



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

Period: May 4 through 10, 2015 (Week 86)
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) 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 80,303.23 tons of rock (lime screenings, one-inch minus, and two- to three-inch clean rock) (4,912.34 tons this week) have been brought in for backfill and to address the haul roads and parking areas. Approximately 1,000 gallons of water removed from the excavation are currently containerized, while approximately 1,595,100 gallons (60,000 this week) have been hauled offsite for disposal.

Monday - May 4th:

Continued to backfill on the west side of Lift #14 at 8 feet bgs using drier lime screenings to compensate for wet site conditions and rain. Five Pohar trucks brought in material. Bodine hauled impacted water to PDC in Clinton, Illinois. Laborers pumped approximately 8,000 gallons of water into the frac tanks. PSC took eight compaction tests in Lift #14 at 8 feet bgs. All passed except for a few on the south side, where the backfill material was very dry. Area was compacted and the rain increased the moisture content.

Tuesday - May 5th:

Rain continued. Backfilled the east side of Lift #14 at 8 feet bgs. Five Pohar trucks are bringing in limestone screenings for backfill from Utica Quarry. Bodine hauled impacted water to PDC in Clinton, Illinois. PSC had 4 loads of CA7 delivered to address access roads to cut down on dust tracked into street. Crew pumped approximately 20,000 gallons of water into the frac tanks. Jeff Bumgarner (LaSalle City Supervisor) was on-site to look at storm water basin, which was backing up into the gun range.

Wednesday - May 6th:

Continued to backfill the east side of Lift #14 at 8 feet bgs with limestone screenings hauled by five Pohar trucks. Bodine hauled impacted water to PDC in Clinton, Illinois. PSC took several compaction tests, and all but one passed. That area was compacted again. Lift #14 was completed, and crew began backfilling Lift #15 at 7 feet bgs. QLF set up a pump to start pumping water from the storm water basin to the wastewater treatment plant (WWTP), but plant could not handle more water.

Thursday - May 7th:

Continued to backfill the south side of Lift #15 at 7 feet bgs with limestone screenings hauled from Utica Quarry by five Pohar trucks. Bodine hauled impacted water to PDC in Clinton, Illinois. PSC took two compaction tests with the EDG on the south half of Lift #15. One test passed, the other failed at 94.8%. The area was rolled again with vibration. QLF started to pump water from the storm water basin into the WWTP.

Friday - May 8th:

Continued backfilling the north side of Lift #15 at 7 feet bgs. Five Pohar trucks hauled the limestone screenings backfill. Water was pumped into Frac Tank #2. Bodine hauled impacted water to PDC, which emptied both frac tanks. PSC took six compaction tests on the middle south section of Lift #15. All passed but one, which was very dry.

Saturday - May 9th:

No site work performed.

Health & Safety Activities:

Weather Conditions: This week was warmer but wet, with rain Monday, Tuesday, and Friday. The highs for the week ranged from 75-83, with temperatures peaking Friday. Lows were between 53 and 63.

H&S Issues/ Other: Topics covered this week included "Check Before You Move," "Near Miss," "High Voltage," "What Can You Do to Prevent Accidents?," and "It's the Sudden Stop that HURTS!"

Out of Scope Items:

None.



**Air Monitoring Activity Summary Report
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Period: May 4 through 10, 2015 (Week 86)
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**LaSalle MGP Air Monitoring Progress Report
Week Ending May 9, 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 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

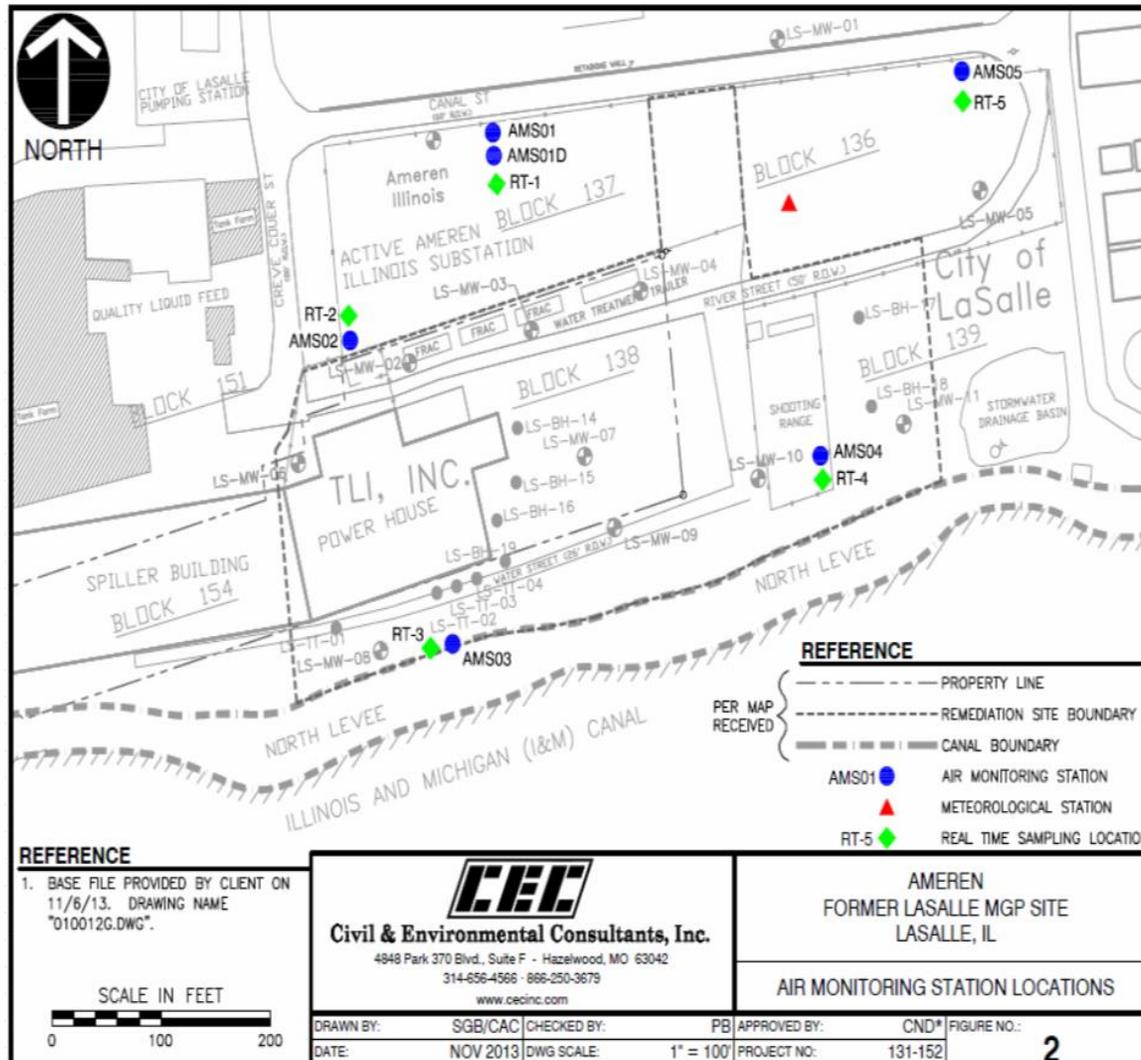
- Real-time monitoring continuing during backfill activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities 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
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Project Milestones

Actual Quantities

Weather:

Prior Total: This Period: Total To Date:

	Prior Total:	This Period:	Total To Date:	
Rainfall (inches)	5.40	2.53	7.93	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)	46,299.08	4,811.69	51,110.77	0	0
CS-02, 2- to 3-Inch Clean Stone (tons)	6,611.69	19.49	6,631.18	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>	68,144.37	4,831.18	72,975.55	0	0
CA-7, 1-Inch Clean Stone (tons)	1,064.55	81.16	1,145.71	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	75,390.89	4,912.34	80,303.23	0	0

Treated Wastewater:

Accumulated in onsite storage (gallons)	1,545,100	51,000	1,596,100	0	0
Discharged to PDC (gallons)	1,535,100	60,000	1,595,100	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	



Compactor rolling area that failed compaction test (where material was too dry).



Storm water basin was overflowing its banks.



Photo from the southeast corner looking west at backfilling operations on Lift #15 at 7 feet bgs.



Looking southwest at backfilling operation on Lift #15 at 7 feet bgs.

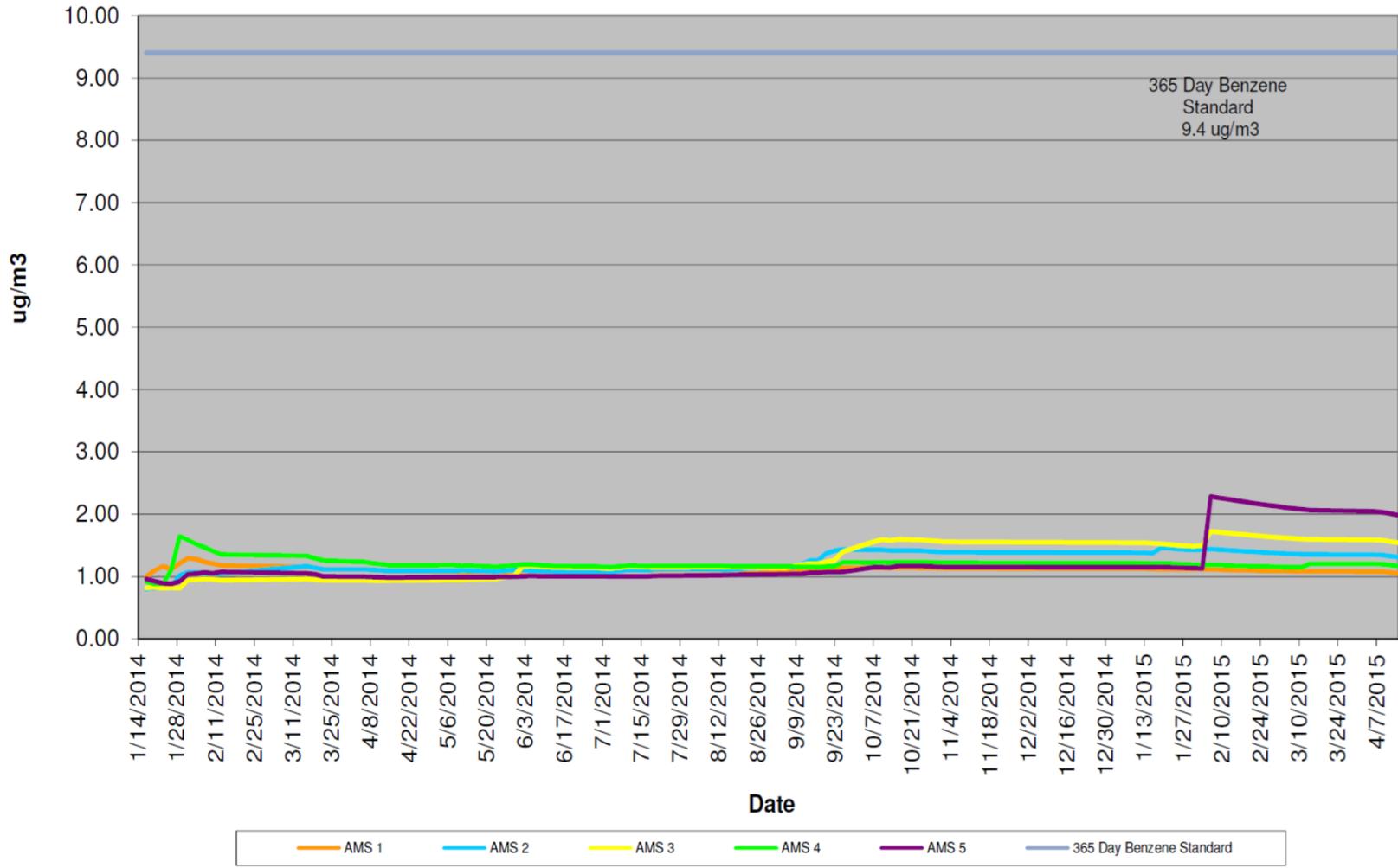


Looking south, compactor rolling in material spread on Lift #15 at 7 feet bgs for compaction testing.

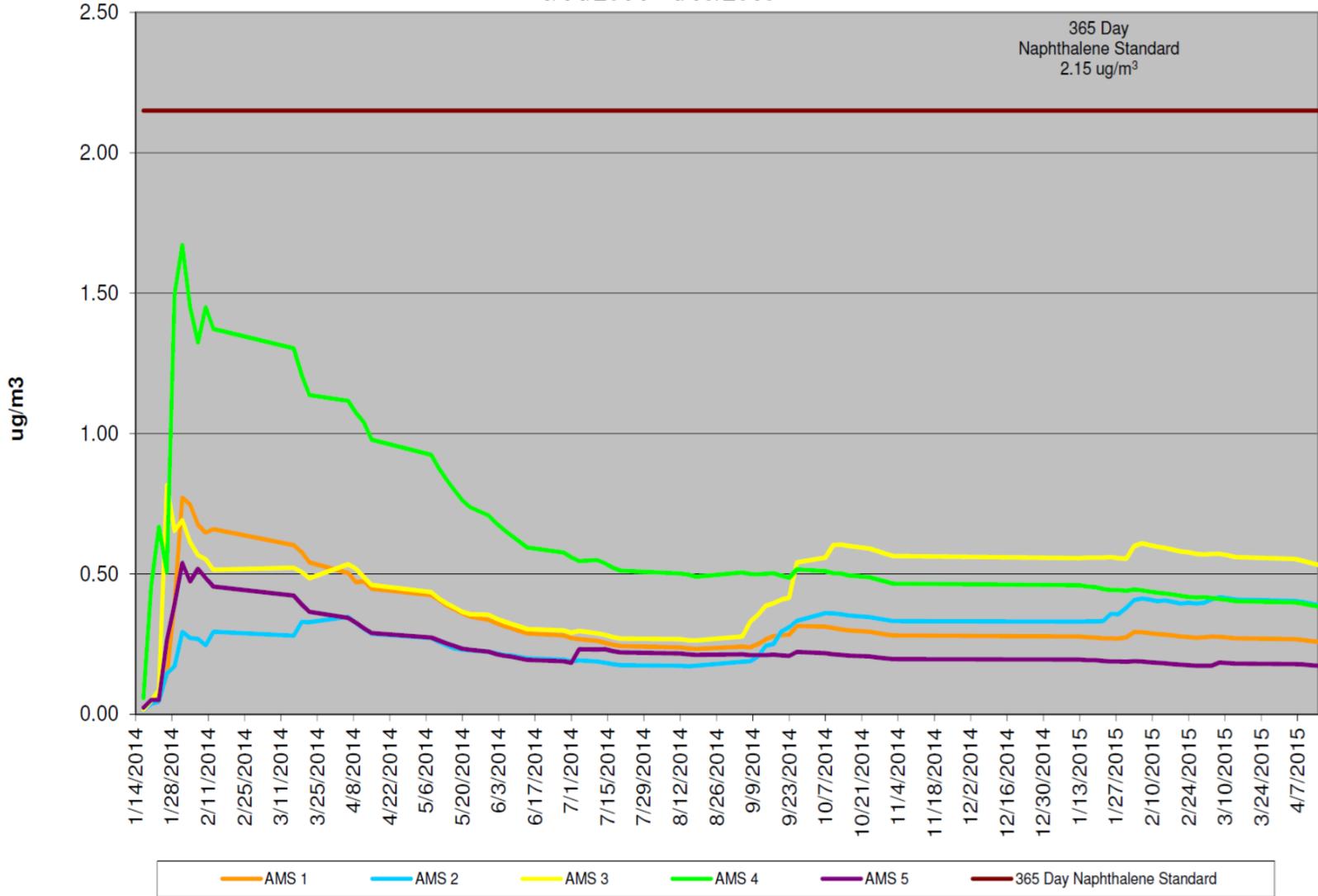


Looking west, Canal water level is on the rise after this week's rains.

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

