



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

Period: March 2 through 8, 2015 (Week 77)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued onsite remediation activities; continued demolition in the basement and excavation below the concrete in Phase #7 and Phase #8. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 14,762.11 tons of Construction Debris (0 tons this week) and 53,255.26 tons of Non-Source Material (0 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 (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 9,000 gallons of water removed from the excavation are currently containerized, while approximately 1,2349,600 gallons (65,000 this week) have been hauled offsite for disposal.

Monday - March 2nd:

Both excavators continued breaking concrete at the deep sump below the building in Phase 7 and the smokestack foundation. No trucks hauled soil or demo debris today. Bodine hauled 4 loads (20,000 gallons) of water from frac tanks offsite to PDC for disposal. The laborers pumped 20,000 gallons from the sump into onsite frac tanks. The PSC crew is sampling in the canal this week.

Tuesday - March 3rd:

Both excavators continued breaking concrete at the deep sump below the building in Phase 7 and the smokestack foundation. No trucks hauled soil or demo debris today. Bodine hauled 3 loads (15,000 gallons) of water from frac tanks offsite to PDC for disposal. The laborers pumped 15,000 gallons from the sump into onsite frac tanks. The PSC crew is sampling in the canal this week.

Wednesday - March 4th

Both excavators continued breaking concrete at the deep sump below the building in Phase 7 and the smokestack foundation. The excavators also used buckets to stockpile material and expose more concrete on the structures they are breaking. No trucks hauled soil or demo debris today. Bodine hauled 4 loads (20,000 gallons) of water from frac tanks offsite to PDC for disposal. The laborers pumped 13,000 gallons from the sump into onsite frac tanks. The PSC crew completed this phase of sampling in the canal and left the site.

Thursday - March 5th:

Both excavators continued breaking concrete at the deep sump below the building in Phase 7 and the smokestack foundation. No trucks hauled soil or demo debris today. Site preparations were made for the berm clearing subcontractor.

Friday - March 6th:

Both excavators stockpiled soil for loading trucks on Monday. Concrete breaking was completed yesterday. No trucks hauled soil or demo debris today. Bodine hauled 2 loads (10,000 gallons) of water from frac tanks offsite to PDC for disposal. The laborers pumped 20,000 gallons from the sump into onsite frac tanks.

Saturday - March 7th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Partly cloudy and cold on Monday, with temperatures up to 29 degrees. Some wintry mix on Tuesday morning, with temperatures warming to 39 degrees. Colder Wednesday with a high of 21 degrees. Clear and high of 15 degrees Thursday. Friday was partly sunny and warmed to 31 degrees.

H&S Issues/Other: Discussed the following topics: Safety Habbits, Life is for Living, and Backing Equipment Fire Prevention. No recordable accidents or incidents occurred.

Out of Scope Items:

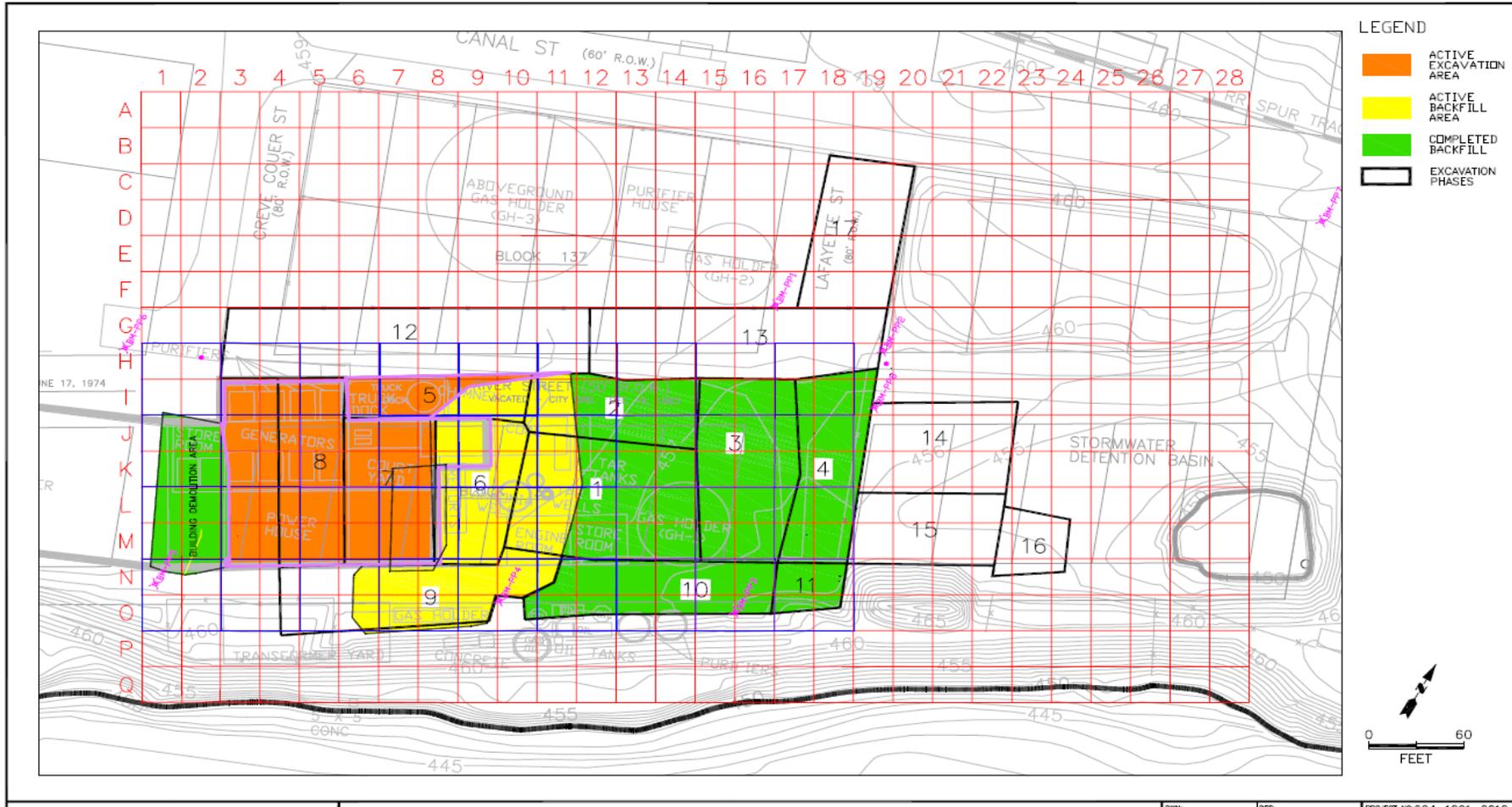
None



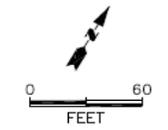
Remediation Footprint and Excavation Progress Map Ameren LaSalle Former MGP - Soil Removal Action

Period: February 23 through March 1, 2015 (Week 76)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012



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



PROJECT NO. 624-1202-0012



Period: March 2 through 8, 2015 (Week 77)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending March 7, 2015**

Developments During Reporting Period

Activities Performed

- Time-integrated air samples were collected from March 2nd to March 5th and March 5th to March 8th. Samples collected on March 5th were picked up by STAT on March 5th. Samples collected on March 8th are expected to be picked up by STAT on March 9th.
- 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 (PM₁₀) 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 February 24th were reported via email on March 10th. Analytical results to date for benzene, PM₁₀ 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

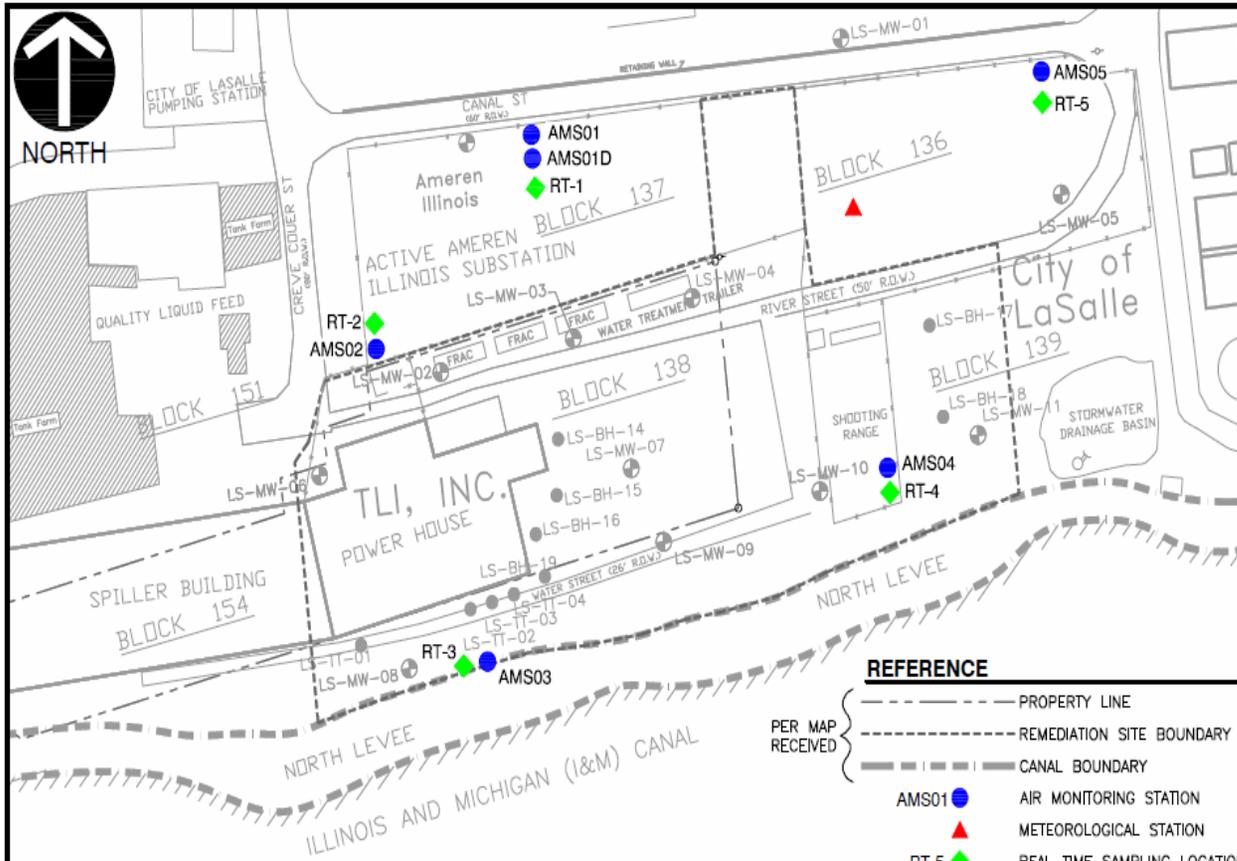
- Real-time monitoring continuing during remedial activities.
- Conduct time-integrated sampling during intrusive activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results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

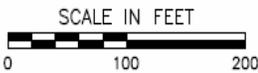
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REFERENCE

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



REFERENCE

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

<p>Civil & Environmental Consultants, Inc. 4848 Park 370 Blvd., Suite F - Hazelwood, MO 63042 314-656-4566 · 866-250-3679 www.cecinc.com</p>		<p>AMEREN FORMER LASALLE MGP SITE LASALLE, IL</p>	
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: March 2 through 8, 2015 (Week 77)
Completed By: Jeff Adams

PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

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

Prior Total: This Period: Total To Date:

1.30	0.02	1.32
33.25	1.02	34.27

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

14,762.11	0.00	14,762.11	0	0
53,255.26	0.00	53,255.26	120,000*	0
0.00	0.00	0.00	0	0
68,017.37	0.00	68,017.37	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
143.40	0.00	143.40	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

Stone Backfill Subtotal

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

43,903.55	0.00	43,903.55	0	0
888.79	0.00	888.79	0	0
6,181.97	0.00	6,181.97	0	0
0.00	0.00	0.00	0	0
50,974.31	0.00	50,974.31	0	0

Treated Wastewater:

Discharged to PDC (gallons)

1,284,600	65,000	1,349,600	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

0	0	0	0	0	
0	0	0	0	0	



Looking west at excavator removing ice from sump prior to pumping water.



Looking northwest and down at bottom of existing sump. Multiple wooden piers are visible in the current excavation floor.



Looking south at excavator removing material from around concrete vault so we can use hyd. hammers on it.



Looking west at sub-basement vault and deeper sump in southeast corner of Phase 7.

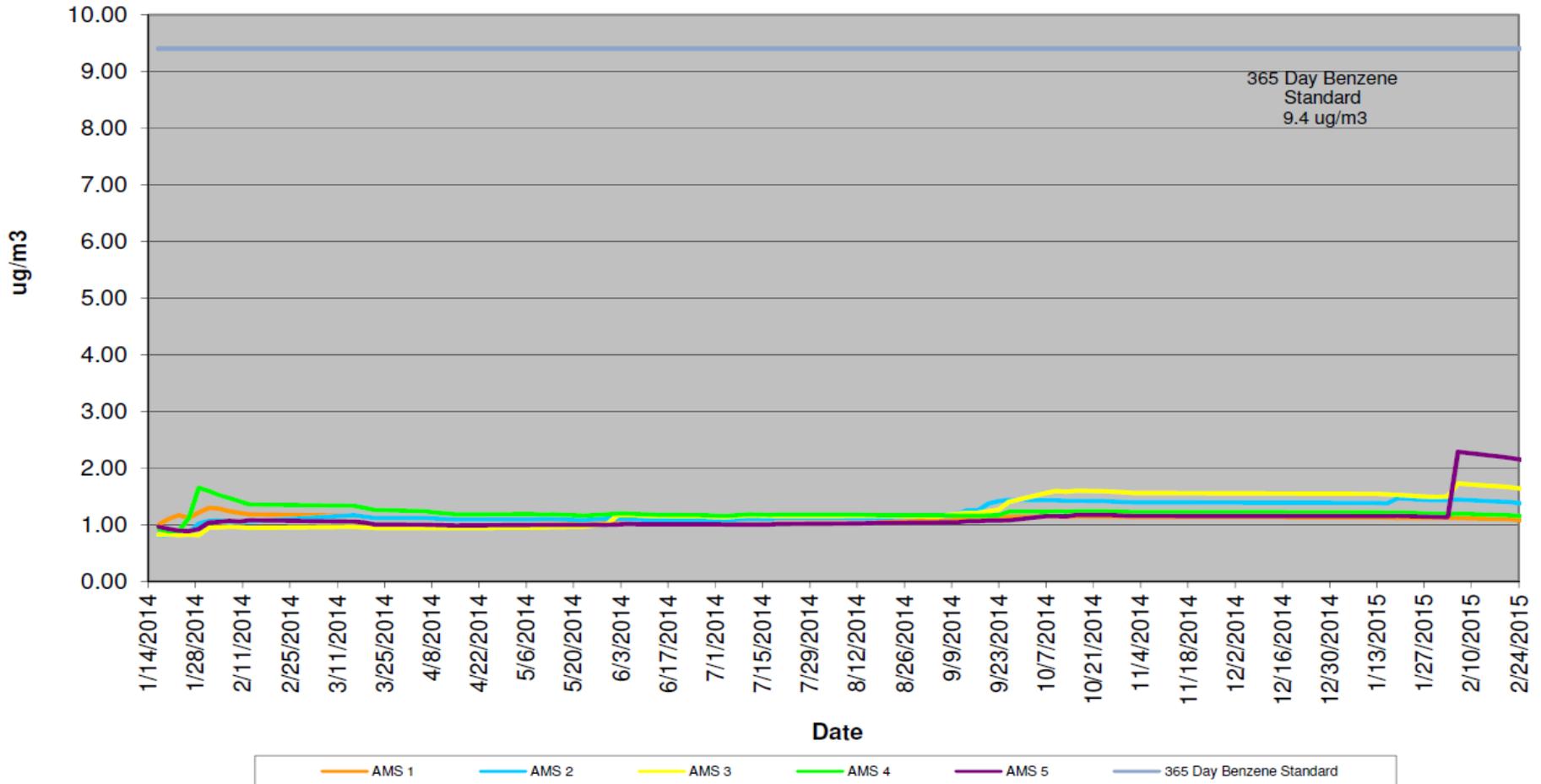


Looking North in Phase 7 into Phase 5, at the 10 foot thick, concrete, smoke stack foundation partially removed.

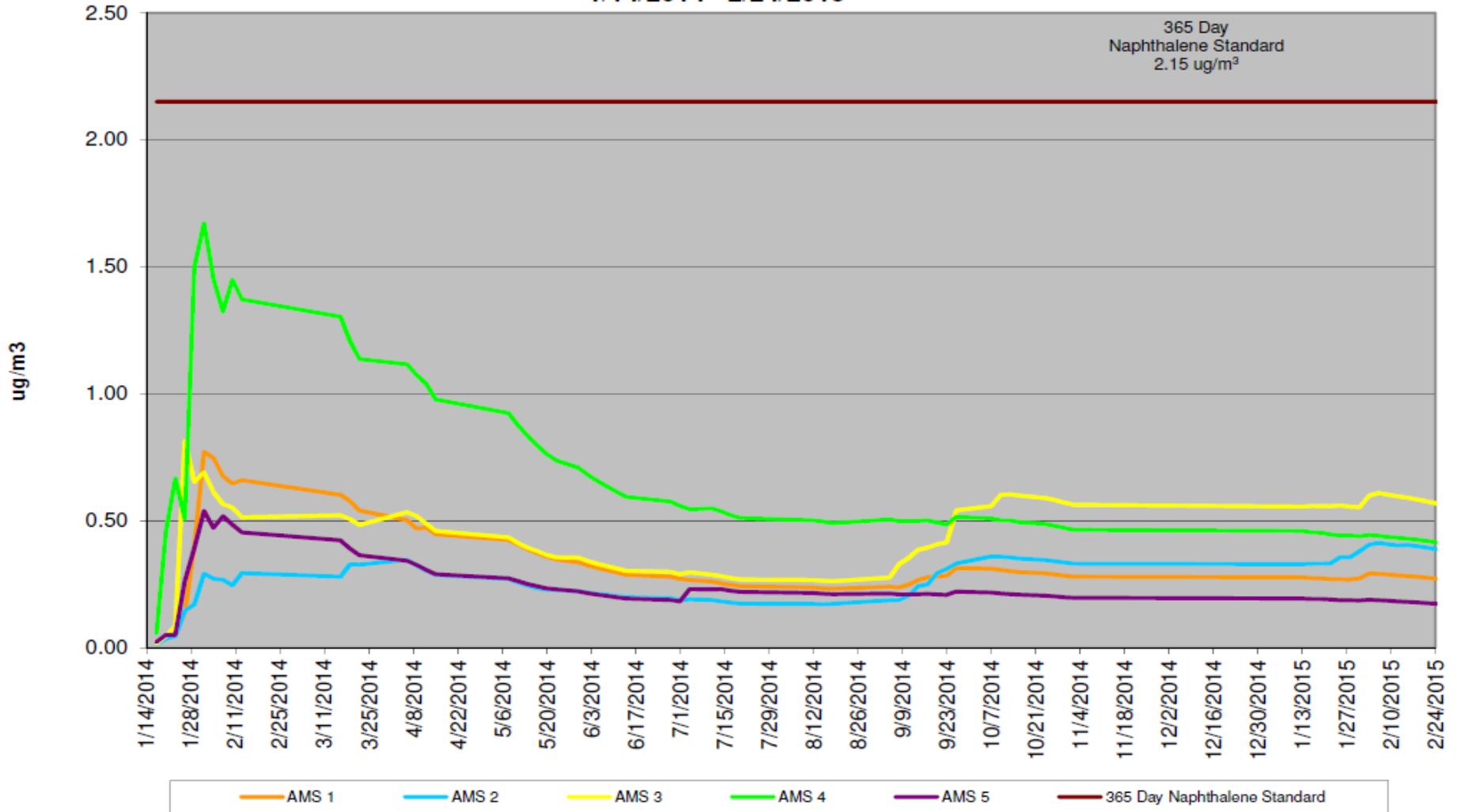


Looking southwest at excavator cleaning out the lower excavation after hammering out the subbasement vault.

Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 2/24/2015



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 2/24/2015



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 2/24/2015

