



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

Period: May 19 - May 25, 2014 (Week 36)  
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 3,224.75 tons of Construction Debris (539.0 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 19th:

Excavators begin breaking concrete and separating demolition debris in Phase 5 area, and continue breaking concrete slabs along canal berm. Stormwater basin is still full; no action yet taken by Quality Liquid Feeds (QLF). A steel underground storage tank (~500 gal.) was discovered beneath the concrete truck ramp in Phase 5 containing water and no sludge; was solidified with dry soil and will be excavated later.

### Tuesday - May 20th:

Excavators continue breaking concrete and separating demolition debris in Phase 5 area, and breaking concrete slabs along canal berm. Site personnel obtained keys to the WWTP gate and building and permission to use the facility basements as a storm shelter in case of a severe weather emergency. Begin moving eastern Site berm further east, to encompass Phase 4 area, in preparation for excavation. Excavator uncovered a large steel foundation in Phase 5, beneath the former smoke stack.

### Wednesday - May 21st:

Excavators continue separating and loading demolition debris from Phase 5 area, and breaking concrete slabs along canal berm. Continue moving eastern Site berm further east, to encompass Phase 4 area, in preparation for excavation. Ed B. and Matt T. mark and survey corners of excavation phases for Site excavation plan map.

### Thursday - May 22nd:

Excavators continue separating and loading demolition debris from Phase 5 area, and breaking concrete slabs along canal berm. Another concrete slab was discovered below grade in Phase 6. The railroad has shut down the crossing at Creve Cour Street; trucks are re-routed through the western access road. Ed B. and Matt T. drove to LandComp Landfill to meet Mike Egizio and take a soil sample of the proposed borrow area.

### Friday - May 23rd:

Excavators continue separating and loading demolition debris from Phase 5 area, and breaking concrete slabs along canal berm. JF Electric on Site to unhook the power to the wastewater treatment trailer. Laborers pump molasses-impacted water from the pistol range into ~1.5 ft. of remaining head space in frac tank #3. Water is applied to the haul roads for dust control.

### Saturday - May 24th:

No site work performed.

### Health & Safety Activities:

Weather Conditions: Mostly sunny with high temperatures from the 70s to the 80s

H&S Issues/Other: Fighting fatigue, driving safety and emergency preparedness. 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 19 - May 25, 2014 (Week 36)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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### Developments During Reporting Period

#### *Activities Performed*

- Time-integrated sampling has continued during excavation activities. Sampling was conducted from May 20<sup>th</sup> through May 23<sup>rd</sup>. As a result of no intrusive remediation activities planned from May 24<sup>th</sup> thru May 26<sup>th</sup> time-integrated sampling was not conducted during that period. The time-integrated sampling was discontinued on May 23<sup>rd</sup>. Time-integrated sampling at all stations is planned to resume on May 27<sup>th</sup>.
- The samples collected on May 23<sup>rd</sup> were picked up by STAT on May 23<sup>rd</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*

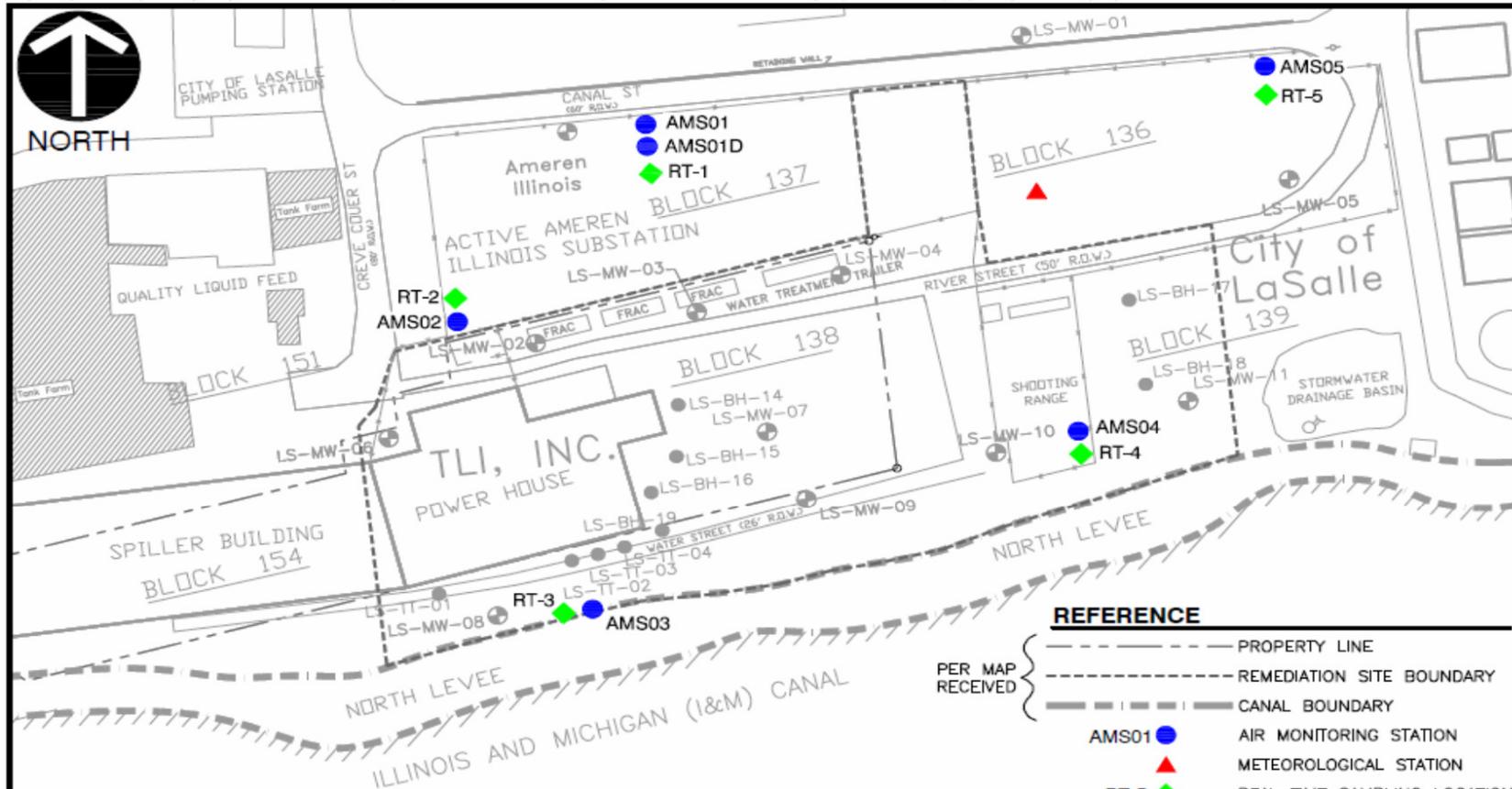
- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation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



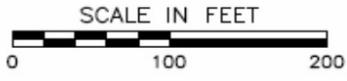
### Air Monitoring Station Locations Ameren LaSalle Former MGP - Soil Removal Action

Period: May 19 - May 25, 2014 (Week 36)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012



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



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

**CEC**  
**Civil & Environmental Consultants, Inc.**  
 4848 Park 370 Blvd., Suite F - Hazelwood, MO 63042  
 314-656-4566 · 866-250-3679  
 www.cecinco.com

AMEREN  
 FORMER LASALLE MGP SITE  
 LASALLE, IL

**AIR MONITORING STATION LOCATIONS**

DRAWN BY: SGB/CAC	CHECKED BY: PB	APPROVED BY: CND*	FIGURE NO.: 2
DATE: NOV 2013	DWG SCALE: 1" = 100'	PROJECT NO: 131-152	



**Project Milestones Summary Report  
Ameren LaSalle Former MGP - Soil Removal Action**

Period: May 19 - May 25, 2014 (Week 36)  
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**Project Milestones**

Actual Quantities

Weather:

Rainfall (inches)  
Snowfall (inches)

	Prior Total:	This Period:	Total To Date:
Rainfall (inches)	17.42	0.00	17.42
Snowfall (inches)	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

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
Construction & Demolition Debris-Republic (tons)	2,685.75	539.00	3,224.75	0	0
MGP Impacted Soil (Non Source)-Republic (tons)	19,438.86	0.00	19,438.86	120,000*	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
<b>TOTAL</b>	<b>22,124.61</b>	<b>539.00</b>	<b>22,663.61</b>	<b>0</b>	<b>0</b>

Addt. Solid Waste Material:

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

	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

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)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
CM-06, 1-Inch Minus (tons)	15,056.95	0.00	15,056.95	0	0
Lime Screenings (tons)	6,284.06	0.00	6,284.06		
CS-02, 2 to 3-Inch Clean Stone (tons)	1,124.36	0.00	1,124.36	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

Stone Backfill Subtotal

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

<u>Stone Backfill Subtotal</u>	22,465.37	0.00	22,465.37	0	0
CA-7, 1-Inch Clean Stone (tons)	427.98	0.00	427.98	0	0
Clean soil backfill (tons)	290.00	0.00	290.00	0	0
Top Soil (cubic yard)	0.00	0.00	0.00	0	0
<b>TOTAL</b>	<b>23,183.35</b>	<b>0.00</b>	<b>23,183.35</b>	<b>0</b>	<b>0</b>

Treated Wastewater:

Discharged to PDC (gallons)

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	0	0	1	1	1	
Requested	0	0	1	1	1	



View of oil tank foundations to be demolished along the canal berm; facing west.



View of the top of a ~500 gallon steel tank (full of water) that was uncovered underneath the truck ramp in Phase 5.



View of the steel foundation from the former smoke stack, uncovered in Phase 5.



View of berm to keep water out of excavation, moved east to encompass Phase 4; facing north.

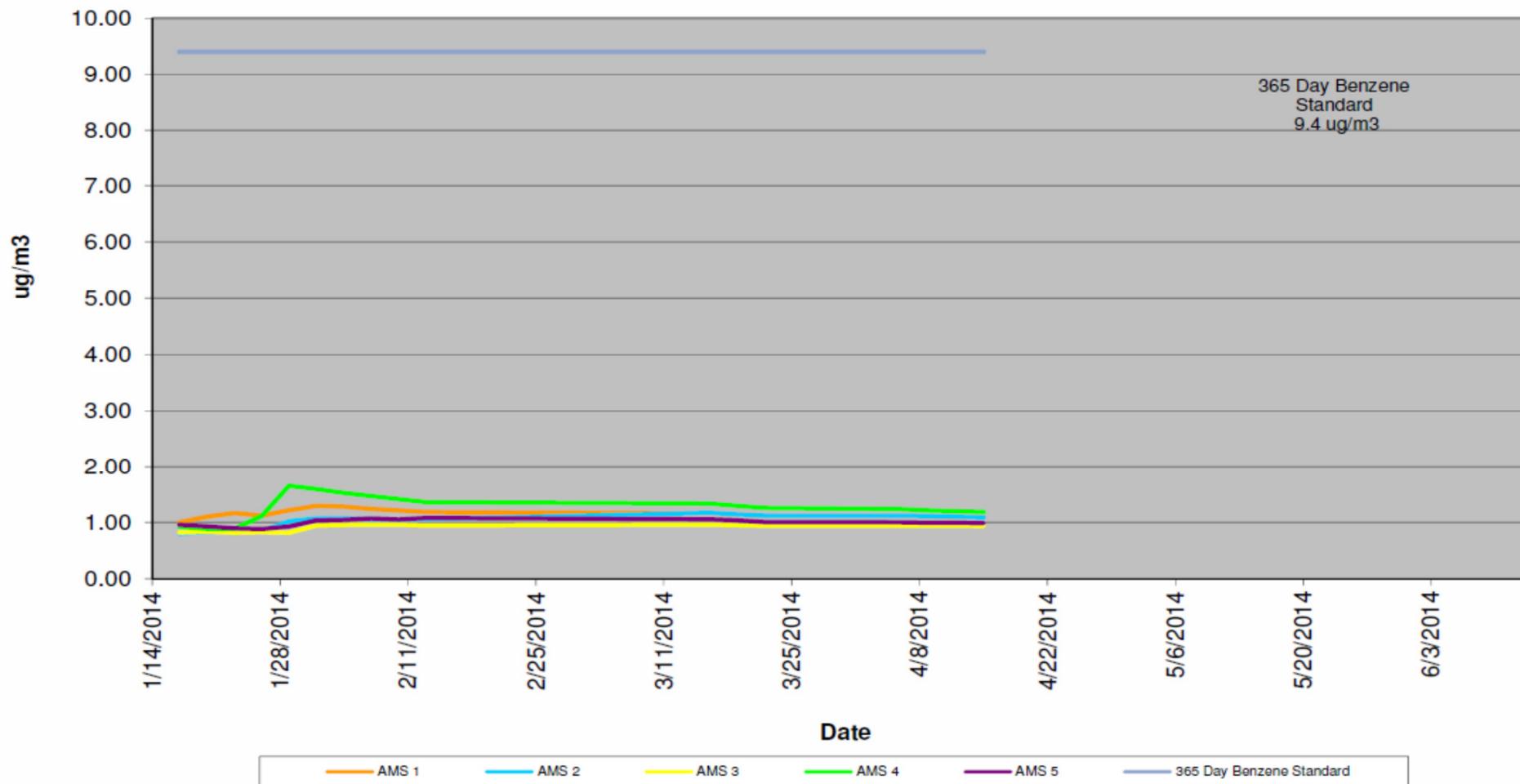


Laborers pumping molasses-impacted water from the pistol range into frac tank #3.

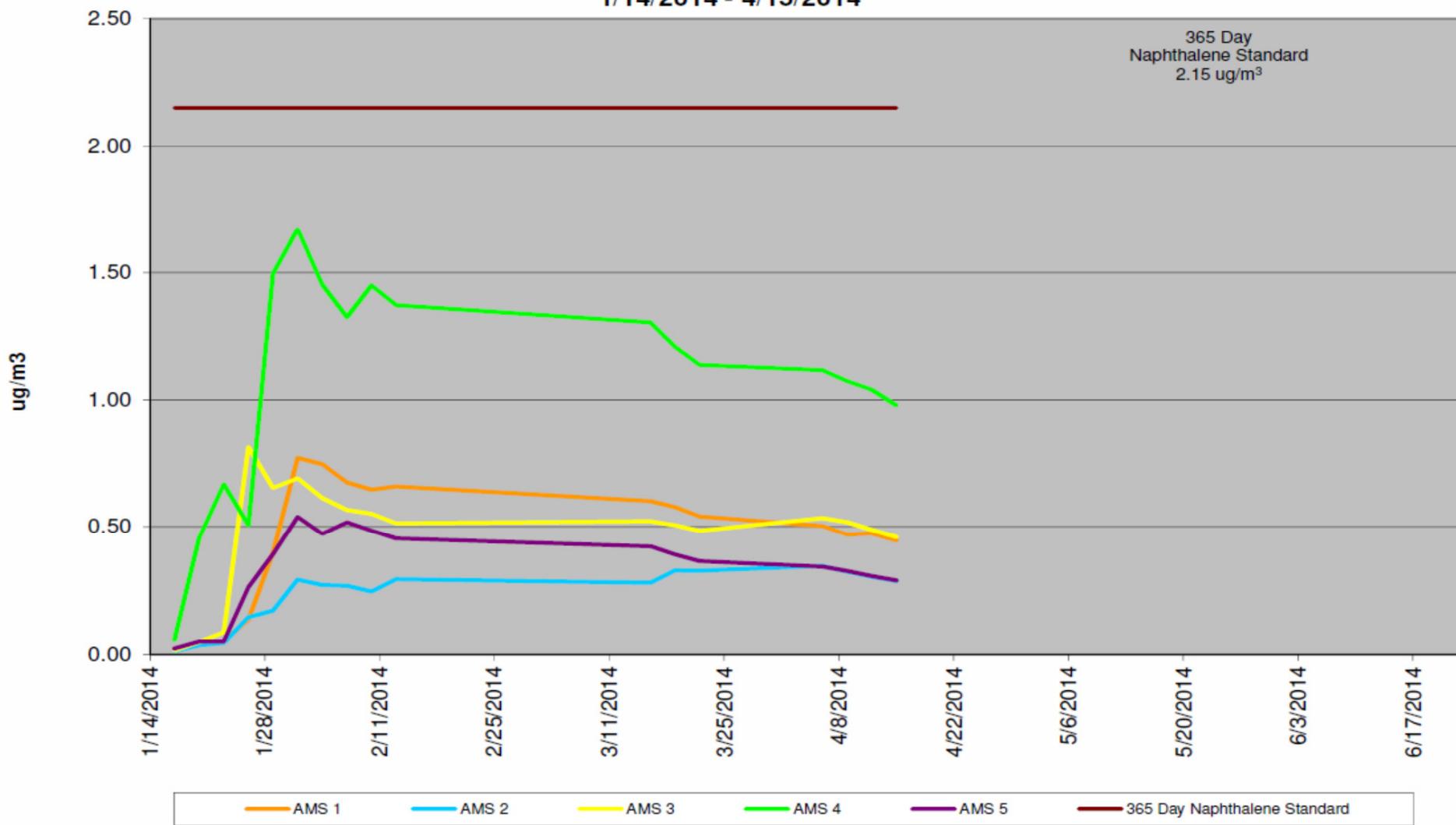


Loading demolition debris from Phase 5 into truck for disposal; facing west.

**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

