



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

Period: November 3 through 9, 2014 (Week 60)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

### General Remediation Activities Completed:

PSC continued active onsite remediation activities, completed breaking and loading concrete in the building demolition area (BDA) west of Phase #8 along the QLF building, and continued backfilling the BDA. PSC began demolition of the smokestack foundation in Phase #5 and the eastern end of the basement in Phase #7. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 6,197.58 tons of Construction Debris (578.33 tons this week) and 47,567.68 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 5,480.82 tons of clay (1,276.14 tons this week) and 43,726.66 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, 619.53 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 39,000 gallons of water removed from the excavation are currently containerized, while approximately 822,900 gallons (55,000 this week) have been hauled offsite for disposal.

### Monday - November 3rd:

Continued excavation in west demolition area and breaking and loading debris. Pumped 20,000 gallons from the excavation sump. Bodine hauled 20,000 gallons offsite to PDC for disposal. Laborers used a rental 40 foot man lift to repair the water treatment tent. The PSC sampling crew continued work in the canal performing additional site investigation. QLF is not working in the lagoon area today (mechanical problem with the compressor).

### Tuesday - November 4th:

Completed excavation in west demolition area and breaking and loading debris and began backfill with clean clay. Began demolition of the smokestack foundation in Phase #5. Pumped 10,000 gallons from the excavation sump. Bodine hauled 10,000 gallons offsite to PDC for disposal. The PSC sampling crew continued work in the canal performing additional site investigation. QLF is not working in the lagoon area today.

### Wednesday - November 5th:

Continued backfill with clean clay in BDA and Stack demolition in Phase #5. Pumped 10,000 gallons from the excavation sump. Bodine hauled 10,000 gallons offsite to PDC for disposal. The PSC sampling crew continued work in the canal performing additional site investigation. QLF is not working in the lagoon area today.

### Thursday - November 6th:

Continued backfill with clean clay in BDA and Stack demolition in Phase #5. Pumped 10,000 gallons from the excavation sump. Bodine hauled 10,000 gallons offsite to PDC for disposal. The PSC sampling crew continued work in the canal performing additional site investigation. QLF is not working in the lagoon area today.

### Friday - November 7th:

Continued backfill with clean clay in BDA and Stack demolition in Phase #5. Began demolition of basement wall in Phase #7. Pumped 5,000 gallons from the excavation sump. Bodine hauled 5,000 gallons offsite to PDC for disposal. The PSC sampling crew continued work in the canal performing additional site investigation. QLF is not working in the lagoon area today.

### Saturday - November 8th:

No site work performed.

### Health & Safety Activities:

Weather Conditions:	Week began warmer with high temperatures from the 50s to the 70s then cooling mid week, with highs in the 40s by week's end.
H&S Issues/Other:	Discussed substance abuse, environmental sampling, cuts and infections, the basement demo addendum to the safety plan and slips, trips, and falls. No recordable accidents or incidents occurred.

### Out of Scope Items:

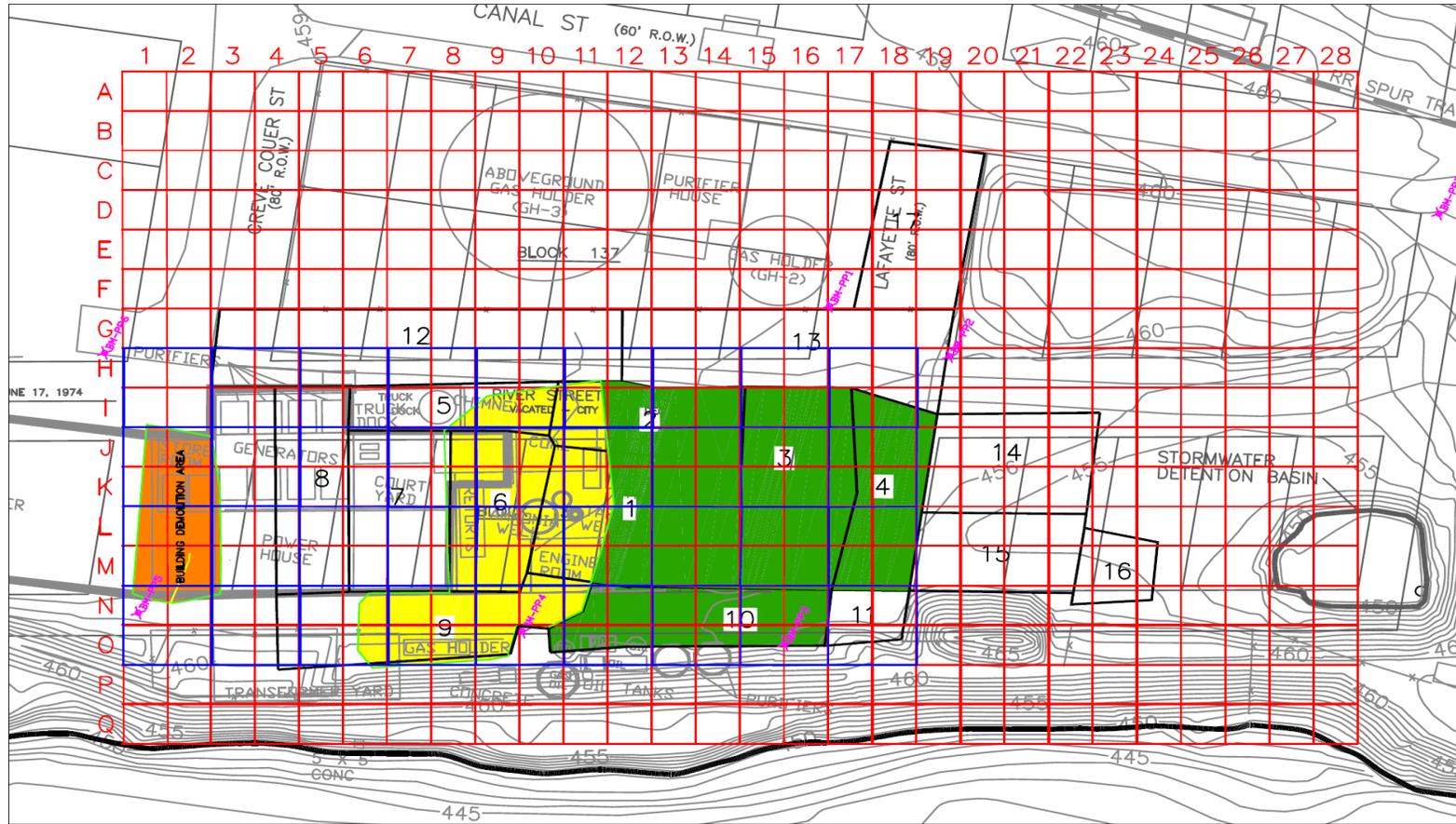
None



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

Period: November 3 through 9, 2014 (Week 60)  
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PSC Project Number 624-1202-0012



**LEGEND**

- ACTIVE EXCAVATION AREA
- ACTIVE BACKFILL AREA
- COMPLETED BACKFILL
- EXCAVATION PHASES



TITLE  
EXCAVATION PROGRESS MAP

DWN:	DES:	PROJECT NO:
CHD:	APP:	
DATE:	REV:	



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

Period: November 3 through 9, 2014 (Week 60)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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**LaSalle MGP Air Monitoring Progress Report  
Week Ending November 8, 2014**

**Developments During Reporting Period**

***Activities Performed***

- Time-integrated samples were collected from November 2<sup>nd</sup> to November 5<sup>th</sup>. The samples were picked up by STAT Analysis on November 5<sup>th</sup>. Time-integrated sampling ceased on November 5<sup>th</sup> as backfill activities resumed. Time-integrated sampling will be discontinued during the next several weeks as demolition activities are undertaken. Should intrusive work which warrants time-integrated sampling commence, CEC will restart the time-integrated sampling stations.
- 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 October 13 have been received and presented in the updated preliminary time-integrated results provided on October 24<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**

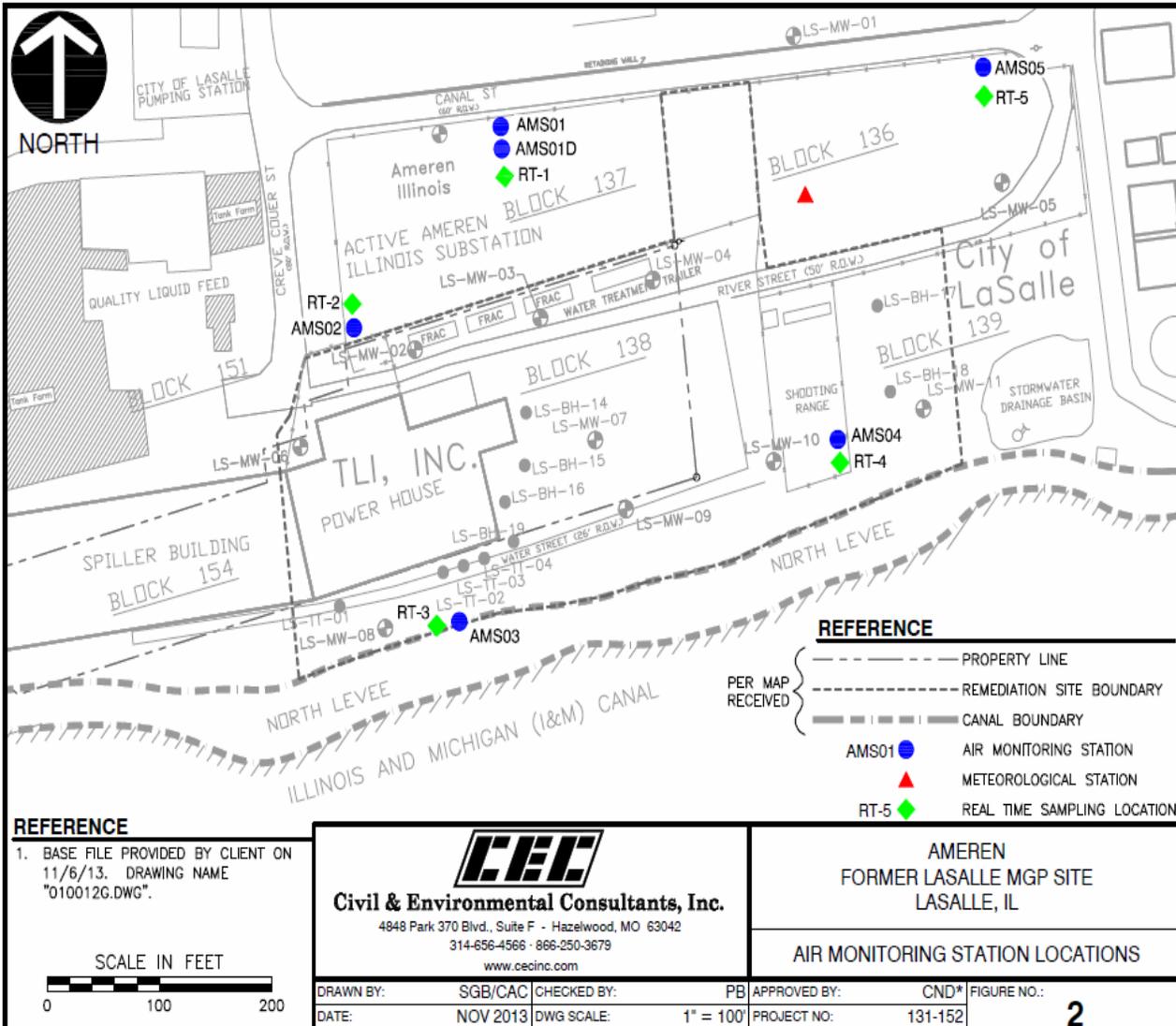
***Activities to be Performed***

- Continue time-integrated sampling during intrusive activities.
- Continue monitoring and reporting of real-time air monitoring results during demolition phase of 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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**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:

39.02	0.00	39.02
0.00	0.00	0.00

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

5,619.25	578.33	6,197.58	0	0
47,567.68	0.00	47,567.68	120,000*	0
0.00	0.00	0.00	0	0
53,186.93	578.33	53,765.26	0	0

Addt. 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)

*Stone Backfill Subtotal*

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

Clean soil backfill (tons)

Top Soil (cubic yard)

TOTAL

15,233.60	0.00	15,233.60	0	0
24,726.65	0.00	24,726.65		
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
43,726.66	0.00	43,726.66	0	0
619.53	0.00	619.53	0	0
4,204.68	1,276.14	5,480.82	0	0
0.00	0.00	0.00	0	0
48,550.87	1,276.14	49,827.01	0	0

Treated Wastewater:

Discharged to PDC (gallons)

767,900	55,000	822,900	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	2	2	2	
2	2	2	2	2	



Looking North in building demolition area. Excavating material between cement walls of basement room that was filled in with soil & debris. Sump filled with Molasses impacted water in foreground.



North west corner of west demo area looking to the SE at middle basement room that was filled in with debris and soil.



Looking northeast at Phase 5, inside smoke stack foundation as demo work progresses on the outside of metal ring.

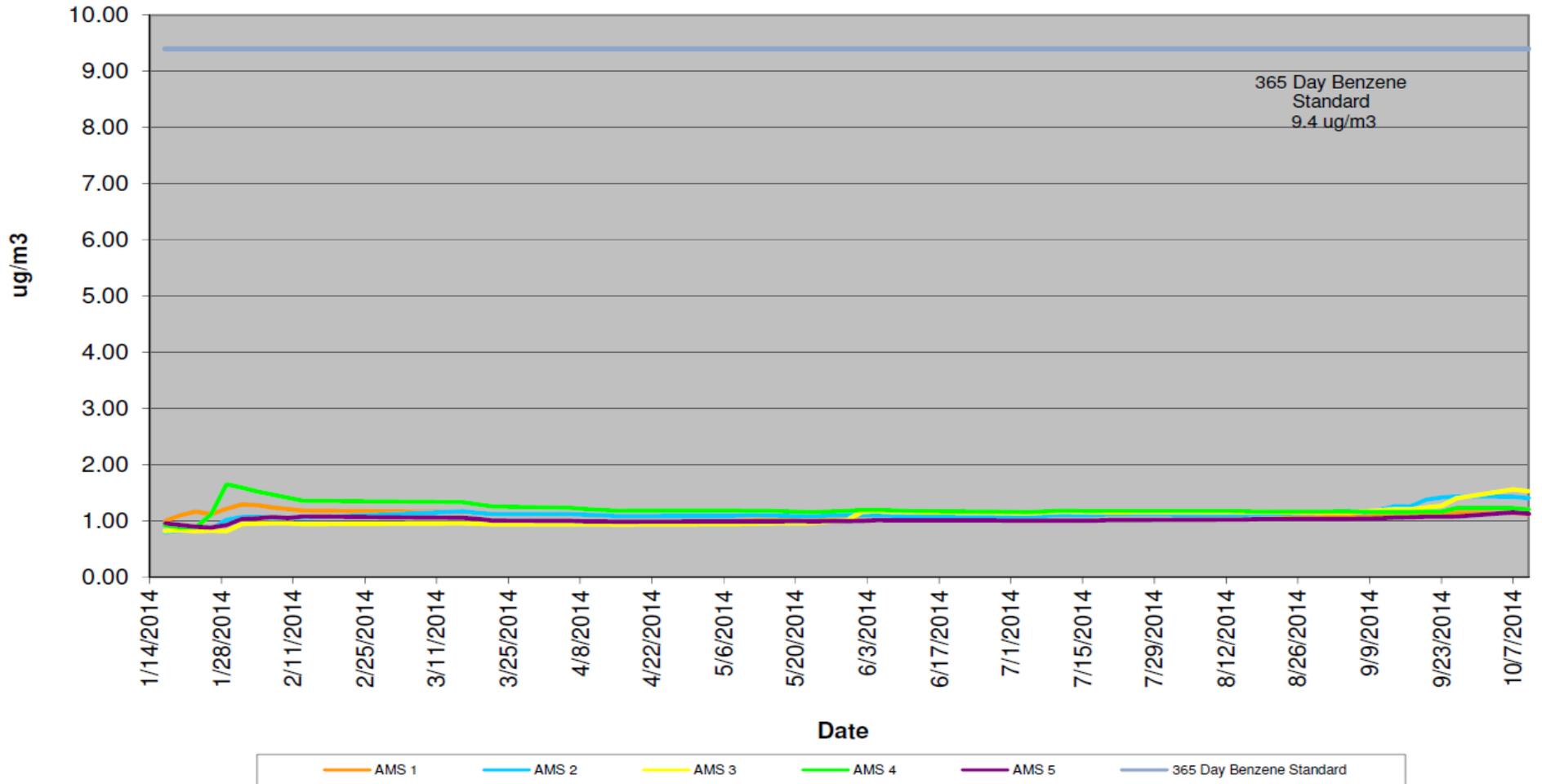


Looking southwest in BDA sump, water is pumped down, drain pipe to canal visible.

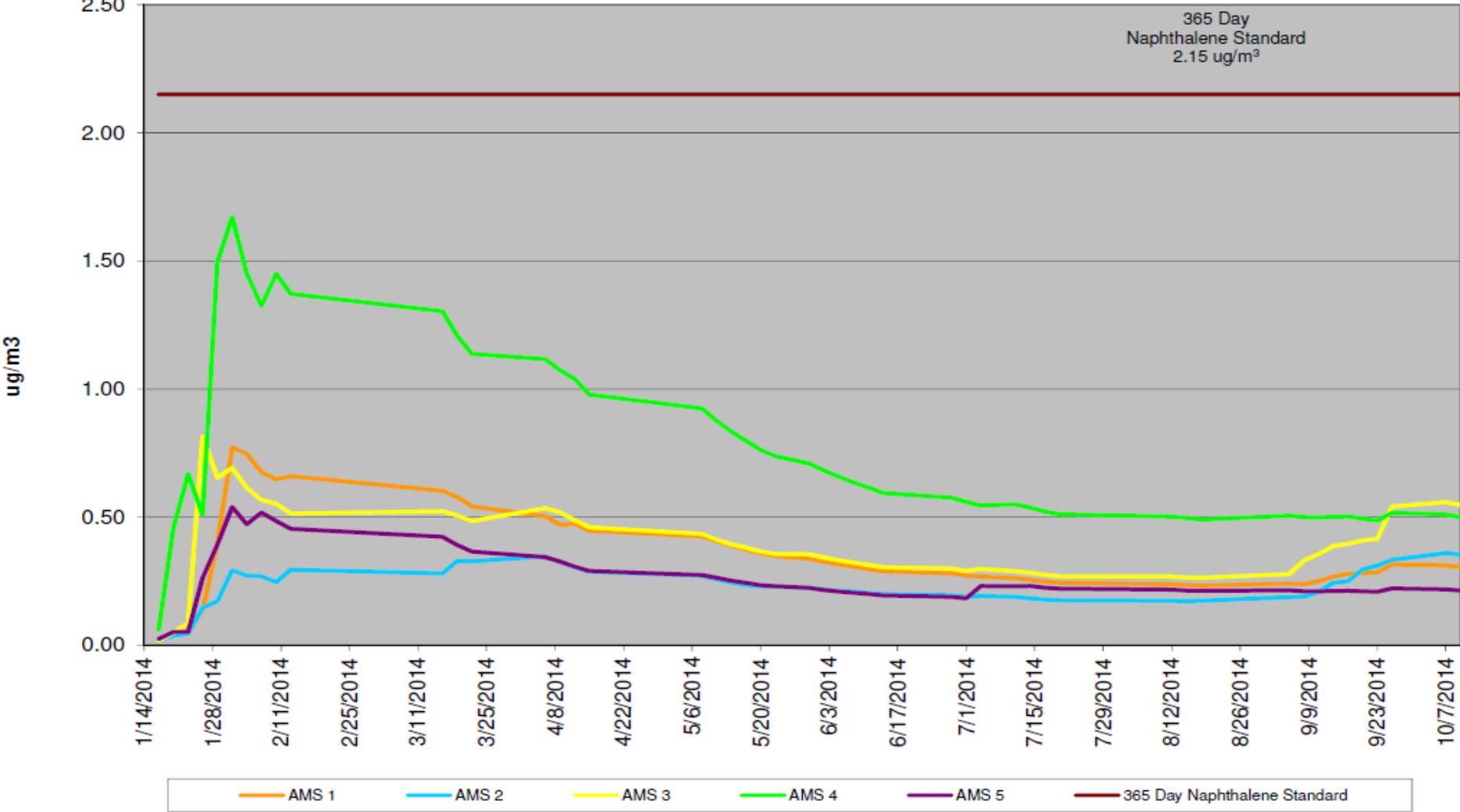


Looking into the east side of basement at NE corner looking to the SW, basement floor exposed

### Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 10/13/2014



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 10/13/2014



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 10/13/2014

