



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

Period: April 6 through 12, 2015 (Week 82)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC began excavating the remaining portion of Phase #9 this week. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 16,269.84 tons of Construction Debris (0 tons this week) and 57,716.51 tons of Non-Source Material (3,326.95 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 54,724.58 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock); (0 tons this week) have been hauled onsite to use as backfill material. In addition, 1,064.55 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 - April 6th:

The crew began excavating the remaining western portion of Phase #9. Four trucks were used to haul impacted soil to Republic Landfill for disposal. Construction debris was separated from impacted soil.

Tuesday - April 7th:

Continued to excavate the remaining western portion of Phase #9. Four trucks were used to haul impacted soil to Republic Landfill for disposal. QLF aerated the storm water basin.

Wednesday - April 8th:

Excavation continued in the western portion of Phase #9. This area has a lot of concrete and pipe debris. Confirmation samples were collected in the walls and floor of the south west side of the excavation. Five trucks hauled impacted soil to Republic Landfill for disposal. Met with local Ameren personnel to discuss the area in the substation that needs to be excavated.

Thursday - April 9th:

Excavation slowly continued in the western portion of Phase #9, delayed by rain throughout the day. Confirmation samples were collected in the wall and floor of the east section of the Phase #9 excavation. Five trucks hauled impacted soil to Republic Landfill for disposal.

Friday - April 10th:

Finished excavation in Phase #9 and breaking up concrete from excavation. Six small diameter steel pipes running through the canal were plugged with concrete. A decision concerning what to do with the 40" diameter cast iron pipe will be made next week. The concern is that if the pipe is removed or disturbed, it may serve as a conduit for water to enter into the excavation, if the water level in the Canal is higher than the bottom of the pipe. See the attached photos.

Saturday - April 11th:

No site work performed.

Health & Safety Activities:

Weather Conditions: This week was mostly cloudy, cool, and rainy. It rained several days and nights this week. Temperatures ranged from 39 to 73 degrees.
H&S Issues/Other: Discussed the following topics: Job Safety Checklist, Pinch Points, Are You Dressed for the Occasion?, Hazard Awareness, and Electrocutation.

Out of Scope Items:

None



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

Period: April 6 through 12, 2015 (Week 82)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending April 11, 2015**

Developments During Reporting Period

Activities Performed

- Time-integrated air monitoring resumed on April 6th. Time-integrated air samples were collected from April 6th to April 9th and April 9th to April 12th. Samples collected on April 9th were picked up by STAT on April 9th. Samples collected on April 12th are expected to be picked up by STAT on April 13th.
- 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

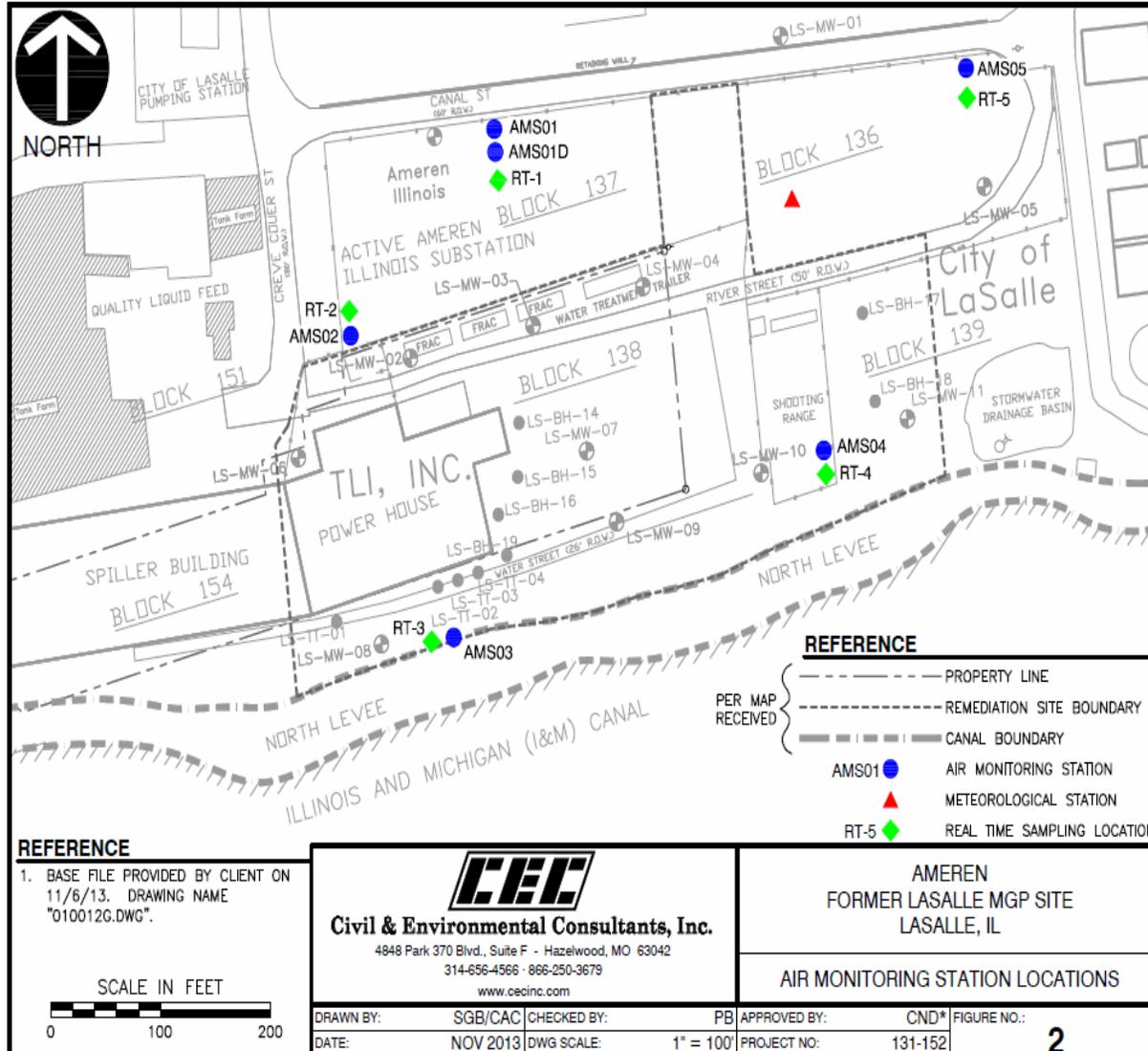
- Real-time monitoring continuing during backfill activities.
- Conduct time-integrated sampling during intrusive activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results 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**

Period: April 6 through 12, 2015 (Week 82)
Completed By: Mark Kroenig

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

Period: April 6 through 12, 2015 (Week 82)
Completed By: Mark Kroenig

PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

Rainfall (inches)

Snowfall (inches) winter 2014-2015

Prior Total: This Period: Total To Date:

2.03	1.07	3.10
36.27	0.00	36.27

2014 total 41.82" rain

snowfall for winter 2013-2014 was 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

16,269.84	0.00	16,269.84	0	0
54,389.56	3,326.95	57,716.51	120,000*	0
0.00	0.00	0.00	0	0
70,659.40	3,326.95	73,986.35	0	0

Addt. Solid Waste Material:

Clean Brick-Canon Pit (loads)

Asbestos Containing Material (ACM)-Republic (tons)

Scrap Material (loads)

United Scrap Material (weight)

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
143.40	0.00	143.40	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)

4-Inch Crushed Concrete (tons)

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)

Clean soil backfill (tons)

Top Soil (cubic yard)

TOTAL

15,233.60	0.00	15,233.60	0	0
33,149.34	0.00	33,149.34		
6,341.64	0.00	6,341.64	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
54,724.58	0.00	54,724.58	0	0
1,064.55	0.00	1,064.55	0	0
6,181.97	0.00	6,181.97	0	0
0.00	0.00	0.00	0	0
61,971	0.00	61,971	0	0

Treated Wastewater:

Discharged to PDC (gallons)

1,495,100	0.00	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

Requested

4	4	5	5	5	
5	5	5	5	5	



Looking south; starting to load impacted soil from remaining Phase #9 area.



Looking north at excavators removing concrete structures and debris in Phase #9 excavation.



40" intake and 6 smaller pipes, all running through the canal berm in the Phase #9 excavation area.



Southwest corner of Phase #9 excavation. Shown is the final depth; all soil is clean of MGP impact, but does have molasses and ammonia from QLF spill.

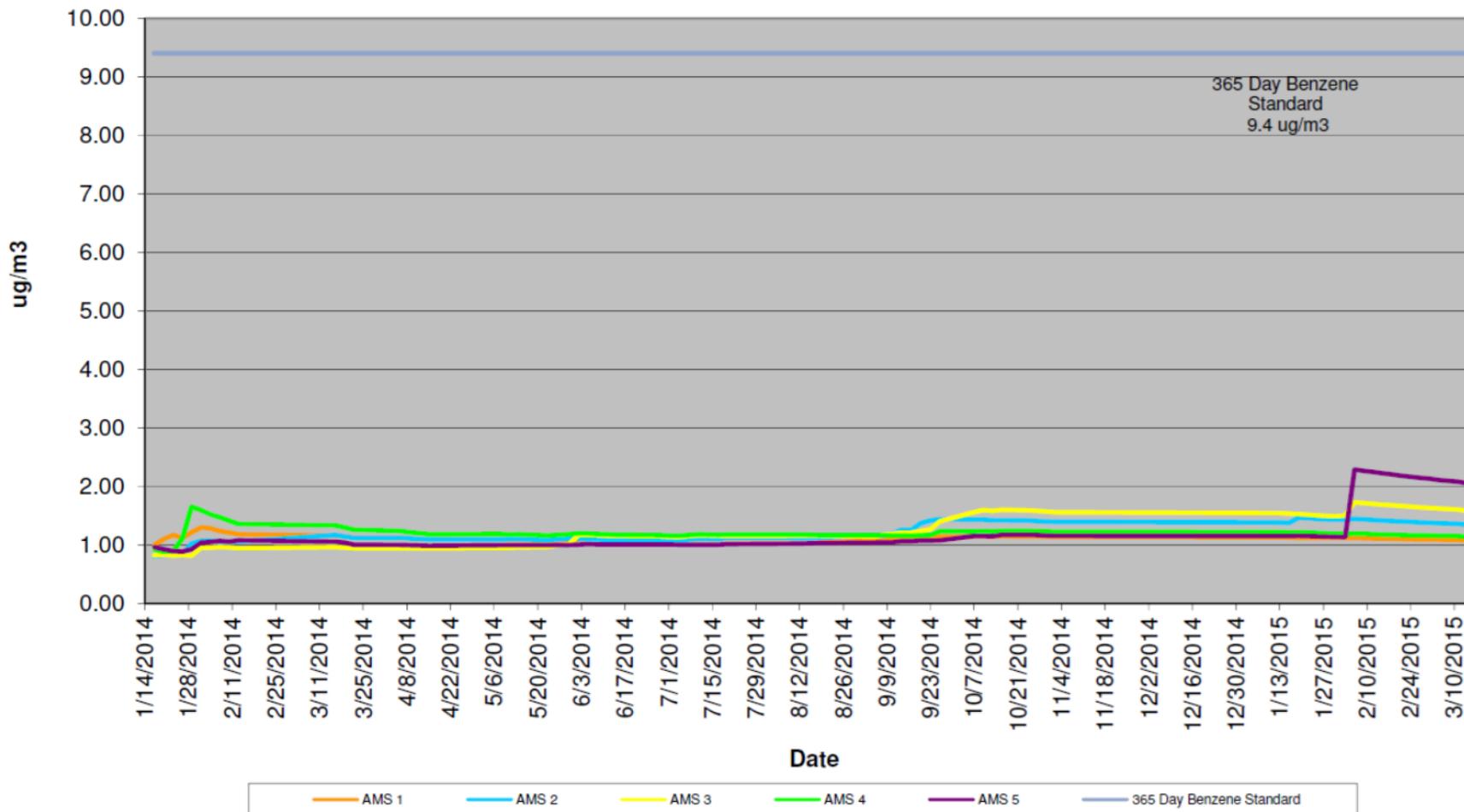


Looking north at Phase #9 excavation and large 40" ductile iron pipe running south through canal berm.

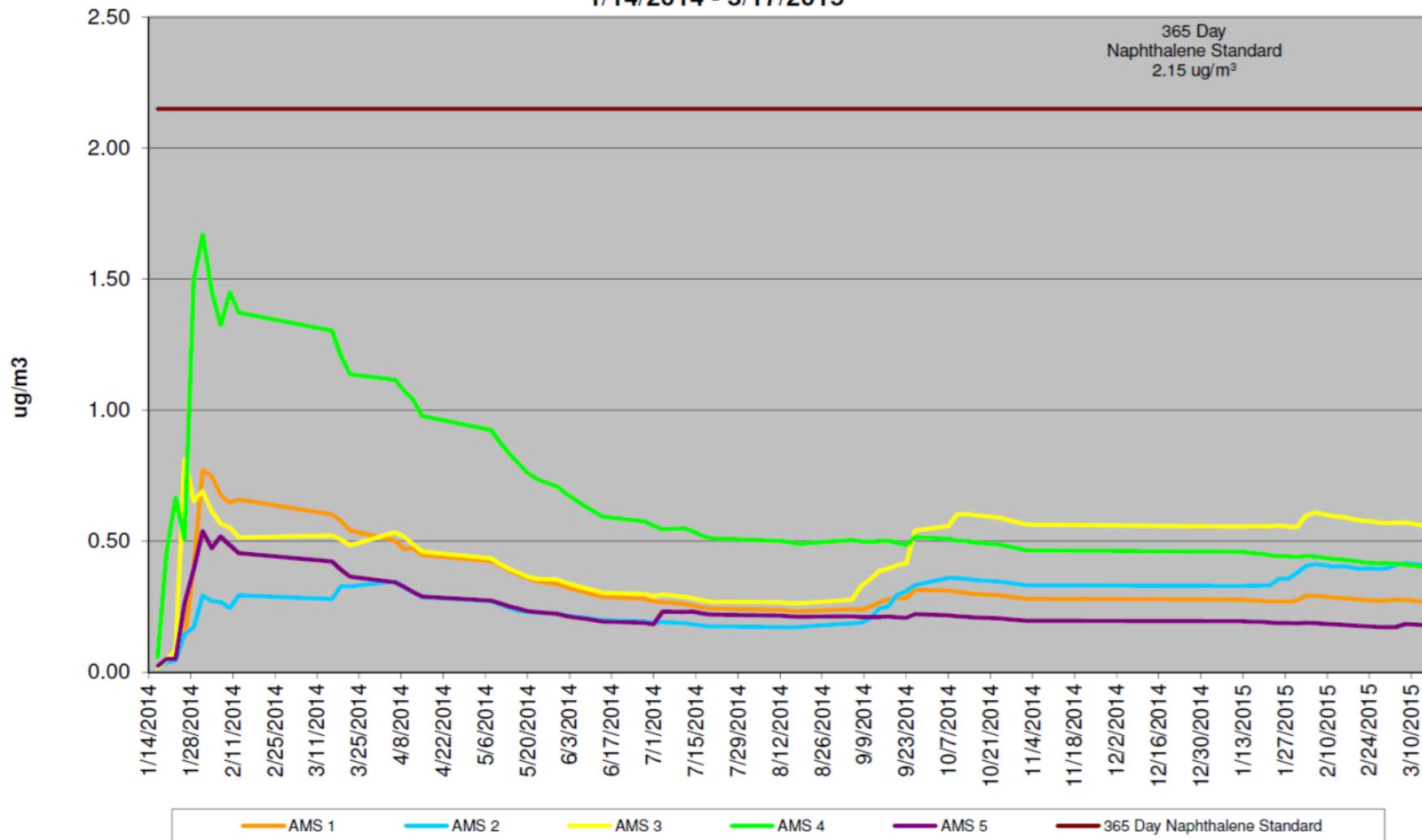


Another photo looking south of the 40" iron pipe in the Phase #9 excavation area. The pipe is flanged and the northern end is capped.

Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 3/17/2015



**Preliminary Naphthalene Running Averages
LaSalle MGP Site
1/14/2014 - 3/17/2015**



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 3/17/2015

