



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

Period: March 16 through 22, 2015 (Week 79)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC completed excavation in the Phase 7 and Phase 8 areas and began backfill. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 16,296.84 tons of Construction Debris (48.68 tons this week) and 54,389.56 tons of Non-Source Material (563.12 tons this week) were removed and hauled to Republic Services-Ottowa, Illinois Landfill. A total of 6,181.97 tons of clay (0 tons this week) and 47,054.85 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; (3,151.30 tons this week) have been hauled onsite to use as backfill material. In addition, 976.49 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 0 gallons of water removed from the excavation are currently containerized, while approximately 1,495,100 gallons (75,000 this week) have been hauled offsite for disposal.

Monday - March 9th:

The excavators loaded out stockpiled demolition debris and impacted soil into three, steel-bed trucks for disposal at the Republic Landfill. Bodine hauled 4 loads (20,000 gallons) of water from frac tanks offsite to PDC for disposal. The laborers pumped 38,000 gallons from the sump into onsite frac tanks. The Pugsley crew is working on cutting and chipping trees from the berm and canal shore.

Tuesday - March 10th:

The excavators completed loading out stockpiled demolition debris and impacted soil into one, steel-bed truck for disposal at the Republic Landfill. Bodine hauled 4 loads (20,000 gallons) of water from frac tanks offsite to PDC for disposal. The laborers pumped 20,000 gallons from the sump into onsite frac tanks. Pohar (the quarry) began hauling in 1"x3" crushed limestone aggregate to build a base in the soft clay and water in the bottom of the excavation. The Pugsley crew is working on cutting and chipping trees from the berm and canal shore.

Wednesday - March 11th

Backfill of the deep portion of the excavation continued with placement of 1"x3" crushed limestone aggregate, and the building of a ramp into the excavation for backfill trucks. Bodine hauled 4 loads (20,000 gallons) of water from frac tanks offsite to PDC for disposal. The laborers pumped 20,000 gallons from the sump into onsite frac tanks. Pohar (the quarry) continued hauling in 1"x3" crushed limestone aggregate with four trucks. The Pugsley crew is working on cutting and chipping trees from the berm and canal shore.

Thursday - March 12th:

Backfill of the deep portion of the excavation with 1"x3" crushed limestone aggregate was completed, and backfill with limestone screenings began. Bodine hauled 1 loads (5,000 gallons) of water from frac tanks offsite to PDC for disposal. Pohar (the quarry) continued hauling in 1"x3" crushed limestone aggregate with four trucks. The Pugsley crew completed cutting and chipping trees from the berm and canal shore.

Friday - March 13th:

Backfill of the deep portion of the excavation with 1"x3" crushed limestone aggregate was completed, and backfill with limestone screenings began. Bodine hauled 1 loads (5,000 gallons) of water from frac tanks offsite to PDC for disposal. Pohar (the quarry) completed hauling in 1"x3" crushed limestone aggregate and transitioned to hauling in limestone screenings with four trucks. The Pugsley crew completed cutting and chipping trees from the berm and canal shore.

Saturday - March 7th:

No site work performed.

Health & Safety Activities:

Weather Conditions:	Monday was sunny, warmer and breezy, with a high of 78. Tuesday through Thursday the weather was cooler with highs around 50. Friday was sunny with a high of 56.
H&S Issues/Other:	Discussed the following topics: Heat Illness Prevention, Allergies, Antihistamines, and Drowsiness, Identifying Hazards, Hammers, and Off-the-Job Safety. No recordable accidents or incidents occurred.

Out of Scope Items:

None



Remediation Footprint and Excavation Progress Map Ameren LaSalle Former MGP - Soil Removal Action

Period: February 23 through March 1, 2015 (Week 76)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012





Period: March 16 through 22, 2015 (Week 79)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending March 21, 2015**

Developments During Reporting Period

Activities Performed

- Time-integrated air samples were collected from March 14th to March 17th. Samples collected on March 17th were picked up by STAT on March 17th. Time-integrated air monitoring has been suspended during backfilling operations. Time-integrated air monitoring will continue 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 March 5th were reported via email on March 17th. 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

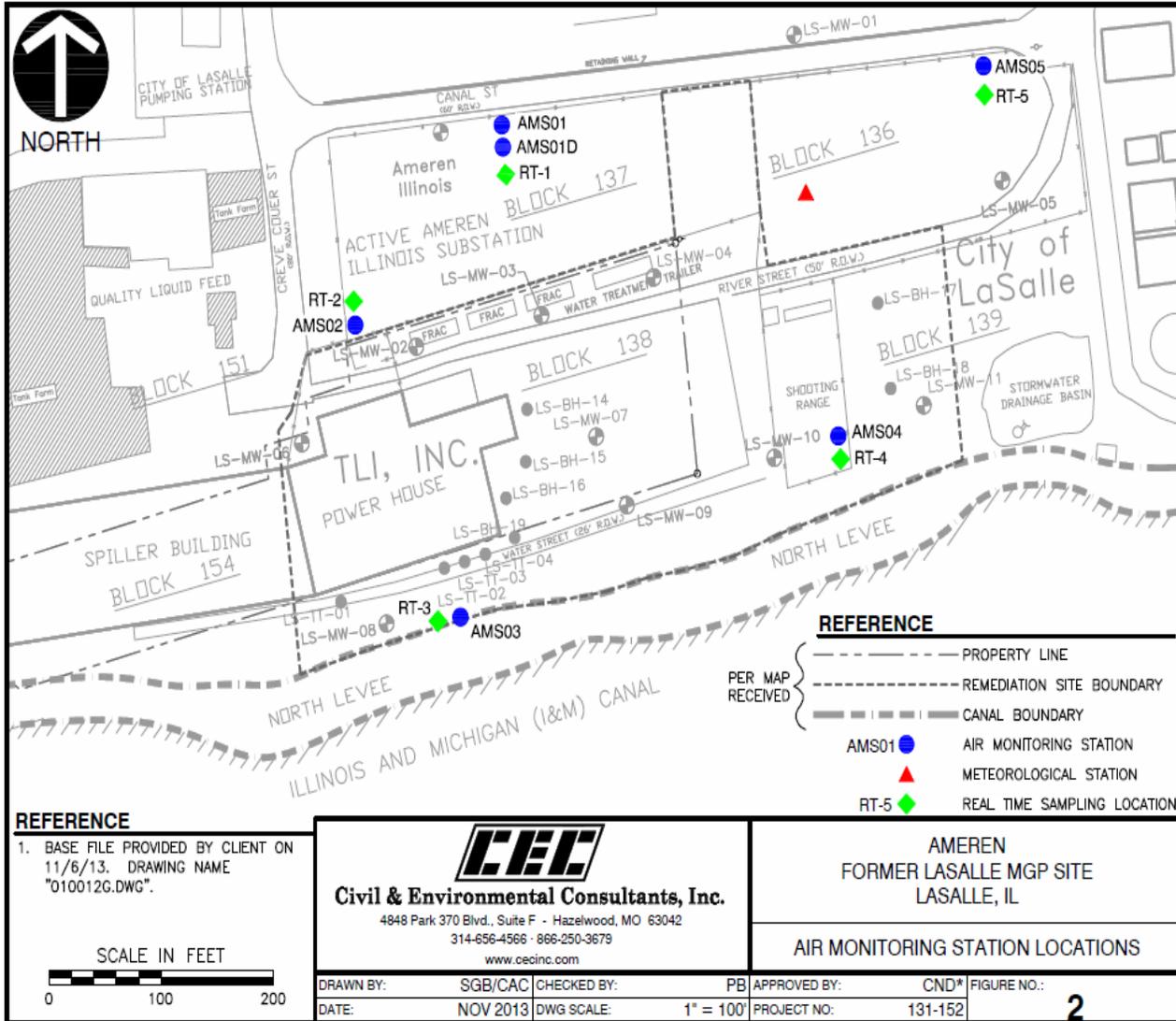
Activities to be Performed

- Real-time monitoring continuing during remedial activities.
- Conduct time-integrated sampling during intrusive 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: February 23 through March 1, 2015 (Week 76)
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**Project Milestones Summary Report
Ameren LaSalle Former MGP - Soil Removal Action**

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Completed By: Jeff Adams

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:
1.32	0.00	1.32
34.27	0.00	34.27

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)	16,248.16	48.68	16,296.84	0	0
MGP Impacted Soil (Non Source)-Republic (tons)	53,826.44	563.12	54,389.56	120,000*	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	70,074.60	611.80	70,686.40	0	0

Addt. Solid Waste Material:

Clean Brick-Canon Pit (loads)

Asbestos Containing Material (ACM)-Republic (tons)

Scrap Material (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 Material (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)

1 1/2-Inch Rock (tons)

4 to 8-Inch Rip Rap (tons)

4-Inch Crushed Concrete (tons)

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)

Clean soil backfill (tons)

Top Soil (cubic yard)

TOTAL

	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)	24,903.54	576.07	25,479.61		
CS-02, 2 to 3-Inch Clean Stone (tons)	3,766.41	2,575.23	6,341.64	0	0
2-Inch Clean Stone (tons)	0.00	0.00	0.00	0	0
1 1/2-Inch Rock (tons)	0.00	0.00	0.00	0	0
4 to 8-Inch Rip Rap (tons)	0.00	0.00	0.00	0	0
4-Inch Crushed Concrete (tons)	0.00	0.00	0.00	0	0
<u>Stone Backfill Subtotal</u>	43,903.55	3,151.30	47,054.85	0	0
CA-7, 1-Inch Clean Stone (tons)	976.49	0.00	976.49	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	51,062.01	3,151.30	54,213.31	0	0

Treated Wastewater:

Discharged to PDC (gallons)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
Discharged to PDC (gallons)	1,420,100	75,000	1,495,100	0	0

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

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

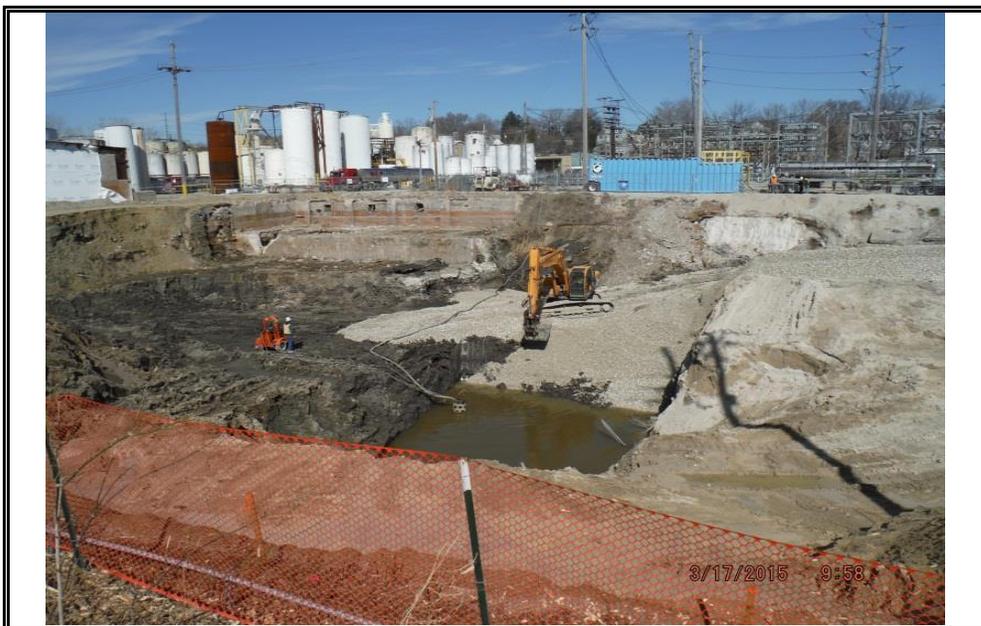
Actually Received

Requested

	Monday	Tuesday	Wednesday	Thursday	Friday	Issues
Actually Received	3	1	0	0	0	
Requested	3	1	0	0	0	



Looking south in Phase 6 and 7 at PSC's excavators loading and stockpiling impacted material.



Looking north at excavator in Phase 7 placing 1" x 3" stone to bridge over water in the deepest portions of the excavation.



Looking southwest at excavators spreading stone and constructing french drain on west side excavation to control water infiltration during backfill.



Looking southwest at Pugsley's wood chipper working on canal berm.



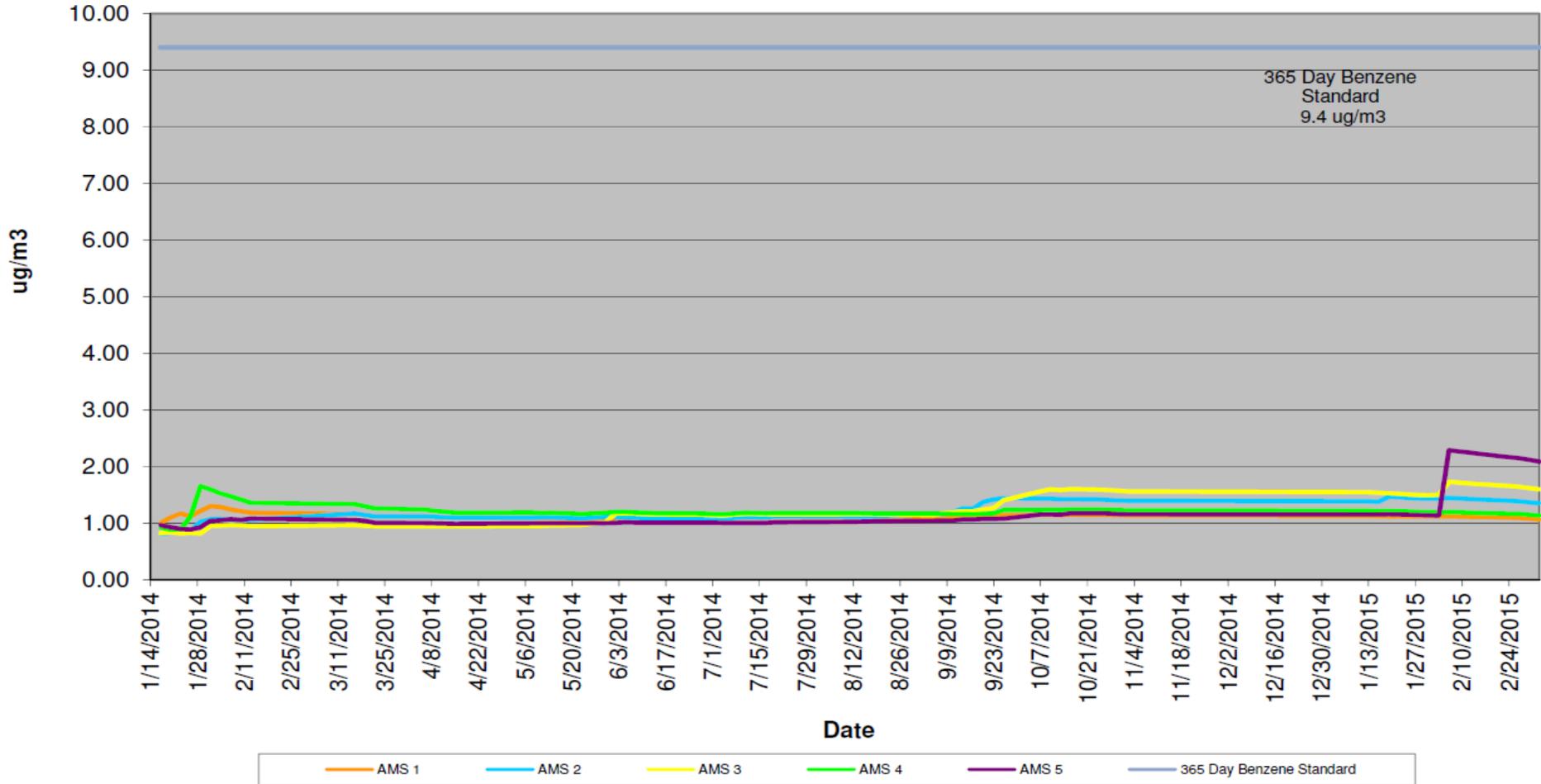
Southeast side looking northwest at backfill operations in Phases 7 and 8.



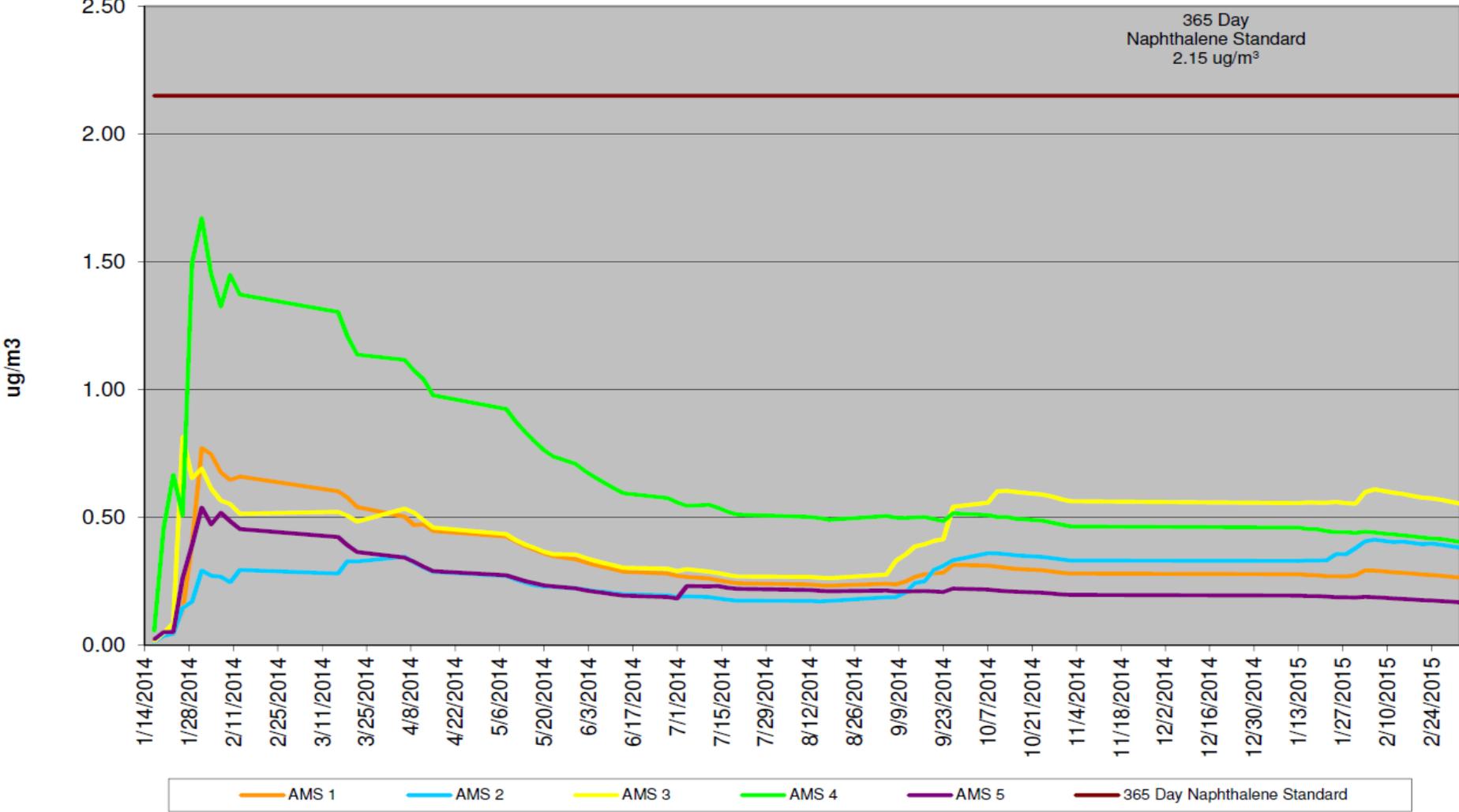
Looking south at roller compacting 1st lift lime screenings in Phase 7; Midwest will perform compaction tests on Monday morning 3/23/15.



Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 3/5/2015



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 3/5/2015



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 3/5/2015

