry with 4 trucks. Midwest Testing was onsite to take compaction tests on Lift #1 at 22 ft. bgs and on Lift #2 at 21 ft bgs. All compaction tests passed. No longer pumping and hauling water on site. Electronic density gauge (EDG) was delivered.

### Tuesday - March 24th:

Continued backfilling with lime screenings starting on Lift #3 at 20 ft. bgs. Four Pohar trucks hauled lime screenings from Utica Quarry. Midwest Testing was onsite to take compaction tests on Lift #3. All tests but one passed, and the area was compacted again and passed the second test. Crew started to place Lift #4 at 19 ft bgs. Rex Spenser picked up the 5000 lb. hydraulic hammer.

### Wednesday - March 25th

Backfilling continued with lime screenings starting on Lift #4 at 19 ft. bgs. Four Pohar trucks hauled lime screenings from Utica Quarry. Midwest Testing was onsite to take compaction tests on Lift #4. All compaction tests passed except one, and the area was compacted again. Crew started to place lime screenings for Lift #5 at 18 ft bgs.

### Thursday - March 26th:

Continued backfilling with lime screenings starting on Lift #5 at 18 ft. bgs. Four Pohar trucks hauled lime screenings from Utica Quarry. Today was the monthly Safety Lunch for the crew. Midwest Testing was onsite to take compaction tests on Lift #5. All compaction tests passed. Canal piezometer work completed.

### Friday - March 27th:

Continued backfilling with lime screenings starting on Lift #6 at 17 ft. bgs. Four Pohar trucks hauled lime screenings from Utica Quarry. Midwest Testing was onsite to take compaction tests on Lift #6. All compaction tests but one passed, and the was rerolled with the compactor. Lift #6 will be completed on Monday.

### Saturday - March 28th:

No site work performed.

### Health & Safety Activities:

Weather Conditions:	This week was cold and windy. Temperatures ranged from the upper 20s to low 40s throughout the week, with temperatures peaking Wednesday at 54 degrees. Monday had a rain/ snow mix that caused the site to be soft and muddy throughout the week, followed by a slight rainfall Tuesday evening.
H&S Issues/Other:	Discussed the following topics: Tricks of the Trade, Electrical Safety, Seven Common Accident Causes, Back to Basics, and Job Safety Checklist. No recordable accidents or incidents occurred.

### Out of Scope Items:

None



### Remediation Footprint and Excavation Progress Map Ameren LaSalle Former MGP - Soil Removal Action

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Period: March 23 through 29, 2015 (Week 80)  
Completed By: Chris Dawdy

PSC Project Number

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**LaSalle MGP Air Monitoring Progress Report  
Week Ending March 28, 2015**

**Developments During Reporting Period**

*Activities Performed*

- Time-integrated air monitoring has been suspended during backfilling operations. Time-integrated air monitoring will continue once 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 (PM<sub>10</sub>) 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 include sampling events thru March 5<sup>th</sup> were reported via email on March 17<sup>th</sup>. Analytical results to date for benzene, PM<sub>10</sub> 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**

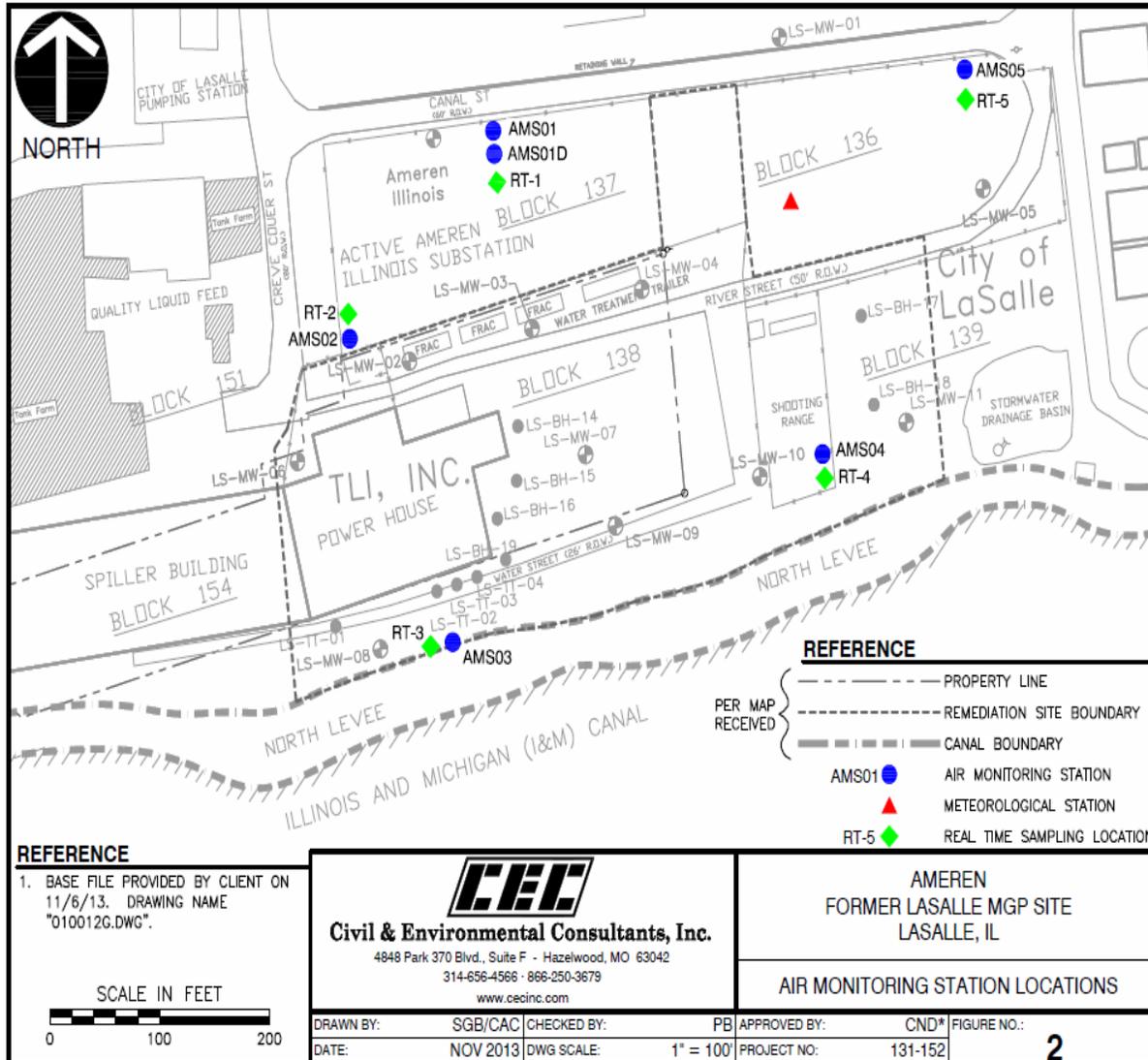
*Activities to be Performed*

- Real-time monitoring continuing during backfill activities.
- Conduct time-integrated sampling once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- 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**

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Looking south in Phase 7 at Pohar dumping Lime Screenings from Utica Quarry as backfill.



Looking southwest at compactor, working on Lift #3 at 20 ft. bgs in Phase 7 and 8.



Looking north in Phase 7 at backfilling operations in the building footprint.



Midwest Services taking compaction test on Lift #5 at 18 ft. bgs. Took 7 tests, all passed 95% compaction.

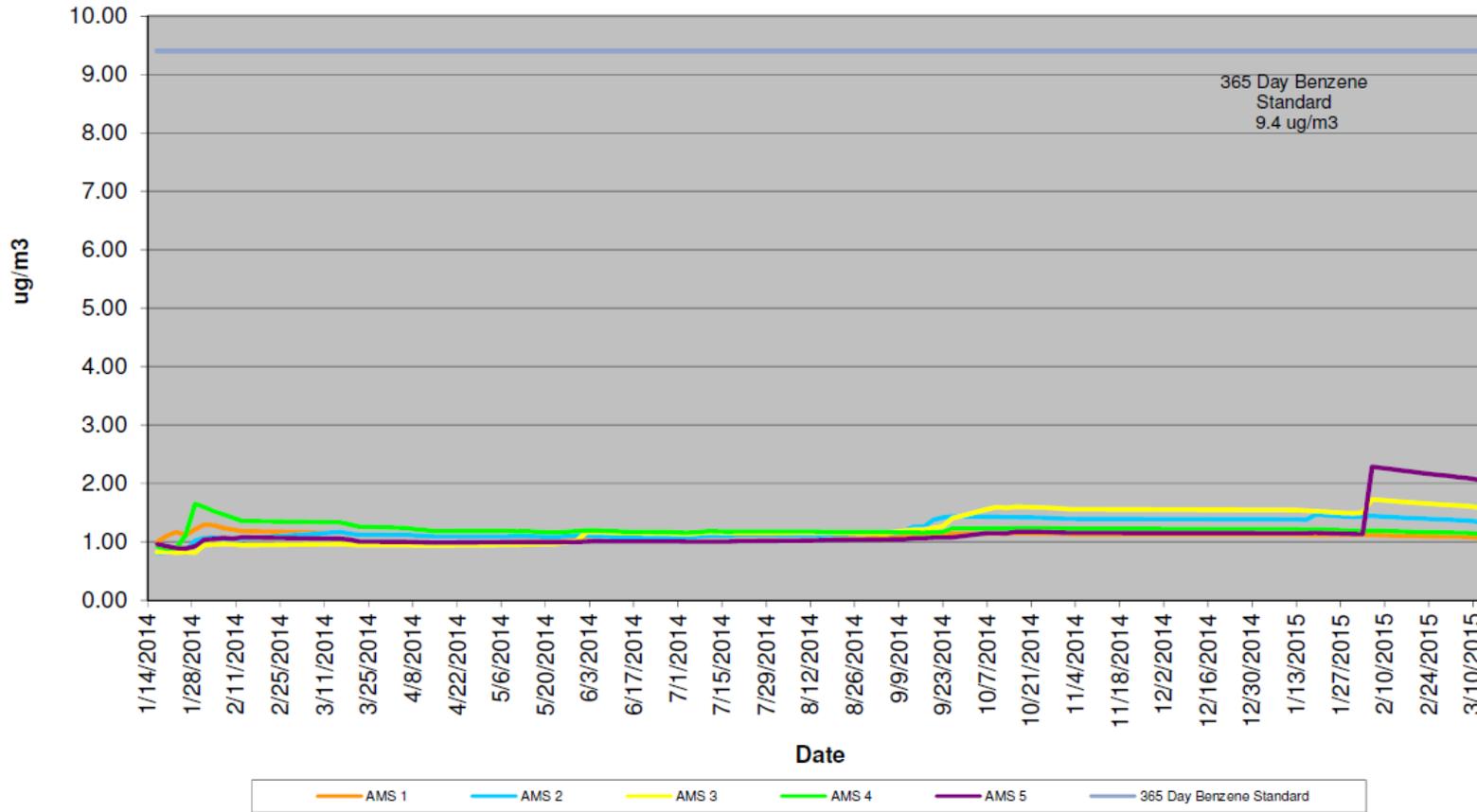


Looking west at backfill operations on Lift #6 at 17 ft. bgs in Phase 7.

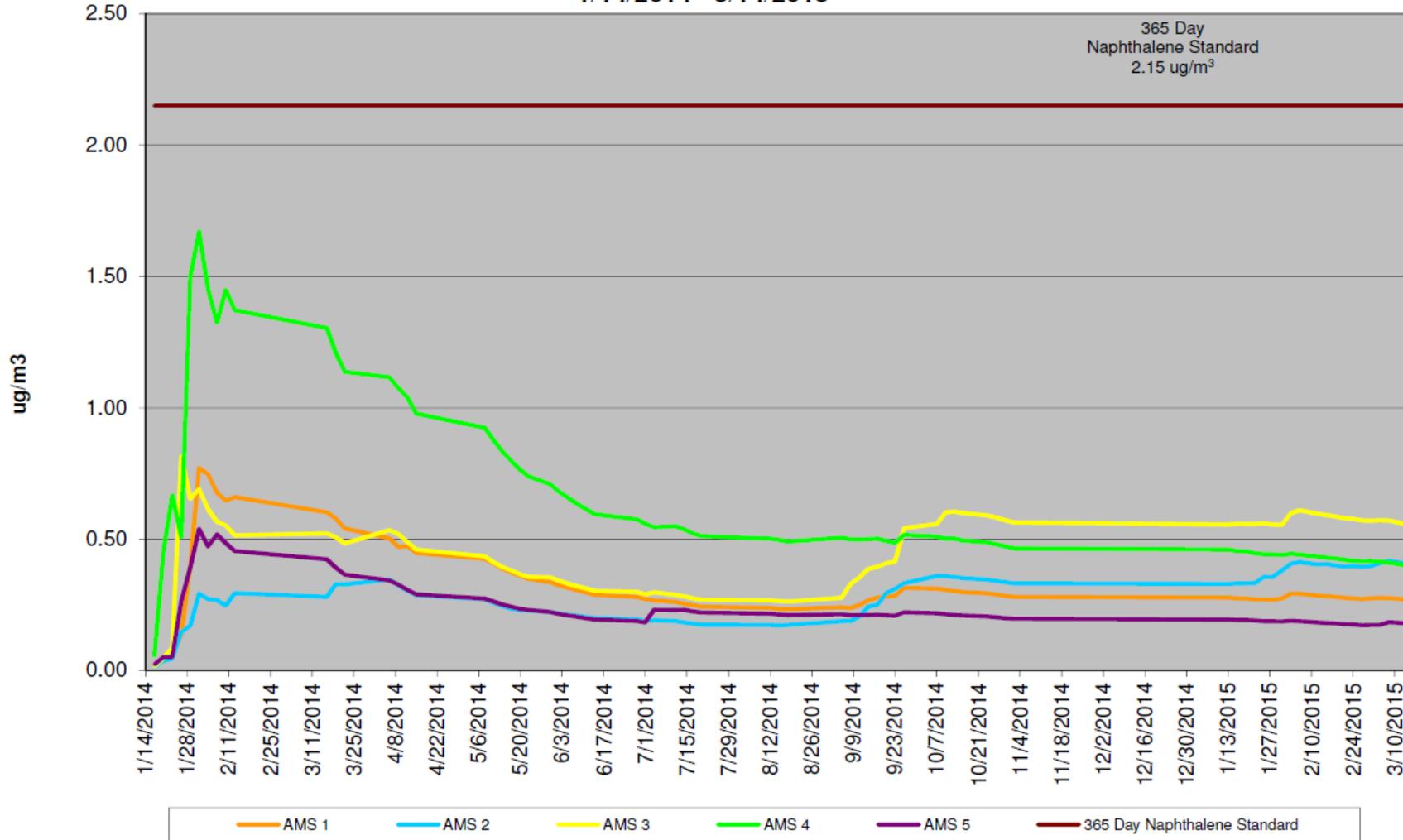


Looking west at water level in canal.

**Preliminary Benzene Running Averages  
LaSalle MGP Site  
1/14/2014 - 3/14/2015**



**Preliminary Naphthalene Running Averages  
LaSalle MGP Site  
1/14/2014 - 3/14/2015**



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 3/14/2015

