



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

Period: September 15 through 21, 2014 (Week 53)

PSC Project Number

624-1202-0012

Completed By: Jeff Adams

**General Remediation Activities Completed:**

PSC continued active onsite remediation activities, continuing excavation in Phases 5 & 6. The sketch on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 3,639.2 tons of Construction Debris (77.38 tons this week) and 39,266.84 tons of Non-Source Material (3,260.47 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 3,768.71 tons of clay (0 tons this week) and 35,386.81 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 303.27 tons this week) have been hauled onsite to use as backfill material. In addition, 515.85 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 54,000 gallons of water removed from the excavation are currently containerized, while approximately 543,300 gallons (5,000 this week) have been hauled offsite for disposal.

**Monday - September 15th:**

Continued excavation in Phase #5 and #6. PSC work start was delayed by lightning. Additional fencing was delivered by Northern Contracting Fencing. Approximately 5,000 gallons of water was pumped from the excavation into storage. QLF removed 2 loads from the basement; there was no pumping from the lagoon due to ammonia levels.

**Tuesday - September 16th:**

Continued excavation in Phase #5 and #6. Ordered, received, and placed 1"x3" stone to stabilize the north slope of the excavation. Mechanical problems (hydraulic leak) shut down the 320 excavator. The skidsteer bumped an above ground stub of an abandoned gasline that was not marked. There was a gas odor, however JULIE confirmed it was abandoned. Approximately 8,000 gallons of water was pumped from the excavation into storage. QLF removed 4 loads from the basement and moved the pump to the deepest section of the basement; there was no pumping from the lagoon.

**Wednesday - September 17th:**

Continued excavation in Phase #5 and #6. Approximately 8,000 gallons of water was pumped from the excavation into storage. Mechanics were onsite and repaired the 320 excavator. The entrance ramp into the Phase #5 and #6 excavation was moved to the northeast corner. QLF removed 2 loads from the basement; there was no pumping from the lagoon.

**Thursday - September 18th:**

Continued excavation in Phase #5 and #6. Approximately 26,000 gallons of water was pumped from the excavation into storage. Mechanics were onsite and repaired the 320 excavator (different problem from yesterday) and the dozer. QLF removed 2 loads from the basement; there was no pumping from the lagoon.

**Friday - September 19th**

Continued excavation in Phase #5 and #6. Several loads of construction and demolition debris were loaded out from broken concrete. Bodine hauled 5000 gallons of wate to PDC for disposal. Approximately 7,000 gallons of water was pumped from the excavation into storage. QLF removed 1 loads from the basement; there was no pumping from the lagoon.

**Saturday - September 20th:**

No site work performed.

**Health & Safety Activities:**

Weather Conditions: Week began rainy, and foggy and ended dry with high temperatures from the 60s to the 70s.

H&S Issues/Other: Discussed driving, hydraulic pump, rental equipment, pressure washing, and power tools. No recordable accidents or incidents occurred.

**Out of Scope Items:**

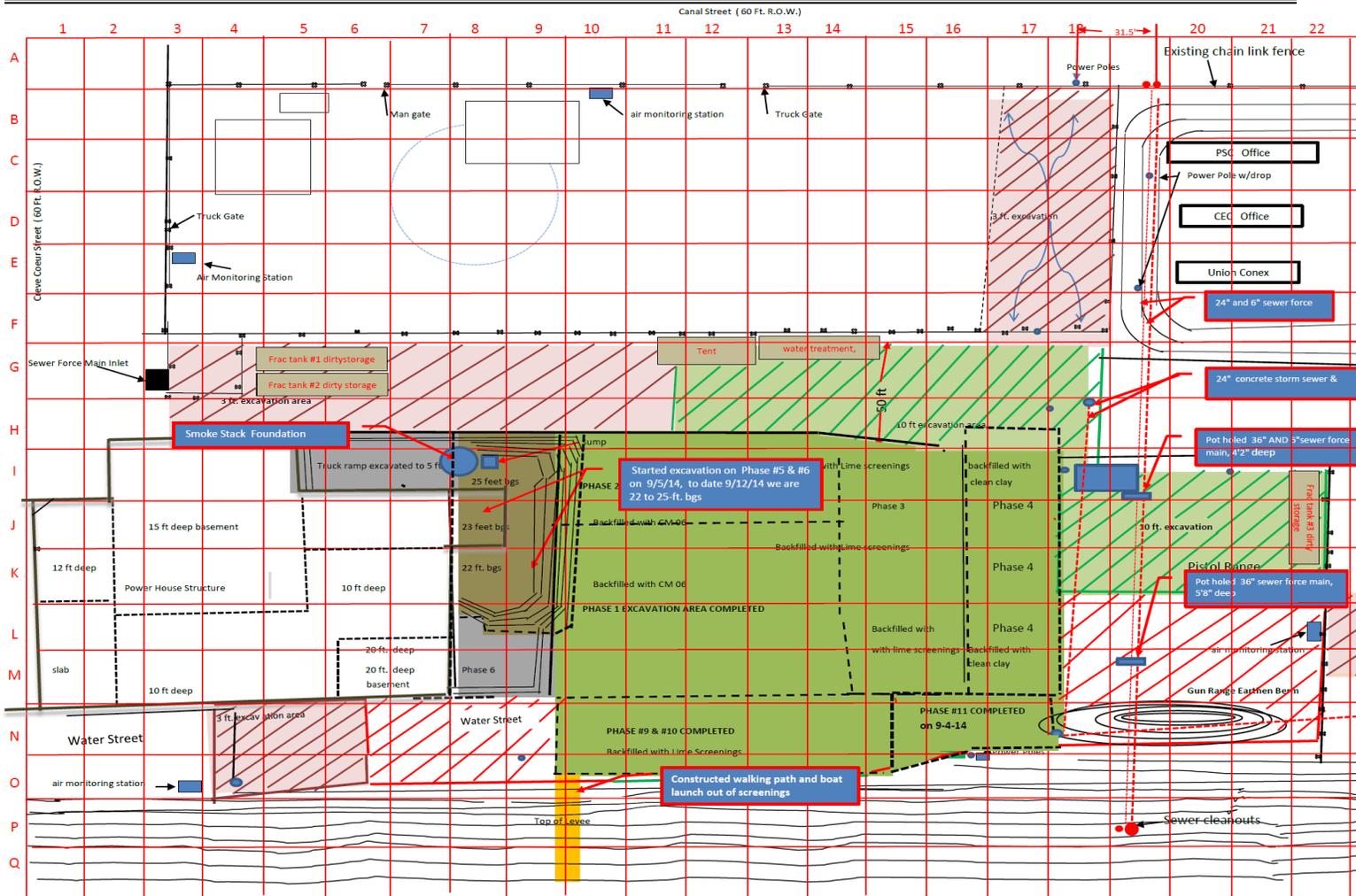
None



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

Period: September 15 through 21, 2014 (Week 53)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012



Illinois Michigan Canal



Period: September 15 through 21, 2014 (Week 53)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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## LaSalle MGP Air Monitoring Progress Report Week Ending September 20, 2014

### Developments During Reporting Period

#### *Activities Performed*

- Time-integrated sampling was conducted from September 14<sup>th</sup> thru September 17<sup>th</sup> and the samples were picked up by STAT on September 17<sup>th</sup>. Sampling was also conducted September 17<sup>th</sup> thru September 20<sup>th</sup> and the samples are expected to be picked up by STAT on September 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). 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 August 21<sup>st</sup> have been received and presented in the updated preliminary time-integrated results provided on September 8<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*

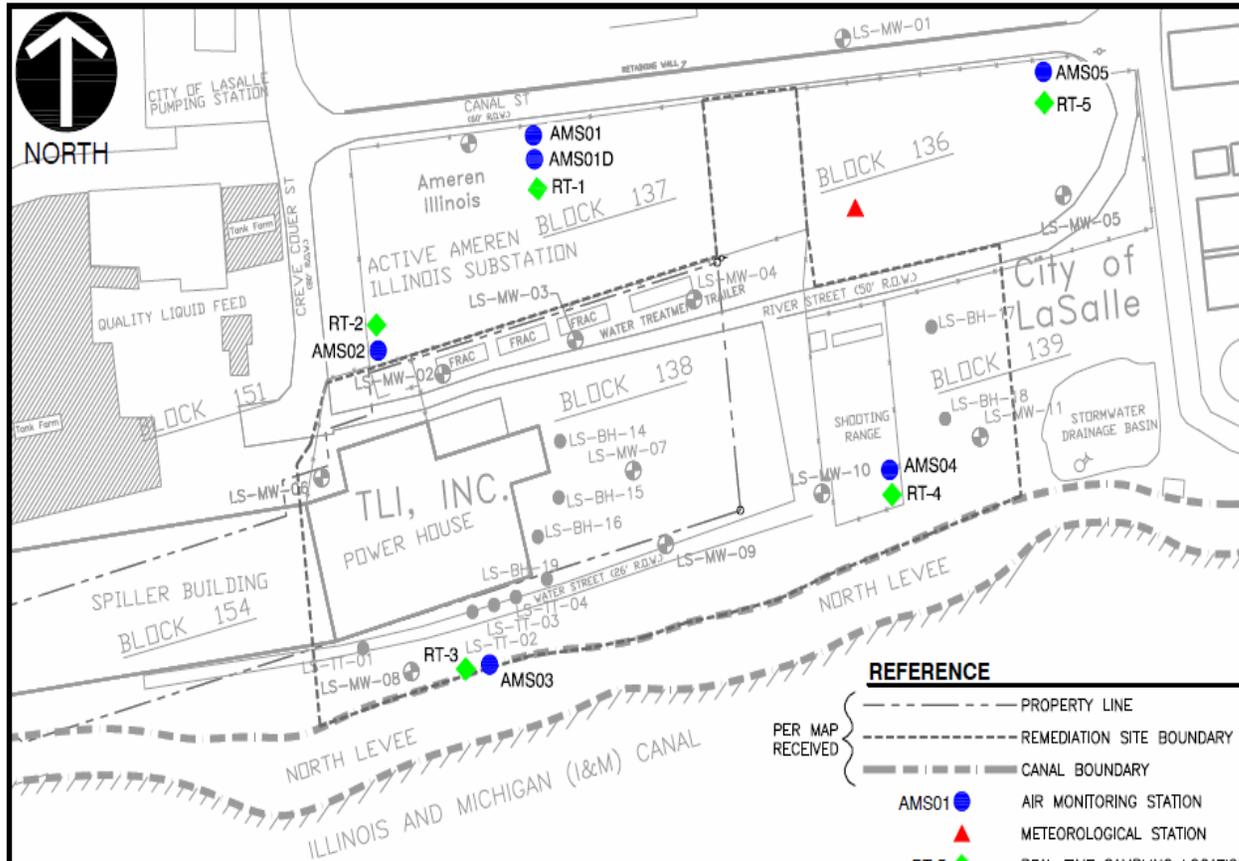
- Continue to perform time-integrated sampling at the site until intrusive activities cease.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.



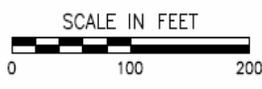
**Air Monitoring Station Locations  
Ameren LaSalle Former MGP - Soil Removal Action**

Period: September 15 through 21, 2014 (Week 53)  
Completed By: Jeff Adams

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



**REFERENCE**

PER MAP RECEIVED	---	PROPERTY LINE
	- - - -	REMIEDIATION SITE BOUNDARY
	=====	CANAL BOUNDARY
	●	AMS01 AIR MONITORING STATION
	▲	METEOROLOGICAL STATION
	◆	RT-5 REAL TIME SAMPLING LOCATION

 <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		<b>AMEREN FORMER LASALLE MGP SITE LASALLE, IL</b>	
<b>AIR MONITORING STATION LOCATIONS</b>			

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: September 15 through 21, 2014 (Week 53)  
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**Project Milestones**

Actual Quantities

Weather:

Rainfall (inches)  
Snowfall (inches)

Prior Total:    This Period:    Total To Date:

35.07	0.40	35.47
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

3,561.82	77.38	3,639.20	0	0
36,006.37	3,260.47	39,266.84	120,000*	0
0.00	0.00	0.00	0	0
39,568.19	3,337.85	42,906.04	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)  
4 to 8-Inch Rip Rap (tons)  
4-Inch Crushed Concrete (tons)

15,233.60	0.00	15,233.60	0	0
17,469.08	0.00	17,469.08		
2,380.86	303.27	2,684.13	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

Stone Backfill Subtotal

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

35,083.54	303.27	35,386.81	0	0
515.85	0.00	515.85	0	0
3,768.71	0.00	3,768.71	0	0
0.00	0.00	0.00	0	0
39,368.10	303.27	39,671.37	0	0

Treated Wastewater:

Discharged to PDC (gallons)

538,300	5,000	543,300	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	4	4	4	4	4	
Requested	4	4	4	4	4	



Looking west at standing water with MGP impact in bottom of excavation.



Looking northeast at crew stabilizing north slope of Phase #5 with 1'x3" stone.



Looking west at MGP impact seeping out of wall approx. 10 feet below foundation.



Looking east at stabilized north slope of Phase #5 excavation.

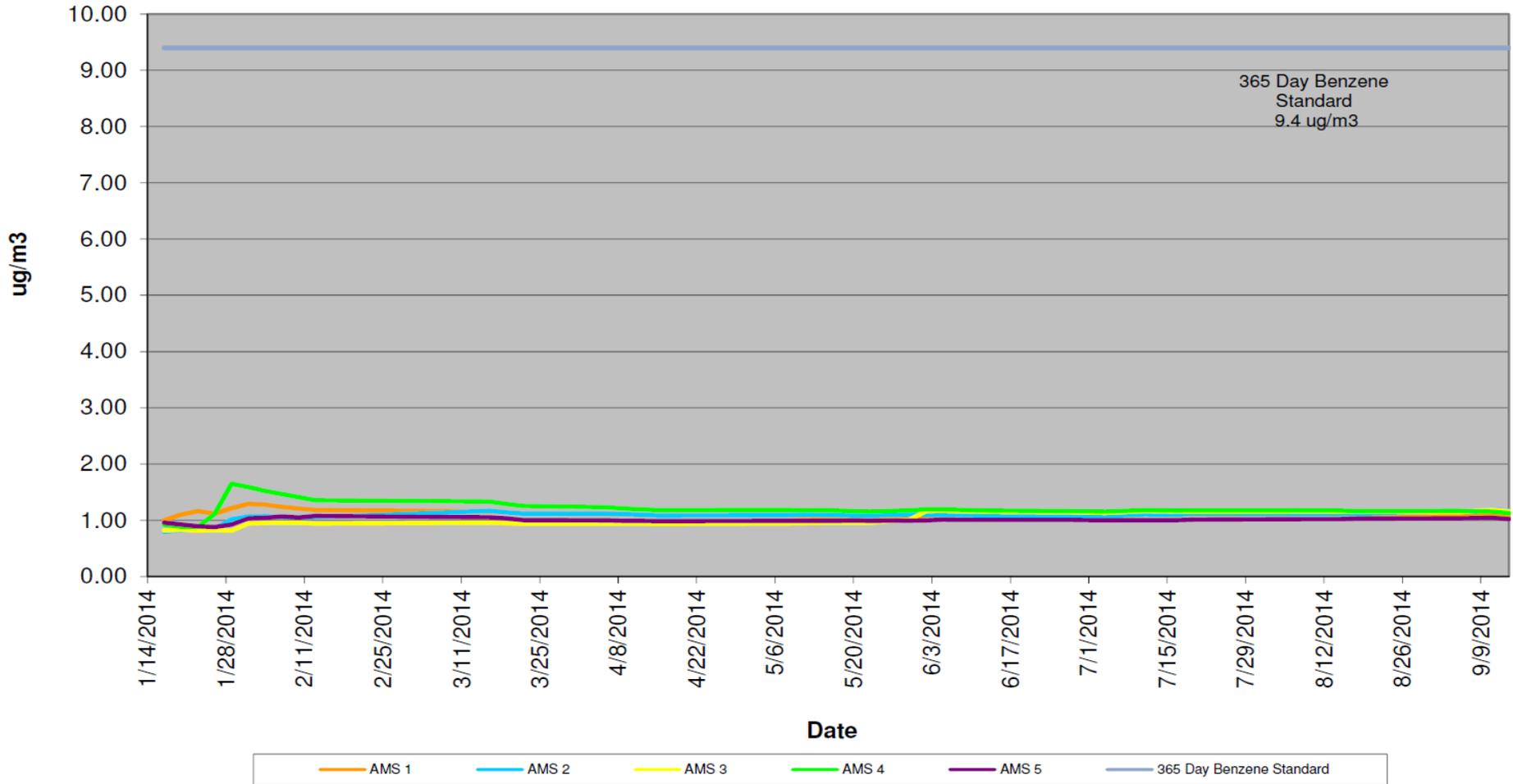


Looking northwest at two concrete structures uncovered adjacent to the foundation

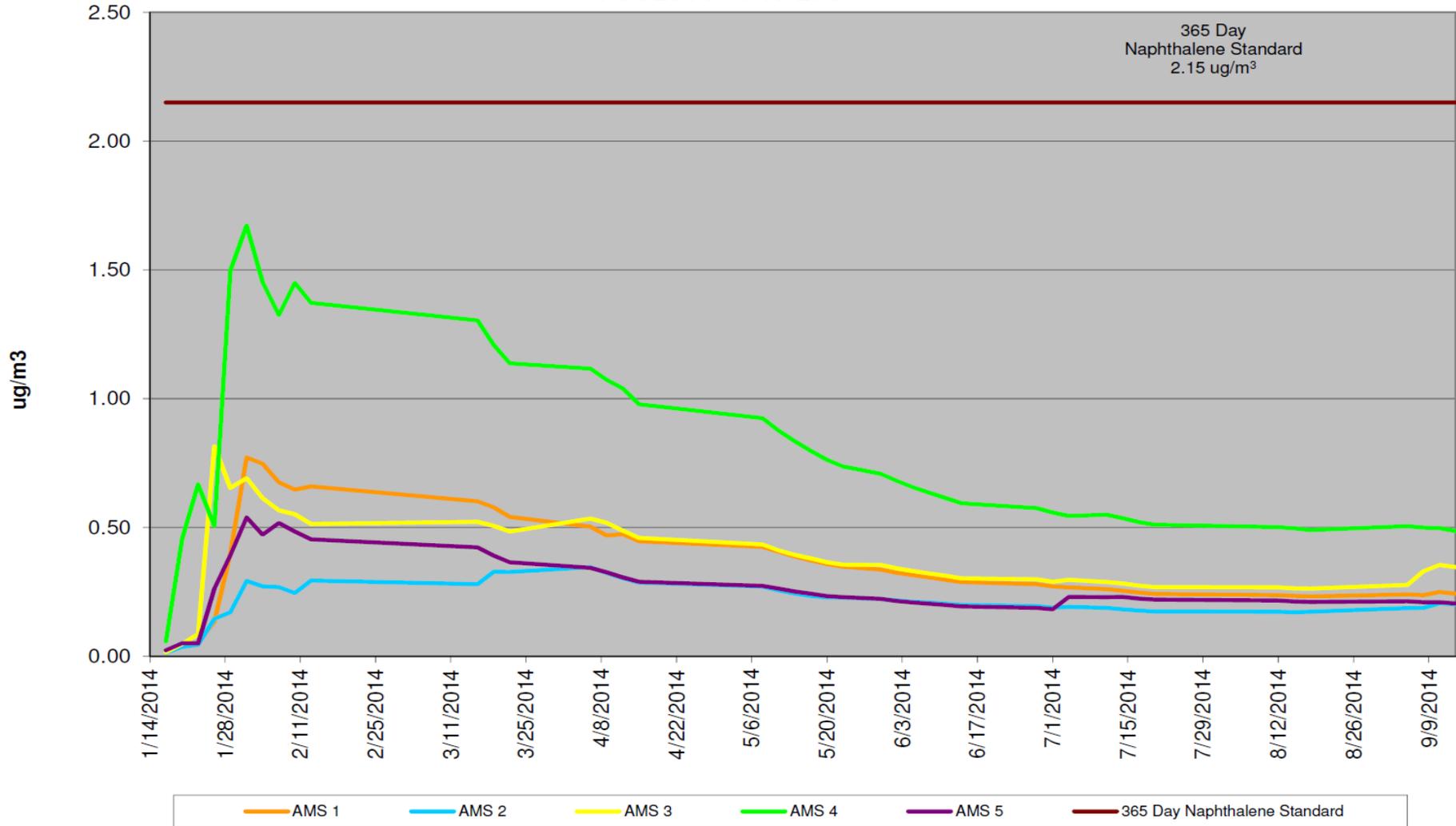


Looking southwest at 320 breaking up 2nd, solid concrete footing.

### Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 9/17/2014



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 9/17/2014



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 9/17/2014

