



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

Period: February 9 through 15, 2015 (Week 74)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

**General Remediation Activities Completed:**

*PSC continued active onsite remediation activities; continued demolition in the basement in Phase #7 and Phase 8. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 14,735.00 tons of Construction Debris (963.36 tons this week) and 49,011.61 tons of Non-Source Material (1,443.93 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 43,903.55 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, 888.79 tons of clean one-inch stone (43.77 tons this week) have been brought in to address the haul roads and parking areas. Approximately 7,300 gallons of water removed from the excavation are currently containerized, while approximately 1,199,600 gallons (41,700 this week) have been hauled offsite for disposal.*

**Monday - February 9th:**

Continue demolition of basement in Phase #s 7 and 8. Laborers pumped water (24,000 gallons) from the sump into one of the onsite frac tanks. Two trucks hauled demolition debris from stockpile to Republic Landfill for disposal. Bodine hauled two loads (10,000 gallons) of water offsite for disposal at PDC Clinton Landfill. PSC crew is continuing to sample sediments in the ice-covered canal with portable geoprobe on a sled behind a utility vehicle.

**Tuesday - February 10th;**

Continue demolition of basement in Phase #s 7 and 8. Two trucks hauled demolition debris from stockpile to Republic Landfill for disposal. Bodine hauled three loads (15,000 gallons) of water offsite for disposal at PDC Clinton Landfill. PSC crew is continuing to sample sediments in the ice-covered canal.

**Wednesday - February 11th:**

Continue demolition of basement in Phase #s 7 and 8. One truck hauled demolition debris, and three trucks hauled impacted soils from stockpiles to Republic Landfill for disposal. Laborers pumped water (10,000 gallons) from the sump into one of the onsite frac tanks. Bodine hauled two loads (10,000 gallons) of water offsite for disposal at PDC Clinton Landfill. Two loads of clean stone were delivered for ice and mud control on site roads. PSC crew is continuing to sample sediments in the ice-covered canal.

**Thursday - February 12th:**

Continue demolition of basement in Phase #s 7 and 8. One truck hauled demolition debris, and three trucks hauled impacted soils from stockpiles to Republic Landfill for disposal. No water was pumped or hauled due to the cold temperatures. PSC crew is continuing to sample sediments in the ice-covered canal.

**Friday - February 13th:**

Continue demolition of basement in Phase #s 7 and 8. One truck hauled demolition debris, and three trucks hauled impacted soils from stockpiles to Republic Landfill for disposal. Bodine hauled two loads (6,700 gallons) of water offsite for disposal at PDC Clinton Landfill. PSC crew is continuing to sample sediments in the ice-covered canal.

**Saturday - February 14th:**

No site work performed.

**Health & Safety Activities:**

Weather Conditions: Temperatures in the 20s, partly sunny Monday, warming into the thirties on Tuesday and Wednesday. Colder Thursday with trace snow and highs in the teens. Friday warmed to 25 degrees after a low of 3.

H&S Issues/Other: Discussed "seven tenths of a second", stay alert, PPE Protection, spare your back, construction safety tips. No recordable accidents or incidents occurred.

**Out of Scope Items:**

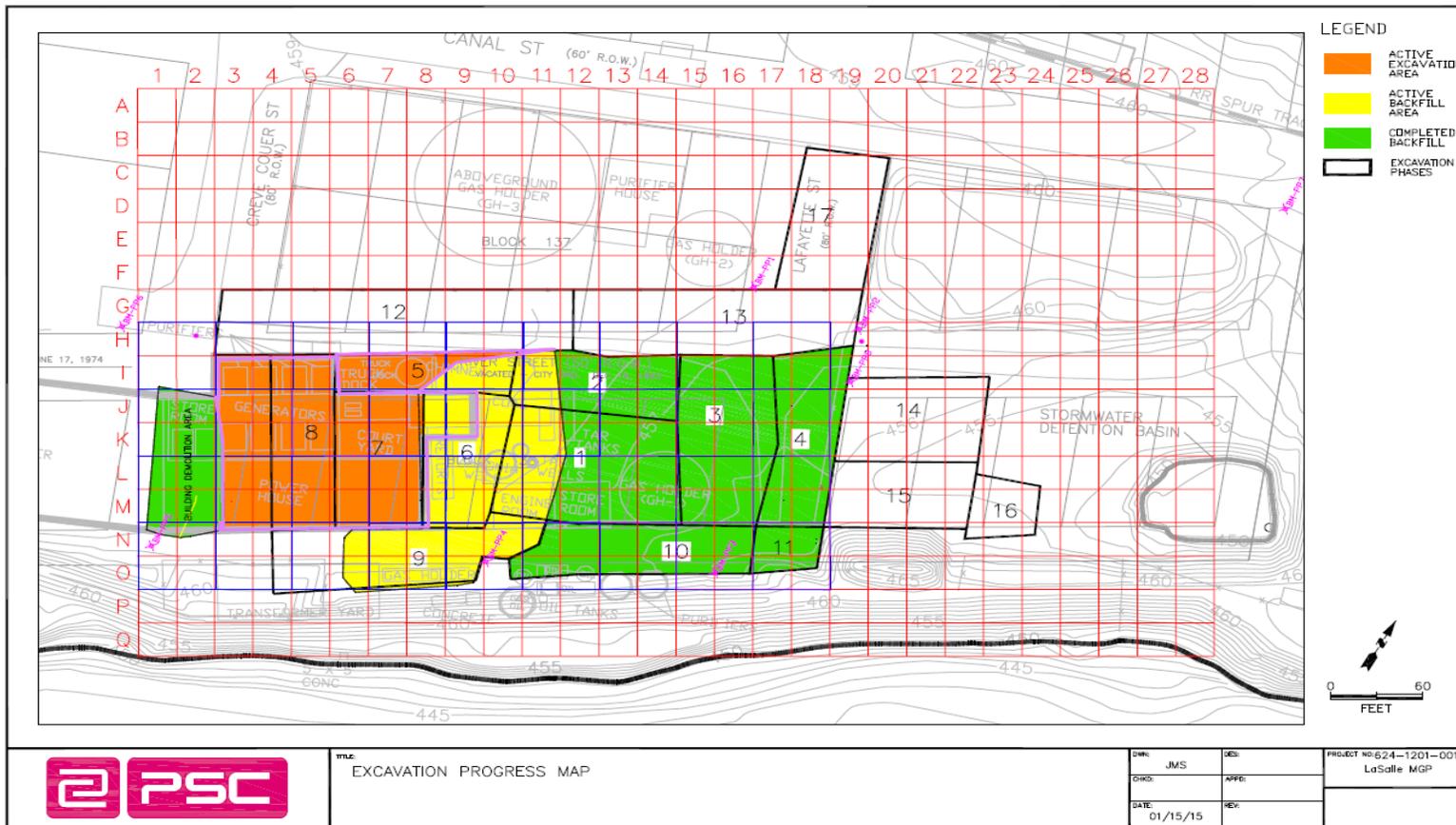
None



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

Period: February 9 through 15, 2015 (Week 74)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012





Period: February 9 through 15, 2015 (Week 74)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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## LaSalle MGP Air Monitoring Progress Report Week Ending February 14, 2015

### Developments During Reporting Period

#### *Activities Performed*

- Time-integrated air samples were collected from February 9<sup>th</sup> to February 12<sup>th</sup> and February 12<sup>th</sup> to February 15<sup>th</sup>. Samples collected on February 12<sup>th</sup> were picked up by STAT on February 12<sup>th</sup>. Samples collected on February 15<sup>th</sup> are expected to be picked up by STAT on February 16<sup>th</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). 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 January 31<sup>st</sup> were reported via email on February 12<sup>th</sup>. 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*

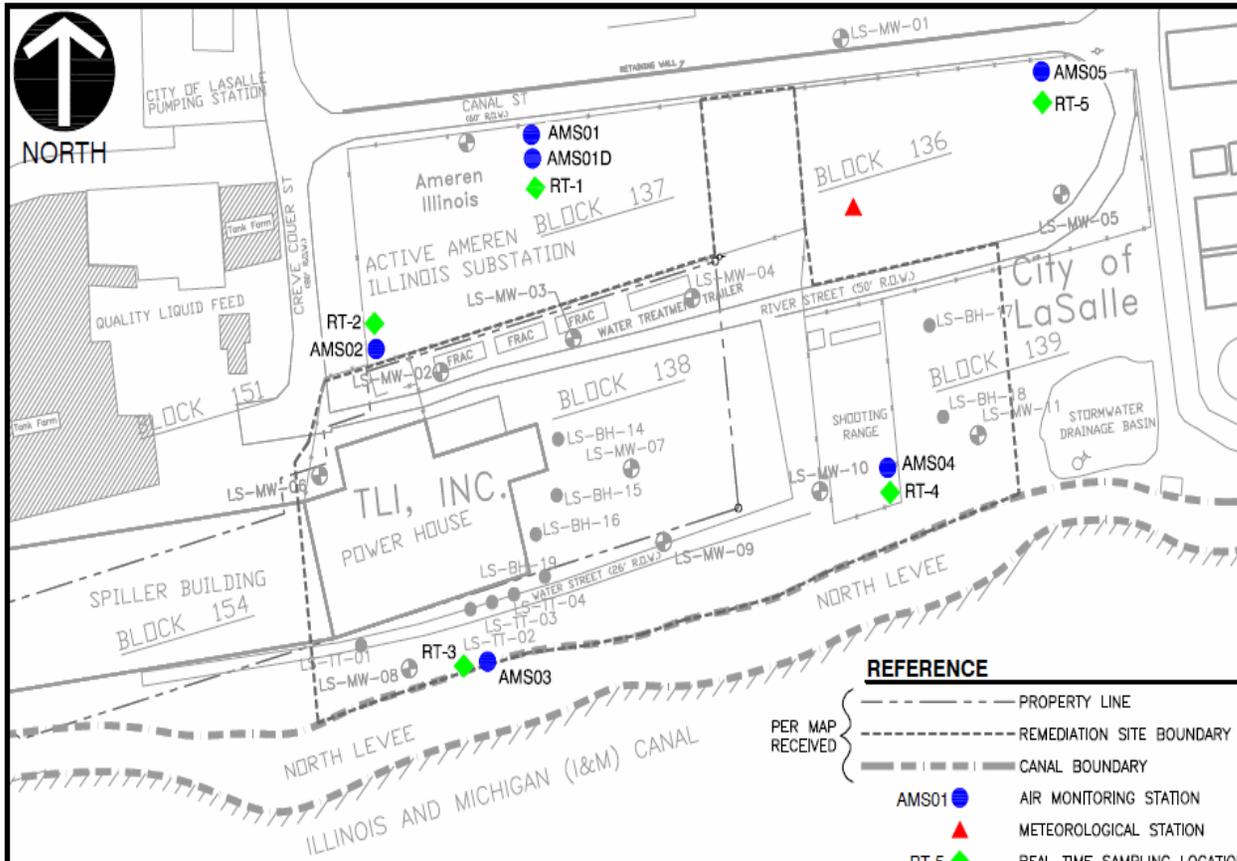
- Real-time monitoring continuing during remedial activities.
- Conduct time-integrated sampling during intrusive activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results 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**

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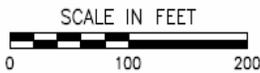


**REFERENCE**

- PROPERTY LINE
- - - - - REMEDIATION SITE BOUNDARY
- CANAL BOUNDARY
- AMS01 AIR MONITORING STATION
- ▲ METEOROLOGICAL STATION
- ◆ RT-5 REAL TIME SAMPLING LOCATION

**REFERENCE**

1. BASE FILE PROVIDED BY CLIENT ON 11/6/13. DRAWING NAME "010012G.DWG".



<p><b>Civil &amp; Environmental Consultants, Inc.</b>          4848 Park 370 Blvd., Suite F - Hazelwood, MO 63042          314-656-4566 · 866-250-3679          www.cecinc.com</p>		<p><b>AMEREN FORMER LASALLE MGP SITE LASALLE, IL</b></p>	
<b>AIR MONITORING STATION LOCATIONS</b>			
DRAWN BY:	SGB/CAC	CHECKED BY:	PB
DATE:	NOV 2013	DWG SCALE:	1" = 100'
APPROVED BY:	CND*	PROJECT NO.:	131-152
FIGURE NO.:			<b>2</b>



**Project Milestones Summary Report  
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**Project Milestones**

Actual Quantities

Weather:

Rainfall (inches)  
Snowfall (inches) winter 2014-2015

Prior Total:    This Period:    Total To Date:

1.30	0.00	1.30
29.25	0.00	29.25

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

13,771.64	963.36	14,735.00	0	0
47,567.68	1,443.93	49,011.61	120,000*	0
0.00	0.00	0.00	0	0
61,339.32	2,407.29	63,746.61	0	0

Add. Solid Waste Material:

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

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
111.91	0.00	111.91	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)

15,233.60	0.00	15,233.60	0	0
24,903.54	0.00	24,903.54		
3,766.41	0.00	3,766.41	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
43,903.55	0.00	43,903.55	0	0

Stone Backfill Subtotal

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

845.02	43.77	888.79	0	0
6,181.97	0.00	6,181.97	0	0
0.00	0.00	0.00	0	0
50,930.54	43.77	50,974.31	0	0

Treated Wastewater:

Discharged to PDC (gallons)

1,157,900	41,700	1,199,600	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

2	2	4	4	4	
2	2	4	4	4	



Looking southwest at excavator separating large pieces of concrete to be broken up for loading.



Looking west in Phase 7 at dozer pushing debris into a stockpile for loading out.



Looking southwest at excavator loading 1st soil truck of the day from Phase 8 excavation with mgp impacted soil



Looking south at excavator in phase 8 moving large piece of concrete subfloor to be broken for loadout.

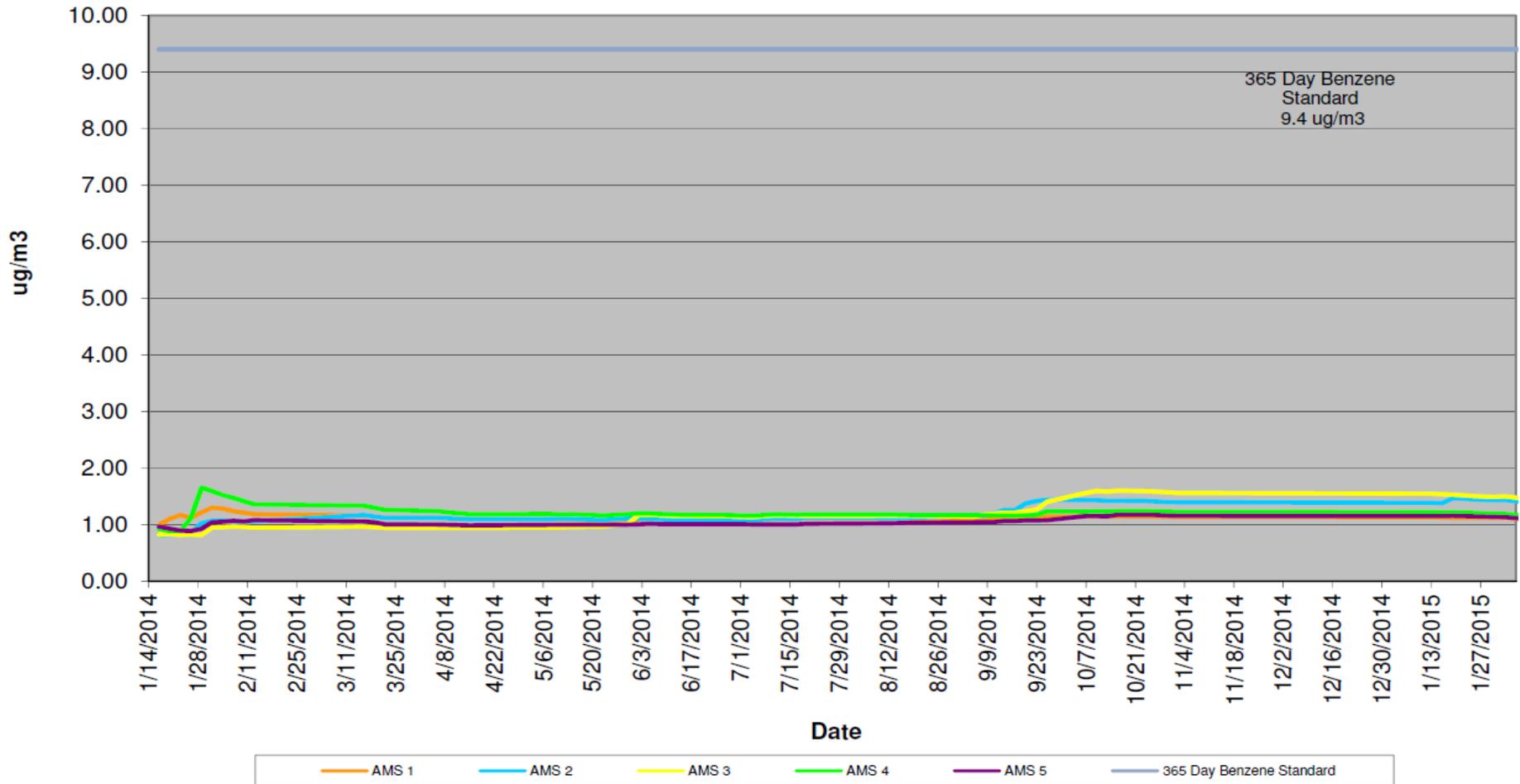


Looking North in Phase 8 at excavation of impacted soil below basement concrete.

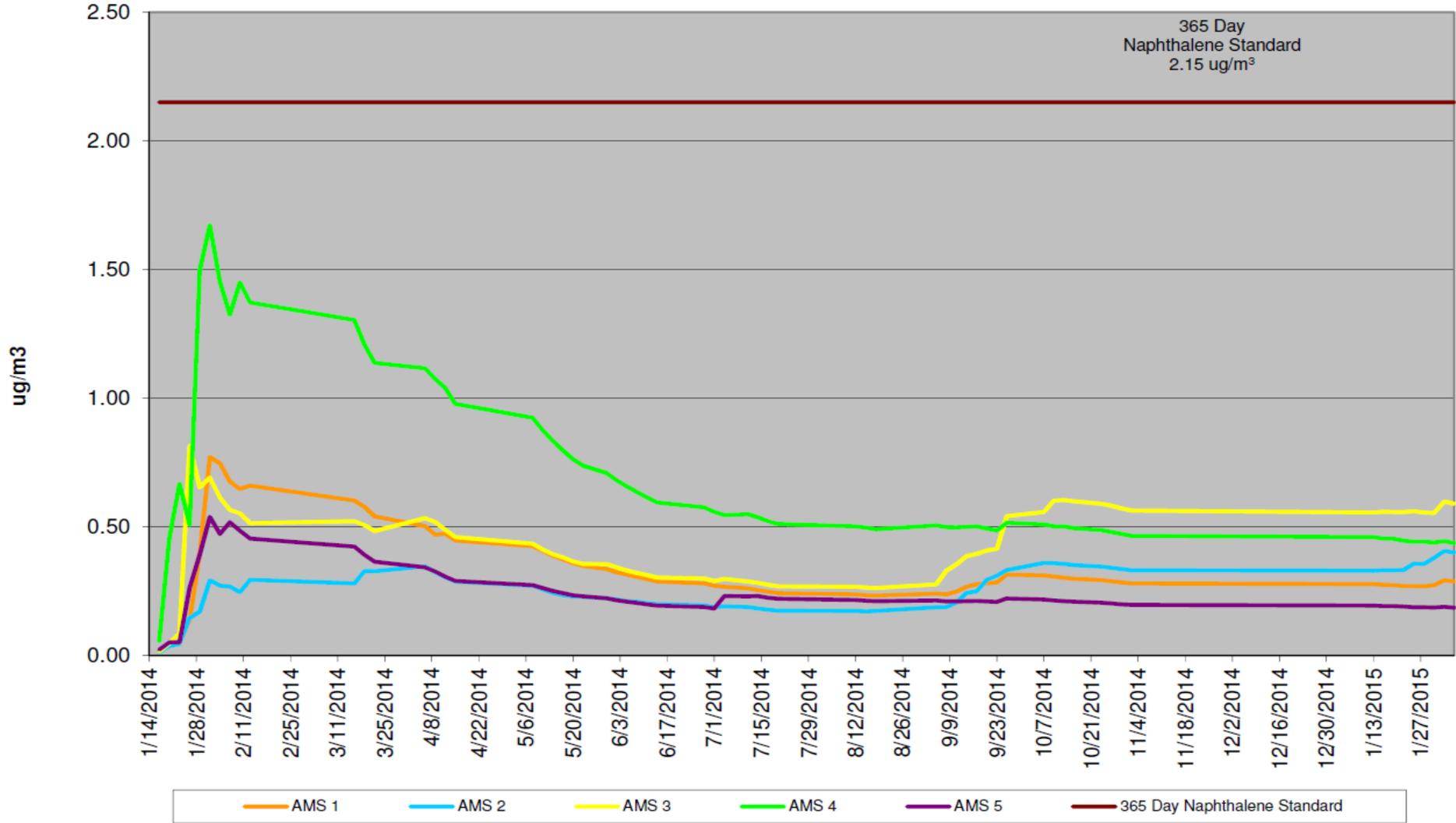


One excavator using hydraulic hammer on concrete foundations, while other excavator loads demolition debris into truck for offsite disposal.

### Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 2/6/2015



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 2/6/2015



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 2/6/2015

