



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

Period: May 12 - May 18, 2014 (Week 35)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

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**General Remediation Activities Completed:**

PSC continued active onsite remediation including breaking concrete and removing demolition debris from the Phase 6 area. The sketch on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 2,685.75 tons of Construction Debris (774.50 tons this week) and 19,438.86 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 290 tons of clay (0 tons this week) and 22,465.37 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 0 tons this week) have been hauled onsite to use as backfill material. In addition, 427.98 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 60,000 gallons of water (0 gallons this week) have been removed from the excavation and containerized.

**Monday - May 12th:**

Excavators continue working in Phase 6 area breaking concrete and separating & loading demolition debris.

**Tuesday - May 13th:**

Excavators continue working in Phase 6 area breaking concrete and separating & loading demolition debris. Cistern-like structure containing tar was uncovered just east of the former building; assumed to be a tar well; was re-covered and will wait to excavate it until the basement demolition begins. Stormwater basin in southeast corner of Site is overflowing and threatening to shut down remediation activities; Tom W. of IEPA and Jeff B. of the City are called and informed of the stormwater issue and asked to request action by QLF.

**Wednesday - May 14th:**

Excavators continue working in Phase 6 area breaking concrete and separating & loading demolition debris. Mini excavator with hydraulic breaker is delivered by United Rentals and is used to break concrete slabs along canal berm. Tom W. of IEPA on Site to evaluate stormwater situation and collect samples. A representative from the City water department on Site to collect a stormwater sample to see if the water can be treated by the wastewater treatment plant.

**Thursday - May 15th:**

Excavators continue working in Phase 6 area breaking concrete and separating & loading demolition debris. Tom W. called and thinks the ammonia in the stormwater might be coming from a drop inlet on the west side of the Spiller Building; Site personnel will investigate. Pipe materials with confirmed asbestos-containing insulation is segregated and placed on a plastic-lined concrete pad. Jeff Adams on Site for a visit.

**Friday - May 16th:**

Excavators continue working in Phase 6 area breaking concrete and separating & loading demolition debris. Site is prepared for the weekend.

**Saturday - May 17th:**

No site work performed.

**Health & Safety Activities:**

Weather Conditions: Mostly cloudy with lots of rain and high temperatures from the 50s to the 80s

H&S Issues/Other: Safety glasses, controlling emotions, and taking responsibility. No recordable accidents or incidents occurred.

**Out of Scope Items:**

None





**Air Monitoring Activity Summary Report  
Ameren LaSalle Former MGP - Soil Removal Action**

Period: May 12 - May 18, 2014 (Week 35)

PSC Project Number

624-1202-0012

Completed By: Chris Dawdy

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### Developments During Reporting Period

#### *Activities Performed*

- Time-integrated sampling has continued during excavation activities. Sampling was conducted from May 11<sup>th</sup> through May 14<sup>th</sup>, May 14<sup>th</sup> thru May 17<sup>th</sup> and May 17<sup>th</sup> thru May 20<sup>th</sup>.
- The samples collected on May 14<sup>th</sup> were picked up by STAT on May 15<sup>th</sup>. Samples collected on May 17<sup>th</sup> and on May 20<sup>th</sup> are expected to be picked up on May 21<sup>st</sup>.
- 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 (PM<sub>10</sub>) and volatile organic compounds (VOC).

#### *Sampling Problems Encountered*

- None

#### *Real-time Air Quality Exceedances Detected*

- None

#### *Time-integrated Analytical Data Received*

- All time-integrated sampling results that have been collected have been received and were included in the last update. Analytical results to date for benzene, PM<sub>10</sub> 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*

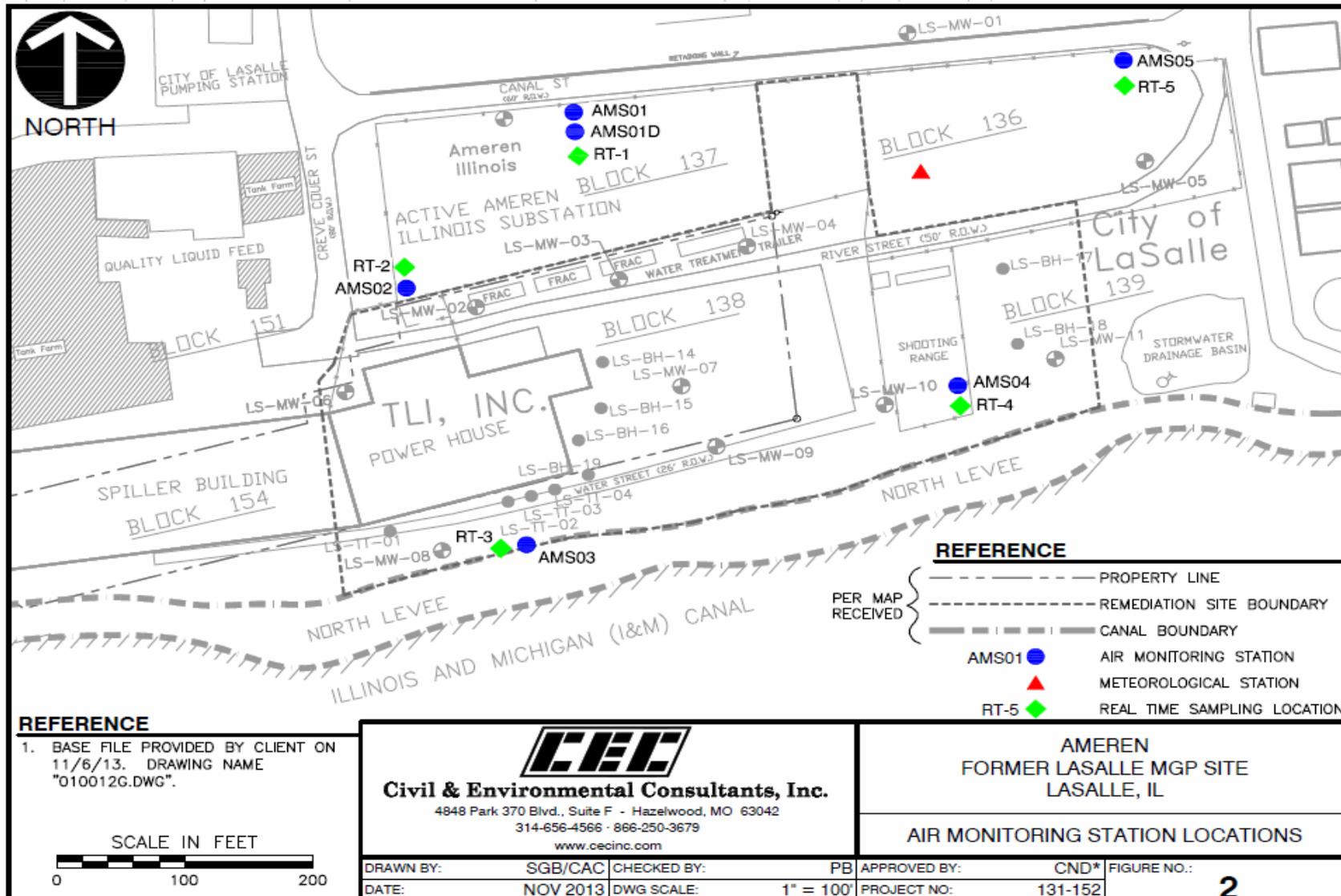
- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.



### Air Monitoring Station Locations Ameren LaSalle Former MGP - Soil Removal Action

Period: May 12 - May 18, 2014 (Week 35)  
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## Project Milestones Summary Report Ameren LaSalle Former MGP - Soil Removal Action

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### Project Milestones

#### Actual Quantities

Weather:

Rainfall (inches)  
 Snowfall (inches)

<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>
14.72	2.70	17.42
60.15	0.00	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

	1,911.25	774.50	2,685.75	0	0
	19,438.86	0.00	19,438.86	120,000*	0
	0.00	0.00	0.00	0	0
	21,350.11	774.50	22,124.61	0	0

Add. Solid Waste Material:

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

111.00	0.00	111.00	0	0
1,240.00	0.00	1,240.00	0	0
8.00	0.00	8.00	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)

15,056.95	0.00	15,056.95	0	0
6,284.06	0.00	6,284.06		
1,124.36	0.00	1,124.36	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)  
 Clean soil backfill (tons)  
 Top Soil (cubic yard)

22,465.37	0.00	22,465.37	0	0
427.98	0.00	427.98	0	0
290.00	0.00	290.00	0	0
0.00	0.00	0.00	0	0
23,183.35	0.00	23,183.35	0	0

Treated Wastewater:

Discharged to PDC (gallons)

0	0	0	0	0
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\* MGP Impacted Soil volume is data presented in the site investigation report.

Trucks Transporting:

Monday      Tuesday      Wednesday      Thursday      Friday

Issues

Actually Received  
 Requested

1	1	1	1	1	
1	1	1	1	1	



Excavator uncovering a cistern-like structure with a concrete top; facing southwest.



Gauging the depth of the cistern-like structure with a stick; facing west.



View of the flooded stormwater basin from River Street; facing southwest.



View of stormwater backing up and out of a drop inlet on the south side of the Site.

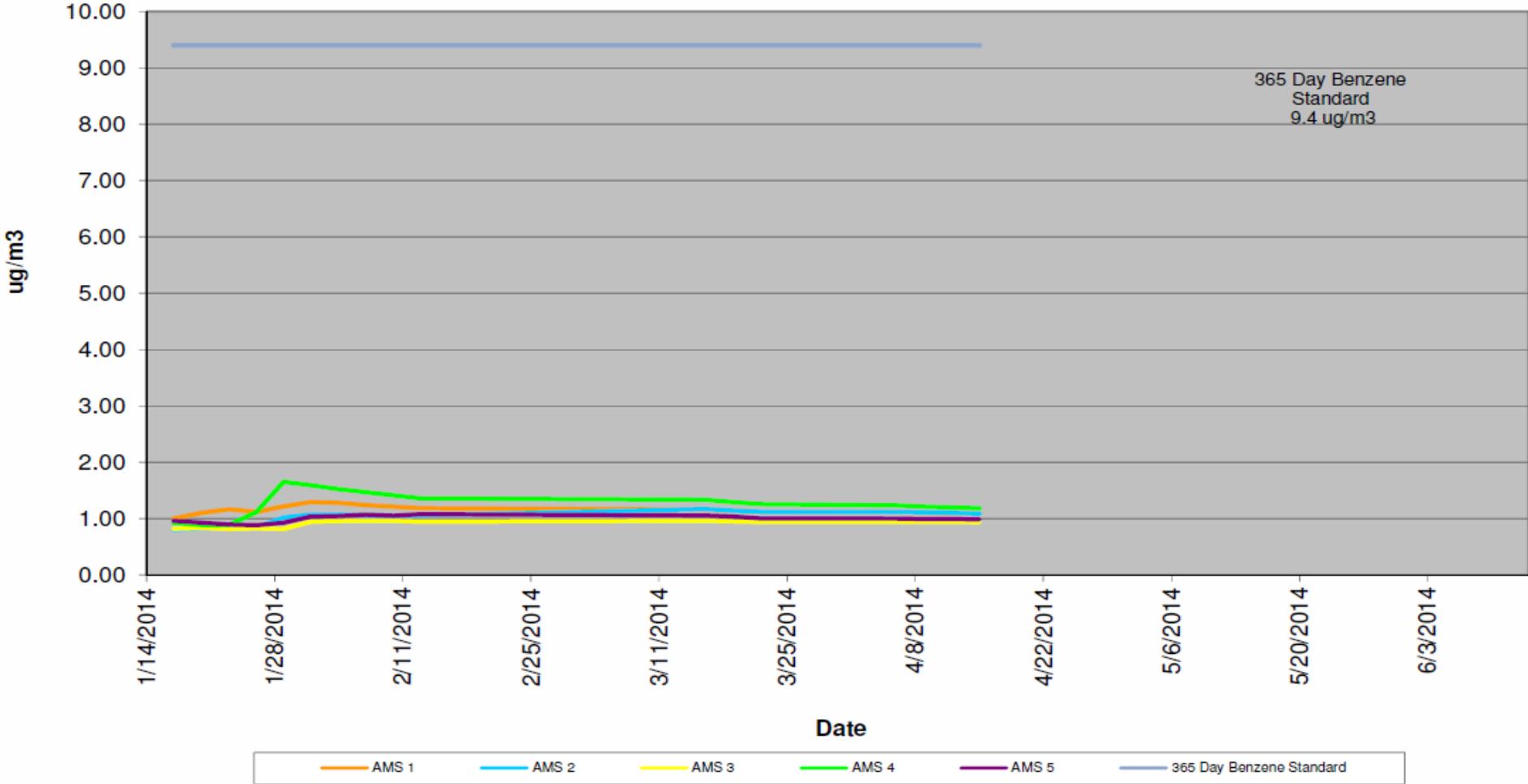


Concrete pads along the canal berm being broken up by the mini excavator and hauled off by the skid steer; facing east.

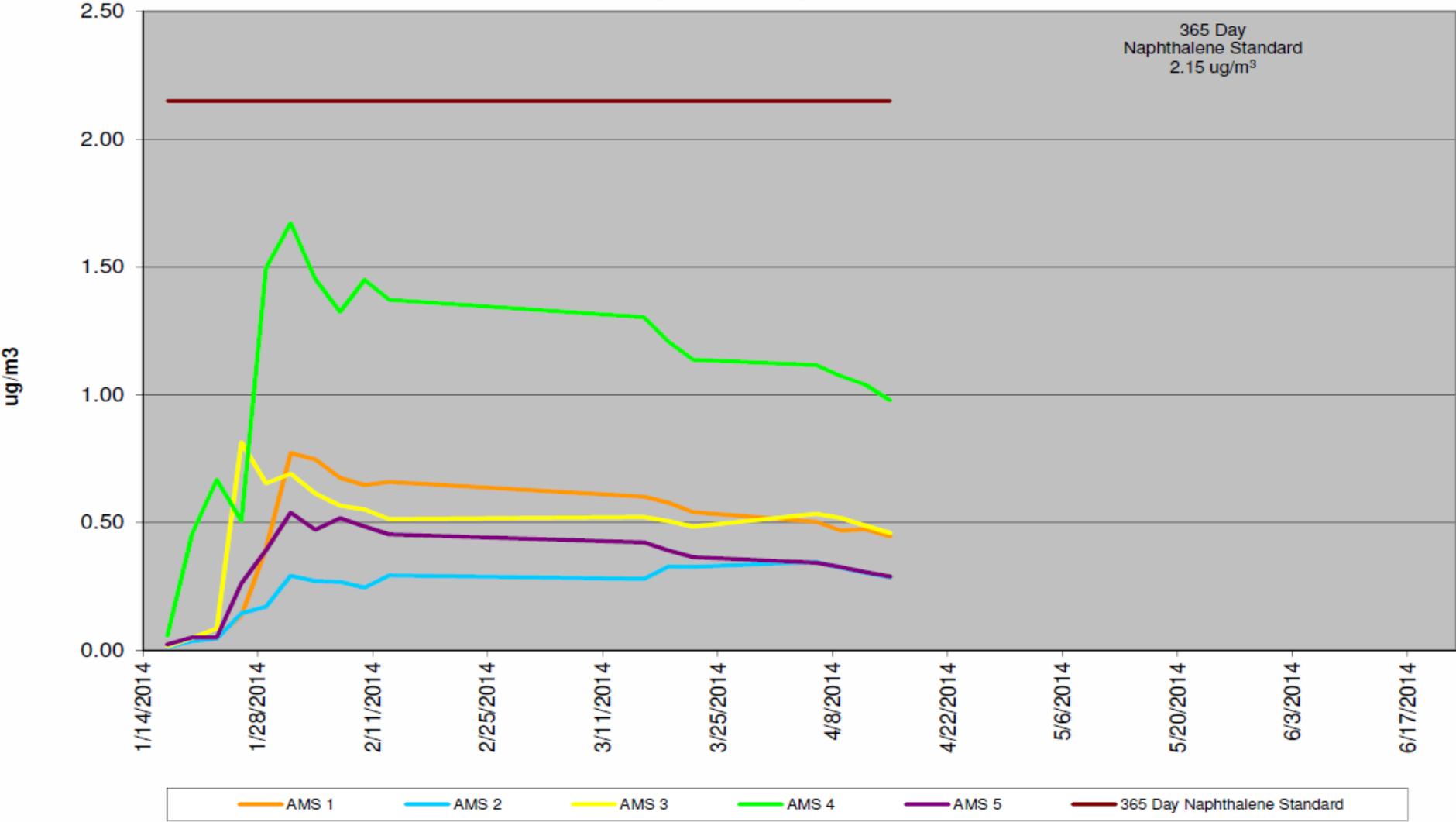


Asbestos-containing pipe segregated and placed on a plastic-lined concrete pad; facing southwest.

**Preliminary Benzene Running Averages  
LaSalle MGP Site  
1/14/2014 - 4/15/2014**



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 4/15/2014



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 4/15/2014

