



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

Period: June 15 through 21, 2015 (Week 92)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

Site work was delayed as crews prepared the site for potential flooding this week. Materials and equipment were moved to higher ground and the berm was reinforced and built up to hold back rising waters. A total of 16,662.50 tons of Construction Debris (0 tons this week) and 59,743.03 tons of Non-Source Material (0 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 86,735.73 tons of rock (lime screenings, one-inch minus, and two- to three-inch clean rock) (0 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 (0 tons this week). Approximately 11,000 gallons of water removed from the excavation are currently containerized, while approximately 1,741,100 gallons (0 this week) have been hauled offsite for disposal.

Monday - June 15:

Crew pumped over 11,000 gallons of water from weekend rains into Frac Tank #2. Operators were building the canal berm back up where material was removed for the ramp and were covering exposed cinders in the shallow excavation so that no impacted material contacted water in case of flooding. PSC cancelled the sewer installation due to predicted rising water levels. The soil berm was extended between the former police shooting range and the storm water basin all the way to River Street to prevent site flooding from the storm water basin. Crew moved equipment to higher ground to prepare for potential flooding. QLF was not allowed to pump water from the storm water basin, as the City told them they already had too much water from weekend rains.

Tuesday - June 16:

Crew pumped water into the frac tanks from rain Monday night. Crew continued to move equipment to higher ground on site. Water levels rose in the canal and along the railroad tracks east of water street. The fuel in the tank on site was removed in order to move the tank; the fuel removed will be credited to the project. Heavy equipment was moved to the office area and a 3" hose was set out to dewater the site if it floods. QLF did not pump water from the storm water basin.

Wednesday - June 17:

Continued to prepare the site for potential flooding. Union crew was sent home early after moving the storm sewer pipe. Representative from the IEPA was on site to take photos of the site and storm water lagoon. Water was leaking through the berm; there was a slight trickle (not measurable) along the toe of the slope. QLF did not pump water from the storm water basin.

Thursday - June 18:

Union crew did not work due to the high water level in the Canal (2.5-3 feet higher than site elevation). Water was still trickling through the berm into the storm water basin. Water level in the Canal dropped slightly (approximately one inch). QLF did not pump water from the storm water basin into the city wastewater treatment plant.

Friday - June 19:

The union crew did not work again due to high water level in the Canal. Water was leaking through the berm in a few more places, but the leaks slowed down as the water level in the Canal dropped slightly. QLF did not pump water from the storm water basin.

Saturday - June 20:

No work performed today.

Health & Safety Activities:

Weather Conditions: This week was cloudy and humid, with thunderstorms off and on all week. Highs ranged from 76 - 82 degrees F, while lows ranged from 57 - 73 degrees F.

H&S Issues/ Other: Safety topics for the week included "Seven Reasons for Accidents," "Water Safety," and "Moving Equipment."

Out of Scope Items:

Work was stopped to prepare the site for potential flooding and union crews were called off Thursday and Friday due to high water levels in the Canal.



Remediation Footprint and Excavation Progress Map
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**Air Monitoring Activity Summary Report
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**LaSalle MGP Air Monitoring Progress Report
Week Ending June 20, 2015**

Developments During Reporting Period

Activities Performed

- Time-integrated air sampling was discontinued due to potential flooding of the 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

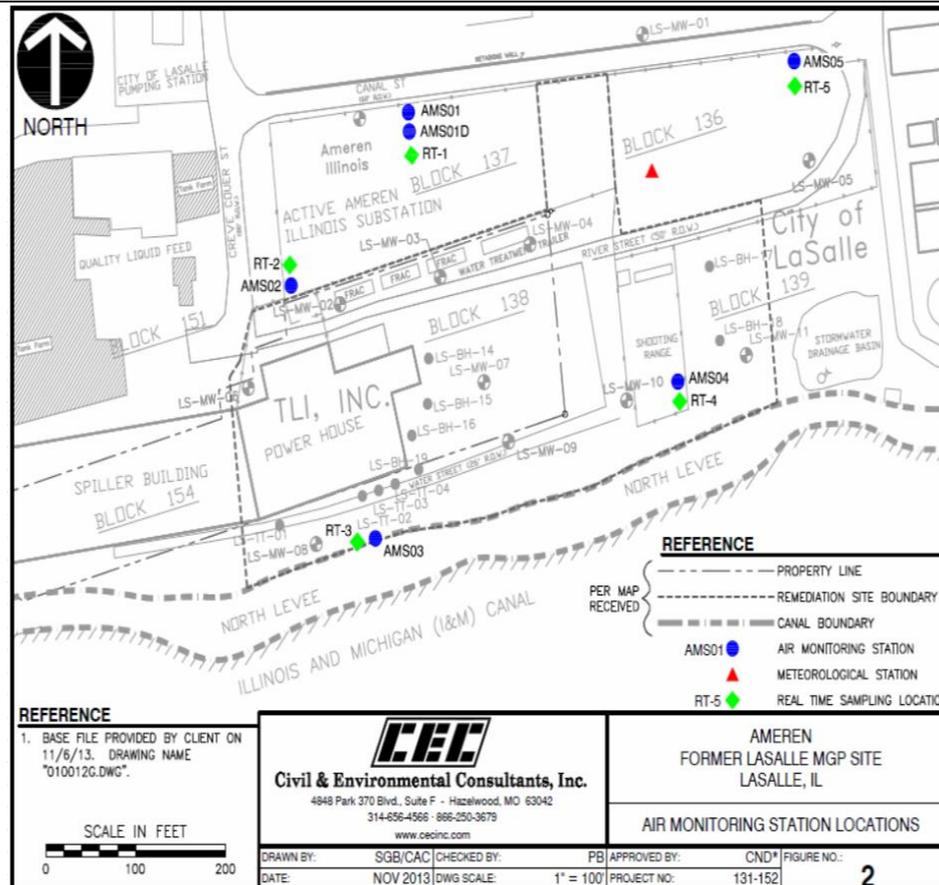
Activities to be Performed

- Continue 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
Ameren LaSalle Former MGP - Soil Removal Action**

Period: June 15 through 21, 2015 (Week 92) PSC Project Number 624-1202-0012
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**Project Milestones Summary Report
Ameren LaSalle Former MGP - Soil Removal Action**

Period: June 15 through 21, 2015 (Week 92)
 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:

Prior Total:	This Period:	Total To Date:
16.48	2.60	19.08
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)	16,662.50	0.00	16,662.50	0	0
MGP Impacted Soil (Non-Source)- Republic (tons)	59,743.03	0.00	59,743.03	120,000*	0
MGP Impacted Soil (Source)- PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	76,405.53	0.00	76,405.53	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)	64,094.01	0.00	64,094.01	0	0
CS-02, 2- to 3-Inch Clean Stone (tons)	7,408.12	0.00	7,408.12	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>	86,735.73	0.00	86,735.73	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)	23.28	0.00	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	94,130.59	0.00	94,130.59	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)	1,741,100	11,000	1,752,100	0	0
Discharged to PDC (gallons)	1,741,100	0	1,741,100	0	0

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

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

Actually Received	0	0	0	0	0	
Requested	0	0	0	0	0	



Excavator building up soil berm between former police shooting range and storm water basin on the east side of Phases 14 and 15.



Looking southwest toward the former police shooting range in Phase 14 and 15, excavation covered with clean material to avoid impacting flood waters.





Looking west at equipment parked on high ground by offices.



Standing on the berm looking west toward canal, water at 28.39 feet. Water level measured approximately 2,000 feet west of site at ADM docks (NOAA National Weather Gauge).





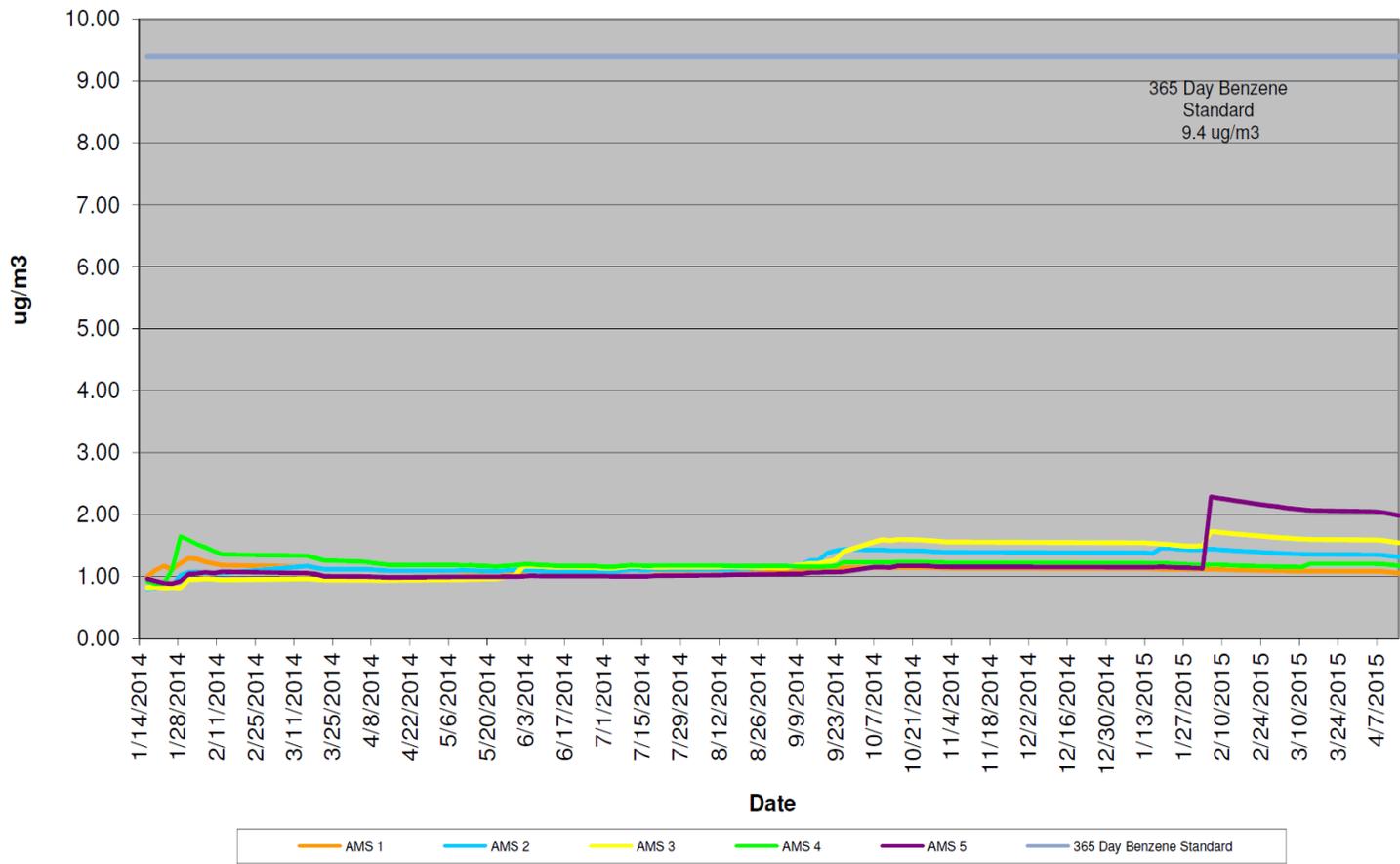
Water backing up onto River Street from the storm water basin.



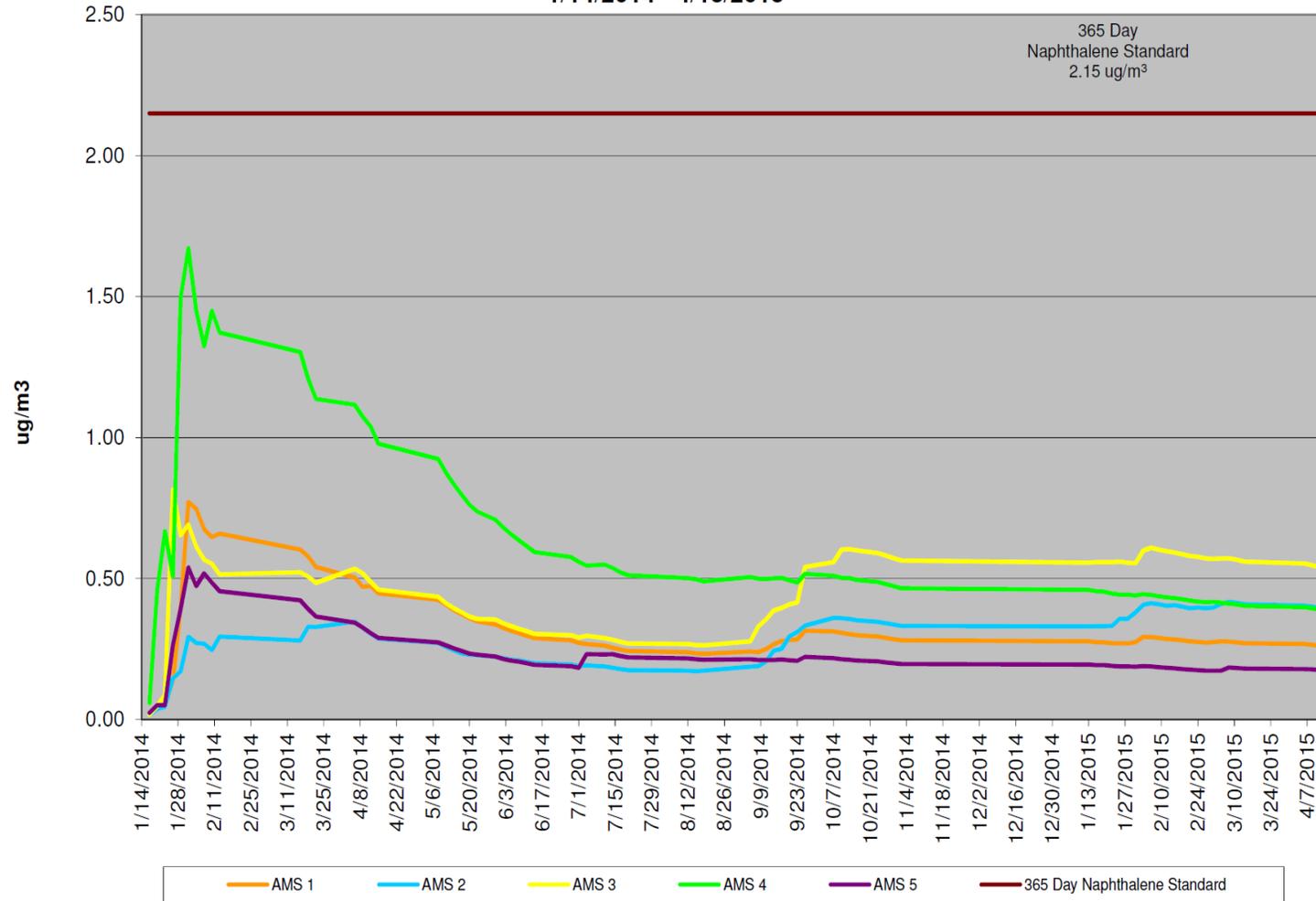
Looking south across canal at water level. It is at 28.36 feet and dropping.



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

