



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

Period: June 02 - June 08, 2014 (Week 38)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation including excavation and removal of 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 (0 tons this week) and 22,590.86 tons of Non-Source Material (2,712.74 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 2,000 gallons of water removed from the excavation are currently containerized, while approximately 70,000 gallons (50,000 this week) have been hauled offsite for disposal.

Monday - June 2nd:

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 1,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tanks. Laborers perform weed maintenance along site fences.

Tuesday - June 3rd:

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 1,000 gallons of impacted water were pumped from the Phase 5 excavation into frac tank #2. Ameren pole support truck on Site to secure utility pole while excavation progresses near it. Soil heavily impacted with coal tar and ammonia uncovered in the northern portion of the Phase 4 excavation. Three small test trenches were dug into the pistol range backstop and samples were collected for lead analysis. Brian Martin of Ameren and Mark Kroenig and Jeff Adams of PSC on Site for a visit.

Wednesday - June 4th:

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 3,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tank #2. Derrick Klingenberg, Sr. Manager at QLF, informed PSC that he treated the water in the stormwater basin on May 31st with a product from Biosystems that should reduce the ammonia levels. He said if it works he will start pumping the basin water to the WWTP later this week. PSC also helped Derrick take water samples from the basement of the Power House, and he said he will get them analyzed and share the info with PSC/Ameren.

Thursday - June 5th:

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 1,000 gallons of impacted water were pumped from the Phase 4/5 excavations into frac tanks. One confirmation sample (FL-09-L18 (14)) was collected from the excavation floor.

Friday - June 6th:

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. Laborers use a cut-off saw on rebar protruding from the broken substation foundations along the canal berm. Derrick K. of QLF on Site to collect a sample from the stormwater basin to check the ammonia level and the effectiveness of last Saturday's treatment.

Saturday - June 7th:

No site work performed.

Health & Safety Activities:

- Weather Conditions: Mostly sunny with some clouds and periods of thunderstorms and high temperatures in the 70s and 80s.
- H&S Issues/Other: Accident prevention, taking responsibility, and hazard recognition. No recordable accidents or incidents occurred.

Out of Scope Items:

None

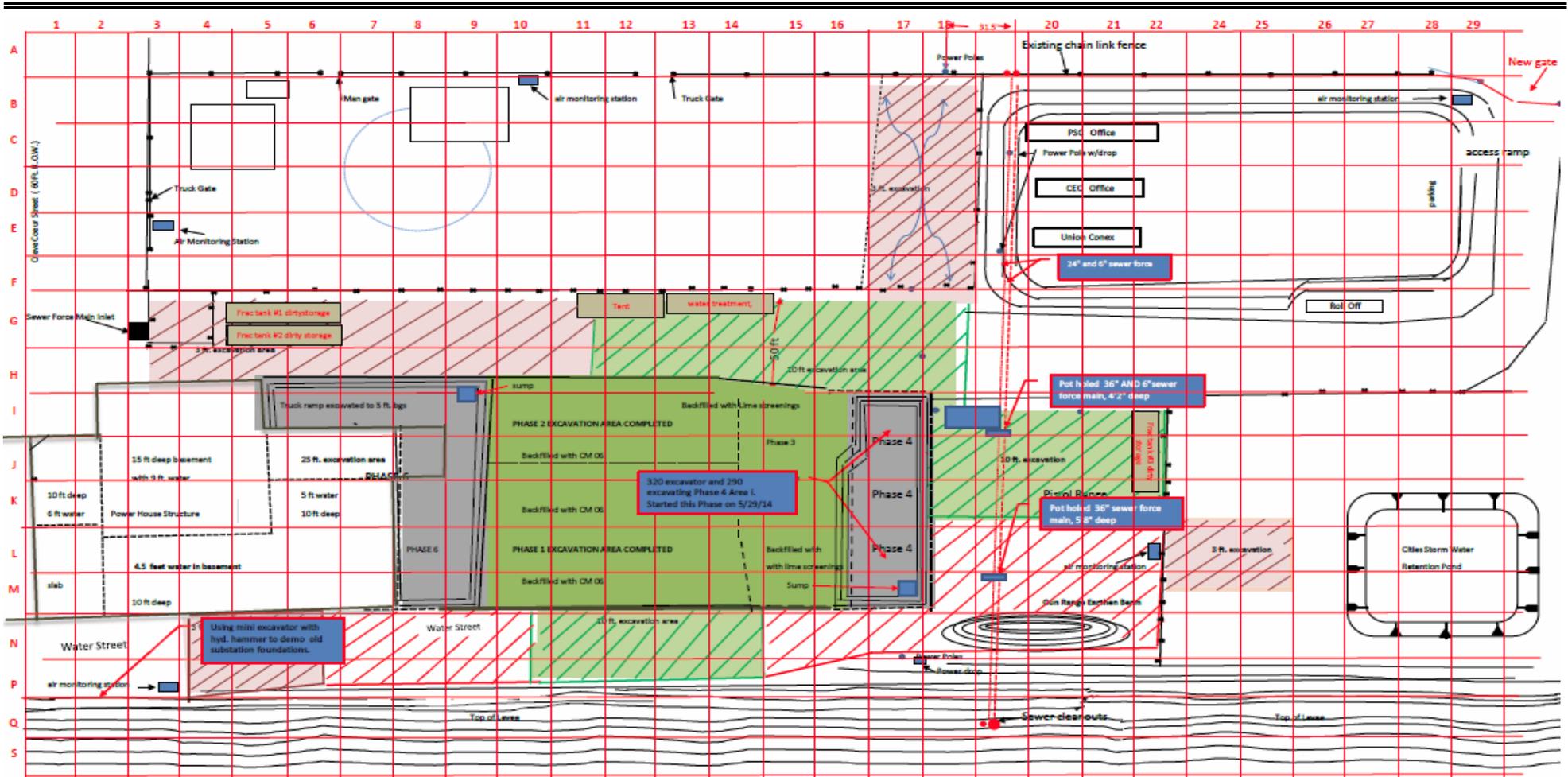


Remediation Footprint and Excavation Progress Map Ameren LaSalle Former MGP - Soil Removal Action

Period: June 02 - June 08, 2014 (Week 38)

PSC Project Number 624-1202-0012

Completed By: Jeff Adams





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

Period: June 02 - June 08, 2014 (Week 38)

PSC Project Number

624-1202-0012

Completed By: Chris Dawdy

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was conducted from June 2nd through June 5th and June 5th through June 8th, 2014.
- The samples collected on June 5th were picked up by STAT on June 5th. The samples collected on June 8th are expected to be picked up by STAT on June 10th, 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 23rd, 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

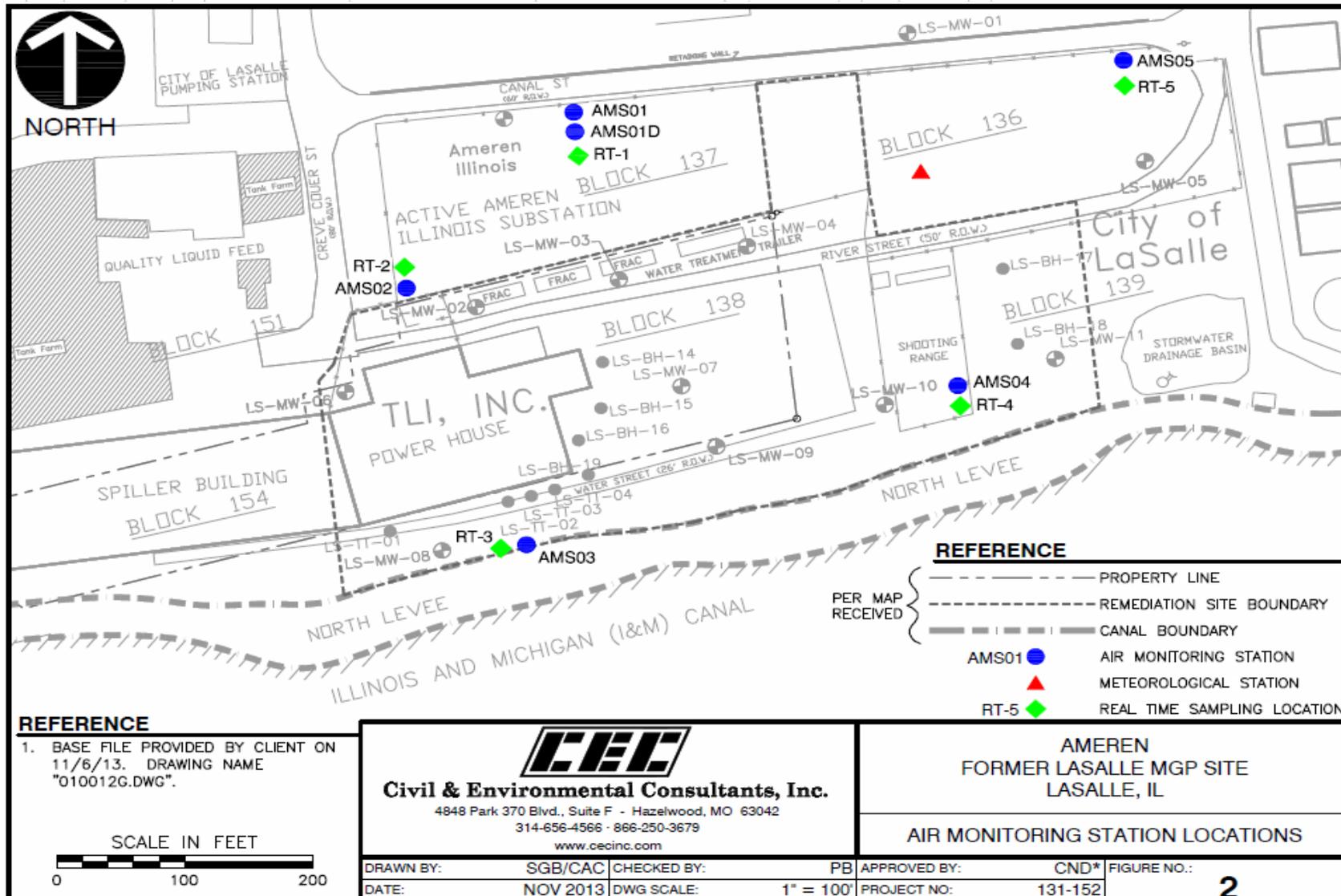
- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation activities as data becomes available from STAT.



Air Monitoring Station Locations Ameren LaSalle Former MGP - Soil Removal Action

Period: June 02 - June 08, 2014 (Week 38)
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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>
18.62	1.30	19.92
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

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
Construction & Demolition Debris-Republic (tons)	3,561.82	0.00	3,561.82	0	0
MGP Impacted Soil (Non Source)-Republic (tons)	19,878.12	2,712.74	22,590.86	120,000*	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	23,439.94	2,712.74	26,152.68	0	0

Add. Solid Waste Material:

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

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
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)

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
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)	1,124.36	0.00	1,124.36	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	22,465.37	0.00	22,465.37	0	0
CA-7, 1-Inch Clean Stone (tons)	427.98	0.00	427.98	0	0
Clean soil backfill (tons)	290.00	0.00	290.00	0	0
Top Soil (cubic yard)	0.00	0.00	0.00	0	0
TOTAL	23,183.35	0.00	23,183.35	0	0

Treated Wastewater:

Discharged to PDC (gallons)

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
Discharged to PDC (gallons)	20,000	50,000	70,000	0	0

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

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

Actually Received	3	3	3	3	3	
Requested	3	3	3	3	3	



Loading wastewater from frac tank #3 for disposal to PDC; facing southeast.



View of excavation progress in Phase 4; facing south.



Ameren representatives securing utility pole to a support truck before the excavation can progress near the pole; facing southwest.



Collecting samples for lead analysis from one of three small trenches dug into the pistol range backstop berm; facing southwest.

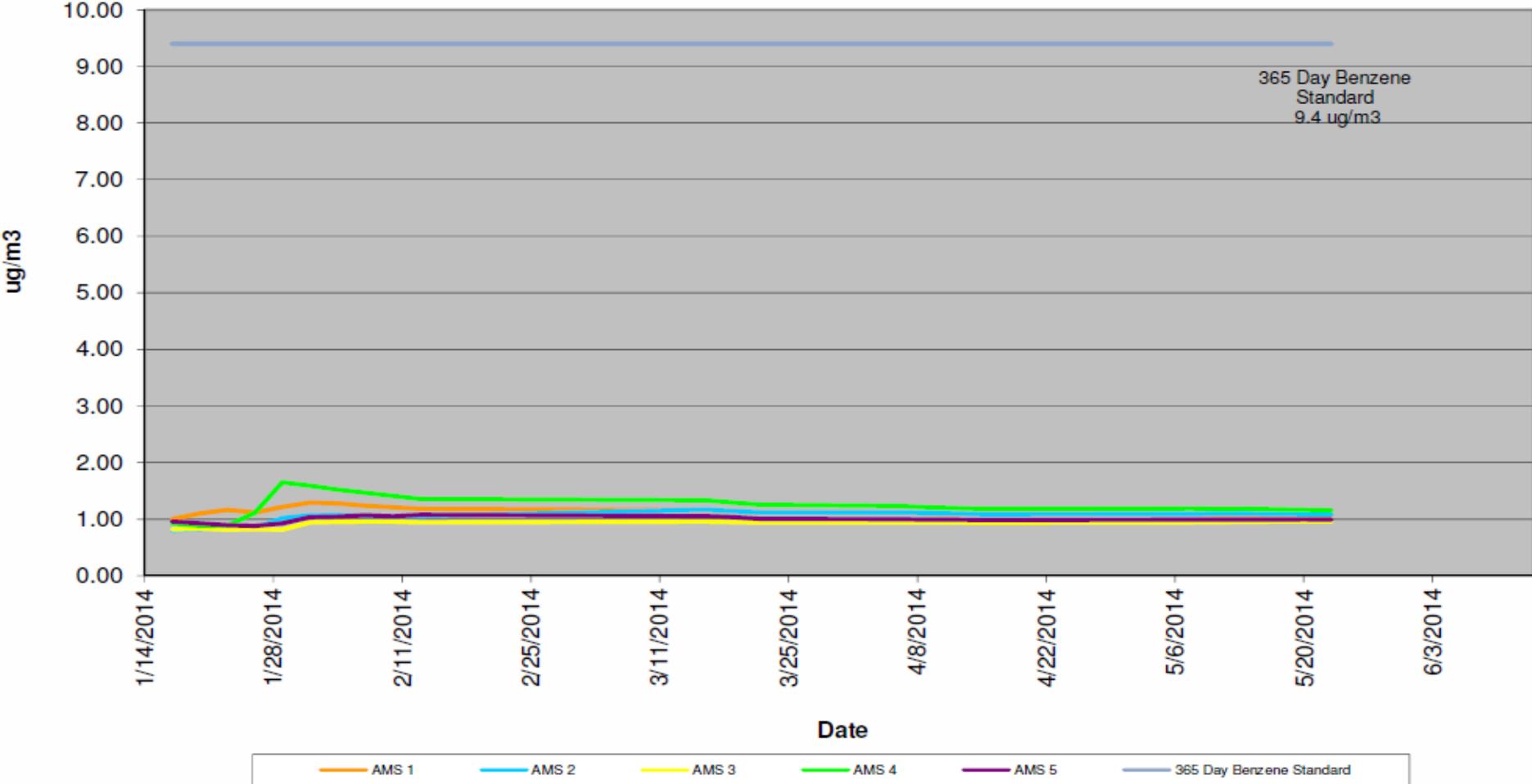


United Rentals representative installing the sheep's foot onto the compactor drum; facing southwest.

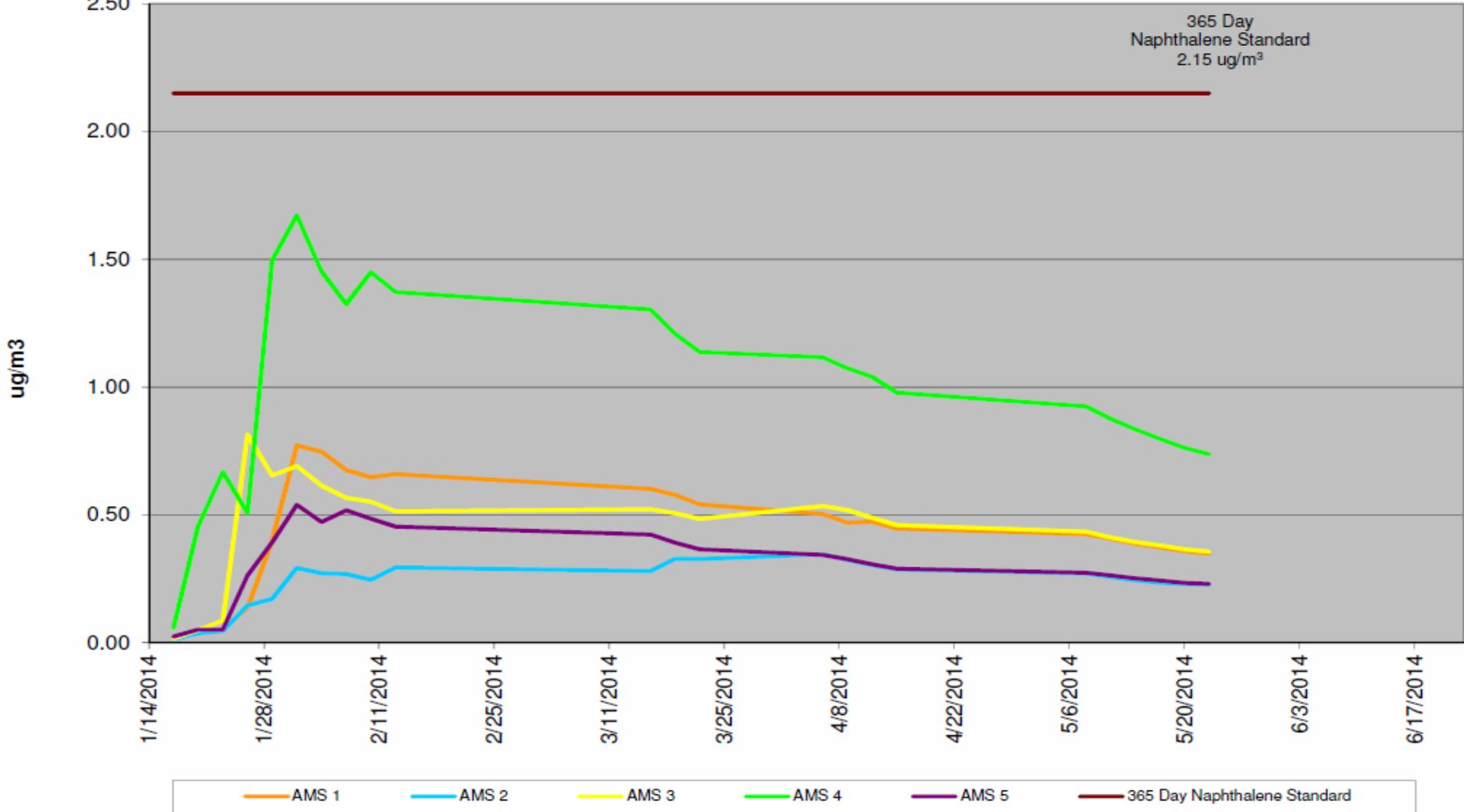


Laborers testing out the newly-delivered con-cover machine; facing south.

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 5/23/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 5/23/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 5/23/2014

