



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

Period: April 20 through 26, 2015 (Week 84)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued to backfill 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 (0 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 63,124.03 tons of rock (lime screenings, one-inch minus, and two- to three-inch clean rock) (4,916.49 tons this week) have been brought in to address the haul roads and parking areas. Approximately 17,000 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 20th:

Site was very wet. Continued backfilling the south half of Lift #10 at 12 feet bgs, with crew working to dry surface. The northern half was left to dry overnight. Approximately 6,000 gallons of water were pumped to Frac Tank #2. Five Pohar trucks brought in limestone screenings from Utica Quarry for backfill. QLF aerated the storm water basin; they also unlocked the east gate after an employee locked it last Friday.

Tuesday - April 21th:

Continued to backfill with five Pohar trucks bringing lime screenings from Utica Quarry. PSC performed 8 compaction tests on the southern half of Lift #10 and all tests passed 95% compaction. Lift #10 at 12 feet bgs was completed; the 3 final compaction tests passed. Approximately 6,000 gallons of water were pumped into Frac Tank #2. QLF aerated the storm water basin.

Wednesday - April 22th:

Continued backfilling with five Pohar trucks. Approximately 5,000 gallons of water were pumped into Frac Tank #2, filling it up. A total of 17,000 gallons were pumped into the tank this week. QLF aerated the storm water basin.

Thursday - April 23th:

Backfill continued today with five trucks from Pohar. PSC took 6 compaction tests with the EDG on the west half of Lift #11 at 11 feet bgs. All 6 tests passed 95% compaction. QLF aerated the storm water basin.

Friday - April 24th:

Continued to backfill with five trucks from Pohar. PSC performed compaction testing on the east side of Lift #11 at 11 feet bgs. All 3 tests passed 95% compaction. The crew began placing material on Lift #12 at 10 feet bgs. Site was prepped for the weekend and everyone left the site.

Saturday - April 25th:

No site work performed.

Health & Safety Activities:

Weather Conditions: This week was cool and windy, with the ground drying from weekend rains. Skies were mostly cloudy, with sunshine throughout the middle of the week. The highs for the week ranged from 52-61, with temperatures peaking Friday. Lows were between 32 and 41.

H&S Issues/ Other: Topics covered this week included "Excuses," "When You Least Expect It... Lessons Learned," "Carelessness," "Is Fiberglass a Health Hazard?," and "Everyone is Responsible for Safety."

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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Completed By: Mark Kroenig

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**LaSalle MGP Air Monitoring Progress Report
Week Ending April 25, 2015**

Developments During Reporting Period

Activities Performed

- 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 April 12th were reported via email on April 21st. 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

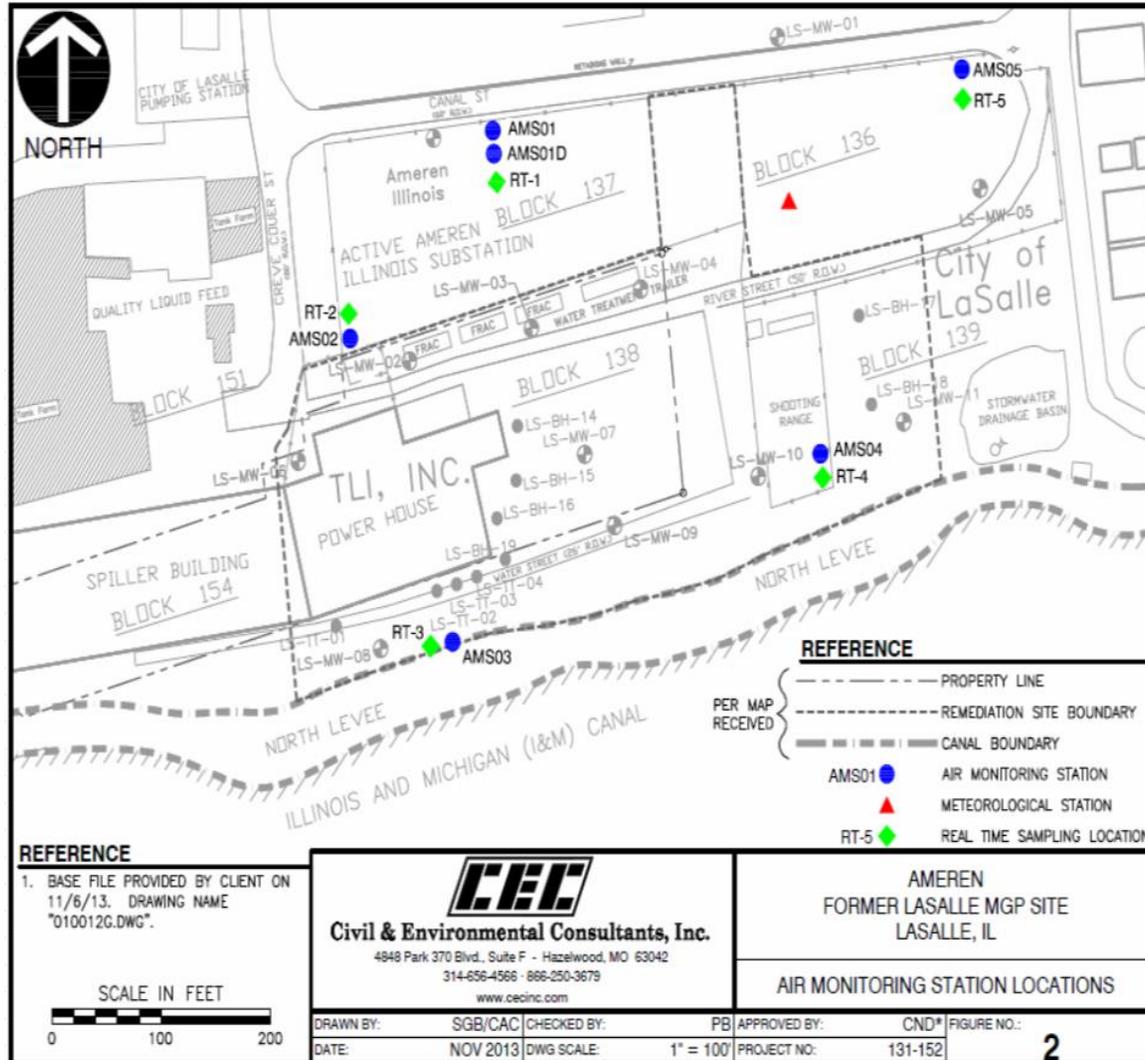
- Real-time monitoring continuing during backfill activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities 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) | 3.45 | 0.45 | 3.90 | 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) | 16,460.93 | 0.00 | 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 | 74,177.44 | 0.00 | 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) | 36,362.25 | 4,916.49 | 41,278.74 | 0 | 0 |
| CS-02, 2- to 3-Inch Clean Stone (tons) | 6,611.69 | 0.00 | 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> | 58,207.54 | 4,916.49 | 63,124.03 | 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 | 65,454.06 | 4,916.49 | 70,370.55 | 0 | 0 |

Treated Wastewater:

| Accumulated in onsite storage (gallons) | 1,495,100 | 17,000 | 1,512,100 | 0 | 0 |
|---|-----------|--------|-----------|---|---|
| Discharged to PDC (gallons) | 1,495,100 | 0 | 1,495,100 | 0 | 0 |

*MGP Impacted Soil volume is data presented in the site investigation report.

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

| | | | | | | |
|-------------------|---|---|---|---|---|--|
| Actually Received | 5 | 5 | 5 | 5 | 5 | |
| Requested | 5 | 5 | 5 | 5 | 5 | |



Southeast corner looking west at backfill operations on Lift #10 at 12 ft bgs.



Looking southwest, Pohar truck dumping lime screenings for Lift #10 at 12 ft bgs.





Looking south, lime screenings being placed on Lift #11 at 11 ft bgs.



PSC performing compaction tests on Lift #11 at 11 ft bgs. The 6 tests on the western half of Lift 11 all passed 95% compaction.





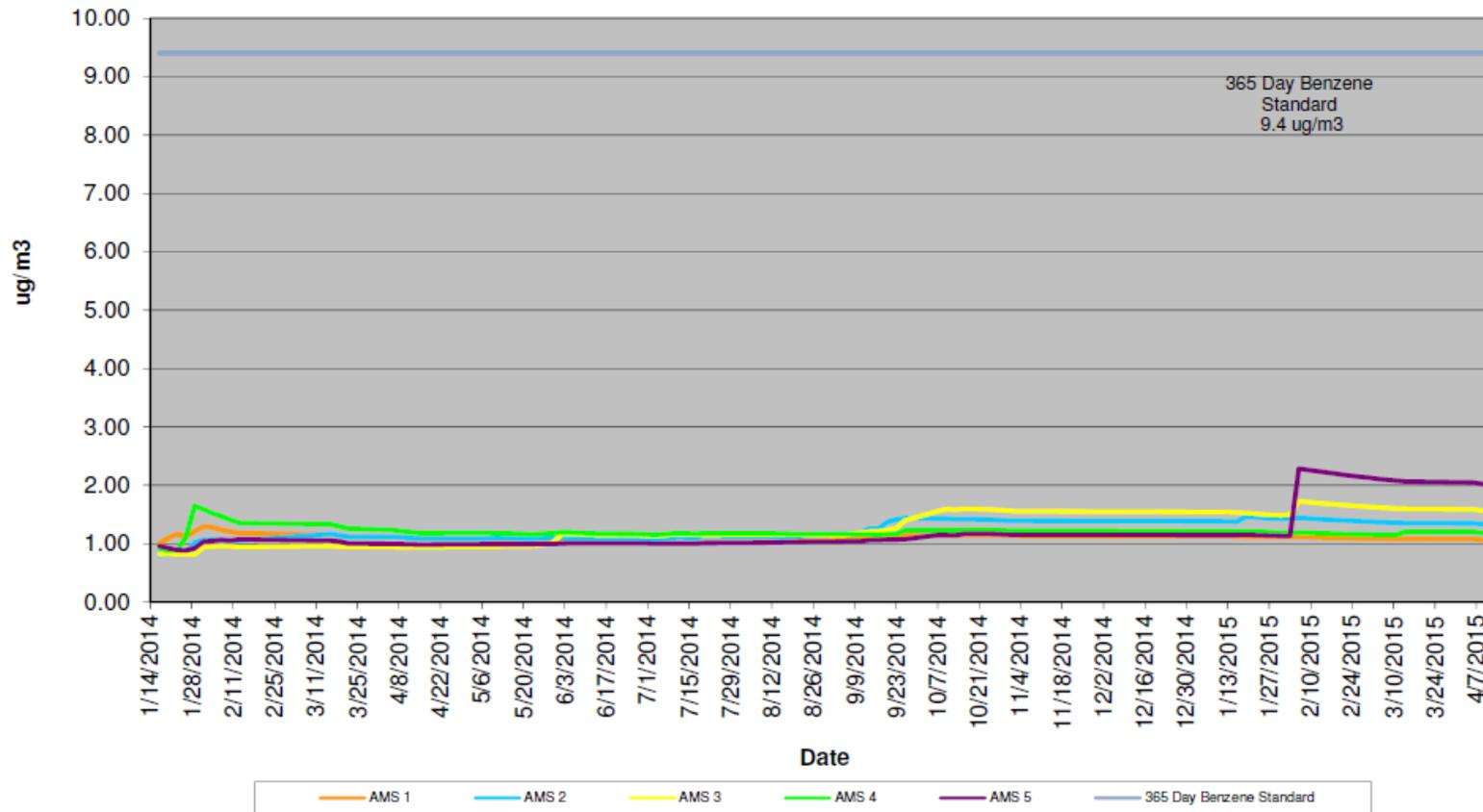
Looking west at the canal; water level has dropped.



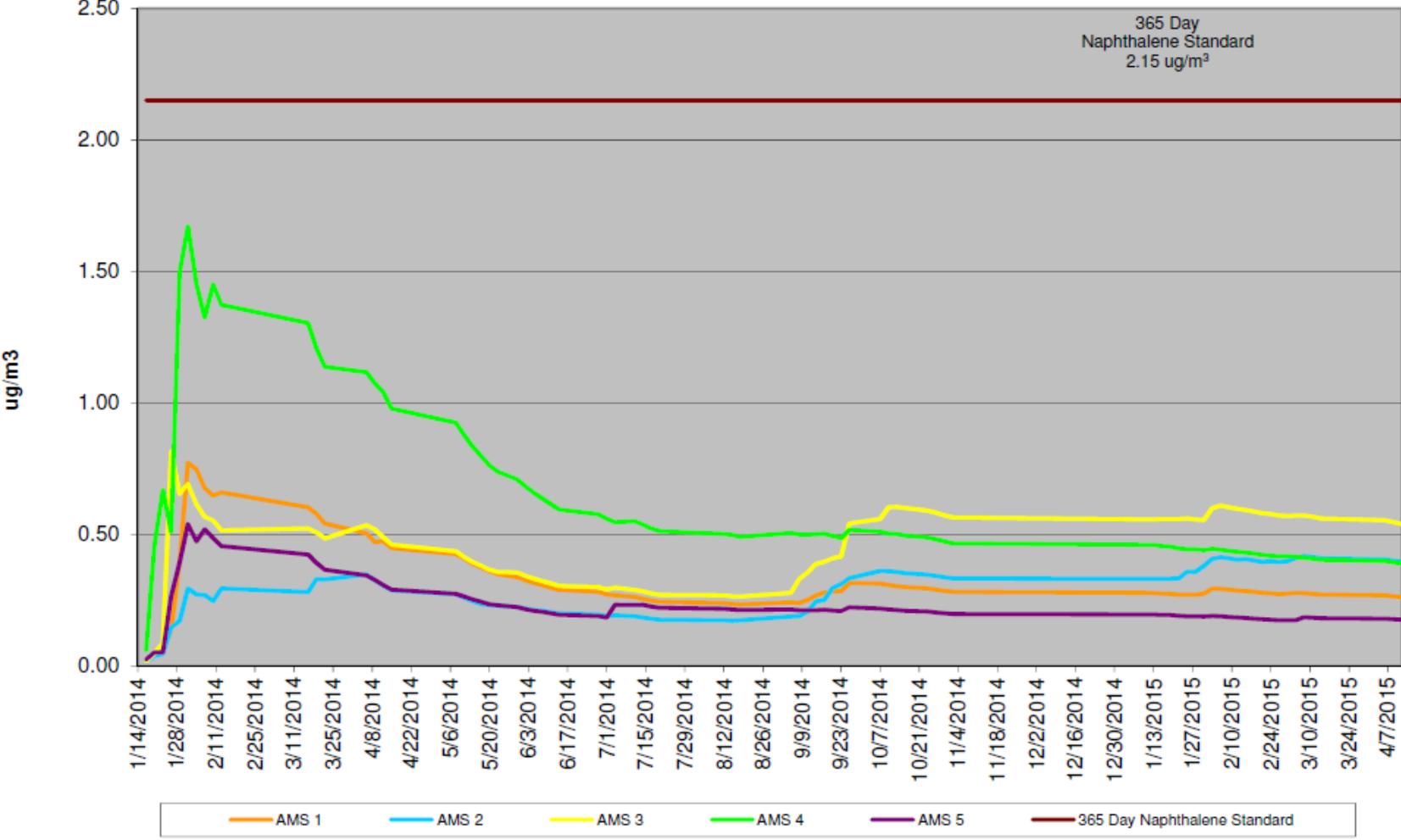
Looking west, lime screenings being placed for Lift #12 at 10 feet bgs.



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

