



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

Period: July 21 - July 27, 2014 (Week 45)
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 9 and 10 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 28,913.17 tons of Non-Source Material (595.52 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 23,596.71 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 394.35 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 10,000 gallons of water removed from the excavation are currently containerized, while approximately 464,000 gallons (85,000 this week) have been hauled offsite for disposal.

Monday - July 21st:

Continued excavating in Phase 1 in search of 2" water line with suspected leak. Approximately 25,000 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.

Tuesday - July 22nd:

Terminated the search for the 2" water line with a suspected leak, backfilled the Phase 1 sump with clean rock, and began preparing to load and haul off stockpiled impacted soil from the Phase 1 sump for disposal. Approximately 10,000 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. PSC personnel collected a sample of the water entering the Phase 5 excavation for fluoride analysis. Jeff A. and Mark K. of PSC were on Site for a visit.

Wednesday - July 23rd:

Continued loading and hauling stockpiled impacted soil from the Phase 1 sump for disposal. Approximately 26,000 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. Based on the results of the water samples, the City of LaSalle does not think the water in the Phase 1 sump is theirs, but they do suspect the water entering the Phase 5 sump might be leaking from a water main running under Canal Street.

Thursday - July 24th:

Continued loading and hauling stockpiled impacted soil from the Phase 1 sump for disposal. Approximately 6,000 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. Bud Chamblin and Kaitlin Yocum of Ameren and Mike Egizio of the City were on Site for a visit.

Friday - July 25th:

Began backfilling and compaction of the Phase 1/9/10 excavation with clean rock from LaFarge's Utica Quarry. Approximately 8,000 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.

Saturday - July 26th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly sunny with some clouds and high temperatures from the 70s to the 90s.

H&S Issues/Other: Falls: causes & cures, propane safety, and general safety. No recordable accidents or incidents occurred.

Out of Scope Items:

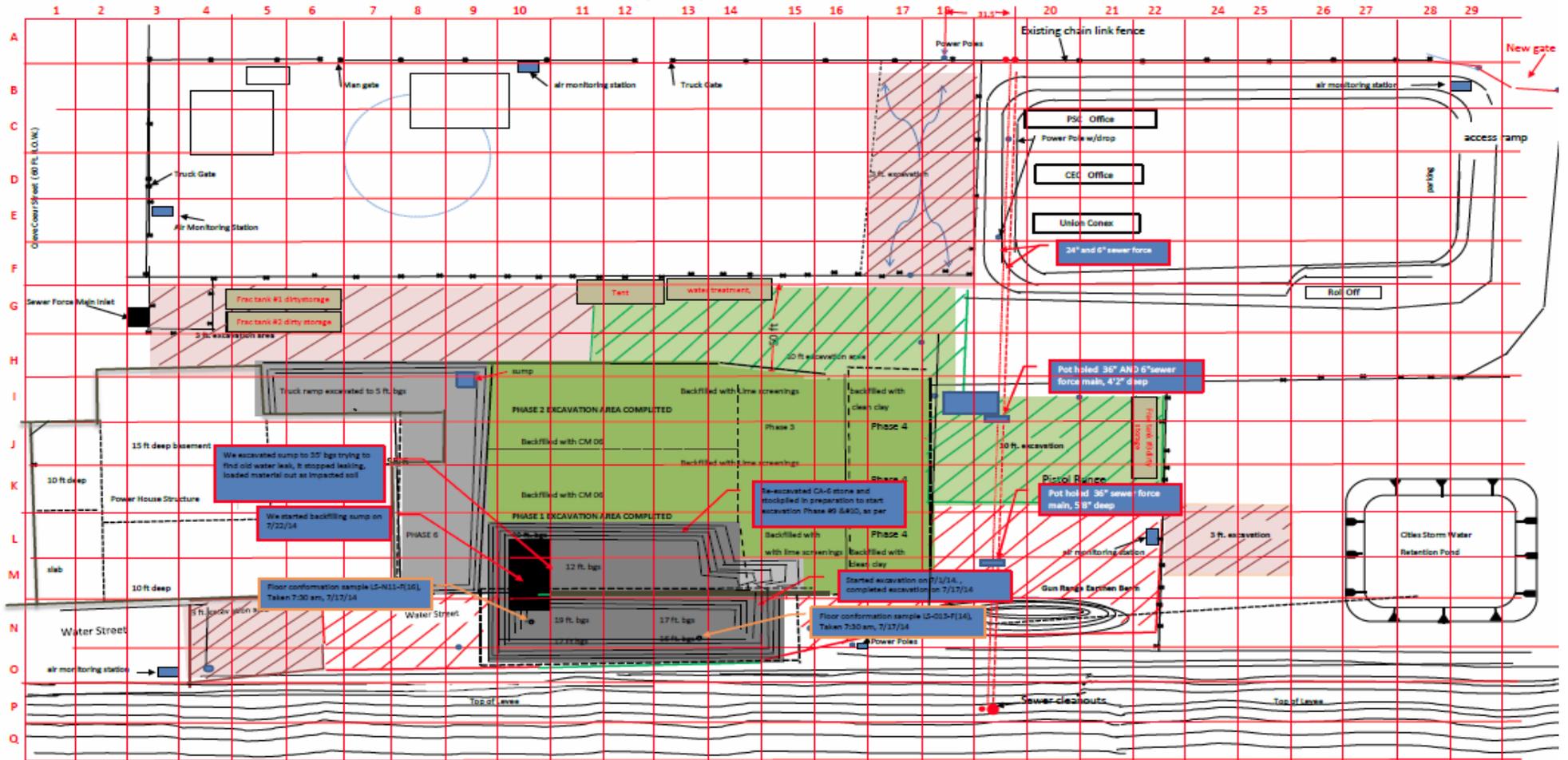
None



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

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

Period: July 21 - July 27, 2014 (Week 45)

PSC Project Number

624-1202-0012

Completed By: Chris Dawdy

**LaSalle MGP Air Monitoring Progress Report
Week Ending July 26, 2014**

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was discontinued on July 20th.
- 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 were updated on July 25th to include sampling results through July 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

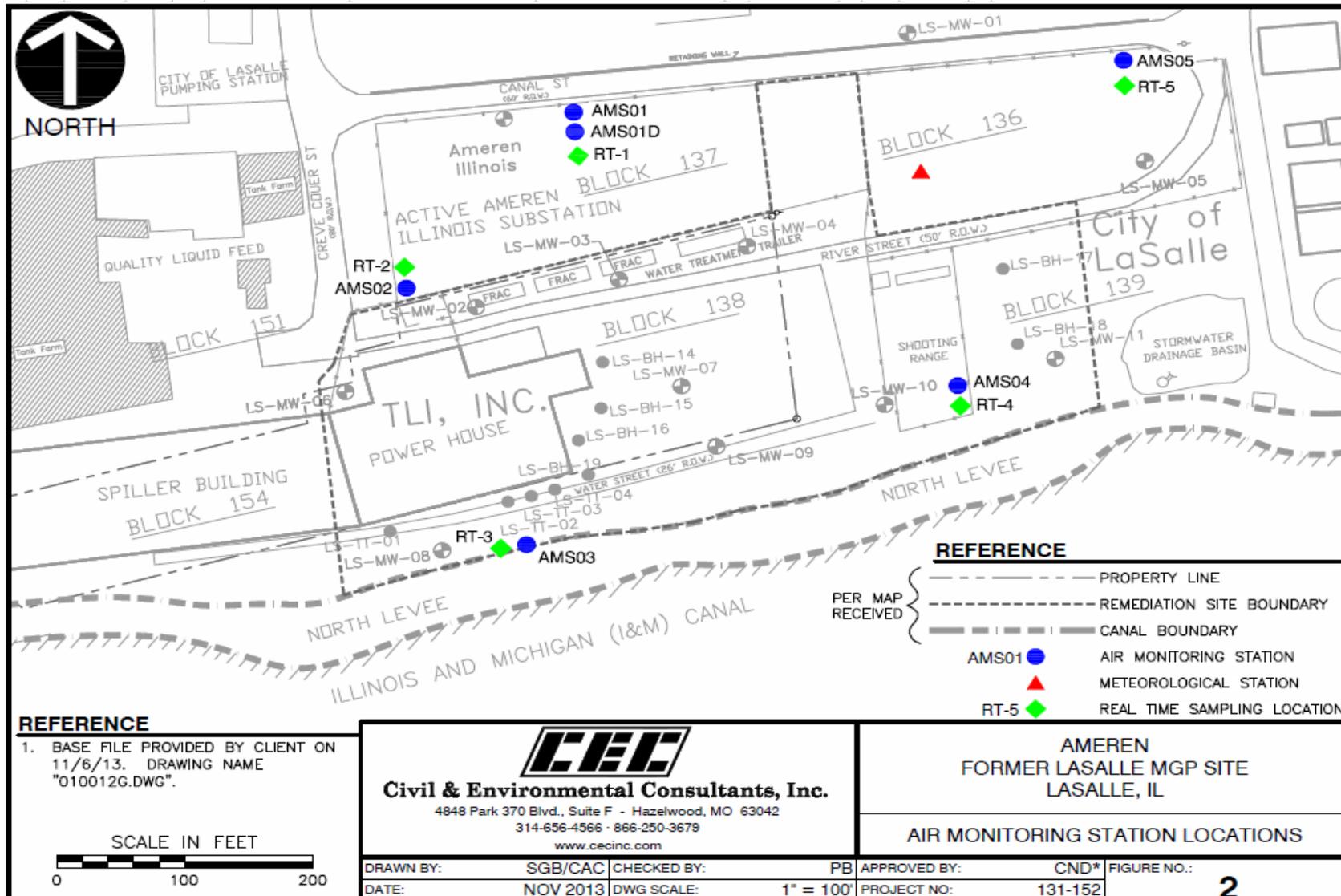
Activities to be Performed

- 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

Period: July 21 - July 27, 2014 (Week 45)
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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:

29.12	0.00	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
28,317.65	595.52	28,913.17	120,000*	0
0.00	0.00	0.00	0	0
31,879.47	595.52	32,474.99	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	218.86	6,502.92		
1,861.35	175.49	2,036.84	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)

23,202.36	394.35	23,596.71	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	394.35	27,837.32	0	0

Treated Wastewater:

Discharged to PDC (gallons)

379,000	85,000	464,000	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	2	3	4	3	
2	2	5	4	3	



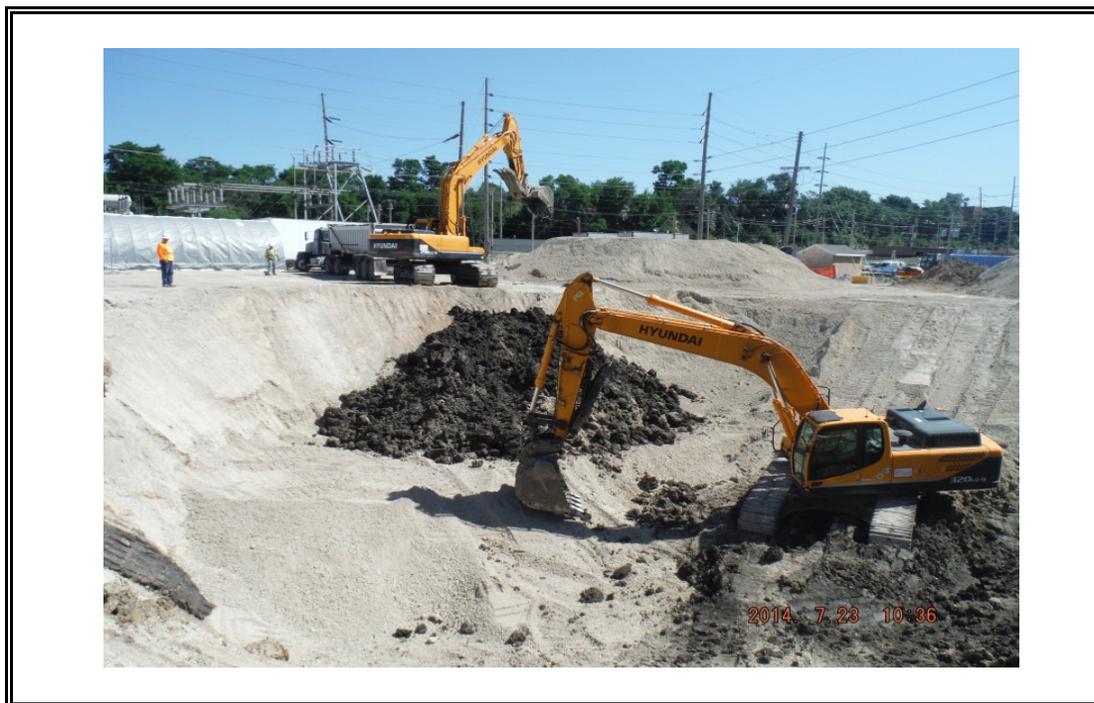
Excavators working in Phase 1 in search of the 2" water line with a suspected leak; facing east.



View of stockpiled, impacted soil from the Phase 1 sump/pipe investigation, prior to loading; facing southwest.



Backfilling the Phase 1 sump with clean rock; facing south.



Excavators working in tandem to stage and load the impacted soil onto trucks for disposal; facing northeast.

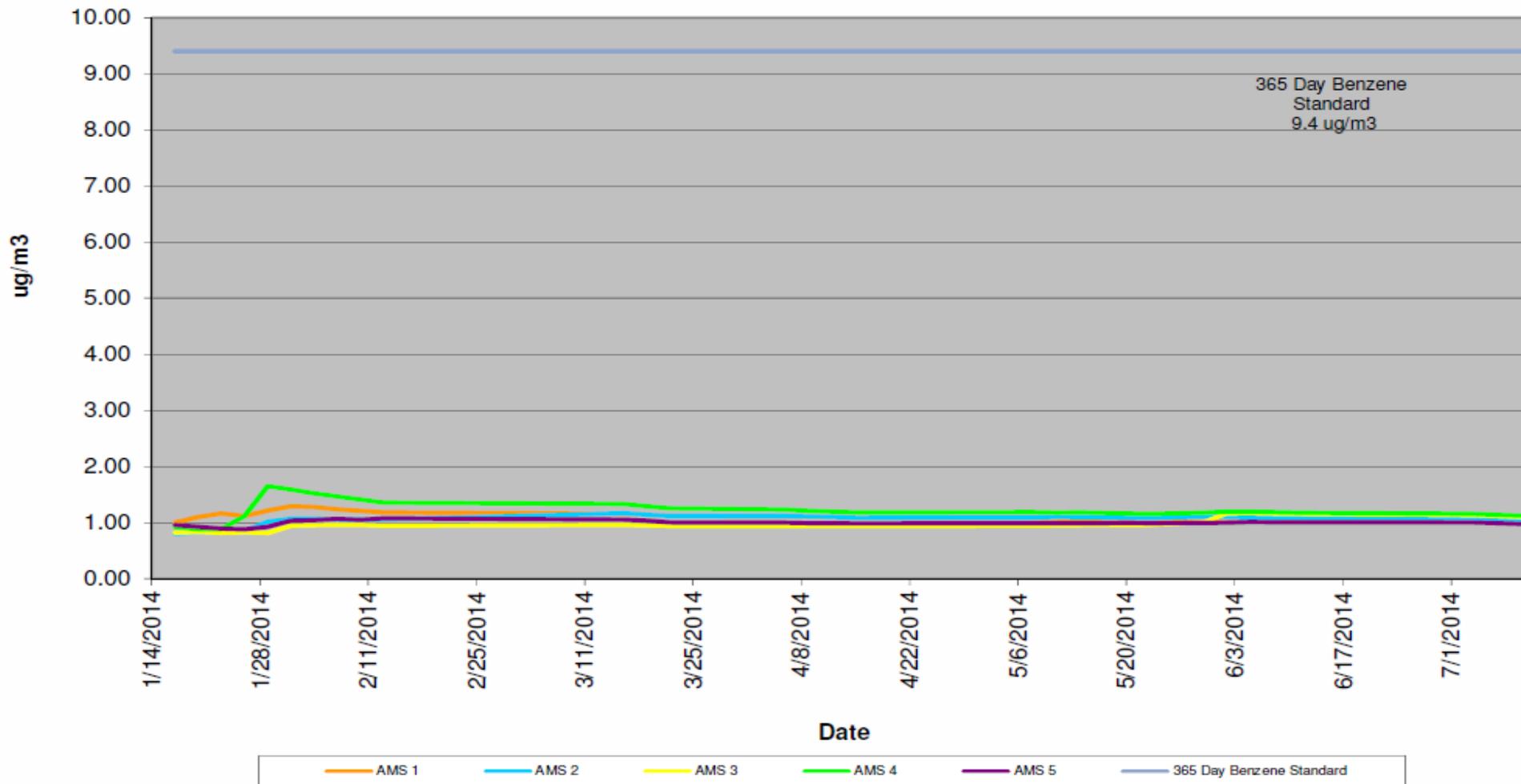


Excavator spreading coarse 3" clean stone as a bridge over the soft excavation bottom; facing south.

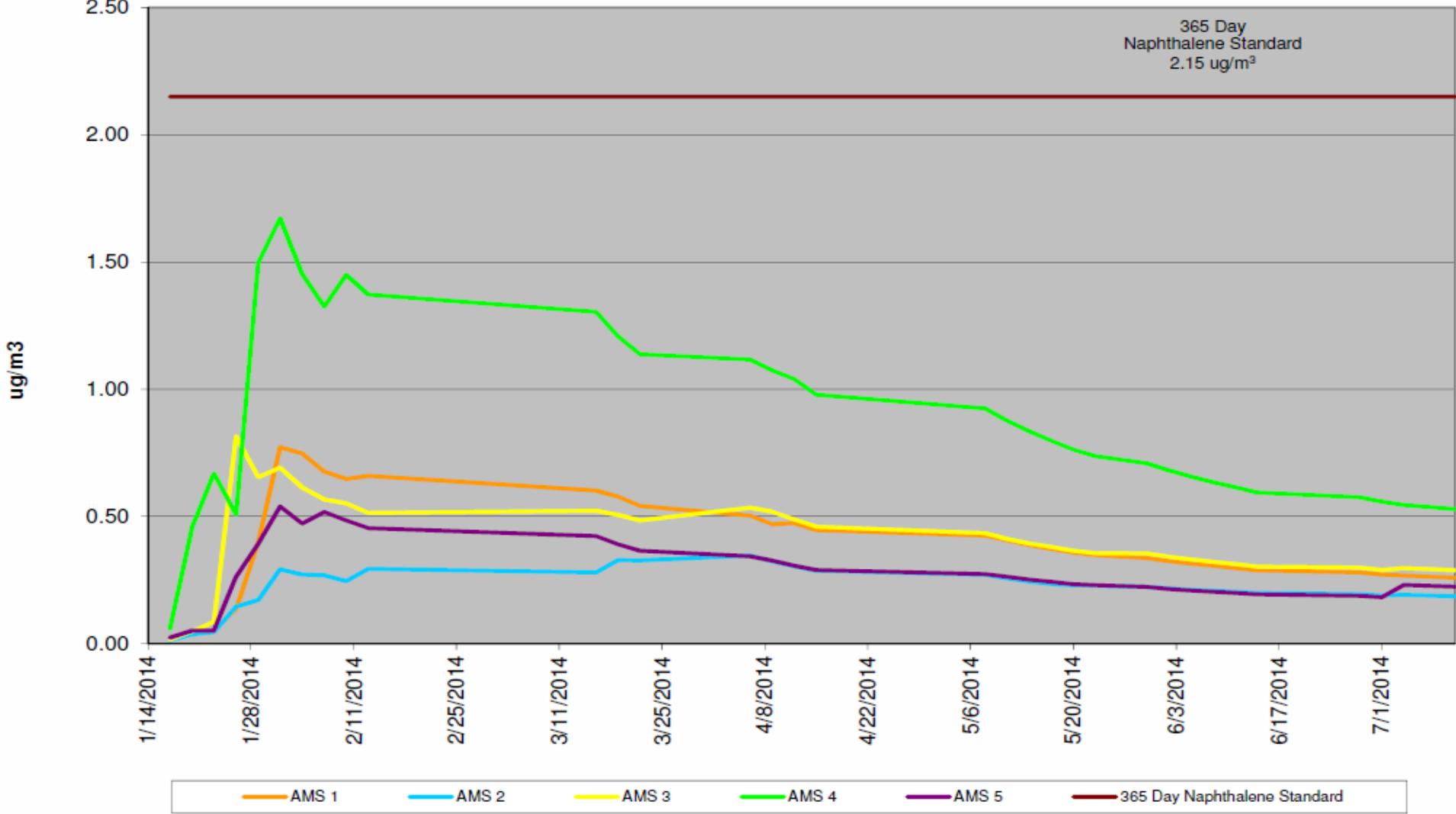


Compacting the first lift of lime screenings in the Phase 1/9/10 excavation; facing southwest.

Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 7/11/2014



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 7/11/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 7/11/2014

