



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

Period: July 28 -August 3, 2014 (Week 46)  
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 (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 26,853.02 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; 3,256.22 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 (0 this week) have been hauled offsite for disposal.

### Monday - July 28th:

Continued backfilling and compaction of the Phase 1/9/10 excavation with lime screenings from LaFarge's Utica Quarry. Midwest was on Site to perform compaction testing. Approximately 3,000 gallons of water was pumped into the onSite storage from the excavation. QLF hauled 1 load from the basement.

### Tuesday - July 29th:

Continued backfilling and compaction of the Phase 1/9/10 excavation with lime screenings from LaFarge's Utica Quarry. Midwest was on Site to perform compaction testing alongside the EDG. The EDG was not matching the nuclear compaction testing; The EDG manufacturer (Humboldt) was contacted. Lift #4 was completed, and passed by Midwest. Lift #5 completed and compaction testing was passed despite EDG numbers reading low. Approximately 5,000 gallons of water was pumped into the onsite storage from the excavation. QLF hauled 2 loads from the basement.

### Wednesday - July 30th:

Continued backfilling and compaction of the Phase 1/9/10 excavation with lime screenings from LaFarge's Utica Quarry. Midwest was on Site to perform compaction testing in place of the EDG. Humboldt determined that the EDG has a bad sensor. The EDG was swapped with the functional unit from Decatur. The EDG with a bad sensor will be repaired and sent to Decatur. Lifts #6 and #7 were completed, and Lift #8 was begun. QLF continued to haul basement water (1 load), and resumed aeration of the stormwater basin.

### Thursday - July 31st:

Continued backfilling and compaction of the Phase 1/9/10 excavation with lime screenings from LaFarge's Utica Quarry. Midwest was on Site to perform compaction testing alongside the EDG. The EDG was set up successfully and all compaction tests passed with nuclear and EDG testing on Lift #8. The crew began to place screenings for Lift #9. Brian Martin was onSite for a visit and to discuss options for remediation in the area surrounding the sewer mains. QLF continued to haul basement water (2 loads), and aerate of stormwater basin.

### Friday - August 1st:

Continued backfilling and compaction of the Phase 1/9/10 excavation with lime screenings from LaFarge's Utica Quarry. The EDG was used successfully and all compaction tests passed on Lift #9. The crew completed the majority of Lift #10, and tested and passed some areas with the EDG. Brian Martin and Todd Hall were onSite for a visit and to discuss options for remediation in the area surrounding the sewer mains. QLF continued to haul basement water (1 load), and aerate of stormwater basin.

### Saturday - August 2nd:

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: Workplace safety, amputation, texting and driving, chemical label colors, general safety. 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 28 -August 3, 2014 (Week 46)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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**LaSalle MGP Air Monitoring Progress Report  
Week Ending August 2, 2014**

**Developments During Reporting Period**

***Activities Performed***

- Time-integrated sampling was discontinued on July 20<sup>th</sup>.
- 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 (PM<sub>10</sub>) 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 August 5<sup>th</sup> to include sampling results through July 20, 2014. Analytical results to date for benzene, PM<sub>10</sub> 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**

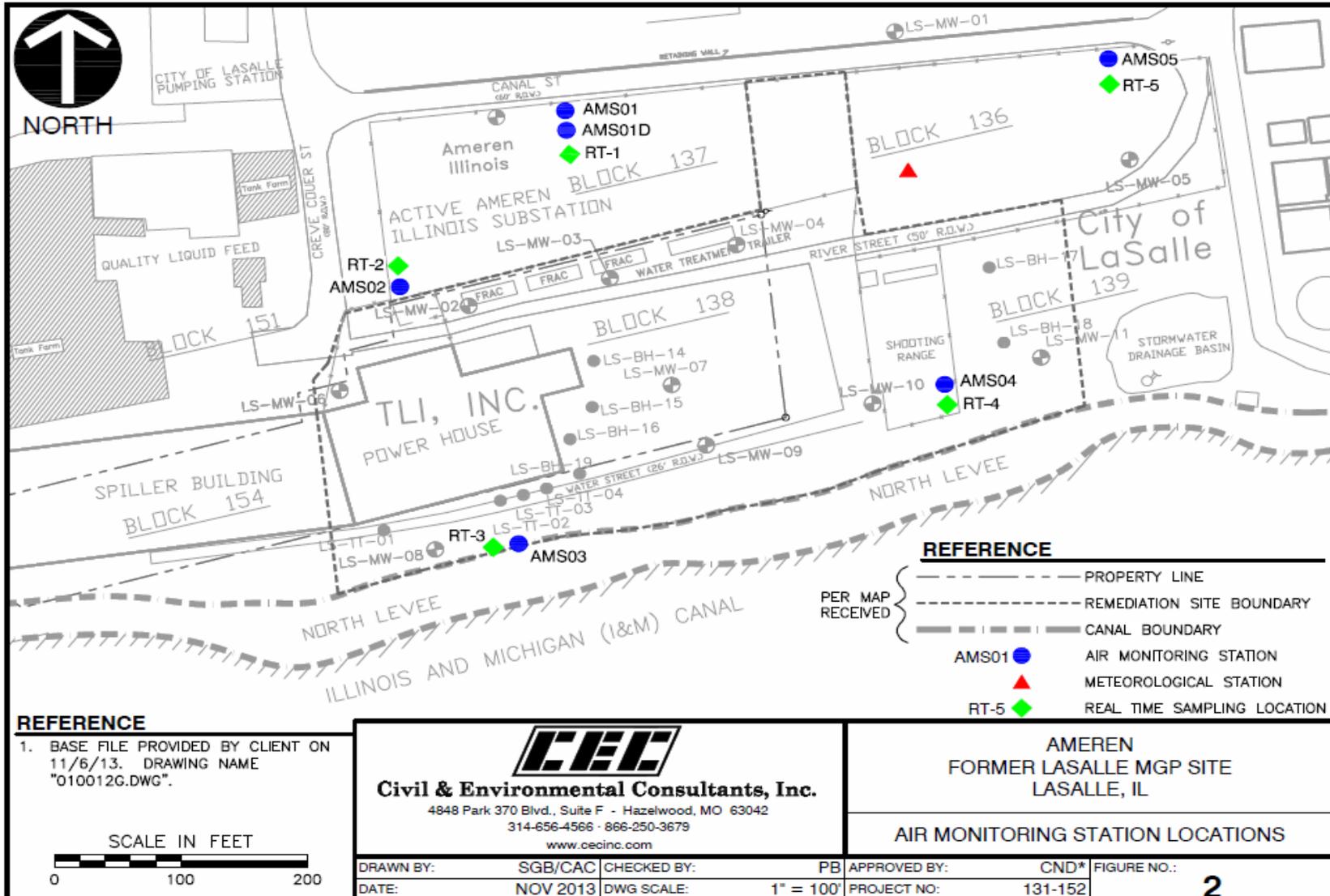
***Activities to be Performed***

- 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 28 -August 3, 2014 (Week 46)  
 Completed By: Jeff Adams

PSC Project Number 624-1202-0012





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

Period: July 28 -August 3, 2014 (Week 46)  
Completed By: Jeff Adams

PSC Project Number

624-1202-0012

**Project Milestones**

Actual Quantities

Weather:

Prior Total:    This Period:    Total To Date:

Rainfall (inches)	29.12	0.00	29.12
Snowfall (inches)	60.15	0.00	60.15

**Material Type:**

Project Estimates

Original:            Revised:

Solid Waste Material:

Construction & Demolition Debris-Republic (tons)	3,561.82	0.00	3,561.82	0	0
MGP Impacted Soil (Non Source)-Republic (tons)	28,913.17	0.00	28,913.17	120,000*	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
<b>TOTAL</b>	<b>32,474.99</b>	<b>0.00</b>	<b>32,474.99</b>	<b>0</b>	<b>0</b>

Addt. Solid Waste Material:

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)	15,056.95	0.00	15,056.95	0	0
Lime Screenings (tons)	6,502.92	3,256.22	9,759.14		
CS-02, 2 to 3-Inch Clean Stone (tons)	2,036.93	0.00	2,036.93	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
<i>Stone Backfill Subtotal</i>	<i>23,596.80</i>	<i>3,256.22</i>	<i>26,853.02</i>	<i>0</i>	<i>0</i>
CA-7, 1-Inch Clean Stone (tons)	471.90	0.00	471.90	0	0
Clean soil backfill (tons)	3,768.71	0.00	3,768.71	0	0
Top Soil (cubic yard)	0.00	0.00	0.00	0	0
<b>TOTAL</b>	<b>27,837.41</b>	<b>3,256.22</b>	<b>31,093.63</b>	<b>0</b>	<b>0</b>

Treated Wastewater:

Discharged to PDC (gallons)	464,000	0	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	3	3	3	4	4	
Requested	3	3	3	4	4	



Dozer pushing over stockpiled lime screenings into excavation.



Spreading lime screenings on lift # 4 at 11 ft. bgs, south side looking north



QLF started aeration in stormwater basin again on Wednesday.



Adding water to lime screenings to increase water content for proper compaction.

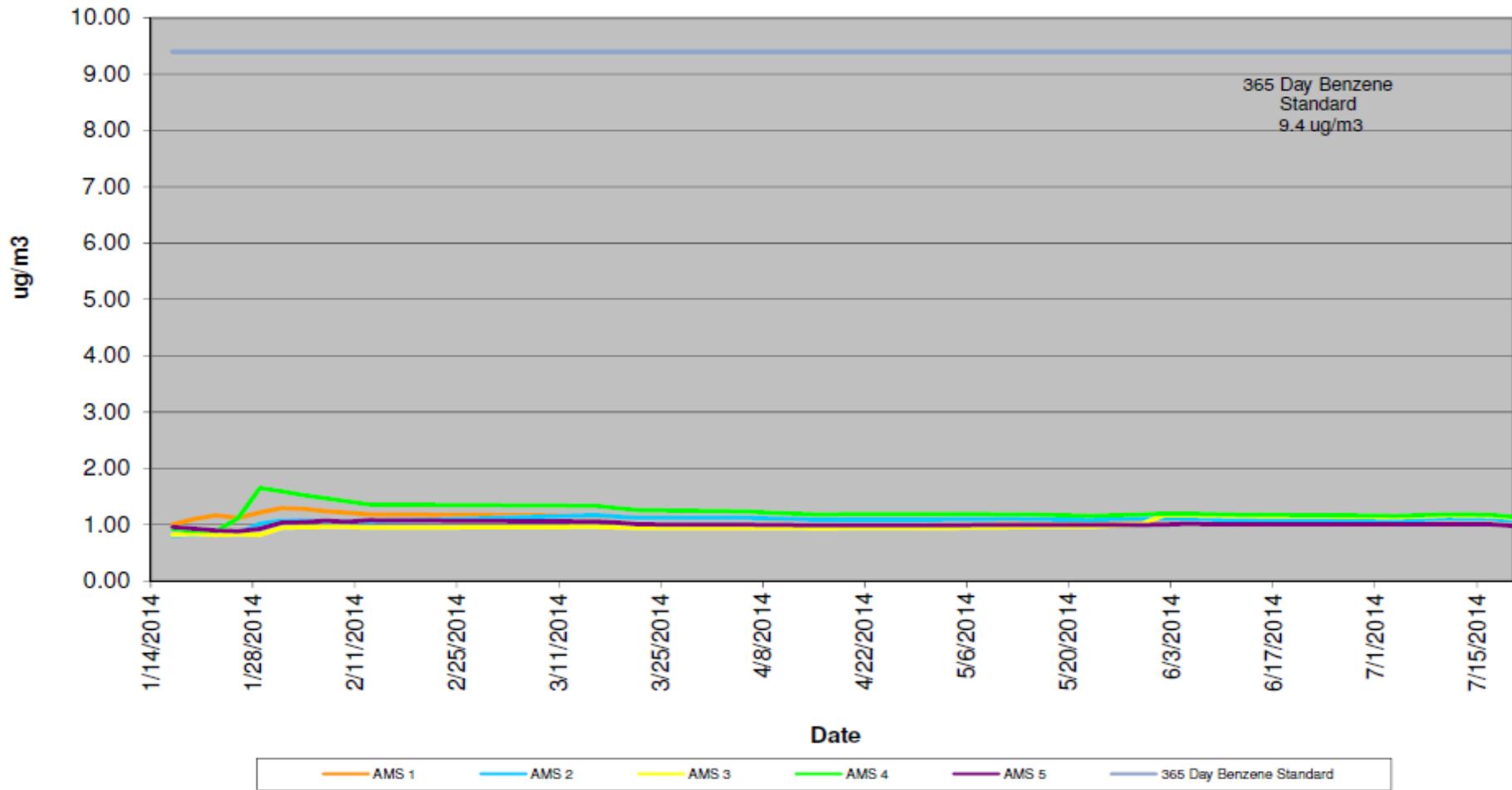


Testing compaction on Lift #8 with EDG and Nuclear Density Gauge. All test passed

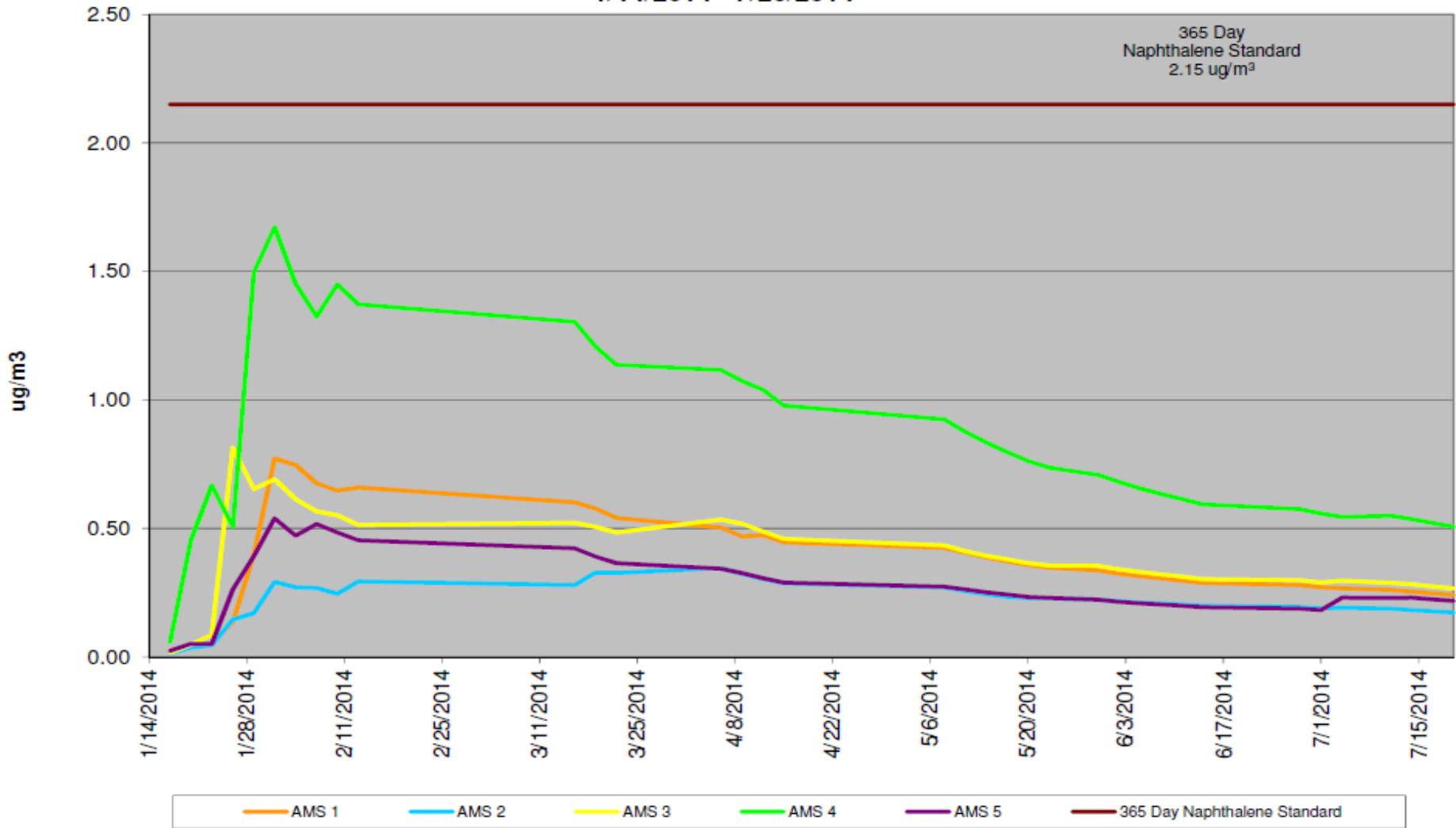


Starting on lift #10 at 5 feet bgs.

### Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 7/20/2014



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 7/20/2014



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 7/20/2014

