



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

Period: August 24 through 30, 2015 (Week 102)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

Backfill in Phase 17 and Phase 13 was completed on Friday this week. A total of 16,895.87 tons of Construction Debris (0 tons this week) and 67,304.81 tons of Non-Source Material (0 tons this week) has been removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 6,181.97 tons of clay (0 tons this week) and 95,241.71 tons of rock (lime screenings, one-inch minus, two- to three-inch clean rock, and CA6; 2,775.97 tons this week) has been brought in for backfill. To address the haul roads, parking areas, and substation area, a total of 1,727.11 tons of one-inch clean rock has been brought in (326.08 tons this week). Approximately 0 gallons of water removed from the excavation are currently containerized, while approximately 1,827,100 gallons (7,500 gallons this week) have been hauled offsite for disposal.

Monday - August 24:

PSC resumed backfill activities in Phases 17 and 13, using lime screenings delivered by four Pohar trucks. The lime screenings were very dry, and water was added to the material as it was dumped into the excavation and as it was spread. The crew compacted the lime screenings and PSC performed three compaction tests within the Phase 17 and 13 backfill area with the EDG. All three tests passed 95% compaction. Bodine was on site to haul MGP-impacted water to PDC in Clinton for proper disposal. Pine Environmental was on site to service the PIDs. QLF did not aerate or pump the storm water detention basin.

Tuesday - August 25:

PSC continued to backfill in Phases 17 and 13 with lime screenings and CA-6 delivered by four Pohar trucks. After completing a lift of lime screenings, the backfill material was switched to CA-6. PSC experienced issues with the EDG calibration, so Midwest Testing was on site to assist in compaction testing and calibration of PSC's EDG with their NDG. The compaction tests passed with low moisture. Rain for Rent was on site to relocate the empty frac tanks to the former police shooting range area. QLF began aerating the storm water basin.

Wednesday - August 26:

PSC continued to backfill in Phases 17 and 13 with CA-6 delivered by four Pohar trucks. Water was added to the material as it was spread. The crew compacted the material when the lift was complete and Midwest Testing performed compaction tests. All three compaction tests passed. The elevations of the final CA-6 lift were marked in order for the following lifts of sand and CA-7 to be placed properly, and material was placed and compacted. QLF aerated the storm water basin.

Thursday - August 27:

PSC continued to backfill Phases 17 and 13 with CA-6, sand, and CA-7 delivered by four Pohar trucks. The final CA-6 lift was compacted and Midwest Testing was on site to perform compaction testing. All four tests passed 95% compaction. The crew began to backfill with sand in the substation (Phase 17). The sand lift was compacted, and CA-7 was imported as the final lift of Phase 17. QLF aerated the storm water basin.

Friday - August 28:

PSC completed backfilling Phase 17 with CA-7 and Phase 13 with CA-6 and lime screenings from stockpiles on site. Material was backfilled to surface, graded, and compacted. PSC personnel traveled to the Republic landfill to examine the source stockpile of clay backfill, which looked acceptable. The crew will sample the material in order to run a new proctor, and will import and stockpile clay beginning next week. QLF aerated the storm water basin.

Saturday - August 29:

No work performed today.

Health & Safety Activities:

Weather Conditions: This week was pleasant and sunny. Temperatures rose slightly throughout the week. Highs ranged from 73 - 77 degrees F, while lows ranged from 52 - 62 degrees F.

H&S Issues/ Other: Safety topics for the week included "Lift It Twice," "CTD - How Do You Prevent Them?," "Accident Prevention," and "Personal Protection."

Out of Scope Items:

None.



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

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**Air Monitoring Activity Summary Report
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PSC Project Number 624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending August 29, 2015**

Developments During Reporting Period

Activities Performed

- There were no Time-integrated samples collected from August 23th to August 29th because the area that was excavated has been now backfilled.
- 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 include sampling events thru April 15th were reported via email on May 1st. 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

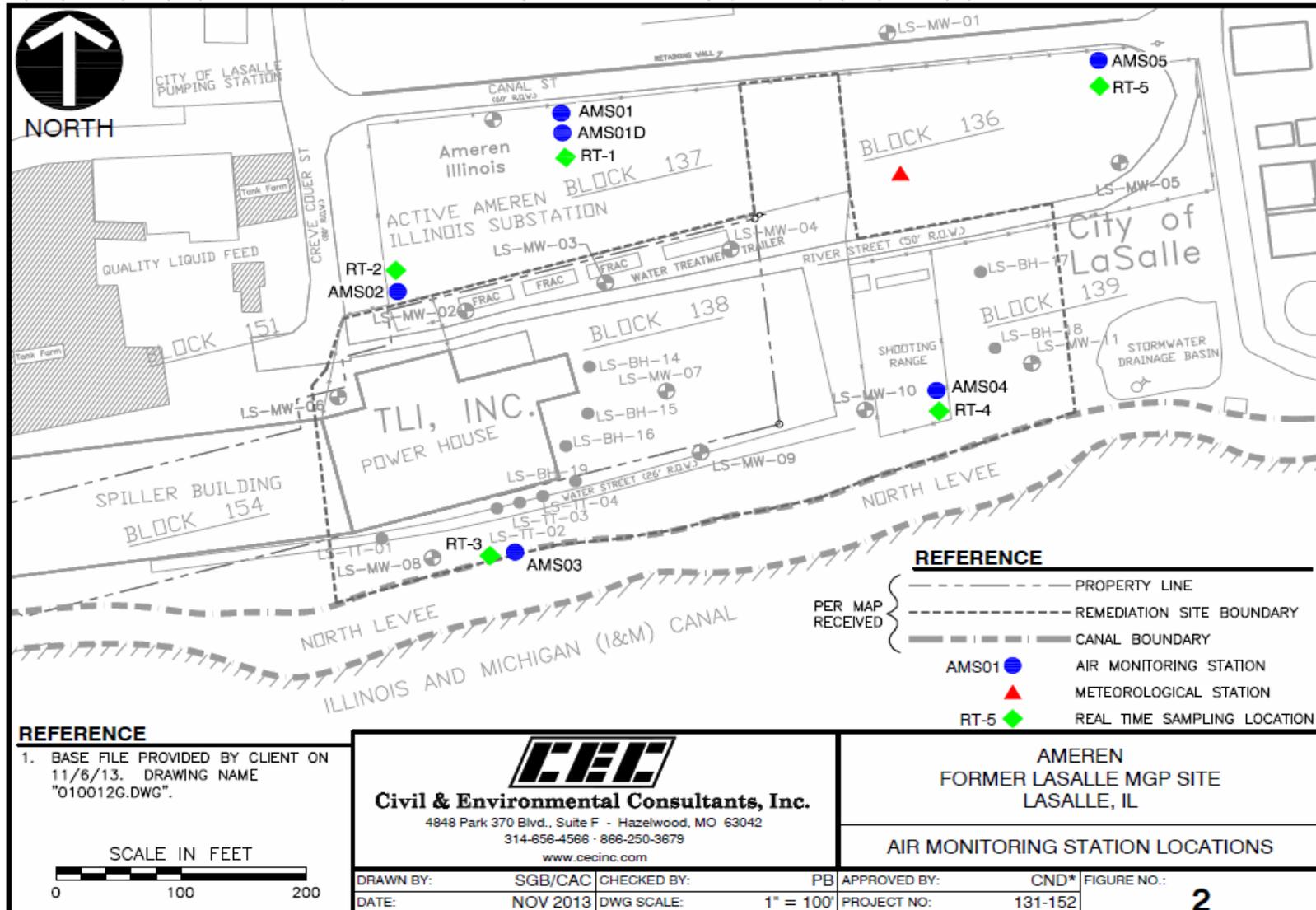
- Time-integrated air monitoring at the five air monitoring stations (if applicable).
- Real-time monitoring continuing during remedial activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.



**Air Monitoring Station Locations
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Looking north at laborers adding moisture to lime screenings backfill in Phase 17 on 8/24/2015.



Looking south at the backfill progress in Phase 13 on 8/25/2015; beginning to spread a lift of CA-6.



Looking west at Midwest Testing performing a compaction test on the CA-6 lift in Phase 17 on 8/26/2015.



Looking southeast at the storm water basin, where QLF is aerating the water to lower the ammonia levels.

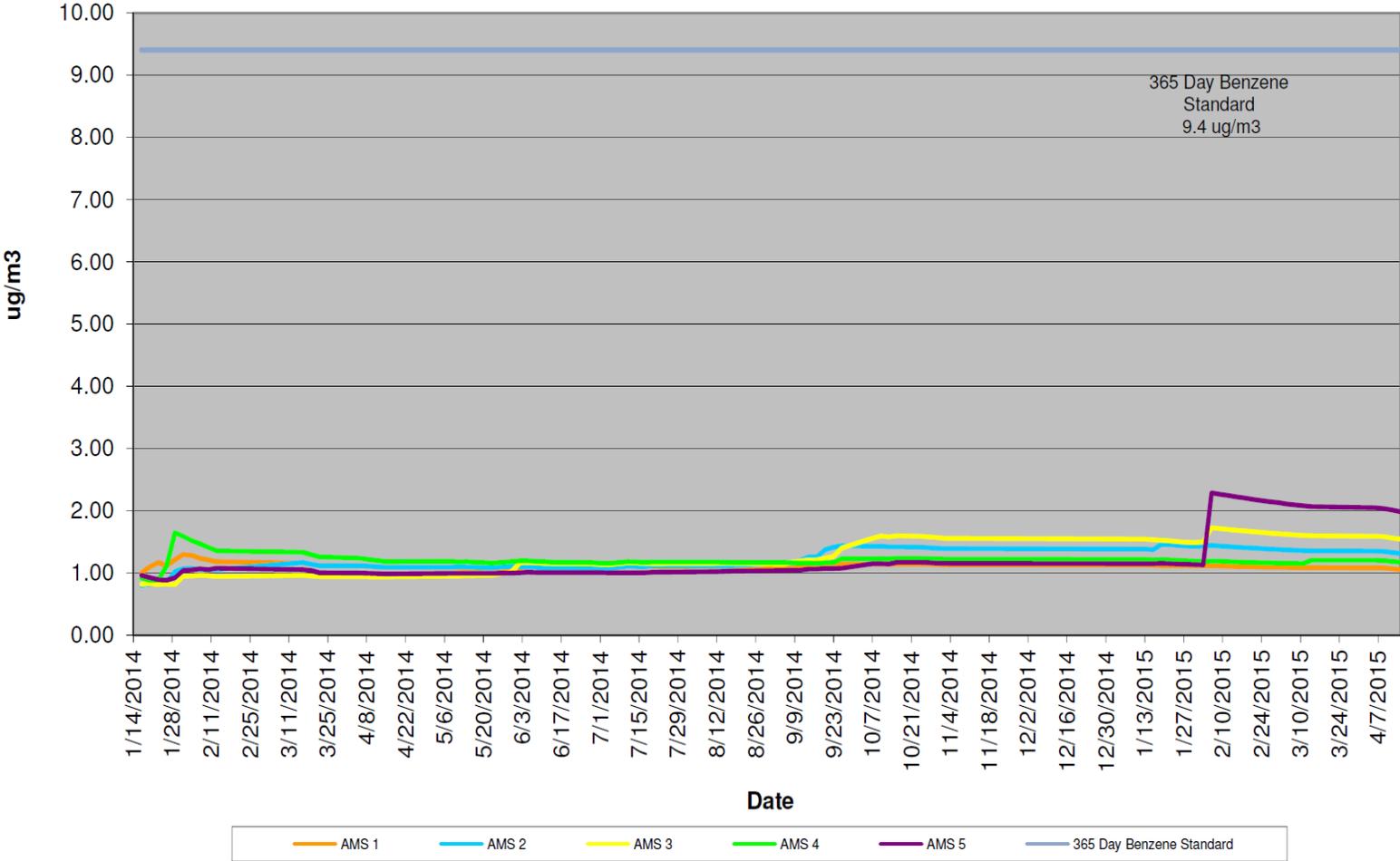


Looking north at Phase 17 backfill progress on 8/27/2015. Pohar is dumping the first load of washed sand for the near-surface lift.

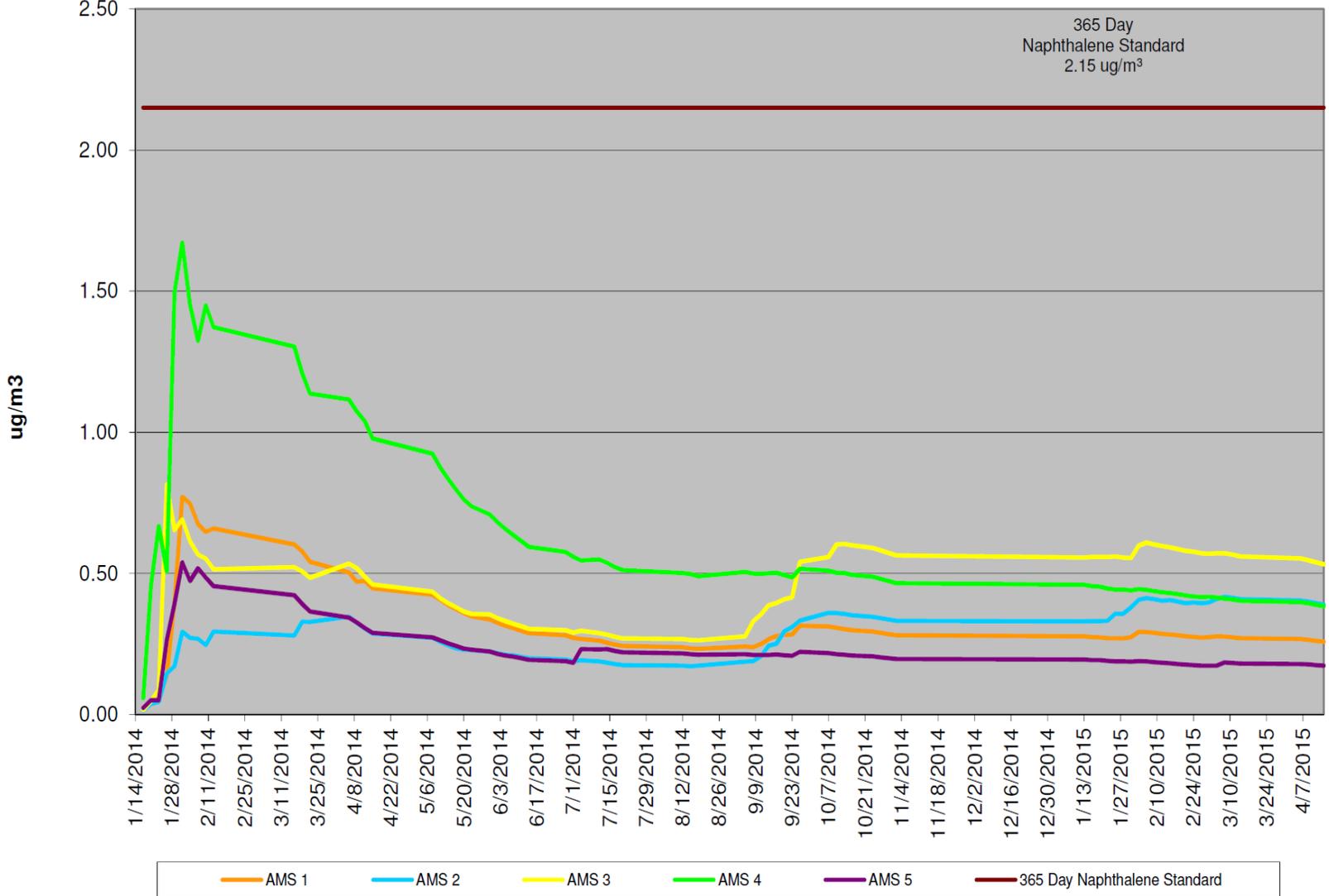


Looking west at the compactor rolling the final lift of CA-6 backfill placed in the Phase 13 area on 8/28/2015.

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 4/15/2015**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 4/15/2015



**Preliminary PM₁₀ Running Averages
LaSalle MGP Site
1/14/2014 to 4/15/2015**

