



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

Period: July 14 - July 20, 2014 (Week 44)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation activities, including the excavation and disposal of impacted materials from Phases 9 and 10. 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 28,317.65 tons of Non-Source Material (2,082.47 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 23,202.36 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, 471.90 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 35,000 gallons of water removed from the excavation are currently containerized, while approximately 379,000 gallons (55,000 this week) have been hauled offsite for disposal.

Monday - July 14th:

Continued excavating and loading impacted soil from the Phase 9 & 10 areas. Approximately 15,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and continued pumping water from the stormwater basin into the WWTP. Utility locators on Site to mark area where Ameren will install new guide wires for power pole. Mike D. of PSC performed a Site SWPPP inspection.

Tuesday - July 15th:

Continued excavating and loading impacted soil from the Phase 9 & 10 areas. Approximately 15,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 5,000 gallons (1 truck load) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and continued pumping water from the stormwater basin into the WWTP. Jeff A. and Brad R. of PSC were on Site for a visit and to observe the excavation of investigative slot trenches along the canal berm. Three samples (LS-O14-TP(8), LS-O11-TP(10), & LS-O11-TP(12)) were collected from the trenches.

Wednesday - July 16th:

Continued excavating and loading impacted soil from the Phase 9 & 10 areas. Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and continued pumping water from the stormwater basin into the WWTP. Ameren on Site to mark locations of new guide wires for power pole.

Thursday - July 17th:

Completed excavating and loading impacted soil from the Phase 9 & 10 areas, and began excavating in Phase 1 in search of 2" water line with suspected leak. Approximately 10,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal, but ammonia levels in stormwater basin were too high to pump water to the WWTP. Three confirmation samples (LS-N11-F(16), LS-O13-F(14), & LS-O13-F(14)-2) were collected from the excavation floor.

Friday - July 18th:

Continued excavating in Phase 1 in search of 2" water line with suspected leak. Approximately 15,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 20,000 gallons (4 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out one load (~5,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and continued attempts to lower the ammonia level of the stormwater basin by aeration. Ameren on Site to install new guide wires for power pole. Sample collected of water entering Phase 1 sump and analyzed by the WWTP to see if it is city water from a leaking pipe.

Saturday - July 19th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly sunny with some clouds and rain and high temperatures in the 60s & 70s.

H&S Issues/Other: Safety basics, eye safety, and avoiding risky behavior. No recordable accidents or incidents occurred.

Out of Scope Items:

None



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

Period: July 14 - July 20, 2014 (Week 44)

PSC Project Number

624-1202-0012

Completed By: Chris Dawdy

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was conducted from July 14th through July 17th and July 17th to July 20th.
- The samples collected on July 17th and July 20th were picked up by STAT on July 21st, 2014.
- 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).

Sampling Problems Encountered

- None

Real-time Air Quality Exceedances Detected

- None

Time-integrated Analytical Data Received

- The time-integrated sampling results have been updated to include sampling results through July 1, 2014. 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

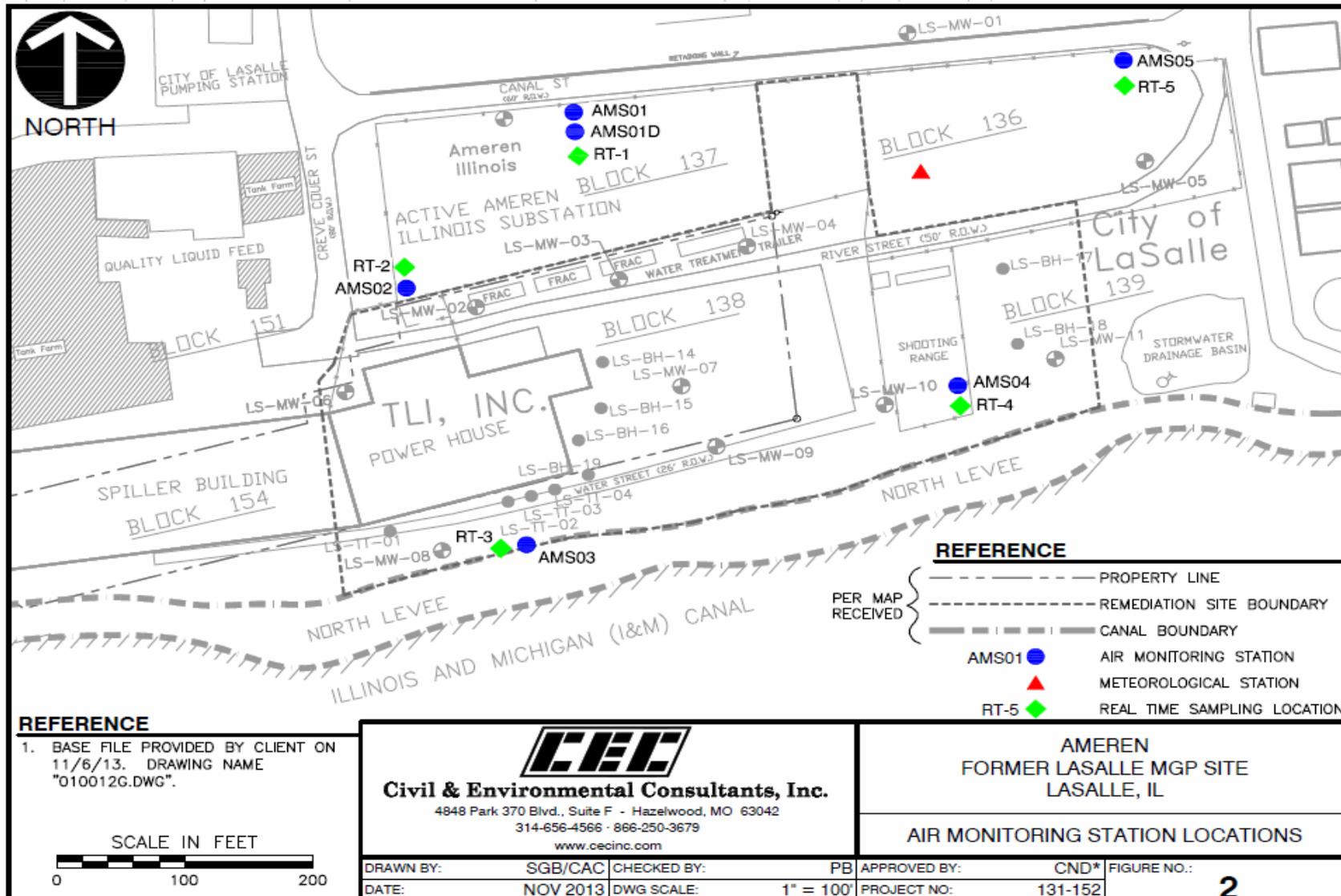
Activities to be Performed

- Continue to perform time-integrated sampling at the site 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

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

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Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
Snowfall (inches)

Prior Total: This Period: Total To Date:

27.92	1.20	29.12
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
26,235.18	2,082.47	28,317.65	120,000*	0
0.00	0.00	0.00	0	0
29,797.00	2,082.47	31,879.47	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)

15,056.95	0.00	15,056.95	0	0
6,284.06	0.00	6,284.06		
1,861.35	0.00	1,861.35	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

23,202.36	0.00	23,202.36	0	0
471.90	0.00	471.90	0	0
3,768.71	0.00	3,768.71	0	0
0.00	0.00	0.00	0	0
27,442.97	0.00	27,442.97	0	0

Treated Wastewater:

Discharged to PDC (gallons)

324,000	55,000	379,000	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

4	4	4	4	2	
4	4	4	4	2	



View of excavation progress in Phases 9 & 10; facing south.



Excavating a slot trench in the southeast corner of Phase 10; facing southwest.



View of the current water level in the stormwater basin; facing northeast.



View of Site excavation condition and activities; facing southeast.

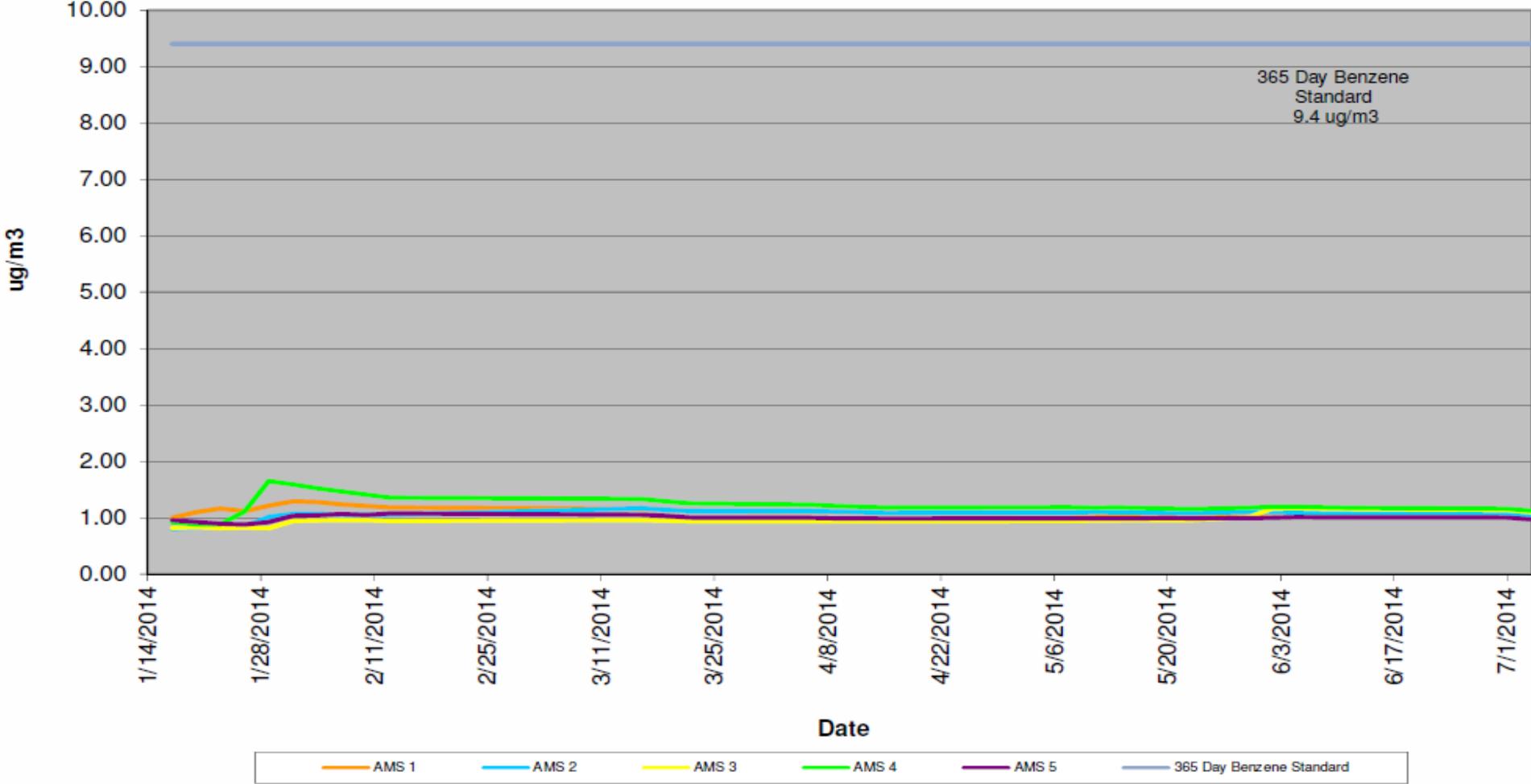


View of the northern portion of the basement, showing the current level of the ammonia-impacted water; facing west.

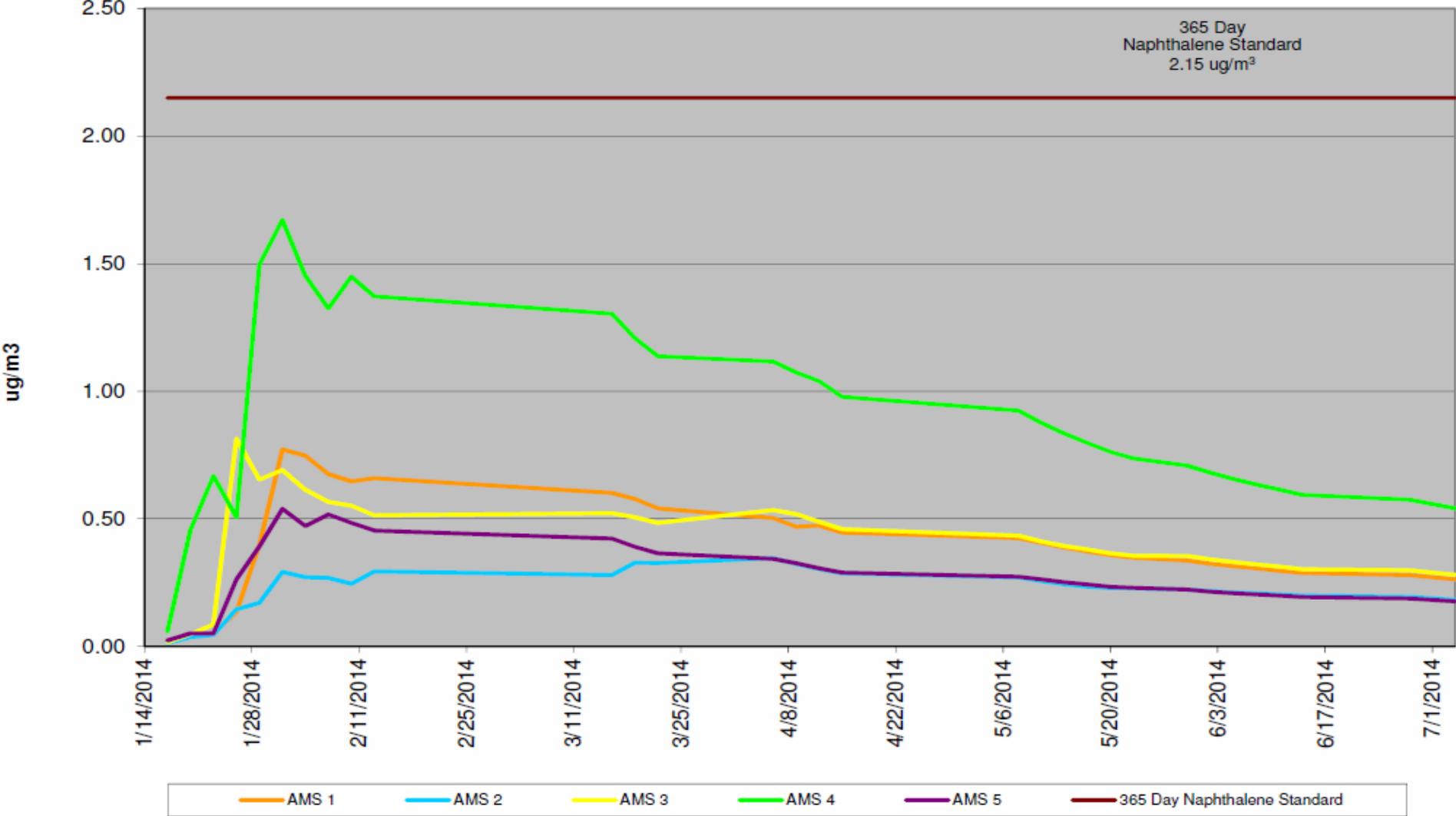


View of the completed excavation of Phases 9 & 10; facing east.

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 7/4/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 7/4/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 7/4/2014

