



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

Period: August 25 through 31, 2014 (Week 50)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation activities, including backfill of the Phase 11 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 32,388.95 tons of Non-Source Material (0 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 33,094.60 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 1,895.36 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 12,000 gallons of water removed from the excavation are currently containerized, while approximately 504,300 gallons (20,000 this week) have been hauled offsite for disposal.

Monday - August 25th:

There was rain over the weekend. Backfill of Phase #11 continued with lifts of screenings. Lift #1 and #2 were completed and both passed compaction testing with the EDG. Lift #3 was begun. QLF began pumping from the lagoon to the wastewater treatment plant. QLF removed one load from the basement.

Tuesday - August 26th:

Backfill of Phase #11 continued with lifts of screenings. Lift #3, #4 and #5 were completed and all passed compaction testing with the Electrical Density Gauge (EDG). Approximately 10,000 gallons of water was pumped from the excavation into storage. Bodine hauled 10,000 gallons of water offsite from storage. QLF began pumping from the lagoon to the wastewater treatment plant at noon. QLF removed 2 loads from the basement.

Wednesday - August 27th:

Backfill of Phase #11 continued with lifts of screenings. Lift #6 and #7 were completed and all passed compaction testing with the EDG. Approximately 2,000 gallons of water was pumped from the excavation into storage. Bodine hauled 10,000 gallons of water offsite from storage. QLF continued pumping from the lagoon to the wastewater treatment plant. QLF removed 2 loads from the basement.

Thursday - August 28th:

Backfill of Phase #11 continued with lifts of screenings. Lift #8 was completed and passed compaction testing with the EDG. Lift #9 was begun. Approximately 1,000 gallons of water was pumped from the excavation into storage. QLF continued pumping from the lagoon to the wastewater treatment plant. QLF removed 2 loads from the basement.

Friday - August 29th

Backfill of Phase #11 continued with lifts of screenings. Lift #9 was completed and passed compaction testing with the EDG. Lift #10 was begun. Approximately 1,000 gallons of water was pumped from the excavation into storage. QLF continued pumping from the lagoon to the wastewater treatment plant. QLF removed 2 loads from the basement. The city approved the plan designed by Kaskaskia Engineering Group (KEG) to install a permanent bypass in the city sewer.

Saturday - August 30th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Off and on rain with some thunderstorms and rain and high temperatures from the 70s to the 90s.

H&S Issues/Other: Discussed job safety checklist, weather, and general safety. No recordable accidents or incidents occurred.

Out of Scope Items:

None



Period: August 25 through 31, 2014 (Week 50)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

**LaSalle MGP Air Monitoring Progress Report
Week Ending August 30, 2014**

Developments During Reporting Period

Activities Performed

- The time-integrated sampling network was shut down on August 21st while PSC continues backfilling operations. The time-integrated sampling network will be restarted once intrusive activities commence.
- 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). Results indicate that all parameters are below the real-time action levels.

Sampling Problems Encountered

- None

Real-time Air Quality Exceedances Detected

- None

Time-integrated Analytical Data Received

- Time-integrated sampling results for sampling events from August 12th to August 15th and August 15th to August 18th have been received and presented in the updated preliminary time-integrated results provided on September 2nd. 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

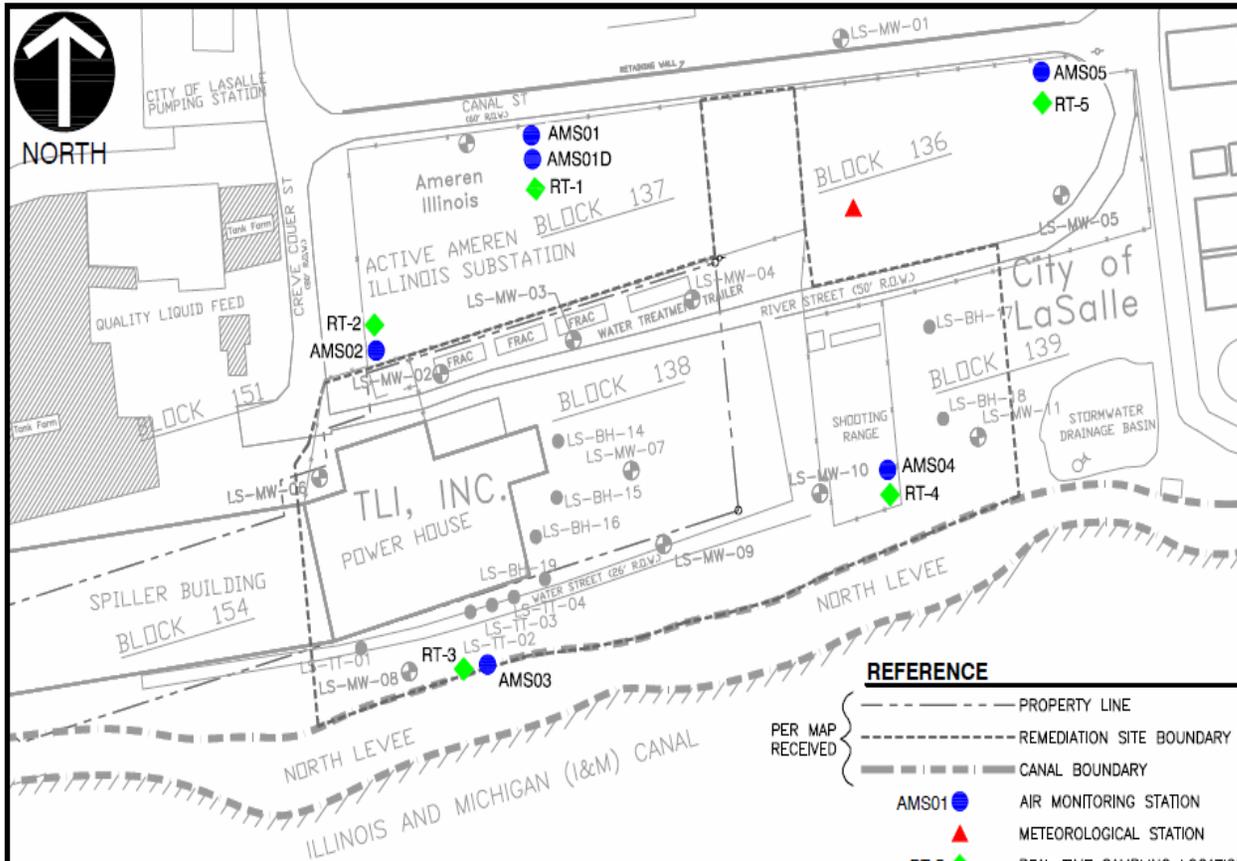
- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation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



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

Period: August 25 through 31, 2014 (Week 50)
Completed By: Jeff Adams

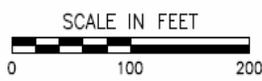
PSC Project Number 624-1202-0012



REFERENCE

PER MAP RECEIVED		PROPERTY LINE
		REMIEDIATION SITE BOUNDARY
		CANAL BOUNDARY
		AMS01 AIR MONITORING STATION
		METEOROLOGICAL STATION
		RT-5 REAL TIME SAMPLING LOCATION

REFERENCE
1. BASE FILE PROVIDED BY CLIENT ON 11/6/13. DRAWING NAME "010012G.DWG".



 Civil & Environmental Consultants, Inc. 4848 Park 370 Blvd., Suite F - Hazelwood, MO 63042 314-656-4566 - 866-250-3679 www.cecinc.com		AMEREN FORMER LASALLE MGP SITE LASALLE, IL	
AIR MONITORING STATION LOCATIONS			

DRAWN BY: SGB/CAC	CHECKED BY: PB	APPROVED BY: CND*	FIGURE NO.: 2
DATE: NOV 2013	DWG SCALE: 1" = 100'	PROJECT NO: 131-152	



**Project Milestones Summary Report
Ameren LaSalle Former MGP - Soil Removal Action**

Period: August 25 through 31, 2014 (Week 50)
Completed By: Jeff Adams

PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
Snowfall (inches)

Prior Total: This Period: Total To Date:

31.37	0.00	33.17
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
32,388.95	0.00	32,388.95	120,000*	0
0.00	0.00	0.00	0	0
35,950.77	0.00	35,950.77	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)
4 to 8-Inch Rip Rap (tons)
4-Inch Crushed Concrete (tons)

15,056.95	0.00	15,056.95	0	0
13,761.43	1,895.36	15,656.79		
2,380.86	0.00	2,380.86	0	0
0.00	0.00	0.00	0	0
0.00	0.00	0.00	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

31,199.24	1,895.36	33,094.60	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
35,439.85	1,895.36	37,335.21	0	0

Treated Wastewater:

Discharged to PDC (gallons)

484,300	20,000	504,300	0	0
---------	--------	---------	---	---

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

Trucks Transporting:

Monday Tuesday Wednesday Thursday Friday Issues

Actually Received
Requested

0	0	0	0	0	
0	0	0	0	0	

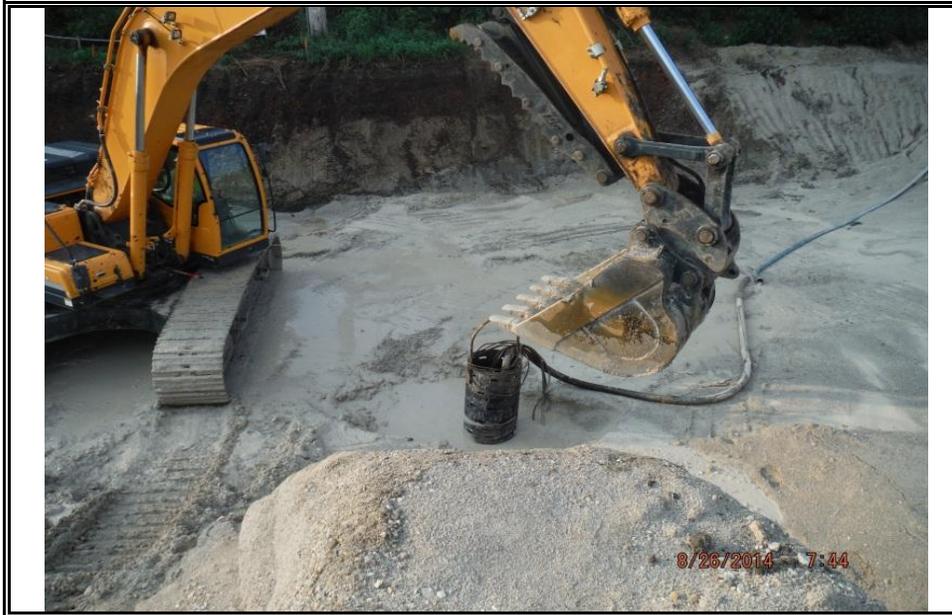


Placing lime screenings on Lift #1 at 11 feet bgs.



Testing Lift #2 at 10 feet bgs, all 3 tests passed compaction with the EDG.





Removing pump from Phase #11 after pumping water from an overnight rain.



Placing material for Lift #4 at 8 feet bgs.



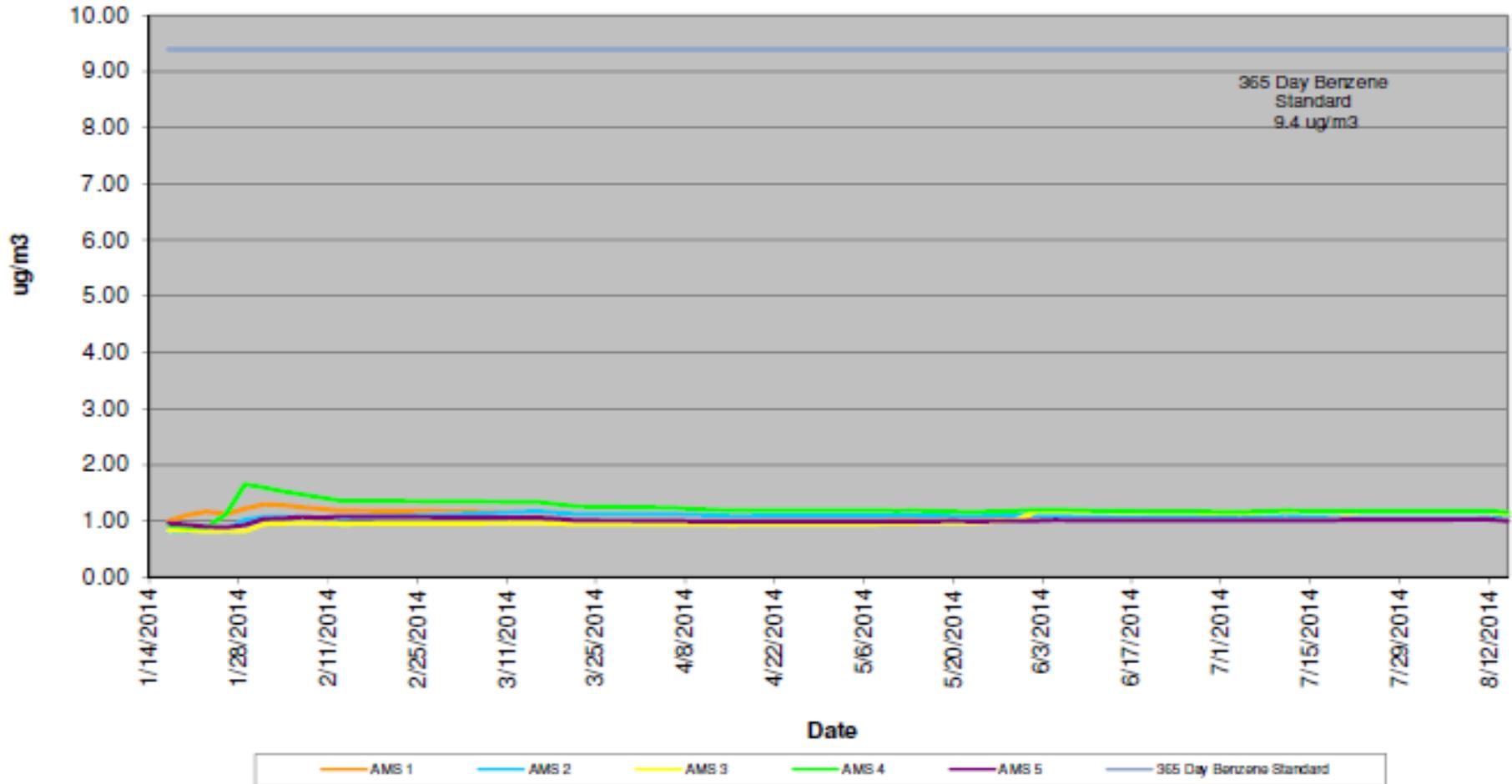
Compacting Lift #6, Phase 11 with roller-compactor.



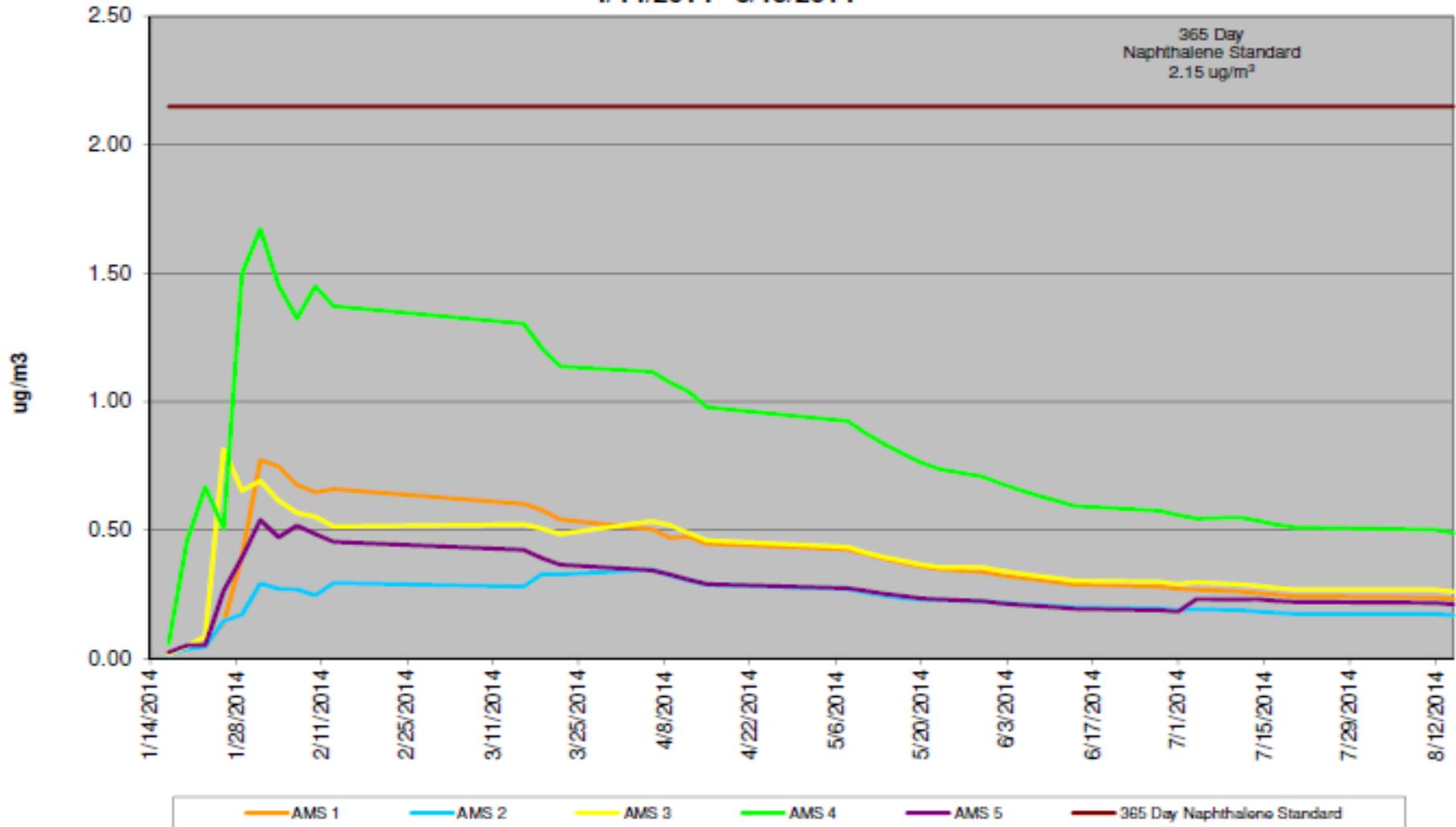
Using the dozer to push backfill material under Power Lines on lift #10 at 2 feet bgs.



**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 8/15/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 8/15/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 8/15/2014

