



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

Period: April 27 through May 3, 2015 (Week 85)
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) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 6,181.97 tons of clay (0 tons this week) and 68,144.37 tons of rock (lime screenings, one-inch minus, and two- to three-inch clean rock) (5,020.34 tons this week) have been hauled onsite to use as backfill material. In addition, 1064.55 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 10,000 gallons of water removed from the excavation are currently containerized, while approximately 1,535,100 gallons (40,000 this week) have been hauled offsite for disposal.

Monday - April 27th:

Site was wet from weekend rain. Wet areas were dried prior to placement of new backfill material. Backfill continued in the west half of Lift #12 at 10 feet bgs with five trucks importing lime screenings from Utica Quarry. Pumped approximately 13,000 gallons of water into Frac Tank #1, filling the tank.

Tuesday - April 28th:

Continued backfilling the east half of Lift #12 at 10 feet bgs with five Pohar trucks hauling in material. Sump was full of water, but both frac tanks were full, so nothing could be pumped. PSC took 16 compaction tests on Lift #12 at 10 feet bgs. All tests passed 95% compaction. Lift #13 at 9 feet bgs was started in the southwest corner. QLF aerated the storm water basin.

Wednesday - April 29th:

Began backfilling the west half of Lift #13 at 9 feet bgs with five Pohar trucks hauling in material. A Bodine tanker hauled two loads of water from Frac Tank #2 to PDC in Clinton for proper disposal. Lime screenings were a different color, texture, and moisture than past loads; notified the quarry and the problem was addressed. Approximately 10,000 gallons of water was pumped into the frac tanks, filling them up again. QLF aerated the storm water basin.

Thursday - April 30th:

Continued to backfill the middle portion of Lift #13 at 9 feet bgs. Limestone screenings were hauled from Utica Quarry by five Pohar trucks. Bodine hauled four loads of impacted water to PDC in Clinton for proper disposal. PSC took eight compaction tests on the west and south sides of Lift #13 at 9 feet bgs. All eight tests passed 95% compaction. Approximately 8,000 gallons of water was pumped into Frac Tank #1. Held monthly safety lunch.

Friday - May 1st:

Continued to backfill the east side of Lift #13 at 9 feet bgs. Five Pohar trucks were running. Bodine hauled water to PDC in Clinton, and laborers pumped water into Frac Tank #1. Lift #13 was compacted and PSC took 4 compaction tests with the EDG on the east side of Lift #13 at 9 feet bgs. All tests passed 95% compaction. Began placing lime screenings on Lift #14 at 8 feet bgs. Crew watered the roadways with potable water to keep dust down.

Saturday - May 2nd:

No site work performed.

Health & Safety Activities:

Weather Conditions: This week was cool and mostly sunny, with the ground drying from weekend rains. The highs for the week ranged from 61-72. Lows were between 34 and 39.

H&S Issues/ Other: Topics covered this week included "Seven Common Accident Causes," "Medications and Drowsiness," "Attitude and Behavior," "Using Portable Fire Extinguishers," and "Defensive Driving."

Out of Scope Items:

None.



**Air Monitoring Activity Summary Report
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Period: April 27 through May 3, 2015 (Week 85)
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PSC Project Number 624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending May 2, 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

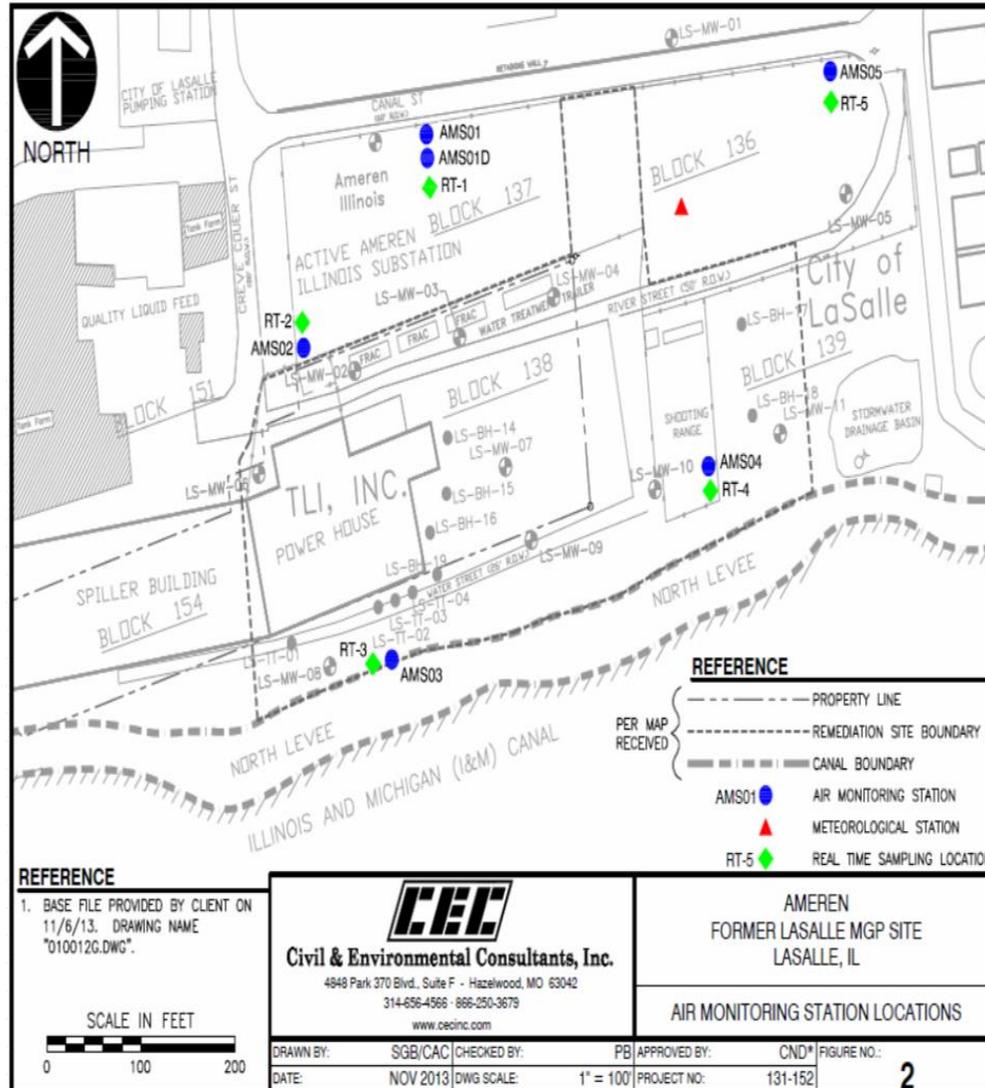
- Real-time monitoring continuing during backfill activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities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



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

Actual Quantities

Weather:

Prior Total: This Period: Total To Date:

Rainfall (inches)	3.90	1.50	5.40	2014 total 41.82" rain snowfall for winter 2013-2014 was 60.15"
Snowfall (inches) winter 2014-2015	36.27	0.00	36.27	

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

Add. 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)	41,278.74	5,020.34	46,299.08	0	0
CS-02, 2- to 3-Inch Clean Stone (tons)	6,611.69	0.00	6,611.69	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>	<i>63,124.03</i>	<i>5,020.34</i>	<i>68,144.37</i>	<i>0</i>	<i>0</i>
CA-7, 1-Inch Clean Stone (tons)	1,064.55	0.00	1,064.55	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	70,370.55	5,020.34	75,390.89	0	0

Treated Wastewater:

Accumulated in onsite storage (gallons)	1,512,100	33,000	1,545,100	0	0
Discharged to PDC (gallons)	1,495,100	40,000	1,535,100	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	



Looking southwest, Pohar dumping lime screenings from Utica Quarry for backfill material on Lift #12 at 10 feet bgs in Phase 8.



PSC taking compaction test with the EDG on the north half of Lift #12 in Phase 7 and 8. All tests passed 95% compaction.



Bodine truck on site, filling up with MGP-impacted water and hauling it to PDC in Clinton, IL for disposal.



Northwest corner looking south at sump and backfill operations in Phase 8.

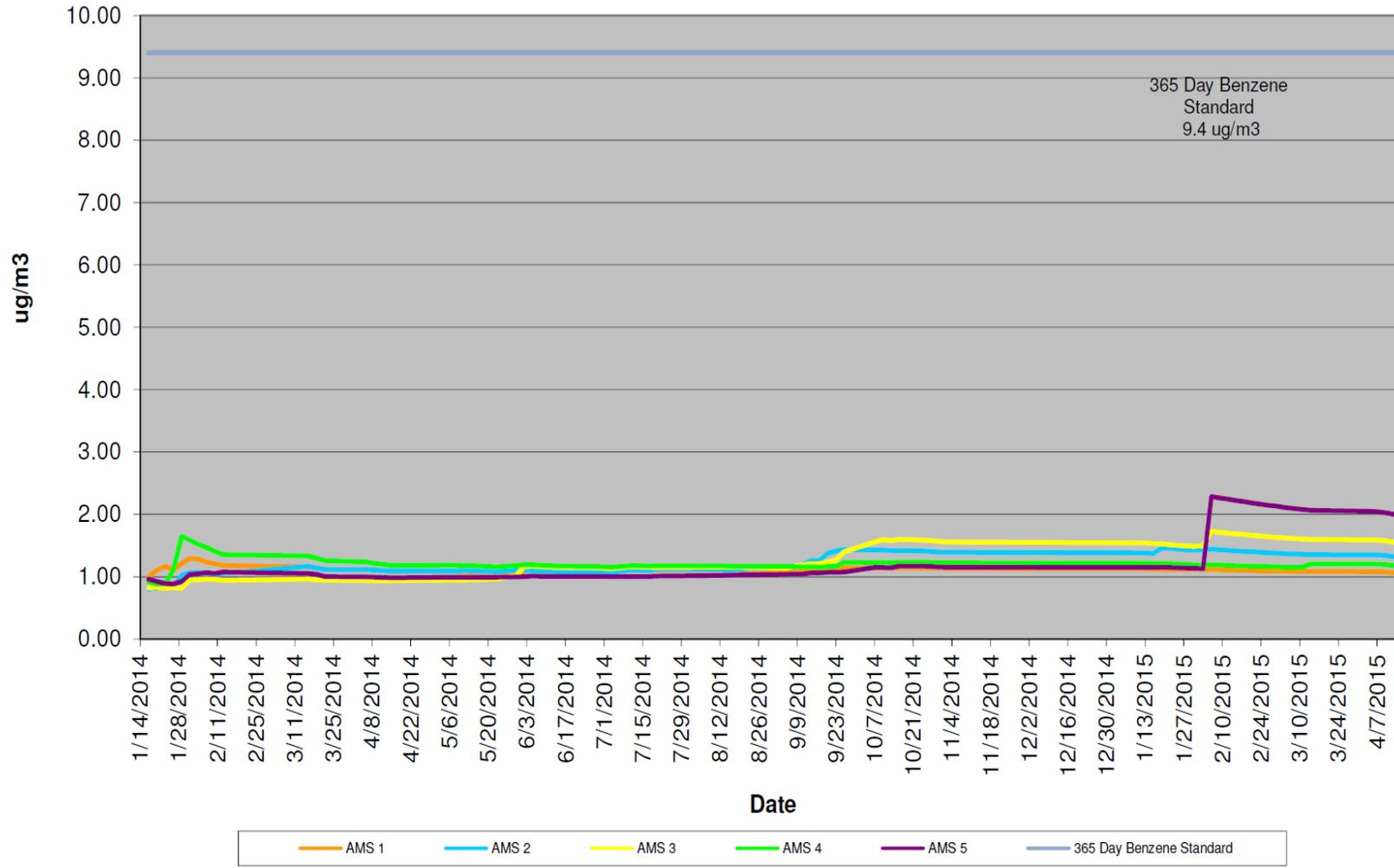


Crew watering road areas with potable water for dust control.

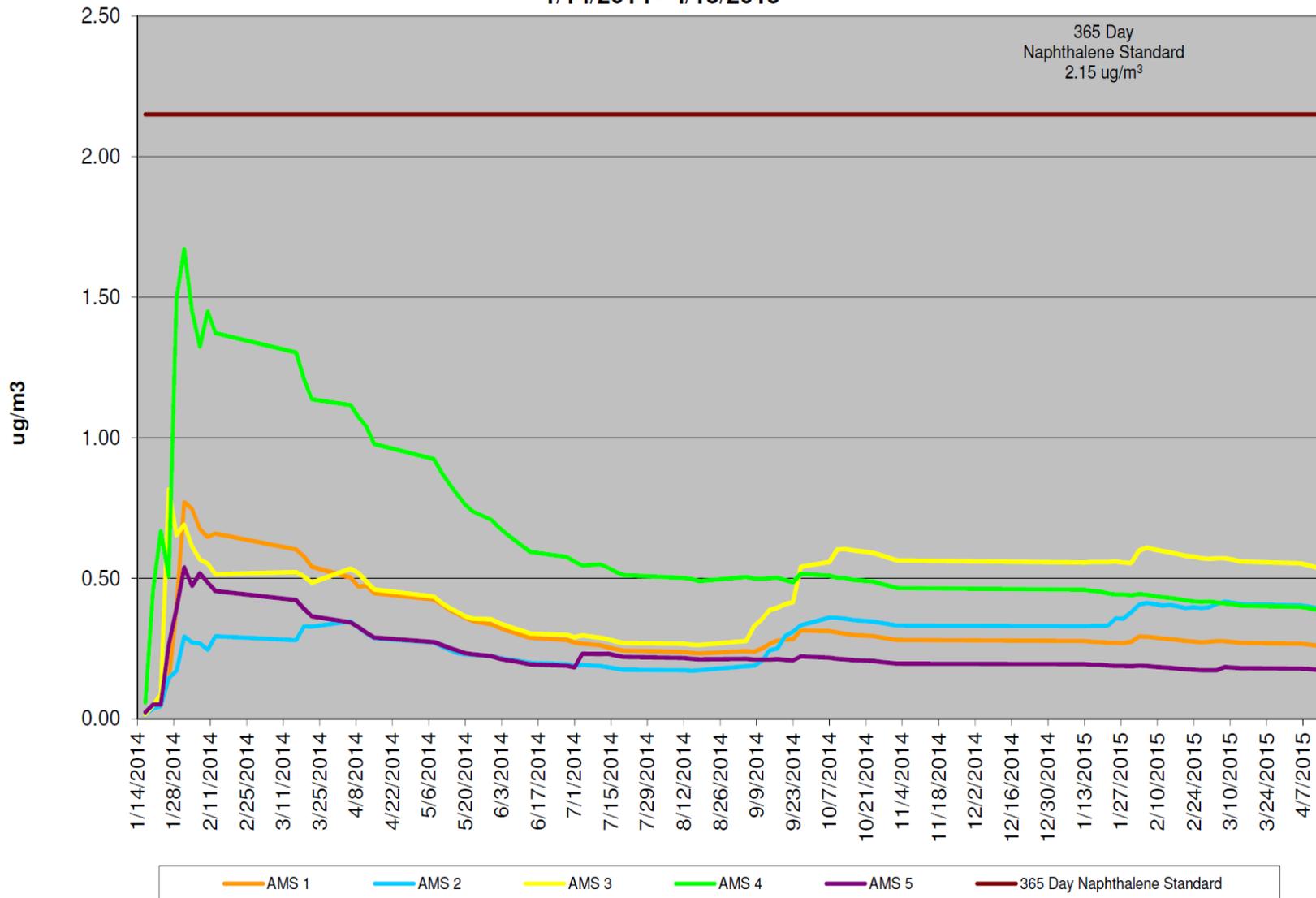


Looking southwest at compactor rolling material on Lift #14 at 8 feet bgs in Phase 8 to seal in moisture for the weekend.

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

