



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

Period: July 07 - July 13, 2014 (Week 43)
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 26,235.18 tons of Non-Source Material (2,354.09 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 25,000 gallons of water removed from the excavation are currently containerized, while approximately 324,000 gallons (75,000 this week) have been hauled offsite for disposal.

Monday - July 7th:

Began attempts to plug and remove 12" stormwater sewer line along canal berm. Approximately 20,000 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 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.

Tuesday - July 8th:

Began excavating and loading impacted soil from the Phase 9 & 10 areas, and continue excavating stormwater sewer line along canal berm. 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 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.

Wednesday - July 9th:

Continued excavating and loading impacted soil from the Phase 9 & 10 areas; excavators uncovered many old pipes with heavy impacts underneath. Approximately 5,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 15,000 gallons (3 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.

Thursday - July 10th:

Continued excavating and loading impacted soil from the Phase 9 & 10 areas. Approximately 5,000 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. Ed B. and Mike D. of PSC visited Republic's LandComp Landfill to look at a new potential backfill source area.

Friday - July 11th:

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 one load (~5,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and continued pumping water from the stormwater basin into the WWTP. The water in the stormwater basin reached its lowest level since last November. Ed B. and Mike D. of PSC visited Republic's LandComp Landfill again to collect a test pit sample from a new potential backfill source area.

Saturday - July 12th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly sunny with some clouds and rain and high temperatures in the 70s & 80s.
H&S Issues/Other: Cuts & burns, fueling & static, and good safety habits. 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 07 - July 13, 2014 (Week 43)

PSC Project Number

624-1202-0012

Completed By: Chris Dawdy

Developments During Reporting Period

Activities Performed

- Time-integrated sampling resumed on July 8th as excavation activities resumed.
- Time-integrated sampling was conducted from July 8th through July 11th and July 11th to July 14th.
- The samples collected on July 11th and July 14th are scheduled to be picked up by STAT on July 15th, 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 11, 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

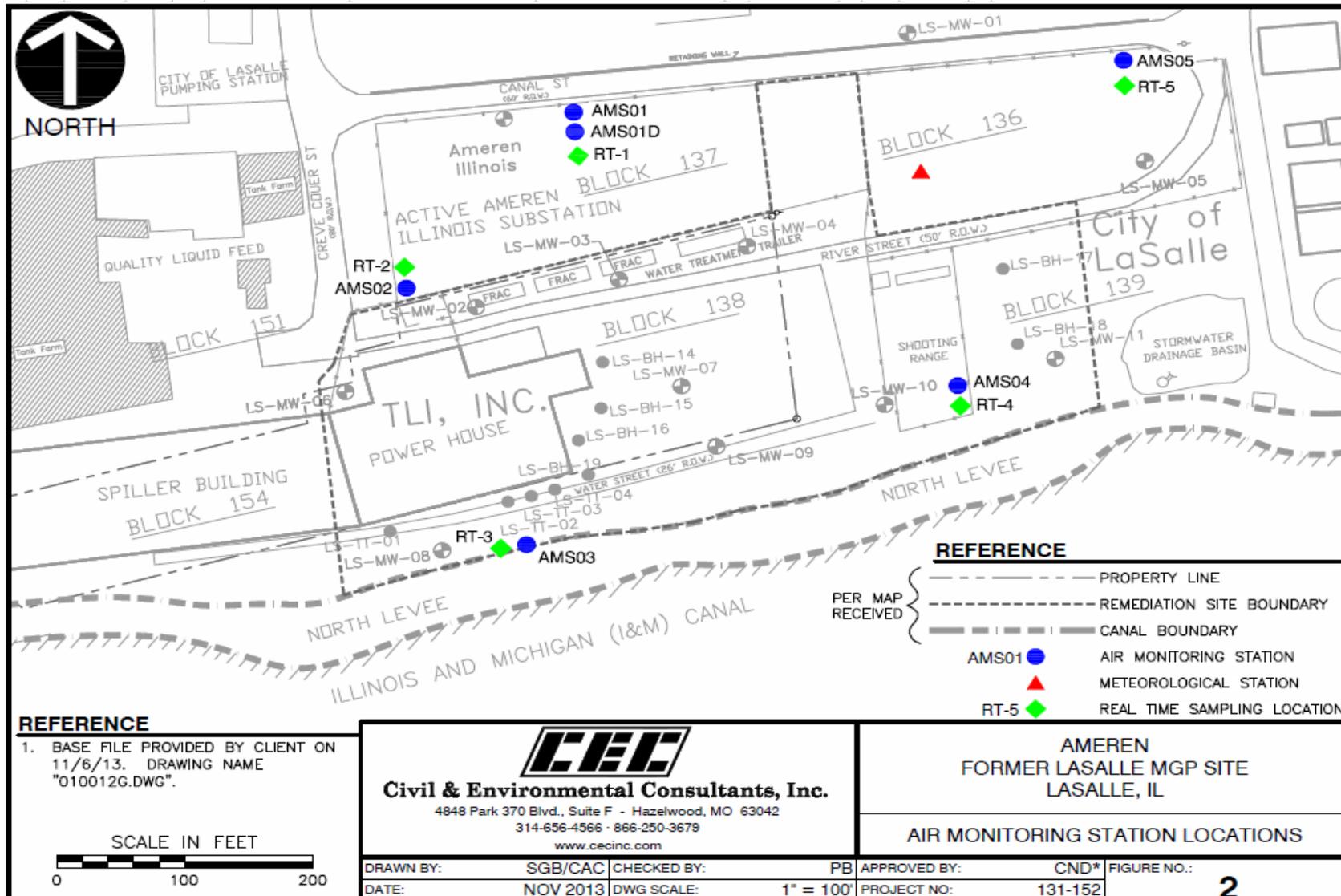
Activities to be Performed

- 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:

27.67	0.25	27.92
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
23,881.09	2,354.09	26,235.18	120,000*	0
0.00	0.00	0.00	0	0
27,442.91	2,354.09	29,797.00	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
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

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)

249,000	75,000	324,000	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

2	5	5	4	4	
2	6	5	4	4	



Excavator removing a 12" concrete storm sewer pipe south of Phase 1; facing southwest.



Excavator removing old product lines along the canal berm in Phase 10; facing southwest.



View of water accumulated in the Phase 5 excavation; facing northwest.



View of stormwater basin being pumped down, now within its banks; facing west.

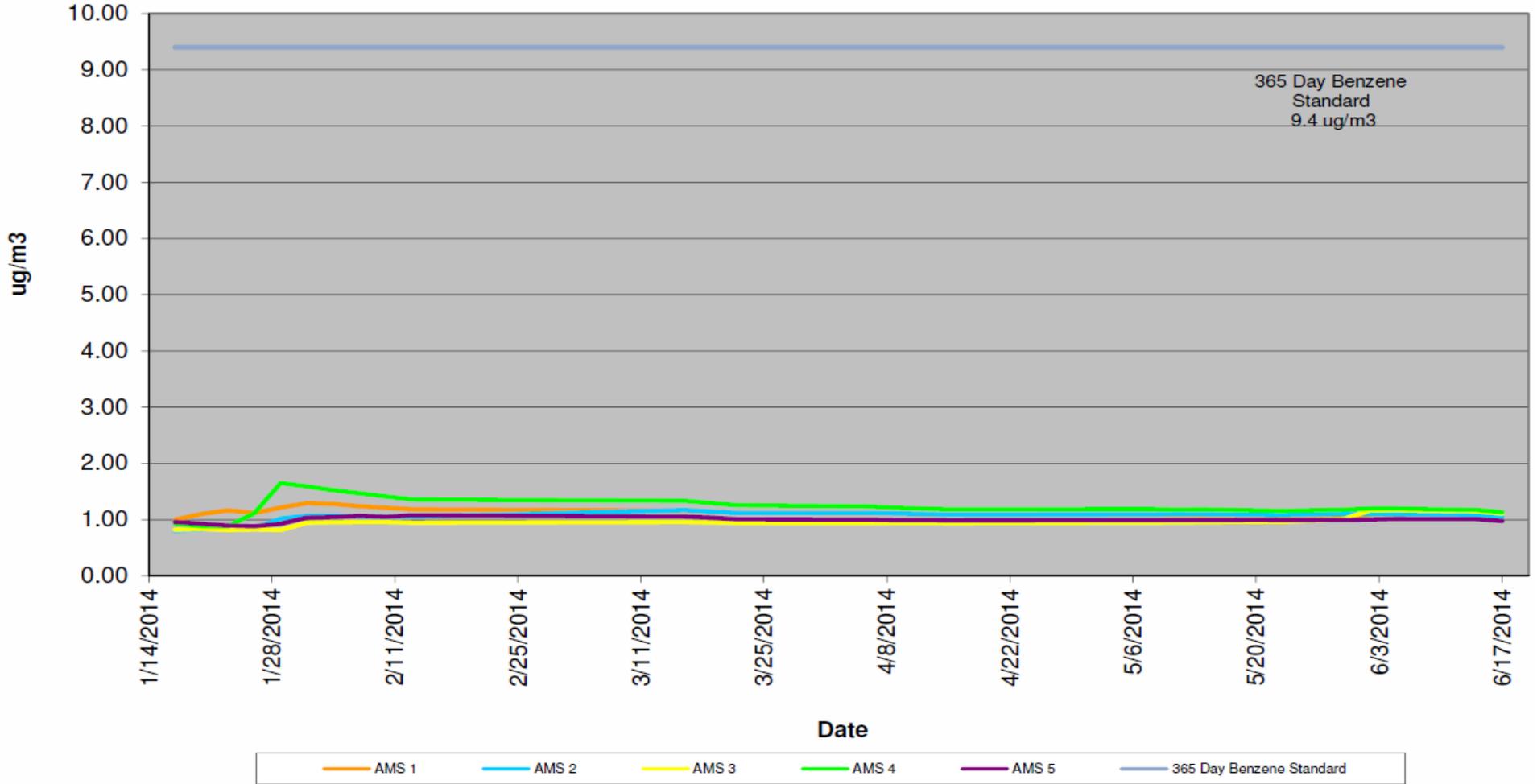


View of new potential backfill source borrow area and test pits at the Republic LandComp Landfill.

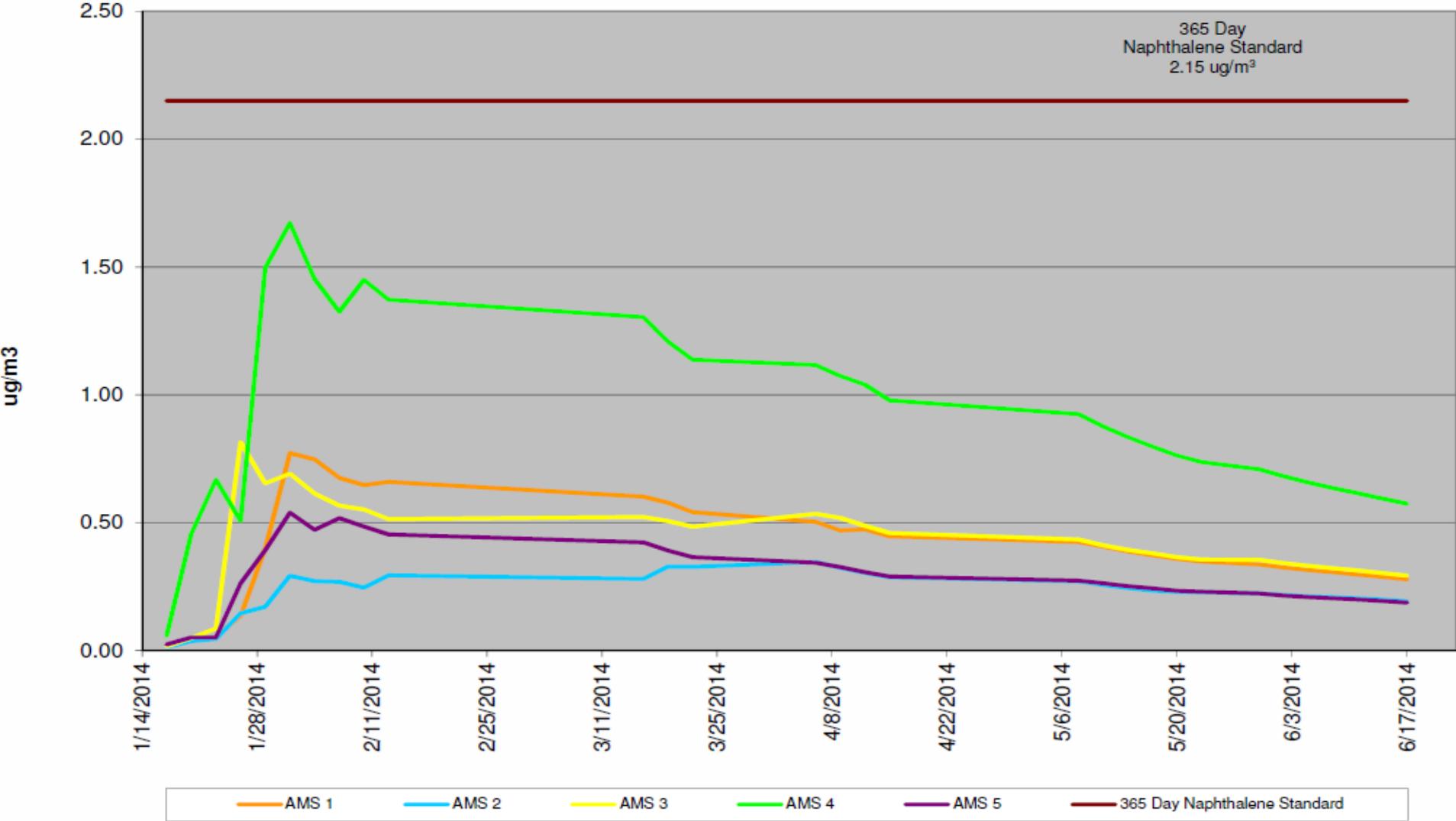


View of excavation progress in Phase 9/10 at the end of the week; facing west.

Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 6/17/2014



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 6/17/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 6/17/2014

