



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

Period: August 4 through 10, 2014 (Week 47)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation activities, including backfilling of the Phase 9 and 10 excavation. The sketch on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 3,561.82 tons of Construction Debris (0 tons this week) and 28,913.17 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 3,768.71 tons of clay (0 tons this week) and 30,371.12 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 3,518.12 tons this week) have been hauled onsite to use as backfill material. In addition, 471.90 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 20,000 gallons of water removed from the excavation are currently containerized, while approximately 464,000 gallons (0 this week) have been hauled offsite for disposal.

Monday - August 4th:

Continued backfilling and compaction of the Phase 9/10 excavation with lime screenings from LaFarge's Utica Quarry. Lift #11 was completed, and compaction testing was completed and passed using the EDG. Approximately 4,000 gallons of water was pumped into the onsite storage from the excavation. QLF continued aeration of the stormwater basin and hauled 3 loads of ammonia impacted water from the basement for offsite disposal. Jeff Bumgarner from the City of LaSalle visited the site and discussed options for temporary and permanent sewer replacement.

Tuesday - August 5th:

Continued backfilling and compaction of the Phase 9/10 excavation with lime screenings from LaFarge's Utica Quarry. Lift #12 was completed and compaction testing was passed using the EDG. Approximately 3,000 gallons of water was pumped into the onsite storage from the excavation. QLF continued aeration of the stormwater basin and hauled 1 load of ammonia impacted water from the basement for offsite disposal.

Wednesday - August 6th:

Continued backfilling and compaction of the Phase 1/9/10 excavation with lime screenings from LaFarge's Utica Quarry. Lifts #13 and #14 were completed and compaction tested and passed using the EDG. Approximately 1,000 gallons of water was pumped into the onsite storage from the excavation. QLF continued to haul ammonia impacted basement water offsite for disposal (2 loads), and continued aeration of the stormwater basin.

Thursday - July 31st:

Continued backfilling and compaction of the Phase 9/10 excavation with lime screenings from LaFarge's Utica Quarry. The crew began to place screenings for Lift #15. Approximately 1,000 gallons of water was pumped into the onsite storage from the excavation. The Laborers plugged the 24" storm pipe into the stormwater basin (to prevent backflow of water into the next phase of excavation). QLF continued to haul ammonia impacted basement water offsite for disposal (1 load), and continued aeration of the stormwater basin.

Friday - August 1st:

Continued backfilling and compaction of the Phase 9/10 excavation with lime screenings from LaFarge's Utica Quarry. Compaction testing was performed with the EDG and all compaction tests passed on Lift #15. Installation of the plug in the pipe running SW of the manhole was completed, however another pipe was found running due west. Due to the western pipe being under water and sediment, it will be exposed outside the manhole and plugged there. Trees are being cleared from Phase 11 on the canal berm in preparation for excavation. Phases 9/10 were prepared for the crushed limestone cap. Approximately 1,000 gallons of water was pumped into the onsite storage from the excavation. QLF continued to haul ammonia impacted basement water offsite for disposal (1 load), and continued aeration of stormwater basin.

Saturday - August 2nd:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly sunny with some clouds and high temperatures from the 70s to the 90s. Overnight rain on Monday night.

H&S Issues/Other: Workplace safety, fatal lacerations, Hydration general safety. No recordable accidents or incidents occurred.

Out of Scope Items:

None



Period: August 4 through 10, 2014 (Week 47)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending August 9, 2014**

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was discontinued on July 20th. Time-integrated sampling is expected to re-start on August 12, 2014.
- 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

- The time-integrated sampling results were updated on August 5th to include sampling results through July 20, 2014. No additional time-integrated samples have been collected since July 20, 2014. 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

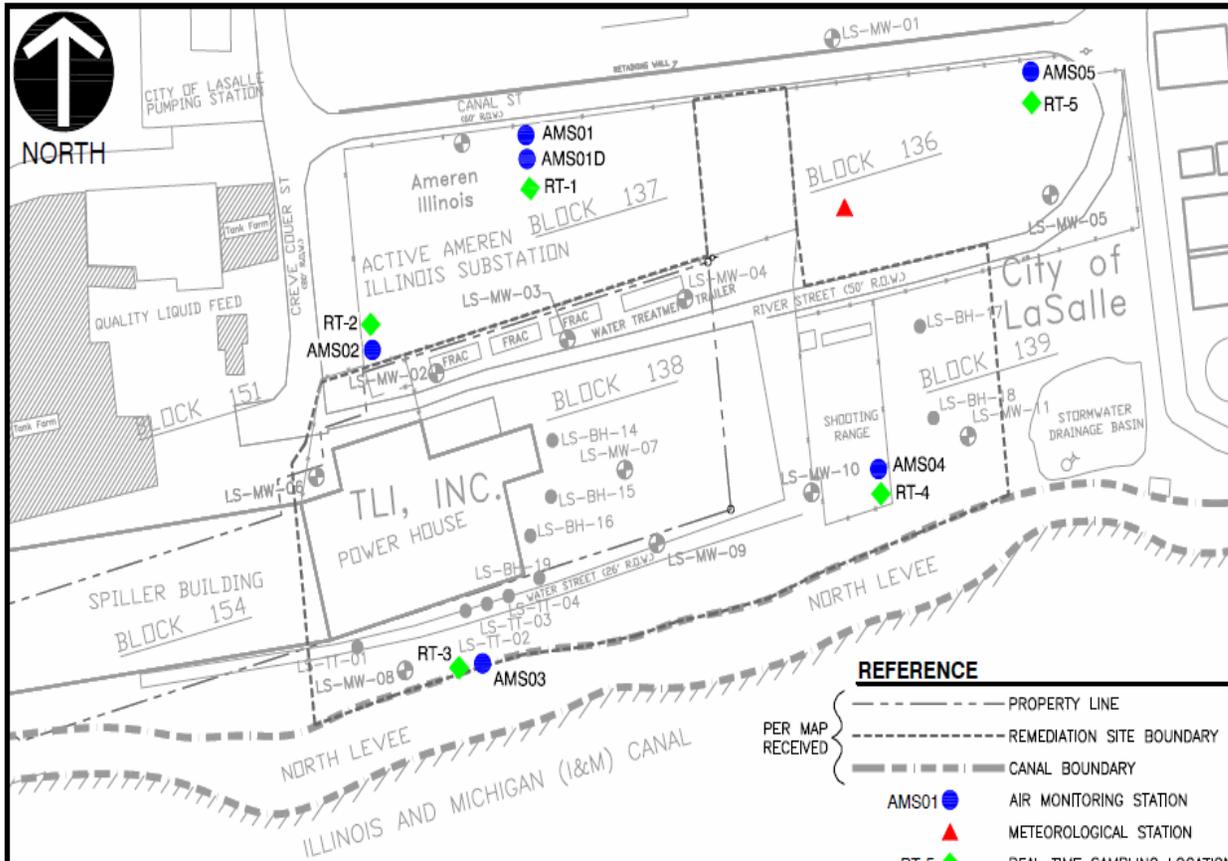
- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.



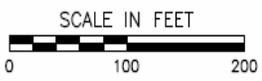
**Air Monitoring Station Locations
Ameren LaSalle Former MGP - Soil Removal Action**

Period: August 4 through 10, 2014 (Week 47)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012



REFERENCE
1. BASE FILE PROVIDED BY CLIENT ON 11/6/13. DRAWING NAME "010012G.DWG".



REFERENCE	
	PROPERTY LINE
	REMEDATION SITE BOUNDARY
	CANAL BOUNDARY
	AMS01 AIR MONITORING STATION
	METEOROLOGICAL STATION
	RT-5 REAL TIME SAMPLING LOCATION

 Civil & Environmental Consultants, Inc. 4848 Park 370 Blvd., Suite F - Hazelwood, MO 63042 314-656-4566 · 866-250-3679 www.cecinc.com		AMEREN FORMER LASALLE MGP SITE LASALLE, IL	
		AIR MONITORING STATION LOCATIONS	
DRAWN BY: SGB/CAC	CHECKED BY: PB	APPROVED BY: CND*	FIGURE NO.: 2
DATE: NOV 2013	DWG SCALE: 1" = 100'	PROJECT NO: 131-152	



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

Period: August 4 through 10, 2014 (Week 47)
Completed By: Jeff Adams

PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
Snowfall (inches)

Prior Total: This Period: Total To Date:

29.12	0.60	29.72
60.15	0.00	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

3,561.82	0.00	3,561.82	0	0
28,913.17	0.00	28,913.17	120,000*	0
0.00	0.00	0.00	0	0
32,474.99	0.00	32,474.99	0	0

Add. Solid Waste Material:

Clean Brick-Canon Pit (loads)
Asbestos Containing Material (ACM)-Republic (tons)
Scrap Material (loads)

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

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)
1 1/2-Inch Rock (tons)
4 to 8-Inch Rip Rap (tons)
4-Inch Crushed Concrete (tons)

15,056.95	0.00	15,056.95	0	0
9,759.14	3,518.12	13,277.26		
2,036.93	0.00	2,036.93	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)
Clean soil backfill (tons)
Top Soil (cubic yard)
TOTAL

26,853.02	3,518.12	30,371.14	0	0
471.90	0.00	471.90	0	0
3,768.71	0.00	3,768.71	0	0
0.00	0.00	0.00	0	0
31,093.63	3,518.12	34,611.75	0	0

Treated Wastewater:

Discharged to PDC (gallons)

464,000	0	464,000	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	4	4	3	3	3	
Requested	4	4	3	4	3	



Water in Phase #5 excavation sump, about 1200 gallons



Dozer & excavator spreading lime screenings on lift #12 at 3 ft. bgs





Completed Lift #12. All compaction tests passed using the EDG.



Stockpiling material while waiting on compaction and testing.





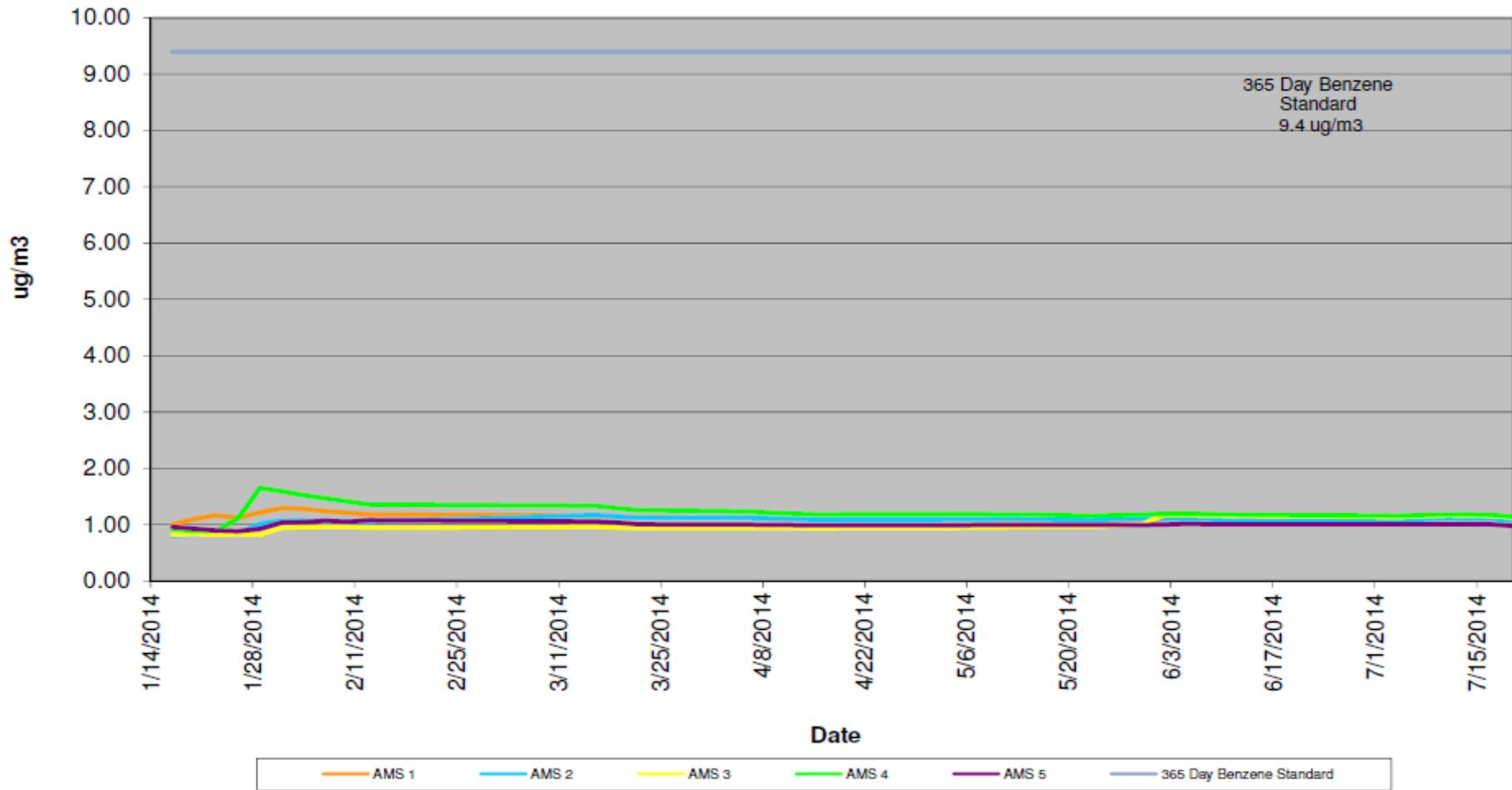
Spraying water on site roads and work areas for Site dust control



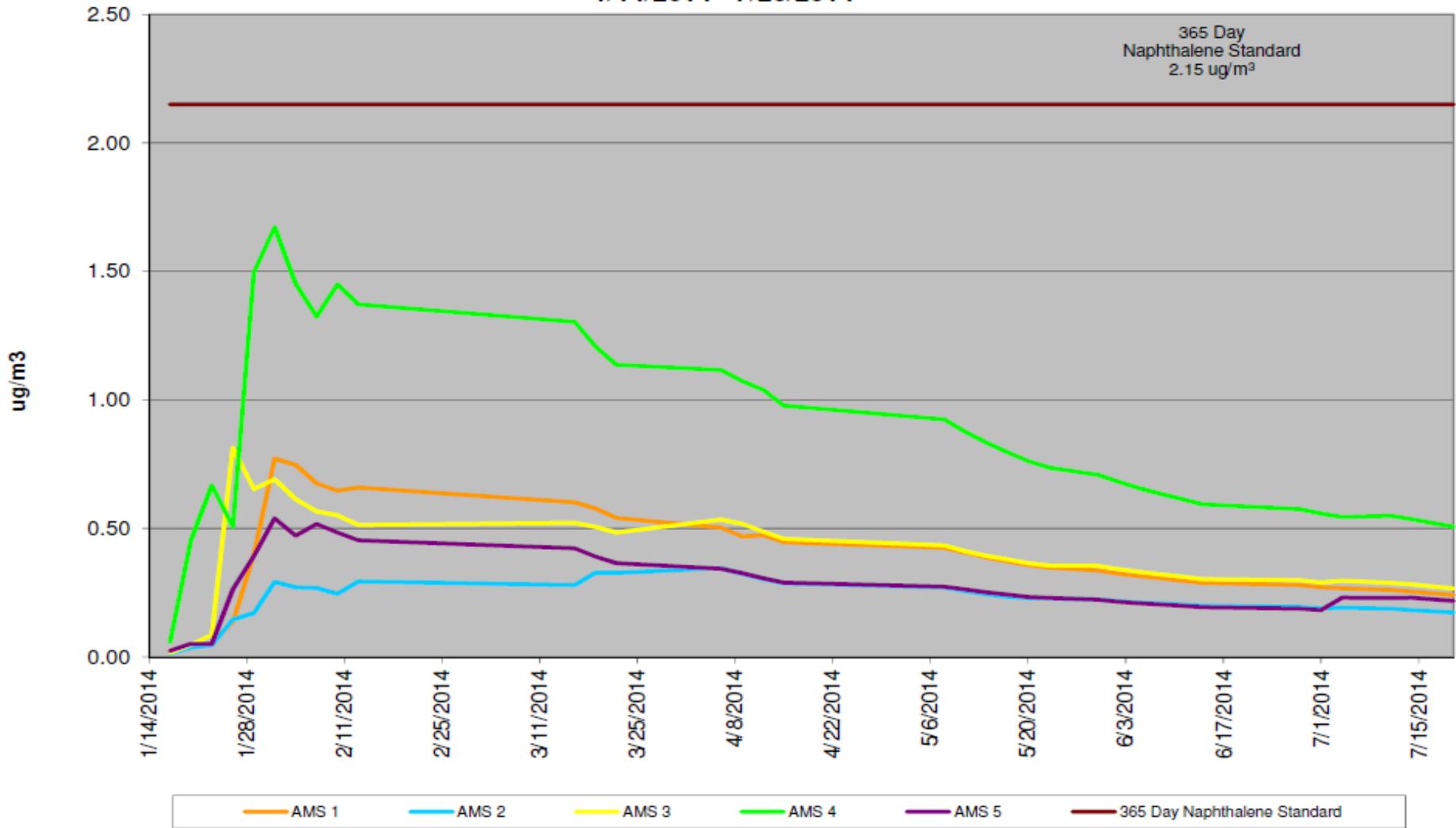
Cement plug w/hydraulic cement to prevent backflow from stormwater basin.



Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 7/20/2014



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 7/20/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 7/20/2014

