



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

Period: May 26 - June 01, 2014 (Week 37)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation including breaking concrete and removing demolition debris from the Phase 5/6 areas, and began excavating and removing impacted materials from the Phase 4 area. 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 (337.07 tons this week) and 19,878.12 tons of Non-Source Material (439.26 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 22,465.37 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, 427.98 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 46,000 gallons of water removed from the excavation are currently containerized, while 20,000 gallons (20,000 this week) have been hauled offsite for disposal.

Monday - May 26th:

No Site work performed due to the Memorial Day holiday.

Tuesday - May 27th:

Excavators resume separating and loading demolition debris from Phase 5/6 area, and breaking concrete slabs along the canal berm. A test trench was dug down to six feet at the SE corner of Phase 4 to check for the presence of groundwater, and another was dug at the southwest corner of the old powerhouse building to check for a stormwater line. Stormwater basin is still full; no action yet taken by Quality Liquid Feeds (QLF) to remove the ammonia-impacted water.

Wednesday - May 28th:

Excavators continue separating and loading demolition debris from Phase 5/6 area, and breaking concrete slabs along the canal berm. The test trench in the SE corner of Phase 4 partially filled with groundwater overnight. Clear water was observed running into the northeast corner of the Phase 6 excavation and sampled on suspicion of coming from a leaking city water line. Called Ameren and scheduled a pole truck to be on Site next Tuesday to hold the power pole near the northeast corner of Phase 4 while excavating near it. The last load of demolition debris was loaded from Phase 6; the few remaining loads will go out as non-source soil.

Thursday - May 29th:

Excavators finish loading soil/debris from Phase 5/6 area, and continue breaking concrete slabs along canal berm. Heavily impacted soil encountered while excavating under the eastern purifier pad; impacted material was removed and area was backfilled with clean fill due to heavy rains predicted. Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tank #3 for disposal to PDC in Clinton, IL. Approximately 5,000 gallons of impacted water were pumped from the Phase 4 excavation into frac tank #3.

Friday - May 30th:

Excavators begin excavating and loading impacted soil from Phase 4 area, and continue breaking concrete slabs along canal berm. Approximately 10,000 gallons (2 truck loads) of impacted water were removed from frac tank #3 for disposal to PDC in Clinton, IL. PDC requested that a waste re-certification form and a copy of the waste profile be sent with every load of impacted water. Approximately 1,000 gallons of impacted water were pumped from the Phase 4 excavation into frac tank #3. Site and equipment shut down for the weekend.

Saturday - May 31st:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly sunny with some rain and high temperatures in the 80s.

H&S Issues/Other: Common accident causes, top OSHA violations and seatbelt safety. No recordable accidents or incidents occurred.

Out of Scope Items:

None

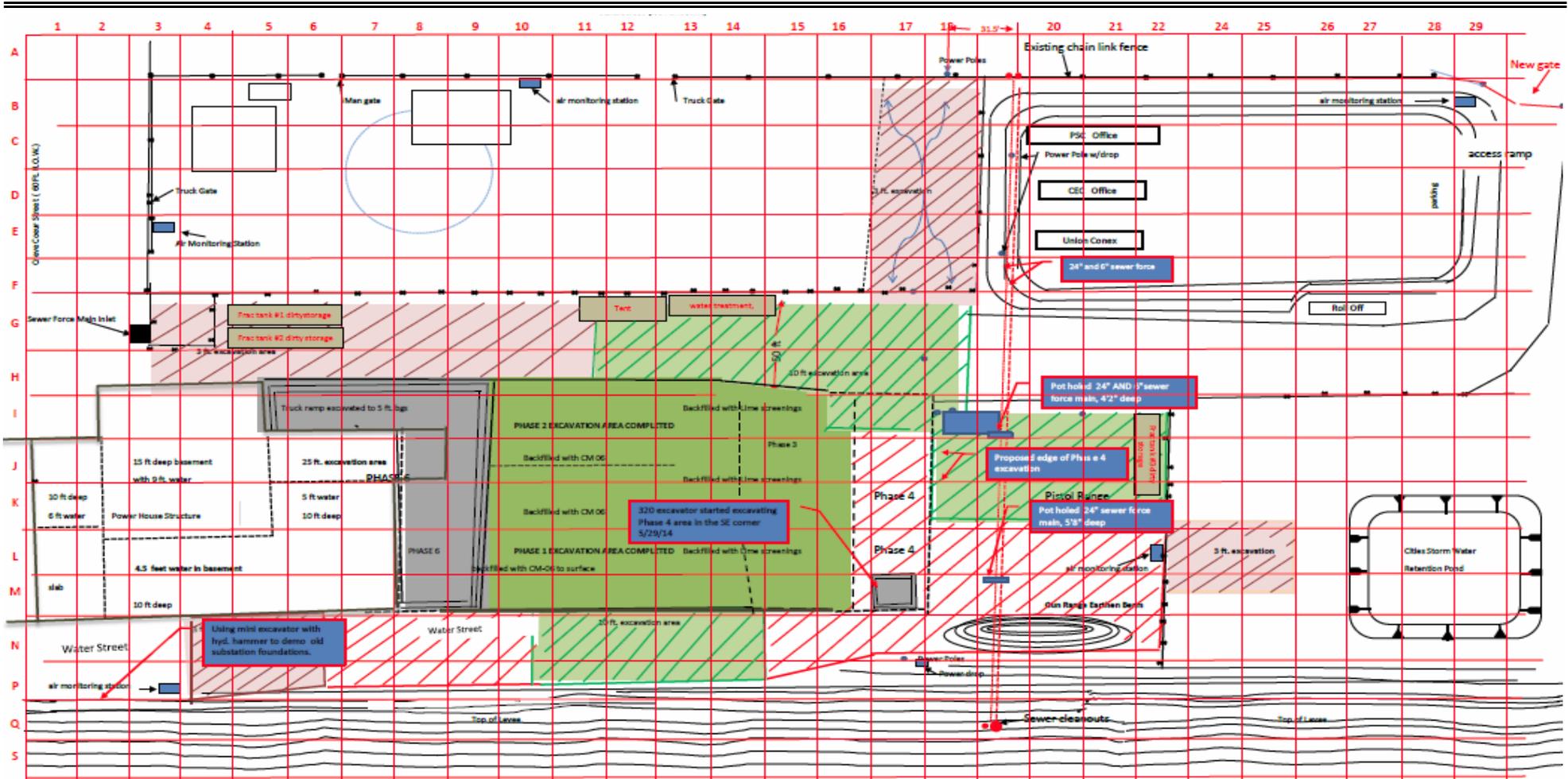


Remediation Footprint and Excavation Progress Map Ameren LaSalle Former MGP - Soil Removal Action

Period: May 26 - June 01, 2014 (Week 37)

PSC Project Number 624-1202-0012

Completed By: Jeff Adams





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

Period: May 26 - June 01, 2014 (Week 37)

PSC Project Number

624-1202-0012

Completed By: Chris Dawdy

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was re-started on May 27th following the Memorial Day weekend. Sampling was conducted from May 27th through May 30th and May 30th thru June 2, 2014.
- The samples collected on May 30th were picked up by STAT on May 30th. The samples collected on June 2 are expected to be picked up by STAT on June 3, 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

- All time-integrated sampling results that have been collected have been received and were included in the last update. 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

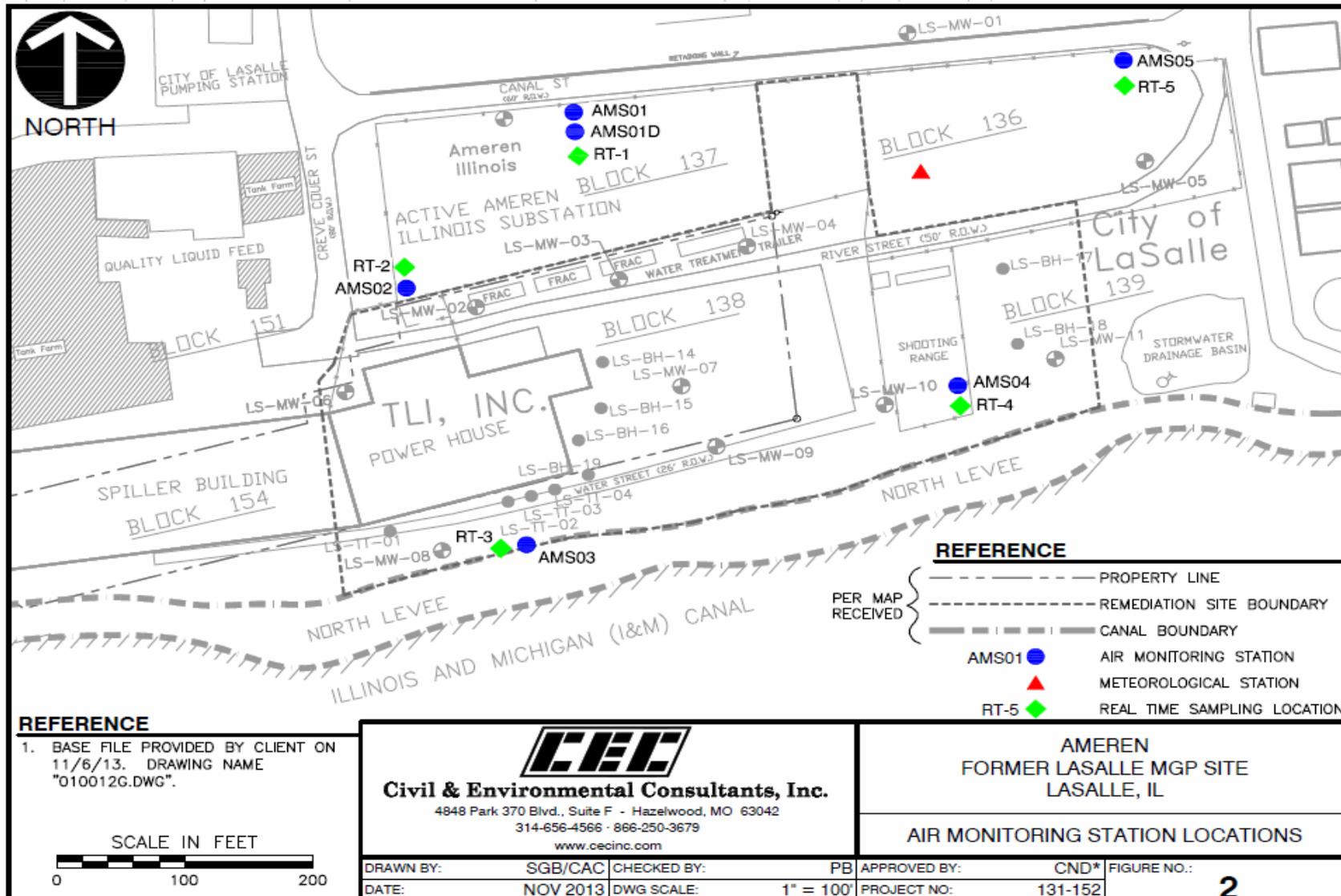
Activities to be Performed

- 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)

<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>
17.42	1.20	18.62
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

	3,224.75	337.07	3,561.82	0	0
	19,438.86	439.26	19,878.12	120,000*	0
	0.00	0.00	0.00	0	0
	22,663.61	776.33	23,439.94	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	0.00	1,124.36	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

22,465.37	0.00	22,465.37	0	0
427.98	0.00	427.98	0	0
290.00	0.00	290.00	0	0
0.00	0.00	0.00	0	0
23,183.35	0.00	23,183.35	0	0

Treated Wastewater:

Discharged to PDC (gallons)

0	20,000	20,000	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

0	1	1	1	1	
0	1	1	1	1	



Excavating a test trench at the southwest corner of the former powerhouse building to check for a stormwater line; facing south.



Excavating a test trench at the southeast corner of Phase 4 to check for groundwater; facing south.



Line painted on the ground in Phase 4 to remind excavator operators of overhead power lines; facing south.



Pumping water from the Phase 4 excavation into frac tank #3; facing southwest.

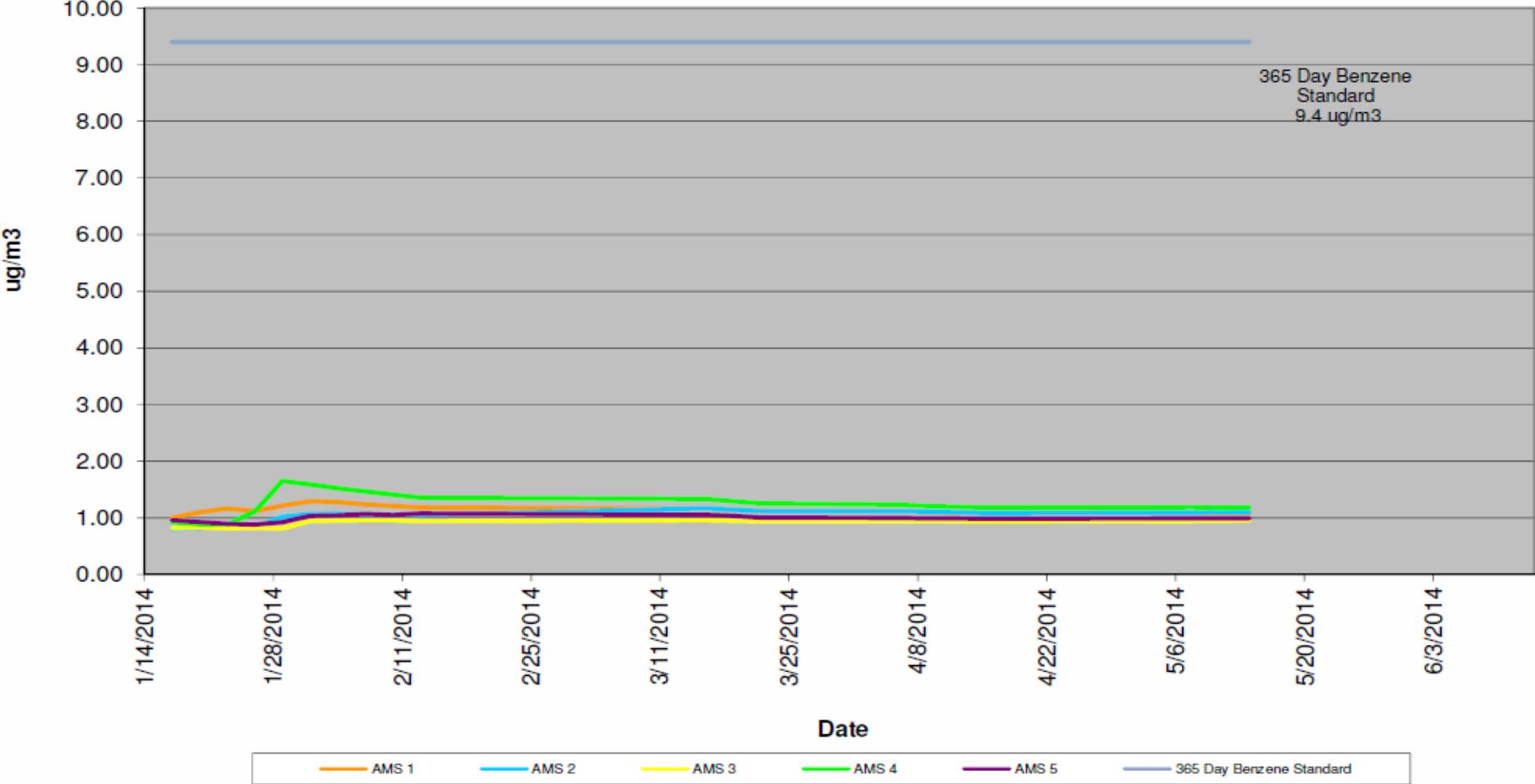


Loading a tanker truck with impacted water for disposal at PDC in Clinton, IL; facing east.

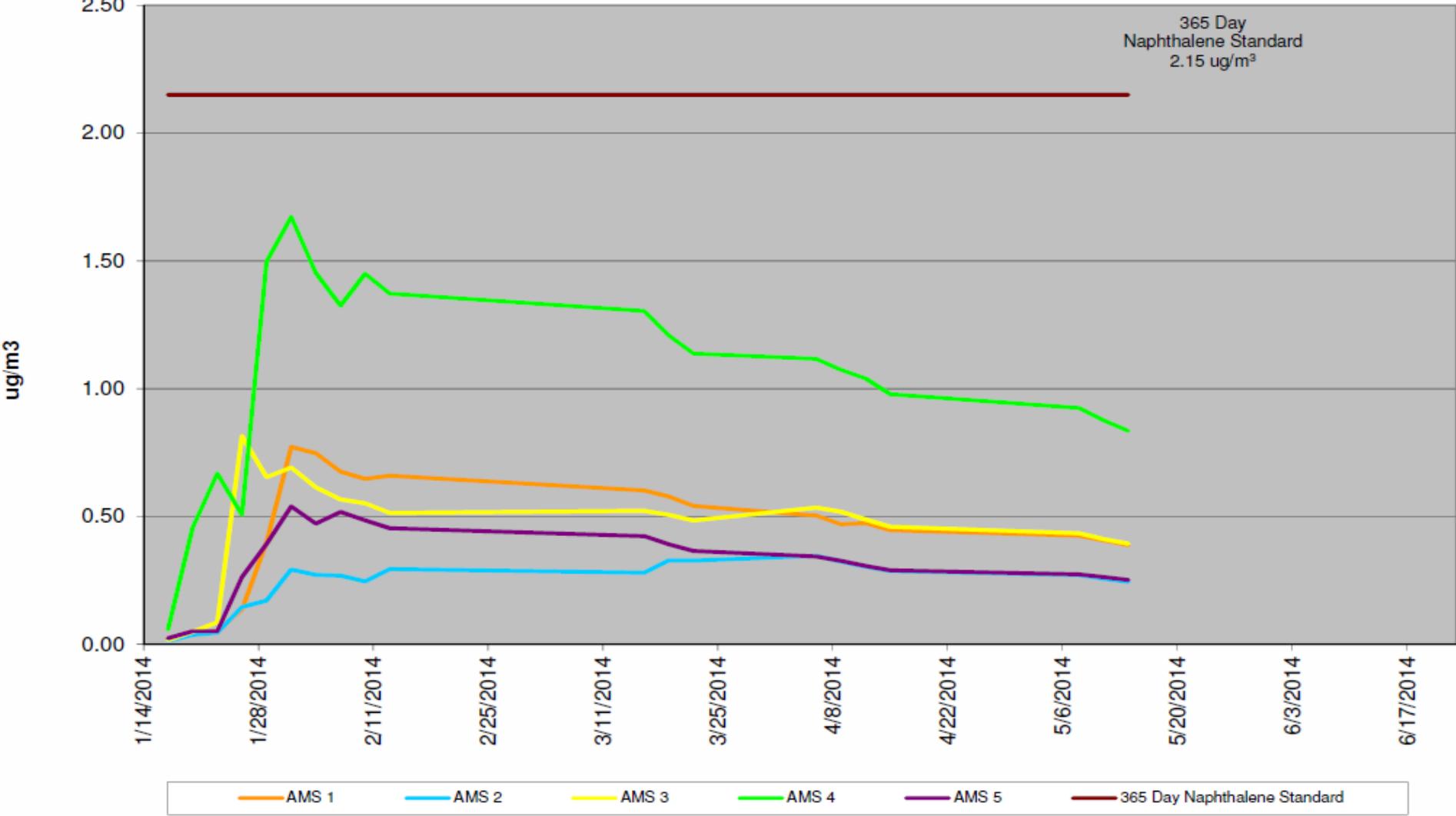


Breaking concrete foundations along the canal berm near air monitoring station #3; facing north.

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



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



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

