



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

Period: April 13 through 19, 2015 (Week 83)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC began backfilling in Phase 9 this week. The figure on Page 2 shows the extent of the excavation and completed backfilling areas. A total of 16,460.93 tons of Construction Debris (191.09 tons this week) and 57,716.51 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 58,207.54 tons of rock (lime screenings, one-inch minus, and two- to three-inch clean rock) (3,482.96 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 - April 13th:

Loaded out demo debris, logs, and impacted soil with one truck running. Crew loaded the truck and dried the bottom of the excavation. 40" intake pipe was left intact in place to prevent the chance of flooding the excavation. Confirmation samples were collected from beneath the 40" pipe, which were picked up by STAT Lab.

Tuesday - April 14th:

Loaded out approximately 5 loads of demo debris with one Kirschhoffer truck. 4 Pohar backfill trucks delivered 1" x 3" stone and lime screenings to begin backfilling Phase #9.

Wednesday - April 15th:

Continued backfilling with lime screenings from Utica Quarry. 4 Pohar trucks hauled in backfill. A newspaper reporter and photographer visited the site to take photos. QLF aerated the storm water basin.

Thursday - April 16th:

Backfill continued today with 5 trucks from Pohar. Midwest Testing was on site to take compaction tests on the west half of Lift #9, which was approximately 50% completed. All 6 tests passed 95% compaction. PSC calibrated the EDG to match Midwest's readings. QLF aerated the storm water basin. The generator QLF used to power the pump was causing the results from the closest air monitoring stations to spike. PID readings read 0 prior to the generator being started and up to 7 ppm from 100 feet away while it was running.

Friday - April 17th:

Continued to backfill Phase 9 with 5 trucks from Pohar. Pumped accumulated water from the old vault area into a frac tank. Midwest Testing was on site to take compaction tests on the east half of Lift #9. All 6 tests passed. The EDG was calibrated to an average of within 2% the nuclear density gauge results. PSC will use the EDG for compaction testing next week. QLF aerated the storm water basin.

Saturday - April 18th:

No site work performed.

Health & Safety Activities:

Monday was breezy with thunderstorms in the morning. The remainder of the week was partly sunny, warmer, and windy.

Weather Conditions: The highs for the week ranged from 68-71, with temperatures peaking Friday with a high of 79. Lows were between 40 and 56.

H&S Issues/ Other: Topics covered this week included "Slips, Trips, and Falls," "It wasn't me," "Hearing Loss," "Eye Safety," and appropriate JLAs for daily work

Out of Scope Items:

None.



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

Period: April 13 through 19, 2015 (Week 83)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending April 18, 2015**

Developments During Reporting Period

Activities Performed

- Time-integrated air samples were collected from April 12th to April 15th. Samples collected on April 15th were picked up by STAT on April 15th. Time-integrated sampling has been discontinued during backfilling operations. Time-integrated sampling will resume 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 (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 March 20th were reported via email on April 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

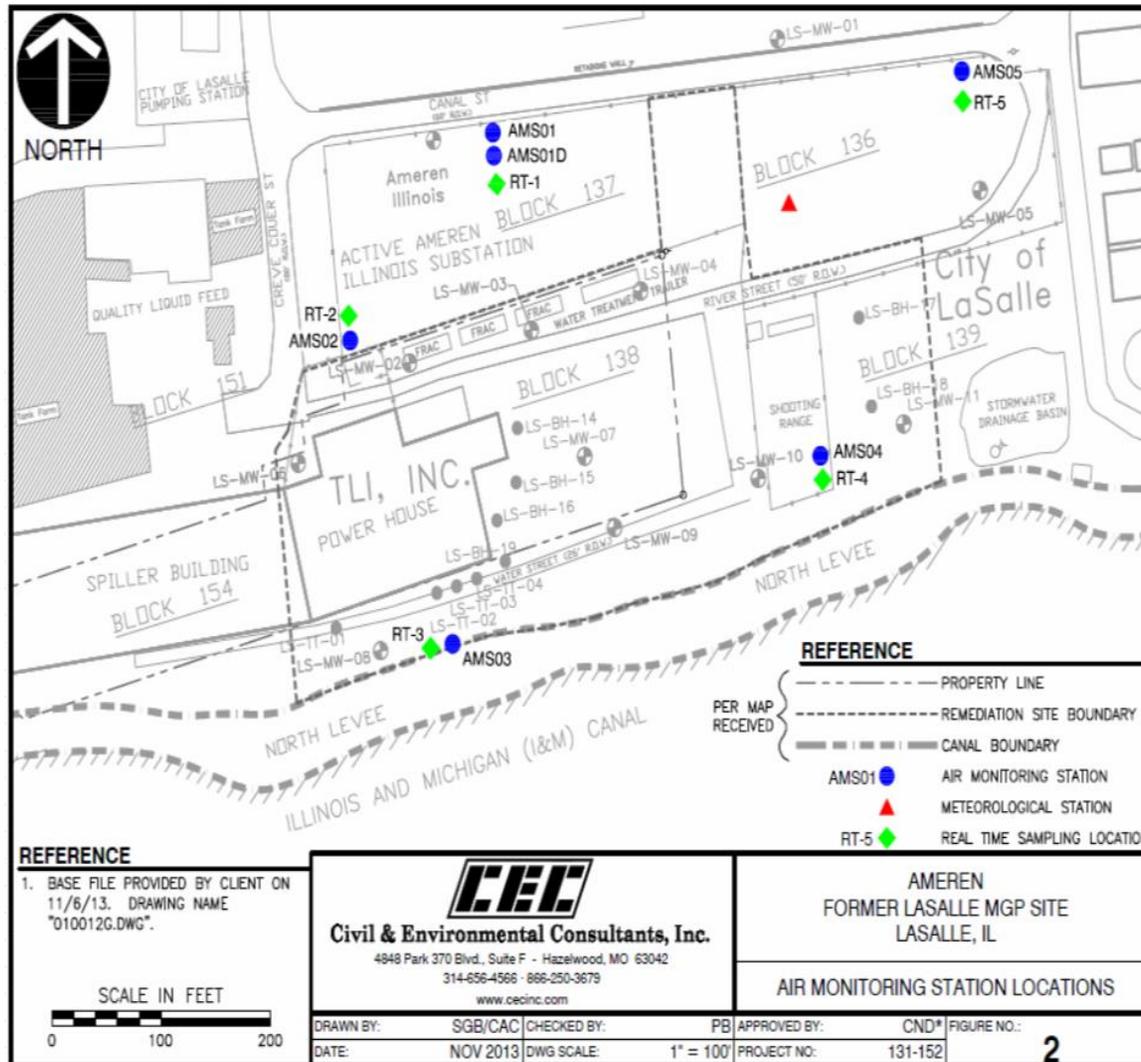
- Real-time monitoring continuing during backfill activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.



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

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

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Project Milestones

Actual Quantities

Weather:

Prior Total: This Period: Total To Date:

Rainfall (inches)	3.10	0.35	3.45	2014 total 41.82" rain
Snowfall (inches) winter 2014-2015	36.27	0.00	36.27	snowfall for winter 2013-2014 was 60.15"

Material Type:

Project Estimates

Original: Revised:

Solid Waste Material:

Construction & Demolition Debris- Republic (tons)	16,269.84	191.09	16,460.93	0	0
MGP Impacted Soil (Non-Source)- Republic (tons)	57,716.51	0.00	57,716.51	120,000*	0
MGP Impacted Soil (Source)- PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	73,986.35	191.09	74,177.44	0	0

Addt. Solid Waste Material:

Clean Brick-Canon Pit (loads)	111.00	0.00	111.00	0	0
Asbestos Containing Material (ACM)- Republic (tons)	1,240.00	0.00	1,240.00	0	0
Scrap Metal (loads)	8.00	0.00	8.00	0	0
United Scrap Material (weight)	143.40	0.00	143.40	0	0

Clean Material:

CM-06, 1-inch Minus (tons)	15,233.60	0.00	15,233.60	0	0
Lime Screenings (tons)	33,149.34	3,212.91	36,362.25		
CS-02, 2- to 3-Inch Clean Stone (tons)	6,341.64	270.05	6,611.69	0	0
2-Inch Clean Stone (tons)	0.00	0.00	0.00	0	0
4-Inch Crushed Concrete (tons)	0.00	0.00	0.00	0	0
<i>Stone Backfill Subtotal</i>	54,724.58	3,482.96	58,207.54	0	0
CA-7, 1-Inch Clean Stone (tons)	1,064.55	0.00	1,064.55	0	0
Clean Soil Backfill (tons)	6,181.97	0.00	6,181.97	0	0
Top Soil (cubic yard)	0.00	0.00	0.00	0	0
TOTAL	61,971.10	3,482.96	65,454.06	0	0

Treated Wastewater:

Discharged to PDC (gallons)	1,495,100	0	1,495,100	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	1	4	4	5	5	
Requested	1	4	4	5	5	



Looking southwest in Phase 8, equipment working on drying Phase 9 excavation bottom and preparing to load out more debris.



Looking northwest at Phase 9, excavators spreading stone backfill and loading demo debris.



Looking northeast at Phase 9, backfill progress on 4/15/15.



Looking west, equipment spreading lime screenings on Lift #9 at 14 feet bgs to backfill Phases 7, 8, and 9.



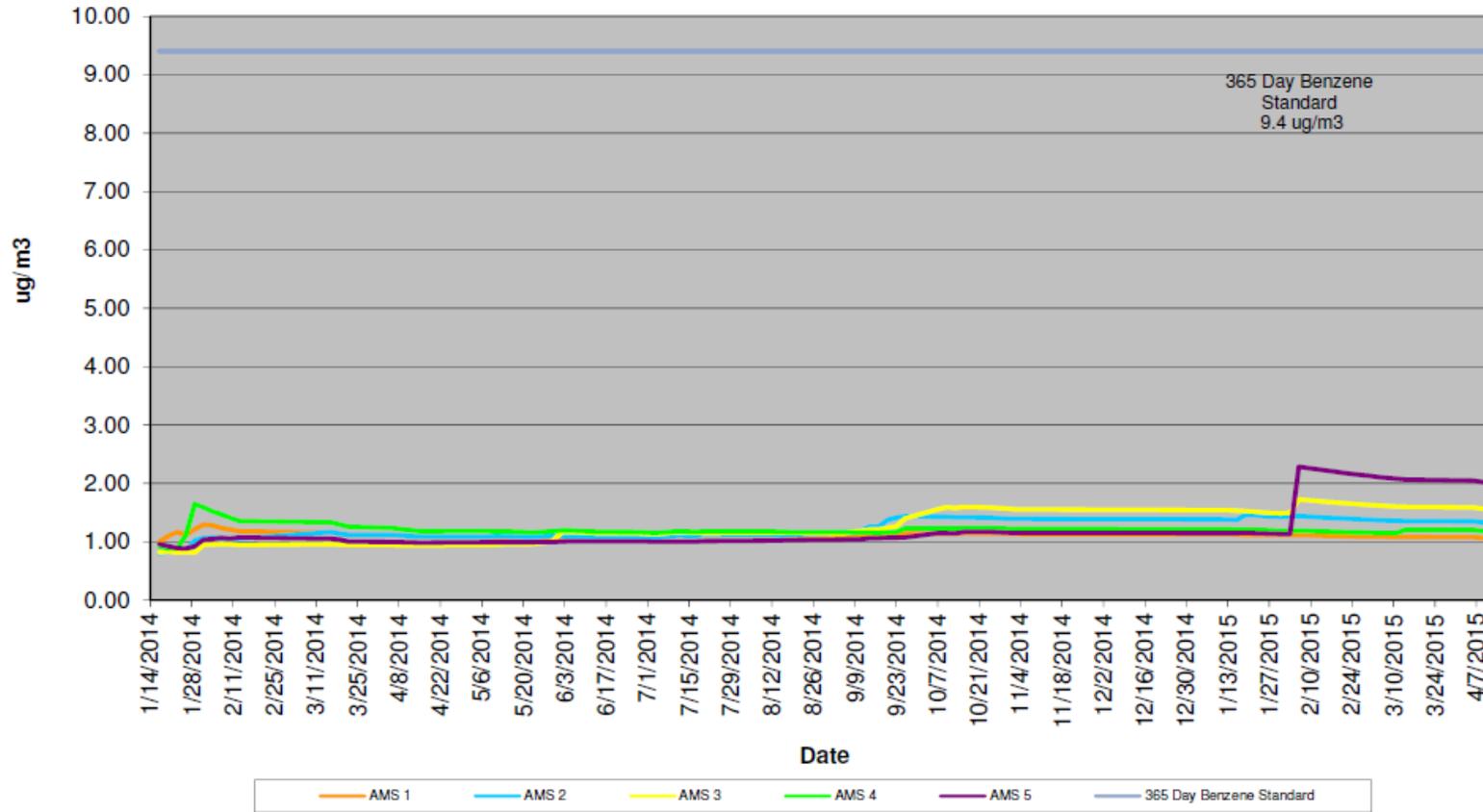
Water accumulating in the NE corner of the old vault area. Pumping into a frac tank.



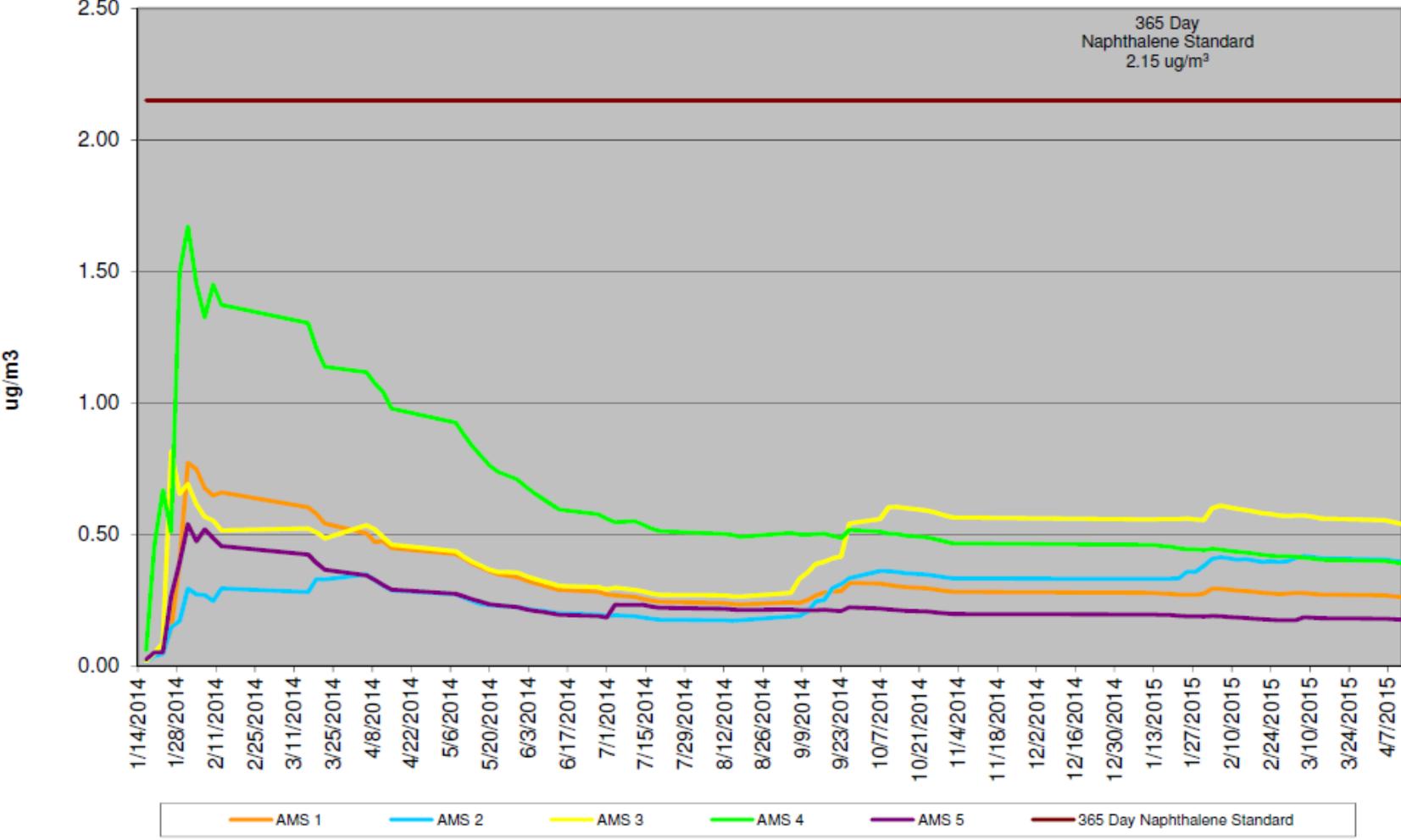
Midwest Testing taking a compaction test on Lift #9 while PSC takes compaction test with EDG.



Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 4/12/2015



**Preliminary Naphthalene Running Averages
LaSalle MGP Site
1/14/2014 - 4/12/2015**



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 4/12/2015

