



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

Period: June 16 - June 22, 2014 (Week 40)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation activities, including backfilling of the Phase 4 excavation. 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 23,881.09 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 3,768.71 tons of clay (3,478.71 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 4,000 gallons of water removed from the excavation are currently containerized, while approximately 149,000 gallons (9,000 this week) have been hauled offsite for disposal.

Monday - June 16th:

Continue backfilling and compaction of the Phase 4 excavation with clay soil from LandComp Landfill, and continue breaking concrete slabs along the canal berm. Performed two lifts today (Lifts 3 & 4); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Approximately 9,000 gallons (2 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. Approximately 1,000 gallons of impacted water were pumped from the Phase 5 excavation into frac tanks. QLF hauled out one load (~5,000 gallons) of ammonia-impacted water from the basement for offsite disposal. Ed B. and Mike F. of PSC visit backfill source to inspect & verify its viability. PSC worked with Midwest to get the EDG and Proctor calibrated to the new backfill material.

Tuesday - June 17th:

Continue backfilling and compaction of the Phase 4 excavation with clay soil from LandComp Landfill, and continue breaking concrete slabs along the canal berm. Performed one lift today (Lift #5); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). QLF hauled out one load (~5,000 gallons) of ammonia-impacted water from the basement for offsite disposal. Two lined roll-off dumpsters were delivered to the Site for disposal of stockpiled ACM pipes. Began adding water to backfill soil upon dumping to increase the moisture content.

Wednesday - June 18th:

Continue backfilling and compaction of the Phase 4 excavation with clay soil from LandComp Landfill, and continue breaking concrete slabs along the canal berm. Performed two lifts today (Lifts 6 & 7); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Approximately 1,000 gallons of impacted water were pumped from the Phase 5 excavation into frac tanks. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal. Two roll-off dumpsters were delivered to the Site for disposal of ACM pipes.

Thursday - June 19th:

Continue backfilling and compaction of the Phase 4 excavation with clay soil from LandComp Landfill, and continue breaking concrete slabs along the canal berm. Performed one lift today (Lift #8); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal. Spray Services personnel (2) on Site to oversee the loading of ACM piping into roll-offs for disposal. Ameren personnel (Brian Martin, Warren Mueller, and Bud Chamblin) on Site for visit.

Friday - June 20th:

Continue backfilling and compaction of the Phase 4 excavation with clay soil from LandComp Landfill, and continue breaking concrete slabs along the canal berm. Performed two lifts today (Lifts 9 & 10); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal. Republic Services truck picked up the roll-offs containing the ACM piping for transport and disposal.

Saturday - June 21st:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly sunny and warm with periods of rain and thunderstorms and high temperatures in the 80s and 90s.
H&S Issues/Other: Heat stress, staying fit for duty, and protecting public health & safety. No recordable accidents or incidents occurred.

Out of Scope Items:

None



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

Period: June 16 - June 22, 2014 (Week 40)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

Developments During Reporting Period

Activities Performed

- Time-integrated sampling has been discontinued until excavation activities resume.
- The samples collected on June 14th were picked up by STAT on June 17th, 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 June 8, 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

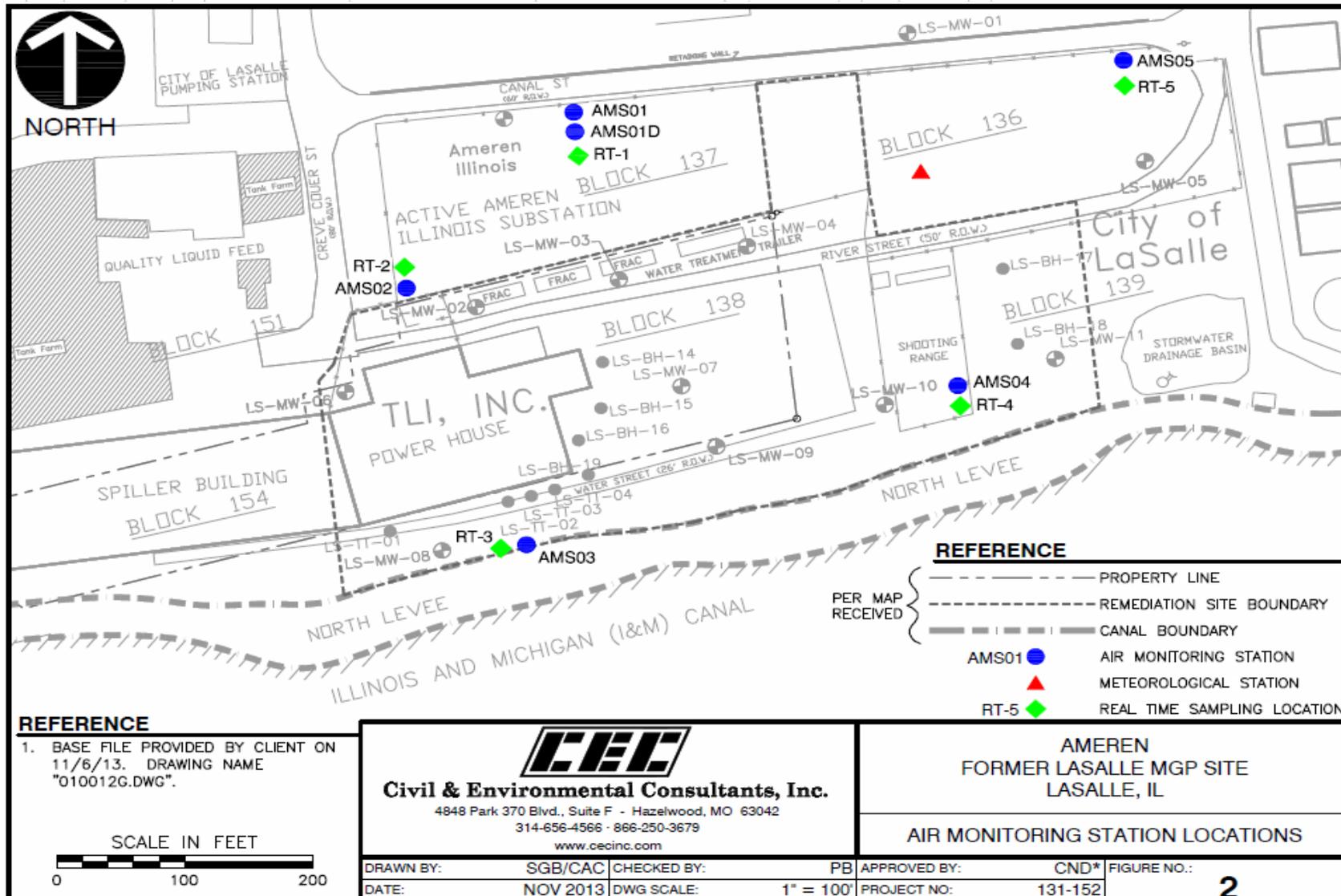
Activities to be Performed

- 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

Period: June 16 - June 22, 2014 (Week 40)
 Completed By: Jeff Adams

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

Period: June 16 - June 22, 2014 (Week 40)
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PSC Project Number

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Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
 Snowfall (inches)

	Prior Total:	This Period:	Total To Date:
Rainfall (inches)	21.52	0.90	22.42
Snowfall (inches)	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

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
Construction & Demolition Debris-Republic (tons)	3,561.82	0.00	3,561.82	0	0
MGP Impacted Soil (Non Source)-Republic (tons)	23,881.09	0.00	23,881.09	120,000*	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	27,442.91	0.00	27,442.91	0	0

Add. Solid Waste Material:

Clean Brick-Canon Pit (loads)
 Asbestos Containing Material (ACM)-Republic (tons)
 Scrap Material (loads)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
Clean Brick-Canon Pit (loads)	111.00	0.00	111.00	0	0
Asbestos Containing Material (ACM)-Republic (tons)	1,240.00	0.00	1,240.00	0	0
Scrap Material (loads)	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)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
CM-06, 1-Inch Minus (tons)	15,056.95	0.00	15,056.95	0	0
Lime Screenings (tons)	6,284.06	0.00	6,284.06		
CS-02, 2 to 3-Inch Clean Stone (tons)	1,861.35	0.00	1,861.35	0	0
2-Inch Clean Stone (tons)	0.00	0.00	0.00	0	0
1 1/2-Inch Rock (tons)	0.00	0.00	0.00	0	0
Stone Backfill Subtotal	23,202.36	0.00	23,202.36	0	0
CA-7, 1-Inch Clean Stone (tons)	471.90	0.00	471.90	0	0
Clean soil backfill (tons)	290.00	3,478.71	3,768.71	0	0
Top Soil (cubic yard)	0.00	0.00	0.00	0	0
TOTAL	23,964.26	3,478.71	27,442.97	0	0

Stone Backfill Subtotal

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

Treated Wastewater:

Discharged to PDC (gallons)

	Prior Total:	This Period:	Total To Date:	Original:	Revised:
Discharged to PDC (gallons)	140,000	9,000	149,000	0	0

* MGP Impacted Soil volume is data presented in the site investigation report.

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

Actually Received
 Requested

	Monday	Tuesday	Wednesday	Thursday	Friday	Issues
Actually Received	4	3	3	4	4	
Requested	4	3	3	4	4	



Placing the first lift of clay backfill (Lift #3) in the Phase 4 excavation; facing south.



Calibrating the nuclear density gauge and EDG to the new clay backfill material.



Compacting backfill Lift #6 in Phase 4; facing southwest.



Loading ACM piping into roll-off dumpsters for offsite disposal; facing southwest.

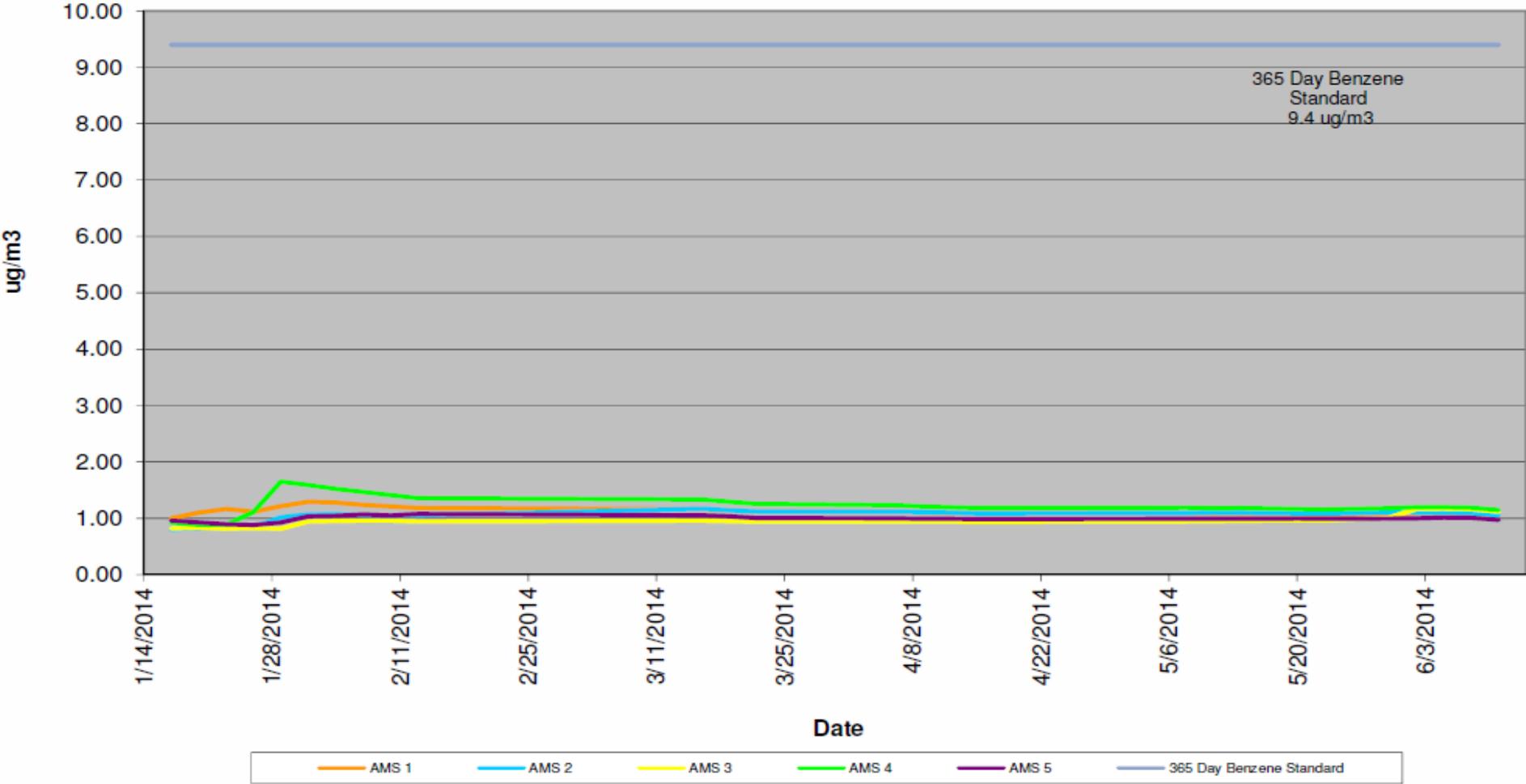


Republic Services truck picking up roll-off loaded with ACM piping for offsite disposal; facing east.

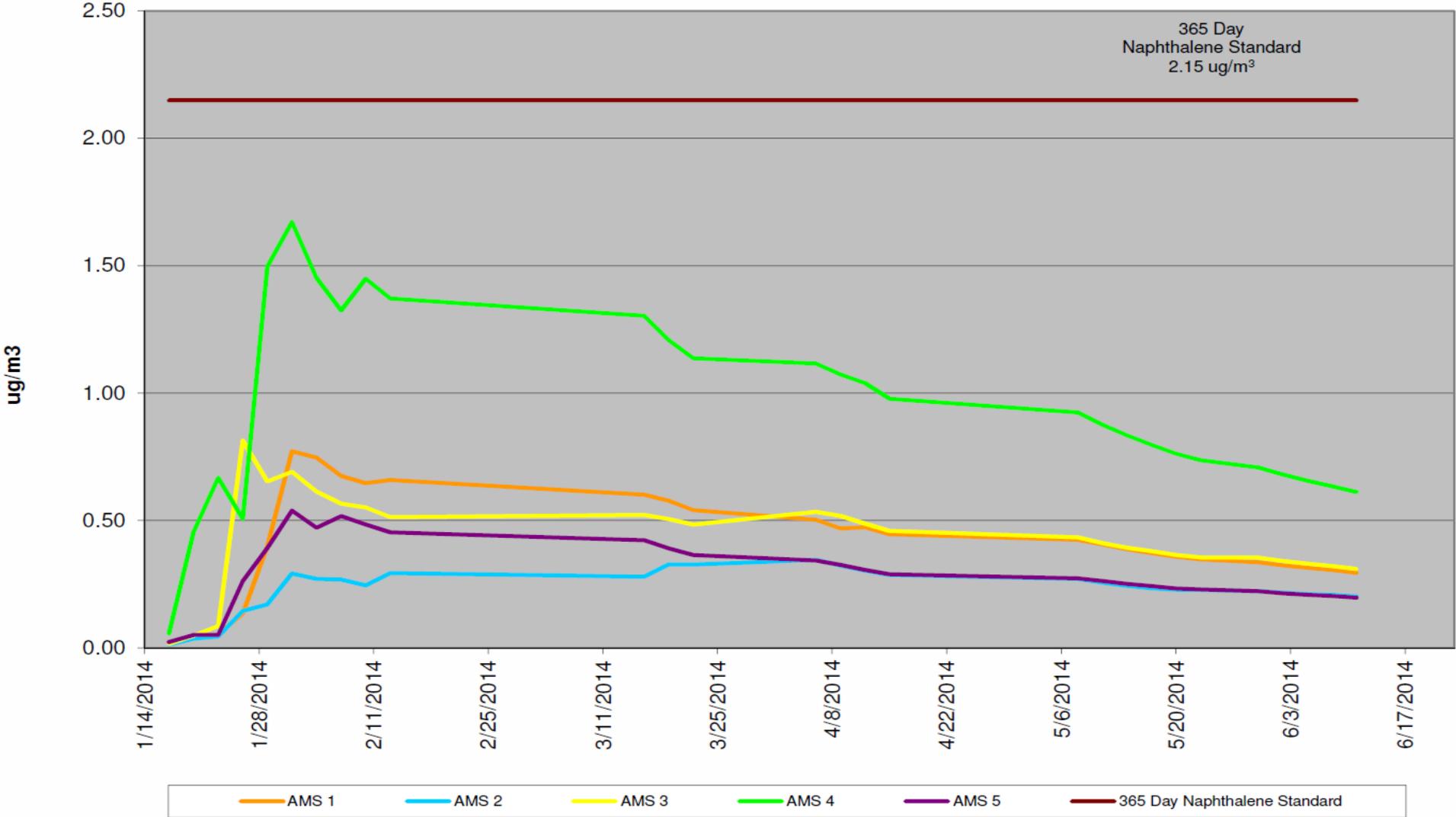


View of backfill progress in Phase 4 at the end of the week; facing southeast.

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 6/11/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 6/11/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 6/11/2014

