



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

Period: June 1 through 7, 2015 (Week 90)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC finished backfilling and grading and began excavating portions of Phases 14 and 15 in the former police shooting range. The figure on Page 2 shows the extent of the excavation and completed backfilling areas. A total of 16,662.50 tons of Construction Debris (201.57 tons this week) and 58,187.42 tons of Non-Source Material (470.91 tons this week) have been removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 6,181.97 tons of clay (0 tons this week) and 85,875.87 tons of rock (lime screenings, one-inch minus, and two- to three-inch clean rock) (1,003.99 tons this week) have been brought in for backfill. To address the haul roads and parking areas, a total of 1,212.89 tons of one-inch clean rock has been brought in (23.28 tons this week). Approximately 0 gallons of water removed from the excavation are currently containerized, while approximately 1,712,100 gallons (0 this week) have been hauled offsite for disposal.

Monday - June 1:

PSC continued backfilling the northwest corner of the former building footprint in Phase 8 with two Pohar trucks hauling in limestone screenings as backfill material. Frac Tank #2 had approximately 75% of the material removed with PSC's vacuum truck. Laborers on site performed the work cleaning the tanks while PSC personnel operated the truck. Sediments were dumped into the mixing pit constructed in Phase 15. Test pits were dug in Phases 14 and 15 near the north-middle side of the former police shooting range backstop and on the north side near the former police shooting range building, and two shallow samples were taken in grids M20 and J20. QLF pumped water from the storm water basin into the City wastewater treatment plant (WWTP).

Tuesday - June 2:

PSC finished backfilling the northwest corner of the building footprint with two Pohar trucks hauling in limestone screenings as backfill. Frac Tank #2 was finished being cleaned with the vacuum truck and the crew began on Frac Tank #1. PSC collected 25 surface samples from the Canal. QLF did not pump water from the storm water basin.

Wednesday - June 3:

PSC finished grading the backfill area in Phase 8. The crew cleaning the frac tanks with the vacuum truck finished Frac Tank #1, decontaminated the truck, and left the site. Sediments from the tank were solidified in the cell in Phase 15. Very dry limestone screenings were hauled on site by one Pohar truck to help solidify material. QLF did not pump water from the storm water basin.

Thursday - June 4:

PSC loaded demolition debris from the basement foundation stockpile in Phase 8 with two Kirschhoffer dump trucks with steel trailers. Demo debris and concrete were also loaded out from Phase 14 after the small former police shooting range building was demolished, and sediments from the frac tanks were loaded out from Phase 15 as well. PSC took a shallow soil sample in the cinder layer found within the top two feet in the middle of Phase 15. QLF did not pump water from the storm water basin.

Friday - June 5:

PSC continued the excavation in Phase 14 with two steel trailer waste haulers from Kirschhoffers. The excavation was approximately 1.5- 2 feet bgs in order to remove the cinders and some of the material below. The crew installed temporary fence panels along the west side by the QLF building to separate the building contractor work from the rest of the site. QLF did not pump water from the storm water basin to the WWTP.

Saturday - June 6:

No work performed today.

Health & Safety Activities:

Weather Conditions: This week was warmer and mostly sunny. Highs ranged from 68 to 84 degrees F and lows ranged from 46 to 65 degrees F.

H&S Issues/ Other: Safety topics for the week included "The Basics of Safety," "Heat Stress Prevention," "Identifying Construction Hazards," "Manlift Safety Flash," and "Driving and Pulling Nails."

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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**LaSalle MGP Air Monitoring Progress Report
Week Ending June 6, 2015**

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was restarted on June 4th at the five time-integrated air monitoring stations.
- 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

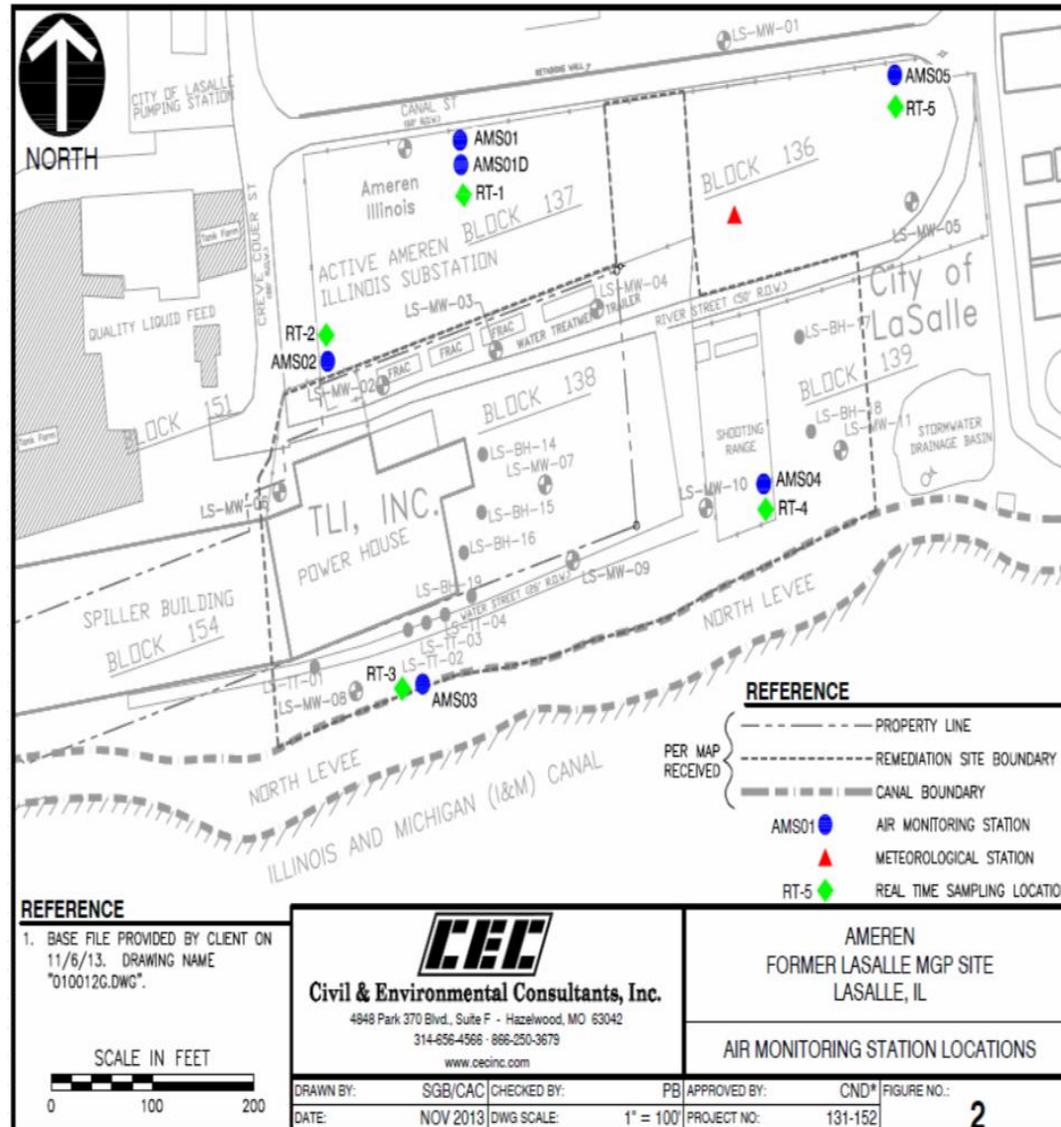
- Restarted time-integrated air monitoring at the five air monitoring stations.
- Real-time monitoring continuing during remedial activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air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



**Air Monitoring Station Locations
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**Project Milestones Summary Report
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Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
 Snowfall (inches) winter 2014-2015

Prior Total: This Period: Total To Date:

Prior Total:	This Period:	Total To Date:
11.48	0.50	11.98
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

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
Construction & Demolition Debris- Republic (tons)	16,460.93	201.57	16,662.50	0	0
MGP Impacted Soil (Non-Source)- Republic (tons)	57,716.51	470.91	58,187.42	120,000*	0
MGP Impacted Soil (Source)- PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	74,177.44	672.48	74,849.92	0	0

Addt. Solid Waste Material:

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

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
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)
 Lime Screenings (tons)
 CS-02, 2- to 3-Inch Clean Stone (tons)
 2-Inch Clean Stone (tons)
 4-Inch Crushed Concrete (tons)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
CM-06, 1-inch Minus (tons)	15,233.60	0.00	15,233.60	0	0
Lime Screenings (tons)	62,652.63	1,003.99	63,656.62	0	0
CS-02, 2- to 3-Inch Clean Stone (tons)	6,985.65	0.00	6,985.65	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

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)
 CA-11 from Utica Quarry (3/4 crushed, tons)
 Clean Soil Backfill (tons)
 Top Soil (cubic yard)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
<u>Stone Backfill Subtotal</u>	84,871.88	1,003.99	85,875.87	0	0
CA-7, 1-Inch Clean Stone (tons)	1,189.61	0.00	1,189.61	0	0
CA-11 from Utica Quarry (3/4 crushed, tons)	0.00	23.28	23.28	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	92,243.46	1,027.27	93,270.73	0	0

Treated Wastewater:

Accumulated in onsite storage (gallons)
 Discharged to PDC (gallons)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
Accumulated in onsite storage (gallons)	1,712,100	0	1,712,100	0	0
Discharged to PDC (gallons)	1,712,100	0	1,712,100	0	0

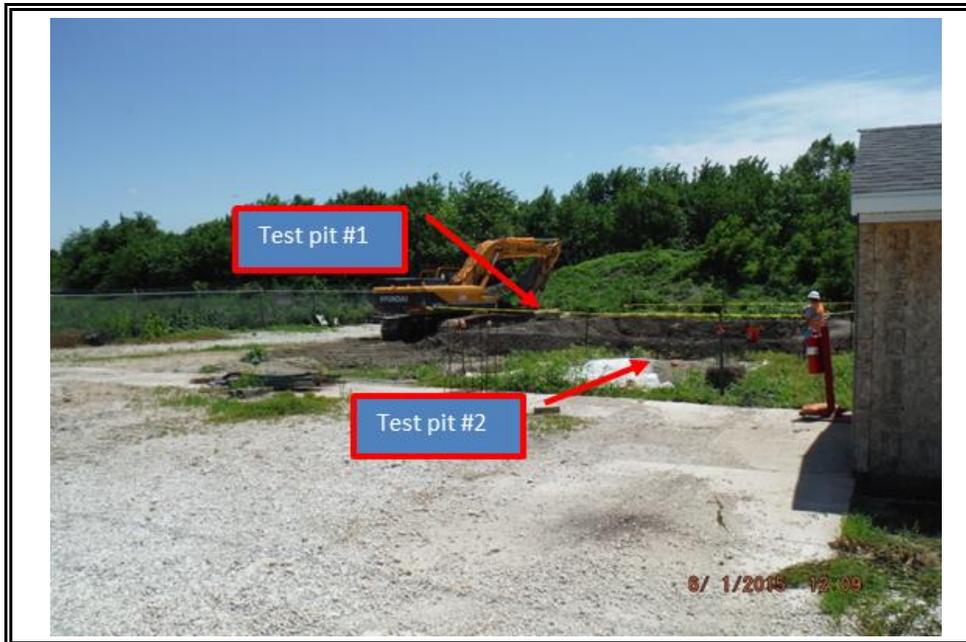
*MGP Impacted Soil volume is data presented in the site investigation report.

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

Actually Received
 Requested

	Monday	Tuesday	Wednesday	Thursday	Friday	Issues
Actually Received	2	2	1	2	2	
Requested	2	2	1	2	2	



The two test pits that were excavated east of the Sewer force main in Phases 14 and 15. The test pits are in grids M20 and J20.



Crew completing the sediment removal in Frac Tank #2





PSC collected sediment samples in the Canal.



Excavator adding dry lime screenings to the pit constructed in Phase 15 to solidify the sediments from the frac tanks.





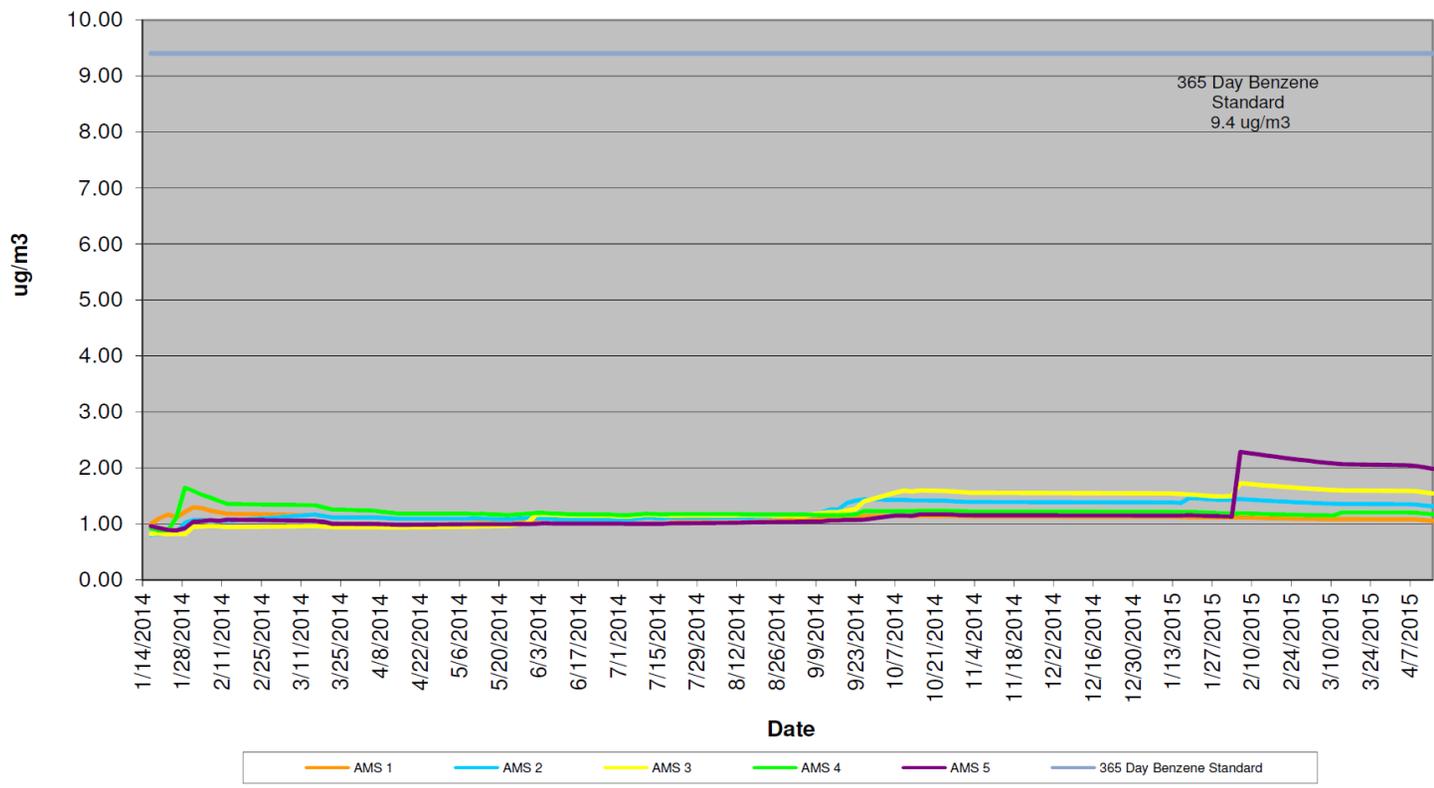
Photo taken from the south side looking northwest at the excavator loading concrete debris in Phase 8.



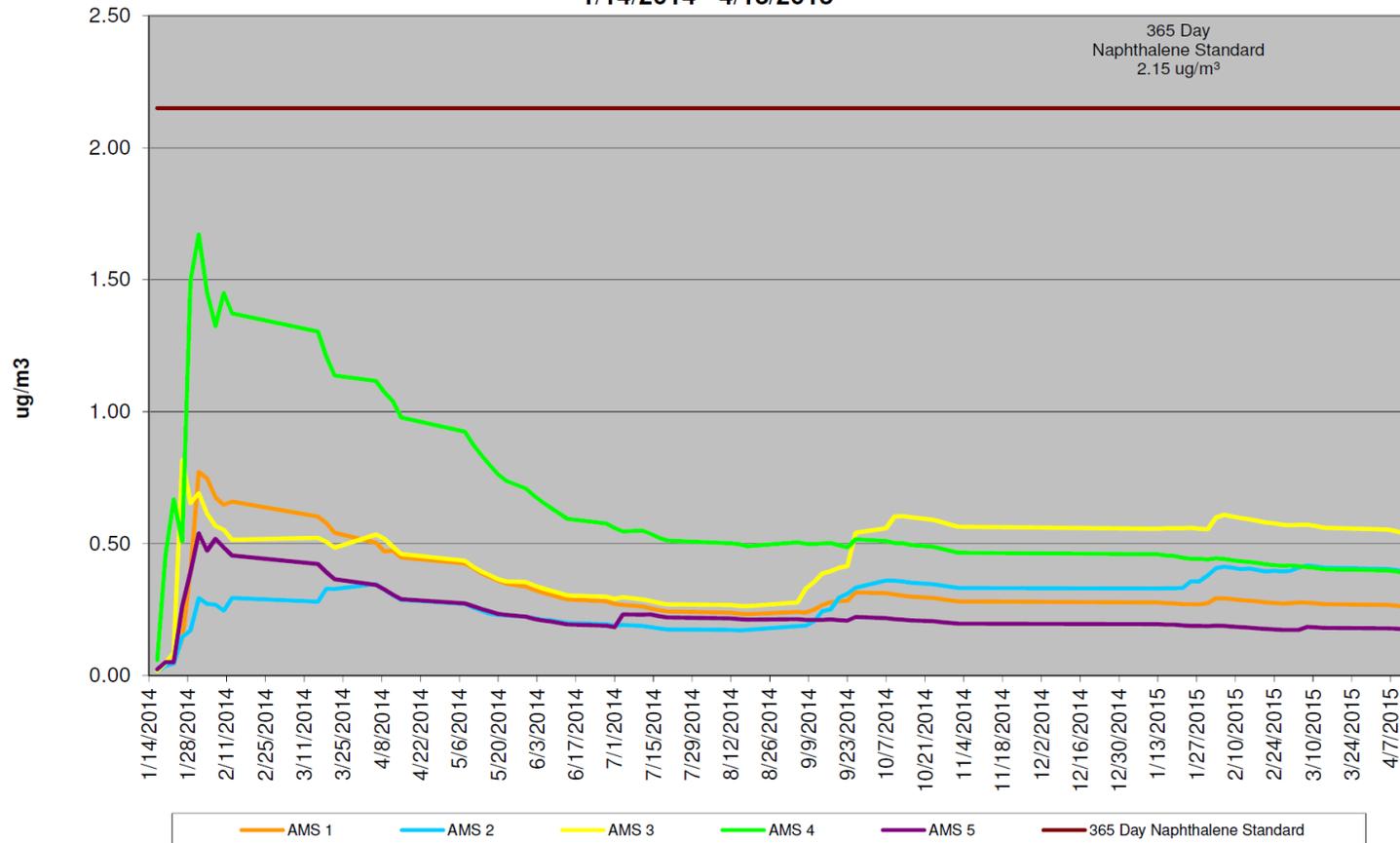
Looking southwest, loading material from the Phase 15 excavation.



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

