



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

Period: September 8 through 14, 2014 (Week 52)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation activities, completing backfill of the Phase 11 excavation, and continuing excavation in Phases 5 & 6. The sketch on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 3,561.82 tons of Construction Debris (0 tons this week) and 36,006.37 tons of Non-Source Material (3,274.61 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 35,083.54 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 58.54 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 3,000 gallons of water removed from the excavation are currently containerized, while approximately 538,300 gallons (15,000 this week) have been hauled offsite for disposal.

Monday - September 8th:

Placed additional clean stone on of Phase #11 from stockpiles. Continued excavation in Phase #5 and #6. QLF removed 2 loads from the basement; there was no pumping from the lagoon. Respirators were necessary for the operators due to elevated levels of VOCs. Approximately 4,000 gallons of water was pumped from the excavation into storage.

Tuesday - September 9th:

Continued excavation in Phase #5 and #6. QLF removed 2 loads from the basement; there was no pumping from the lagoon. Bodine hauled 10,000 gallons of wastewater offsite to PDC from frac tanks. Approximately 2,000 gallons of water was pumped from the excavation into storage.

Wednesday - September 10th

Continued excavation in Phase #5 and #6. QLF removed 2 loads from the basement; there was no pumping from the lagoon. Bodine hauled 10,000 gallons of wastewater offsite from frac tanks. Approximately 2,000 gallons of water was pumped from the excavation into storage. Rain and wet conditions slowed the haul trucks at the landfill. 3 loads of screenings were brought in to improve access to the canal. Sewer contractors were onsite to look at work to be completed.

Thursday - September 11th:

Continued excavation in Phase #5 and #6. QLF removed 9 loads from the basement; there was no pumping from the lagoon. Bodine hauled 5,000 gallons of wastewater offsite from frac tanks. Approximately 2,000 gallons of water was pumped from the excavation into storage.

Friday - September 12th

Continued excavation in Phase #5 and #6. QLF removed 6 loads from the basement; there was no pumping from the lagoon. Approximately 1,000 gallons of water was pumped from the excavation into storage. PSC broke a new hole into the building floor to allow access into the basement for QLF to pump and haul water. Rain for Rent removed one frac tank from the site.

Saturday - September 13th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Week began rainy, warm and humid, and ended with cool and dry with high temperatures from the 80s to the 50s.

H&S Issues/Other: Discussed hand tool inspection, accident factors, heavy equipment, and general safety. No recordable accidents or incidents occurred.

Out of Scope Items:

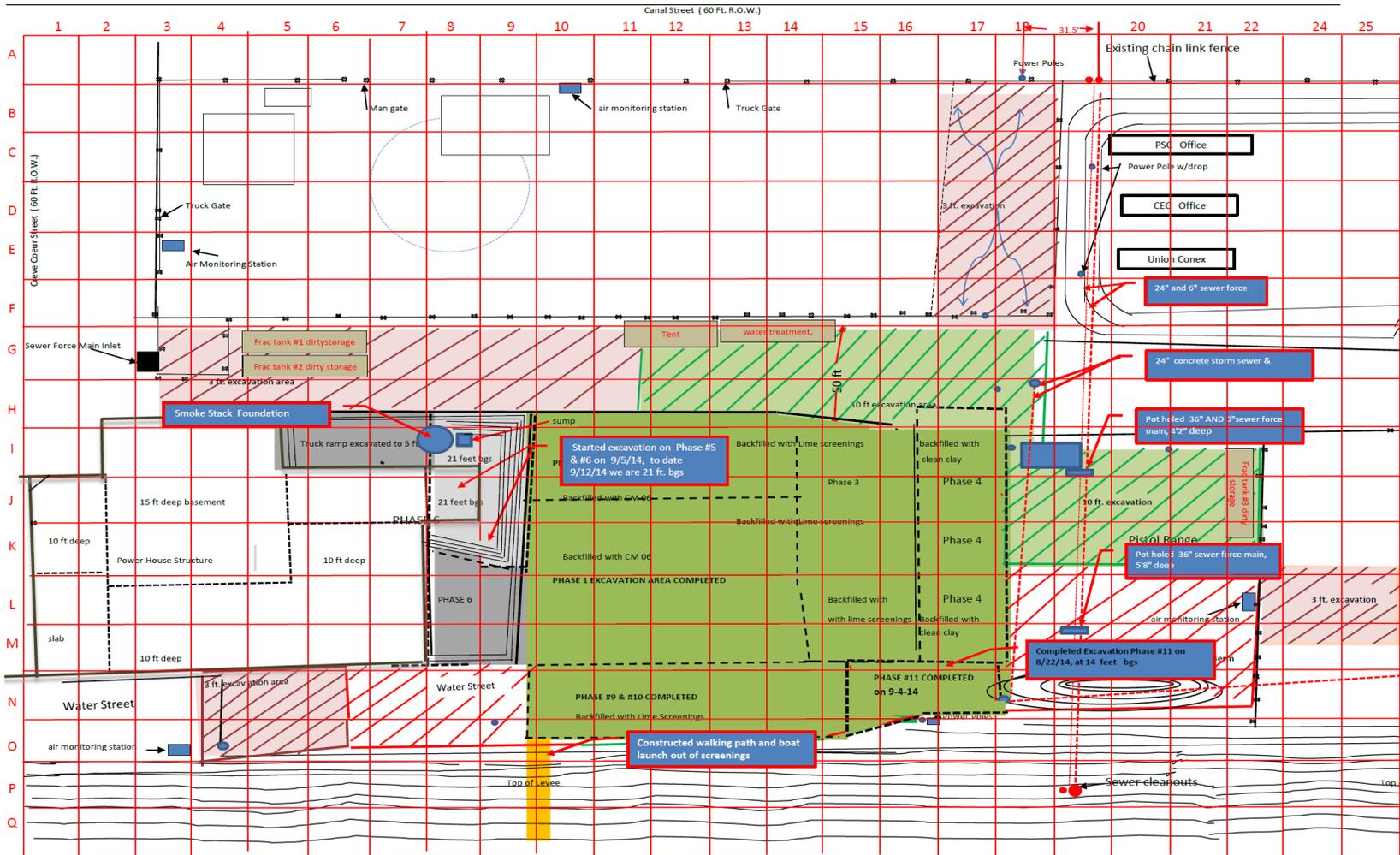
None



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

Period: September 8 through 14, 2014 (Week 52)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012



Illinois Michigan Canal



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

Period: September 8 through 14, 2014 (Week 52)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending September 13, 2014**

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was conducted from September 5th thru September 8th and the samples were picked up by STAT on September 9th. Sampling was also conducted September 8th thru September 11th and the samples were picked up by STAT on September 11th. Sampling was conducted from September 11th thru September 14th. Samples are expected to be picked up by STAT on September 16th.
- 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 August 21st have been received and presented in the updated preliminary time-integrated results provided on September 8th. 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

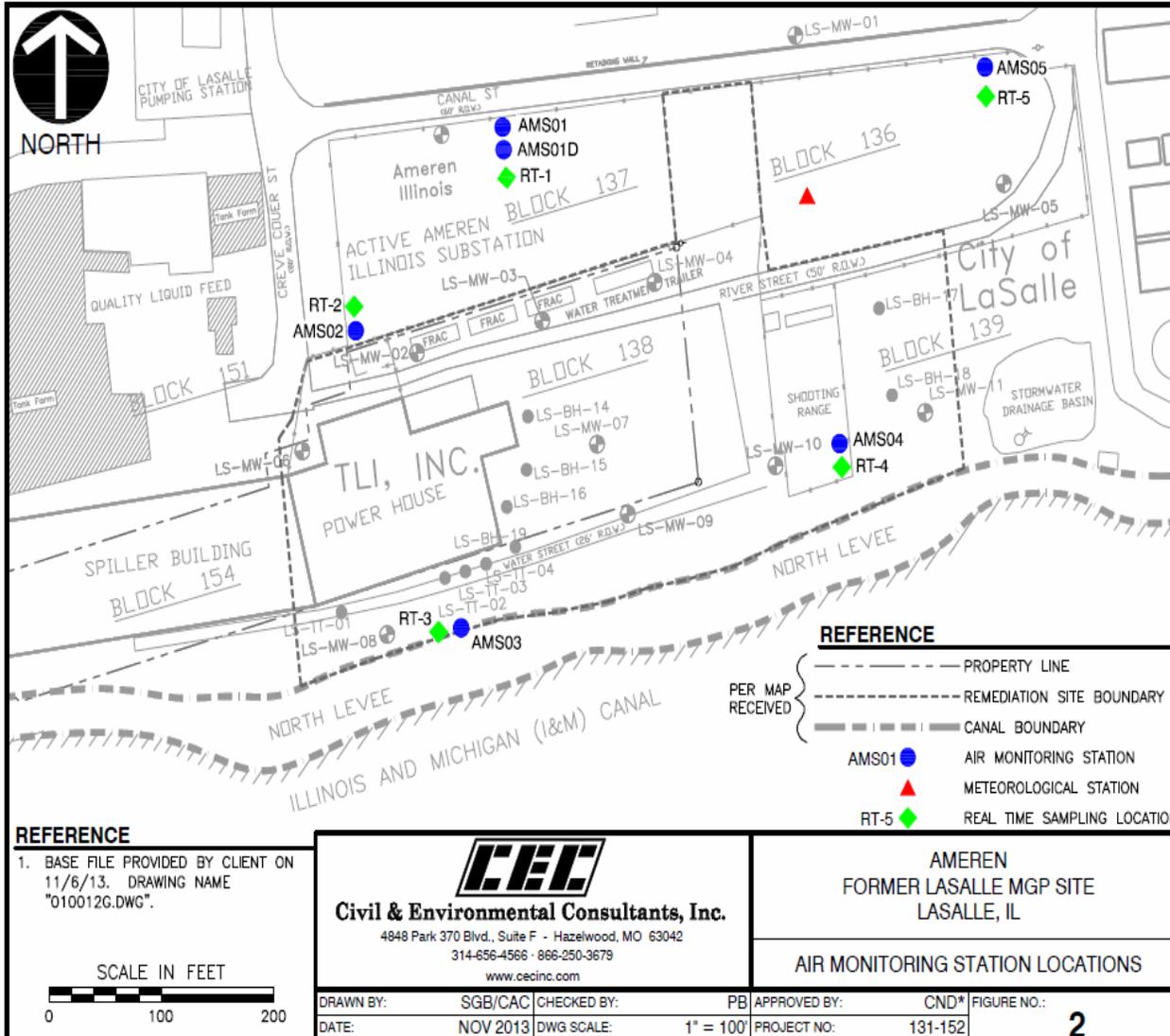
- Continue to perform time-integrated sampling at the site until intrusive activities cease.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation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



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

Period: September 8 through 14, 2014 (Week 52)
 Completed By: Jeff Adams

PSC Project Number 624-1202-0012





**Project Milestones Summary Report
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Period: September 8 through 14, 2014 (Week 52)
Completed By: Jeff Adams

PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
Snowfall (inches)

Prior Total: This Period: Total To Date:

33.87	0.00	35.07
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	0.00	3,561.82	0	0
32,731.76	3,274.61	36,006.37	120,000*	0
0.00	0.00	0.00	0	0
36,293.58	3,274.61	39,568.19	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
17,410.54	58.54	17,469.08		
2,380.86	0.00	2,380.86	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

35,025.00	58.54	35,083.54	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
39,309.56	58.54	39,368.10	0	0

Treated Wastewater:

Discharged to PDC (gallons)

513,300	25,000	538,300	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	3	4	4	4	
Requested	4	4	4	4	4	



Heavy staining and molasses in groundwater entering excavation in Phase #6.



Heavy staining near bottom of underground Ammonia tank in Phase #6.



Blending material from area around tar well with impacted soil for offsite disposal.



Close up of concrete walls of the ammonia tank, looking southeast.

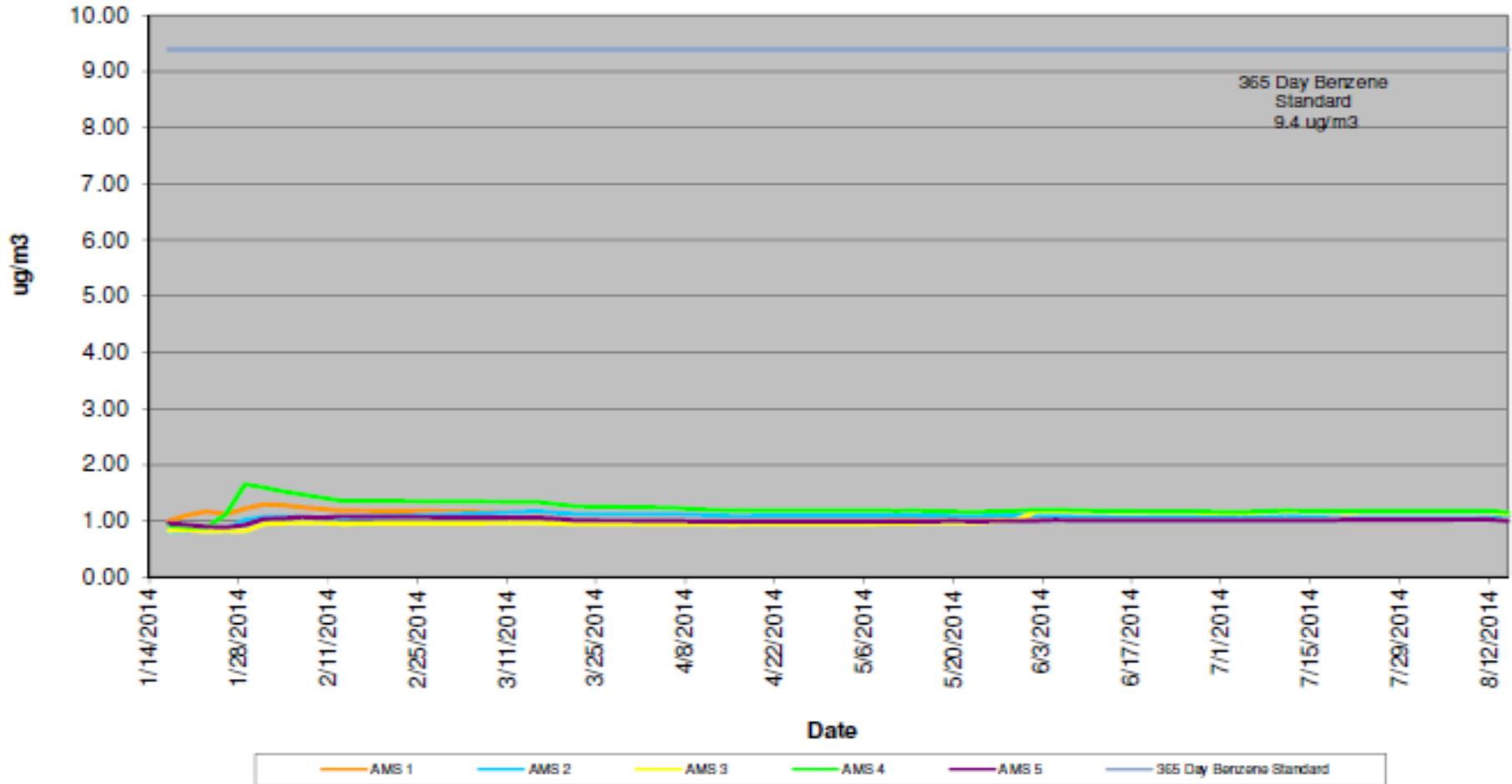


Heavy staining observed below the building foundation on the west wall of Phase #5

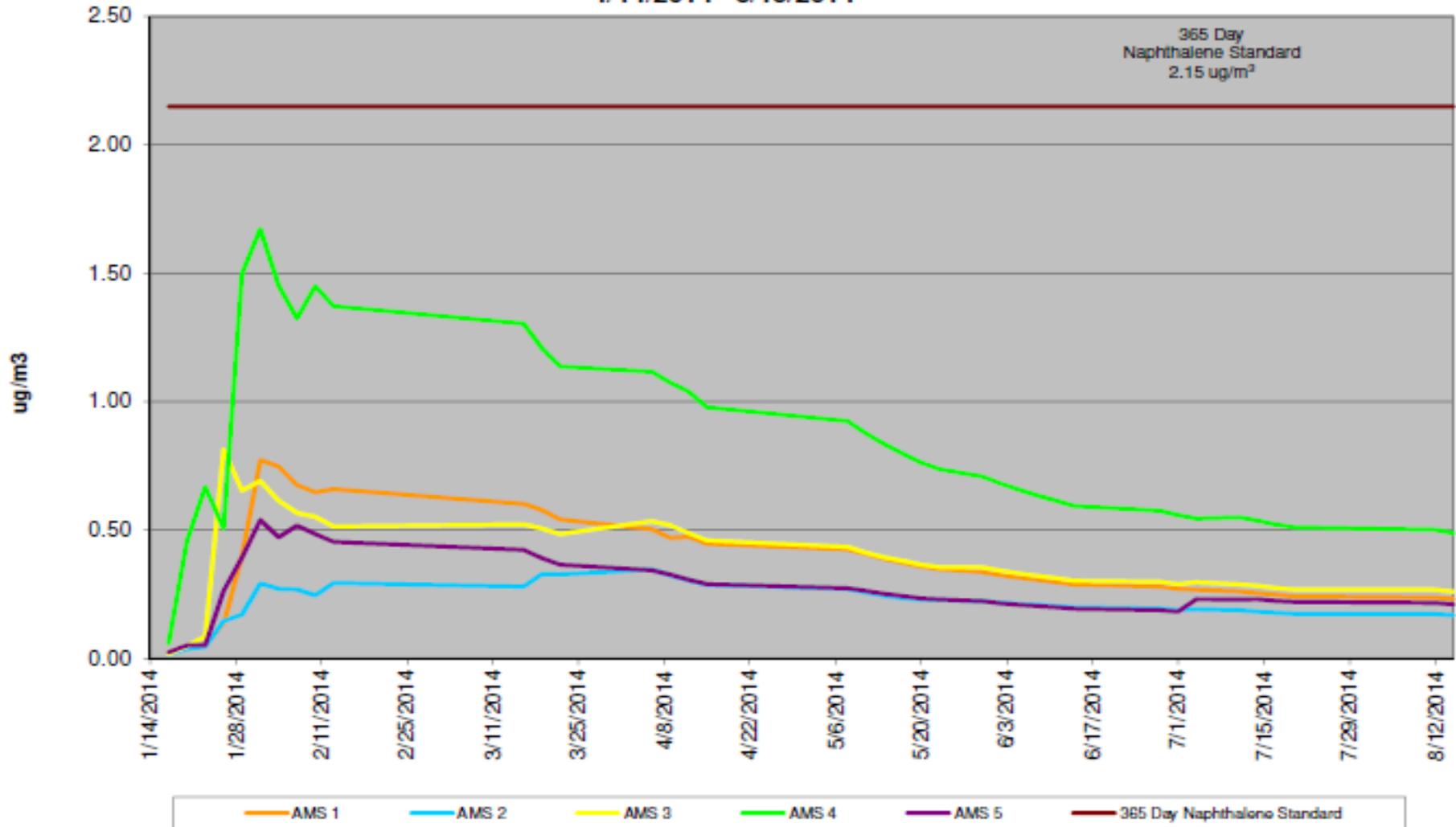


Heavy staining below the smoke stack foundation (approximately 20' below grade)

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 8/15/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 8/15/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 8/15/2014

