



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

Period: June 09 - June 15, 2014 (Week 39)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation in the Phase 4 area, including the completion of excavation activities and the beginning of backfill activities. 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 (1,290.23 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 290 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; 736.99 tons this week) have been hauled onsite to use as backfill material. In addition, 471.90 tons of clean one-inch stone (43.92 tons this week) have been brought in to address the haul roads and parking areas. Approximately 8,000 gallons of water removed from the excavation are currently containerized, while approximately 140,000 gallons (70,000 this week) have been hauled offsite for disposal.

Monday - June 9th:

Excavators continue excavating and loading impacted soil from the Phase 4 area, and continue breaking concrete slabs along the canal berm. Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. Approximately 20,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tanks. QLF says they might start pumping water from the basement as early as tomorrow. Five pallets of con-cover material were delivered to the Site. Matt Masterson from KEG called to say he will visit Site this Thursday to look at revising the excavation plan.

Tuesday - June 10th:

Excavators continue excavating and loading impacted soil from the Phase 4 area, and continue breaking concrete slabs along the canal berm. Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. Approximately 20,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tanks. One confirmation sample (FL-10-J18 (17)) was collected from the excavation floor. QLF set up a pump into the basement and hauled out one load (~5,000 gallons) for offsite disposal.

Wednesday - June 11th:

Excavators finish excavating and loading impacted soil from the Phase 4 area and begin backfilling with rock from LaFarge's Utica Quarry; also continue breaking concrete slabs along the canal berm. Approximately 20,000 gallons (4 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. Approximately 25,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tanks. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal. One confirmation sample (FL-11-L18 (17)) was collected from the excavation floor.

Thursday - June 12th:

Continue backfilling and compaction of the Phase 4 excavation with rock from LaFarge's Utica Quarry, and continue breaking concrete slabs along the canal berm. Approximately 20,000 gallons (4 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. Approximately 15,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tanks. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal. Matt Masterson from KEG on Site for a visit.

Friday - June 13th:

Continue backfilling and compaction of the Phase 4 excavation with lime screenings stockpiled on Site, and continue breaking concrete slabs along the canal berm. Performed two lifts today (Lifts 1 & 2); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. Approximately 6,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tanks. QLF hauled out several more loads of ammonia-impacted water from the basement for offsite disposal. Midwest is on Site to abandon three on-Site monitoring wells (MW-8,9,10).

Saturday - June 14th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly cloudy with some sun and periods of rain and thunderstorms and high temperatures in the 70s and 80s.

H&S Issues/Other: Near misses, listening safety, and proper incident reporting. 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 09 - June 15, 2014 (Week 39)

PSC Project Number

624-1202-0012

Completed By: Chris Dawdy

**LaSalle MGP Air Monitoring Progress Report
Week Ending June 14, 2014**

Developments During Reporting Period*Activities Performed*

- Time-integrated sampling was conducted from June 8th through June 11th and June 11th thru June 14th, 2014. Time-integrated sampling has been discontinued until excavation activities resume.
- The samples collected on June 11th were picked up by STAT on June 12th. The samples collected on June 14th are expected to be 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 that have updated to include sampling results through May 30th, 2014 and have previously been distributed. 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.

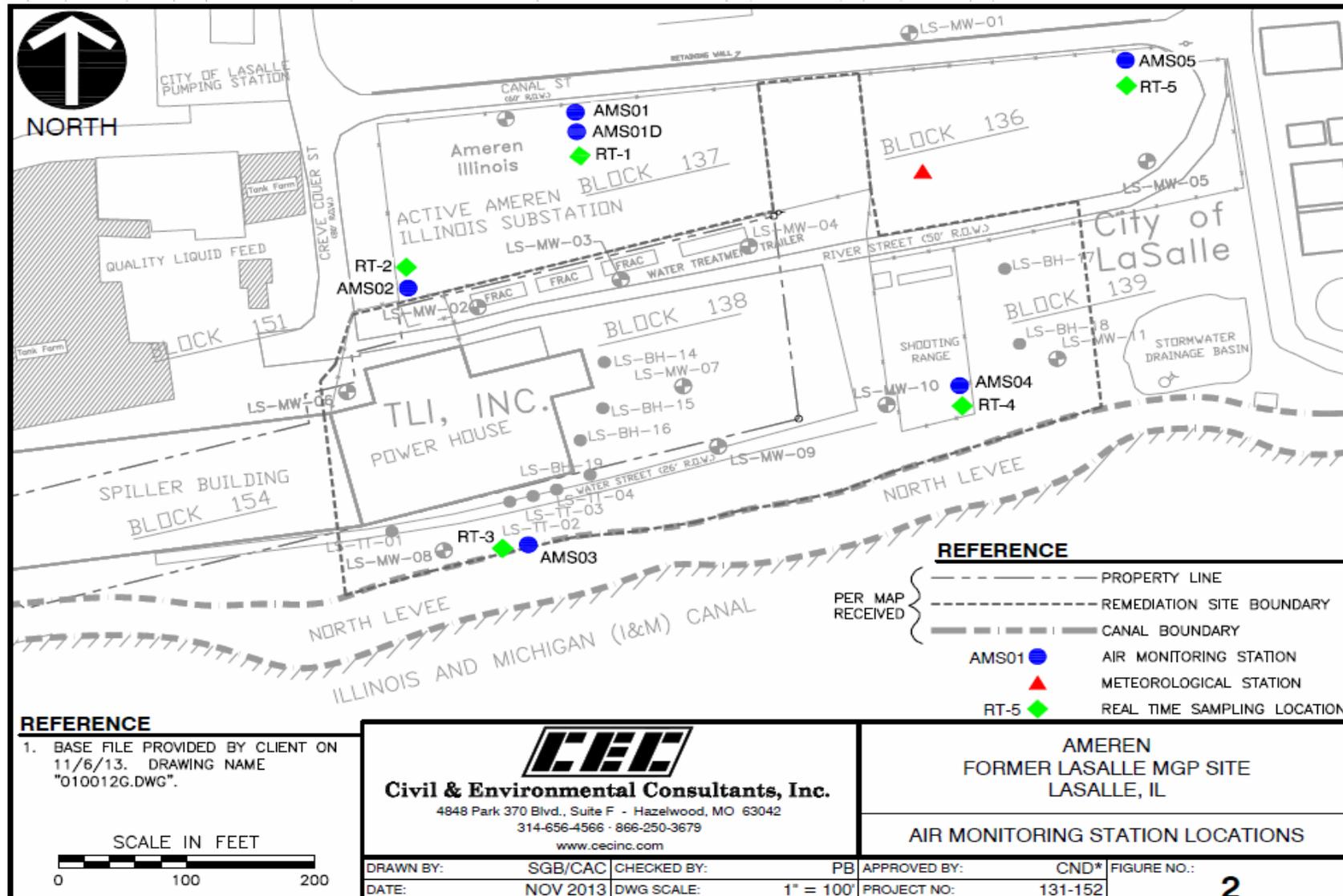
Developments Anticipated During Next Reporting Period*Activities to be Performed*

- Air monitoring station 3 is being relocated 10-20 feet east to accommodate excavation activities planned in this area.
- 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:

19.92	1.60	21.52
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
22,590.86	1,290.23	23,881.09	120,000*	0
0.00	0.00	0.00	0	0
26,152.68	1,290.23	27,442.91	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)

15,056.95	0.00	15,056.95	0	0
6,284.06	0.00	6,284.06		
1,124.36	736.99	1,861.35	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	0	0
22,465.37	736.99	23,202.36	0	0
427.98	43.92	471.90	0	0
290.00	0.00	290.00	0	0
0.00	0.00	0.00	0	0
23,183.35	780.91	23,964.26	0	0

Stone Backfill Subtotal

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

22,465.37	736.99	23,202.36	0	0
427.98	43.92	471.90	0	0
290.00	0.00	290.00	0	0
0.00	0.00	0.00	0	0
23,183.35	780.91	23,964.26	0	0

Treated Wastewater:

Discharged to PDC (gallons)

70,000	70,000	140,000	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	5	5	1	
4	4	5	5	1	



A view of rain and groundwater that had accumulated in the bottom of the excavation over the weekend and had to be pumped out.



Accepting delivery of five pallets of con-cover material; facing northeast.



Quality Liquid Feeds (QLF) pumping the first load of ammonia-impacted water from the basement for offsite disposal; facing north.



Accepting delivery of clean 3-inch rock backfill used to bridge over the soft bottom of the Phase 4 excavation; facing southwest.

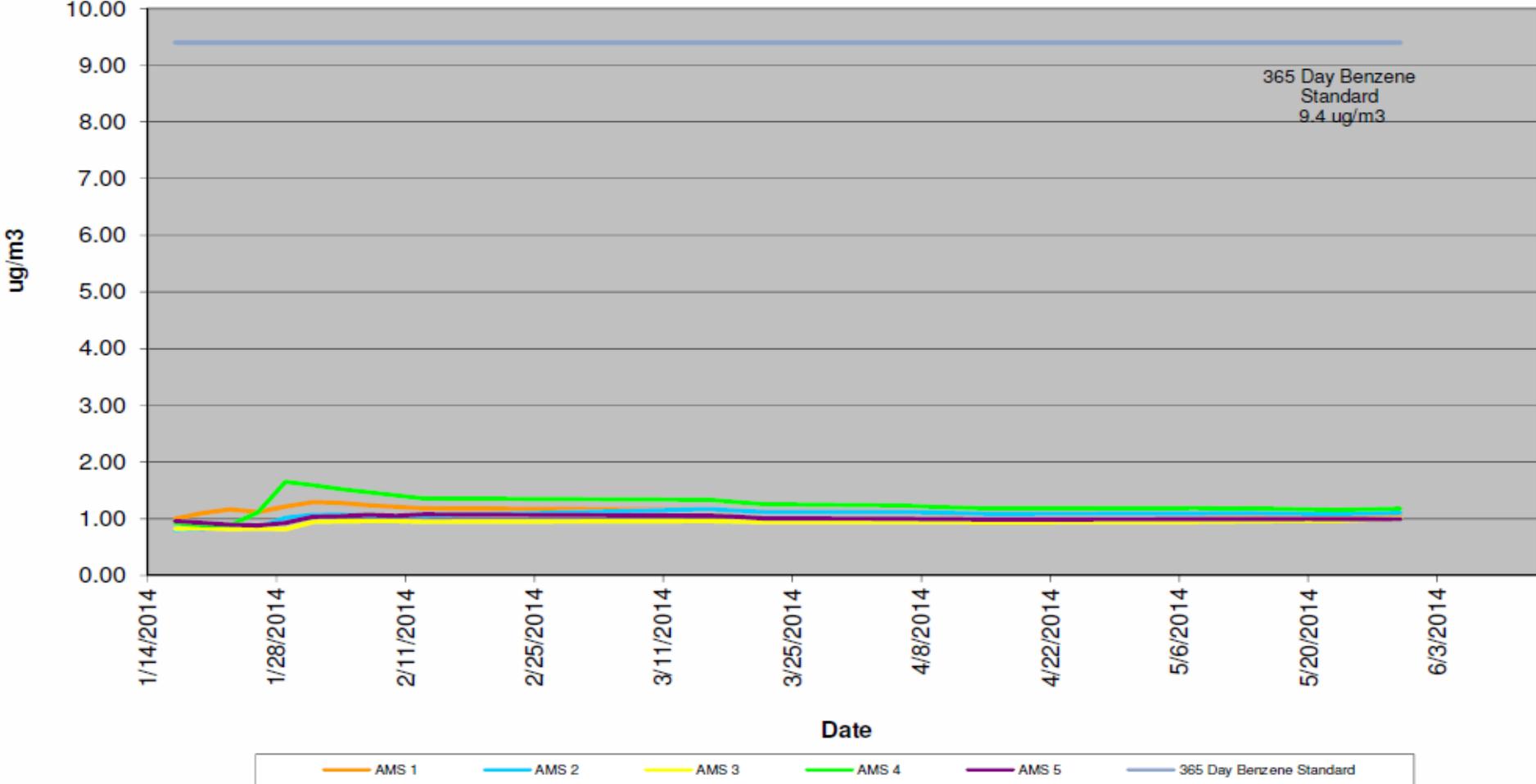


Plugging and abandoning monitoring well MW-8.

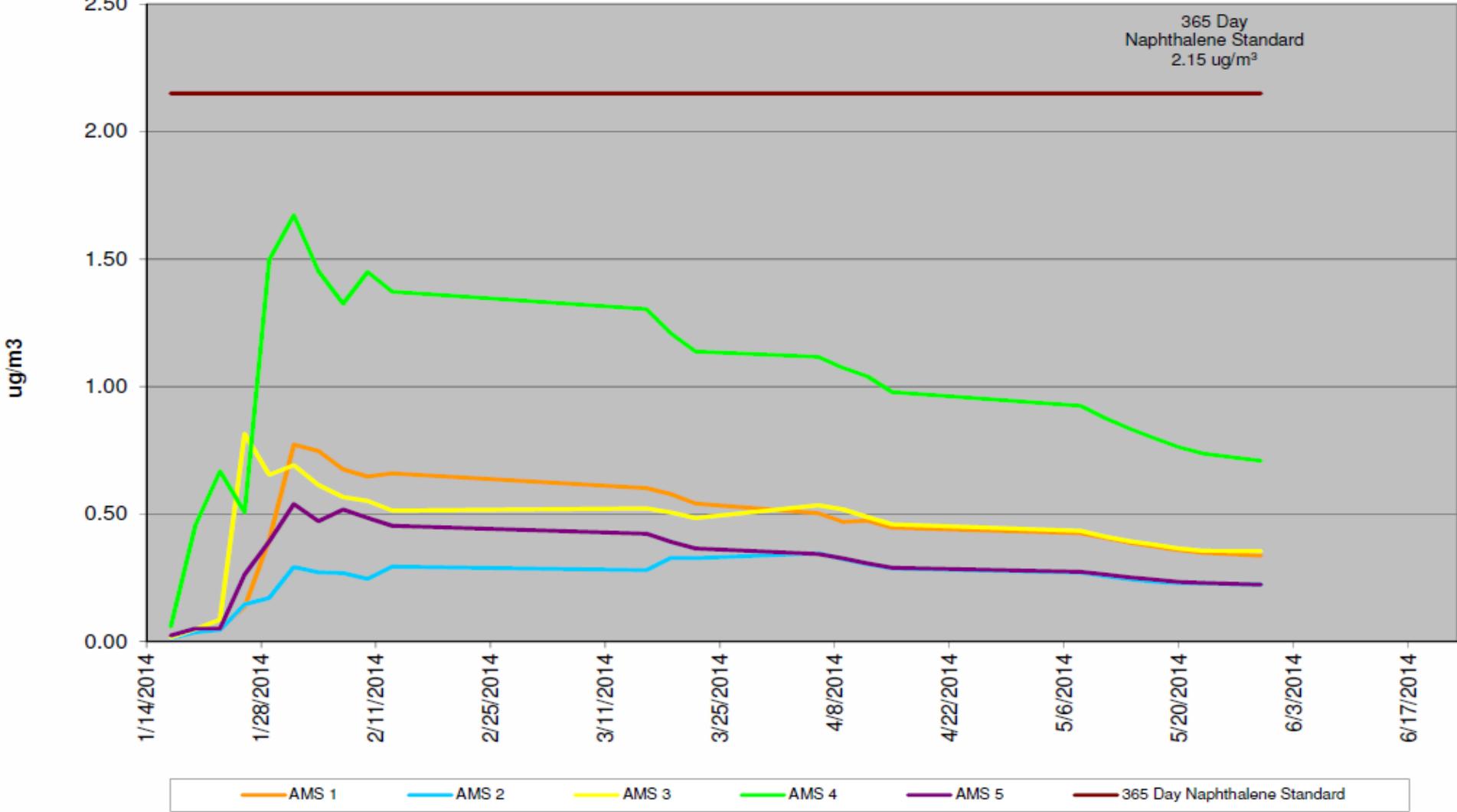


A view of the backfill progress in Phase 4 at the end of the week; facing southwest.

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 5/30/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 5/30/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 5/30/2014

