



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

Period: September 1 through 7, 2014 (Week 51)
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, and starting excavation in Phases 5 & 6. 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 32,731.76 tons of Non-Source Material (342.81 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 35,025.00 tons of rock (lime screenings, one-inch minus, and two to three-inch clean rock; (1,930.40 tons this week) have been hauled onsite to use as backfill material. In addition, 515.85 tons of clean one-inch stone (43.95 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 513,300 gallons (0 this week) have been hauled offsite for disposal.

Monday - September 1st:

Labor Day Holiday - No Site Work

Tuesday - September 2nd:

Backfill of Phase #11 continued with lifts of screenings, Lift #10 was completed and all passed compaction testing with the Electronic Density Gauge (EDG). Lift #11 was begun. Approximately 6,000 gallons of water was pumped from the excavation into storage. Laborers cleaned Frac tank 3. QLF continued pumping from the lagoon to the wastewater treatment plant. QLF removed 2 loads from the basement.

Wednesday - September 3rd:

Backfill of Phase #11 continued with lifts of screenings, Lift #11 was completed and all passed compaction testing with the EDG. Laborers cleared a path in the vegetation to the canal. Approximately 1,000 gallons of water was pumped from the excavation into storage. QLF removed 2 loads from the basement.

Thursday - September 4th:

Late start due to multiple lightning shutdowns. Backfill of Phase #11 continued with final lift of screenings, and beginning with crushed limestone surface. Approximately 3,000 gallons of water was pumped from the excavation into storage. QLF not pumping from the lagoon to the wastewater treatment plant due to rain. QLF removed 2 loads from the basement.

Friday - September 5th

Completed backfill of Phase #11 with a partial lift of screenings, crushed limestone, and final cap of clean crushed limestone. Phase #5 and #6 excavation began. Approximately 4,000 gallons of water was pumped from the excavation into storage. QLF continued pumping from the lagoon to the wastewater treatment plant. QLF removed 0 loads from the basement.

Saturday - August 30th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Week began hot and dry, and ended with some thunderstorms and rain and high temperatures from the 70s to the 90s.

H&S Issues/Other: Discussed common safety mistakes, openings in floor, tricks of the trade, and general safety. No recordable accidents or incidents occurred.

Out of Scope Items:

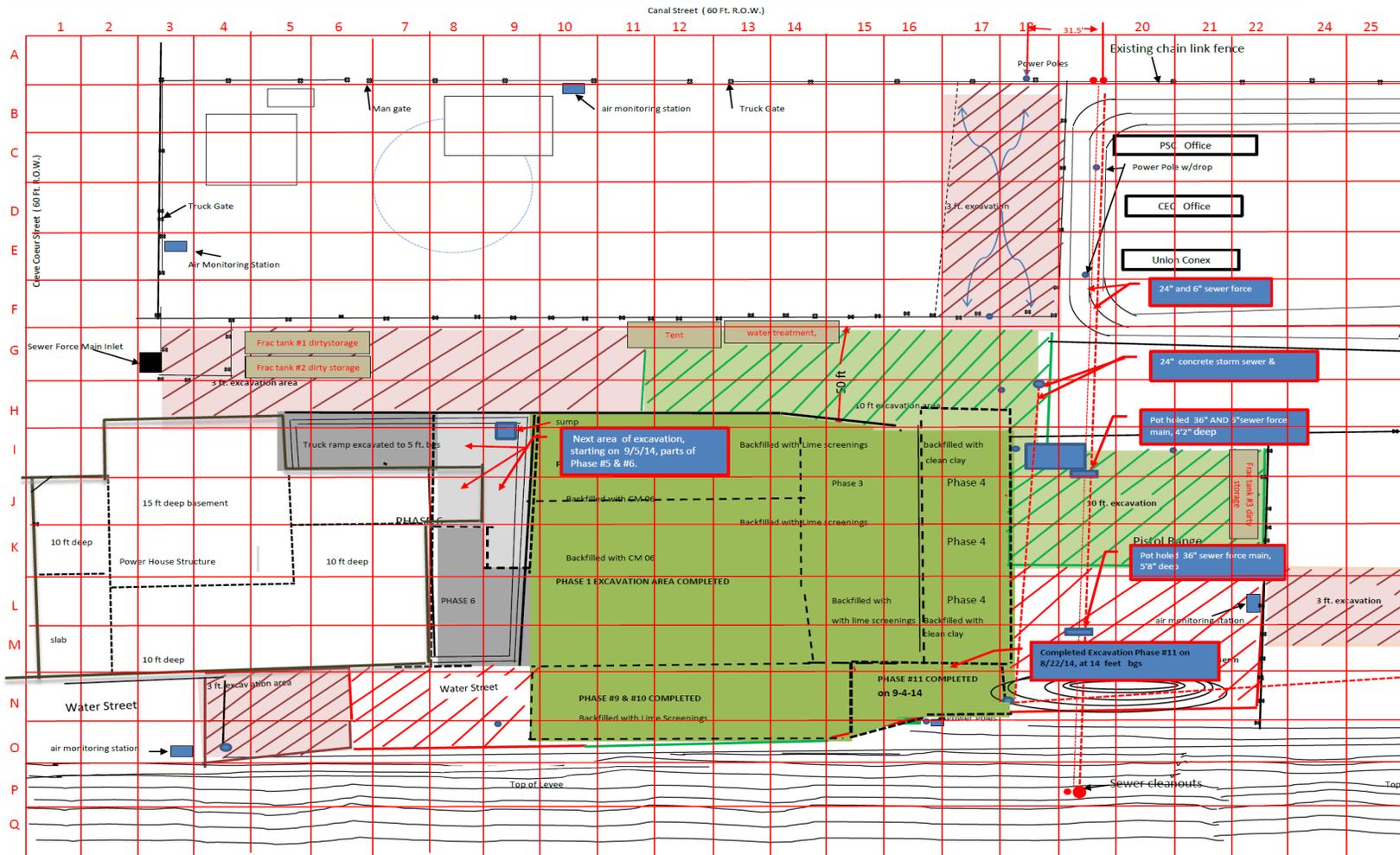
None



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

Period: September 1 through 7, 2014 (Week 51)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012



Illinois Michigan Canal



Period: September 1 through 7, 2014 (Week 51)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

LaSalle MGP Air Monitoring Progress Report Week Ending September 6, 2014

Developments During Reporting Period

Activities Performed

- The time-integrated sampling network was restarted on September 5th, 2014. Samples started on September 5th are expected to be recovered on September 8th and picked up by STAT on September 9th.
- 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 18th to August 21st have been received and presented in the updated preliminary time-integrated results provided on September 8th. 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

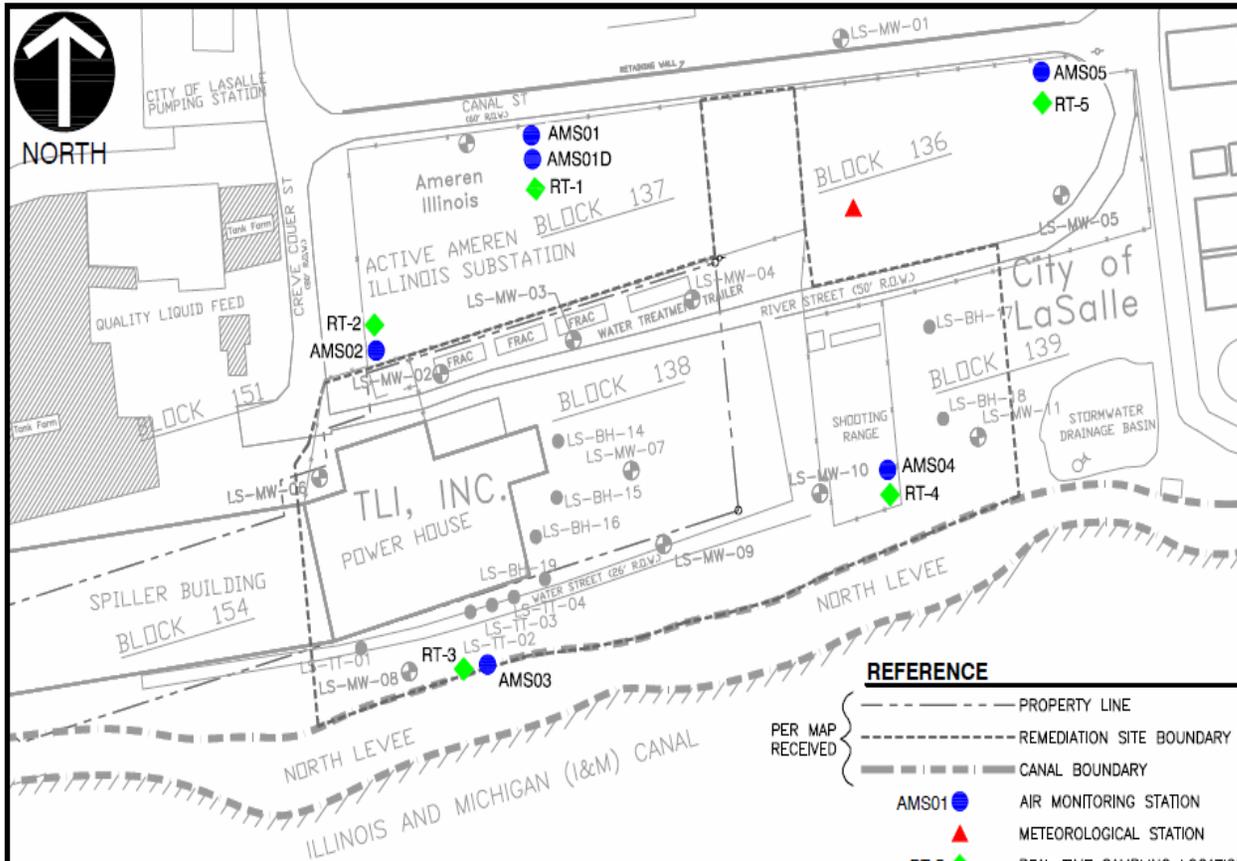
- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation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



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

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Completed By: Jeff Adams

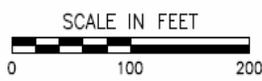
PSC Project Number 624-1202-0012



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: September 1 through 7, 2014 (Week 51)
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:

| | | |
|-------|------|-------|
| 33.17 | 0.00 | 33.87 |
| 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 | 342.81 | 32,731.76 | 120,000* | 0 |
| 0.00 | 0.00 | 0.00 | 0 | 0 |
| 35,950.77 | 342.81 | 36,293.58 | 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 | 176.65 | 15,233.60 | 0 | 0 |
| 15,656.79 | 1,753.75 | 17,410.54 | | |
| 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

| | | | | |
|-----------|----------|-----------|---|---|
| 33,094.60 | 1,930.40 | 35,025.00 | 0 | 0 |
| 471.90 | 43.95 | 515.85 | 0 | 0 |
| 3,768.71 | 0.00 | 3,768.71 | 0 | 0 |
| 0.00 | 0.00 | 0.00 | 0 | 0 |
| 37,335.21 | 1,974.35 | 39,309.56 | 0 | 0 |

Treated Wastewater:

Discharged to PDC (gallons)

| | | | | |
|---------|-------|---------|---|---|
| 504,300 | 9,000 | 513,300 | 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 | 4 | |
| 0 | 0 | 0 | 0 | 2 | |



Photograph looking SE of Phase #11 backfilled up to 2 feet bgs.



Photo looking south of IM canal with 3-4 feet fo water.



Excavating a sump in Phase #5 adjacent to the smoke stack foundation, east side



Phase 5 sump with impacted water accumulating.

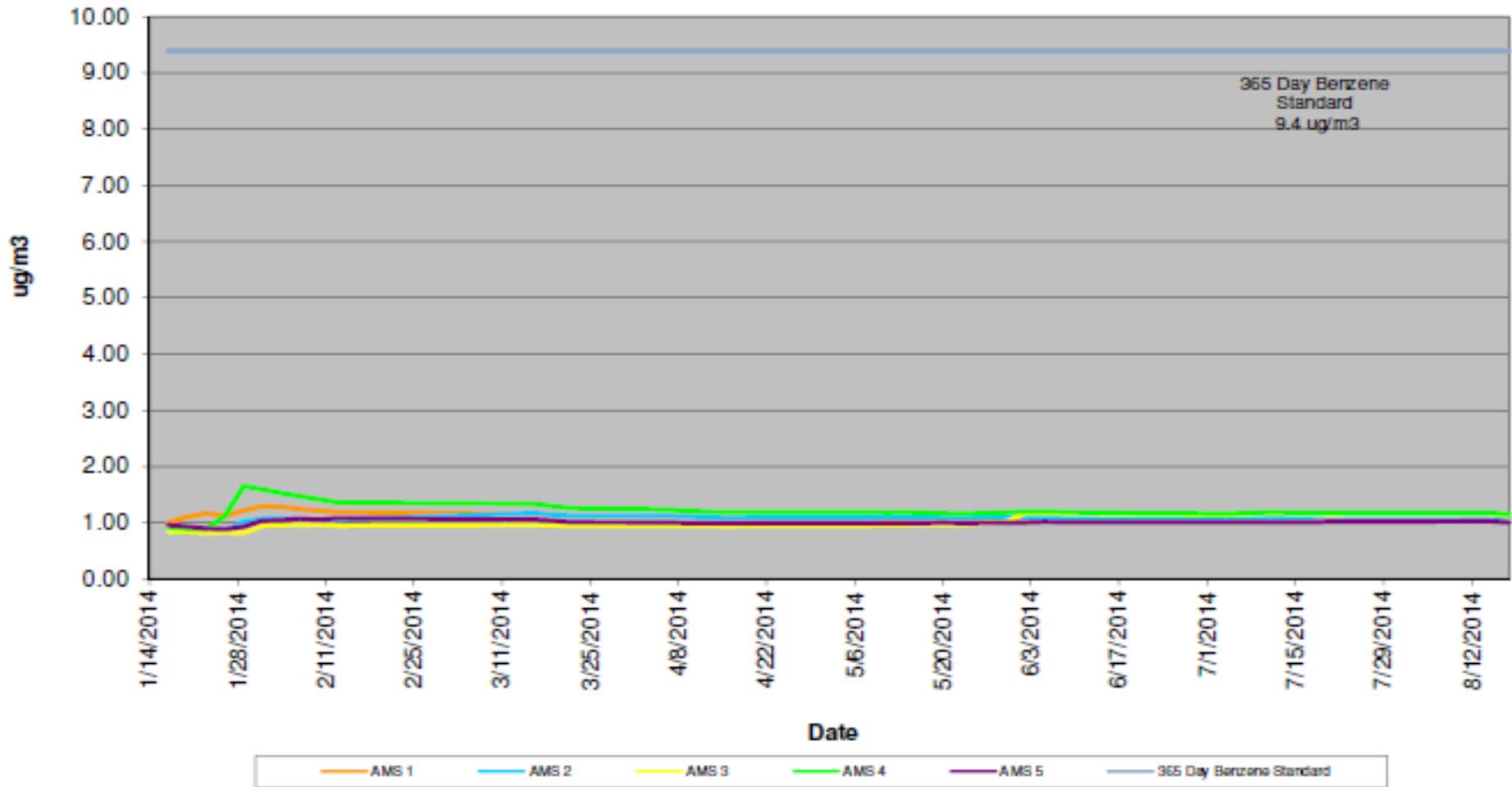


Material at base of stack foundation impacted, 12 feet, bgs

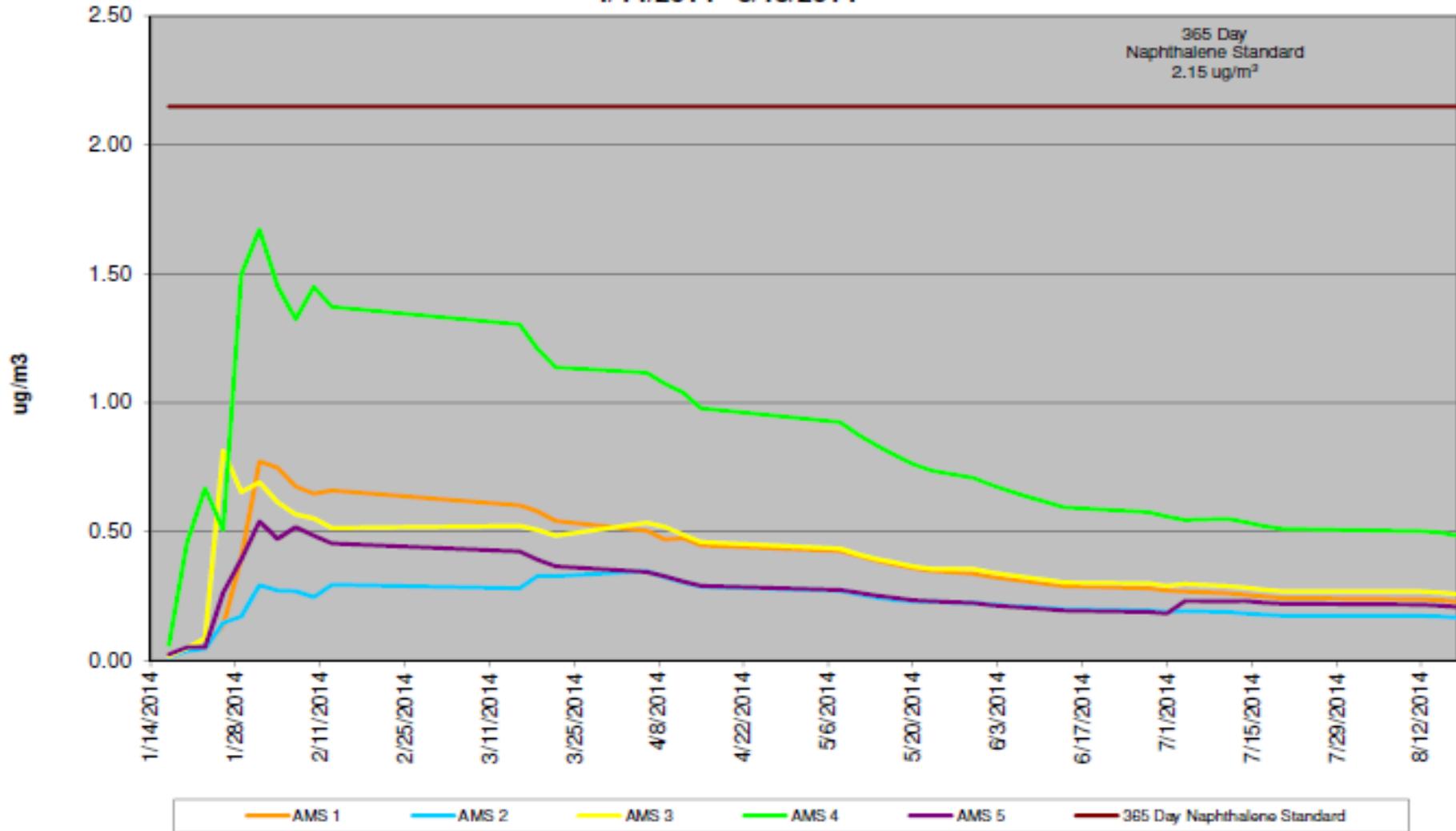


Northwest side looking SE at Phase #5 excavation

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 8/18/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 8/18/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 8/18/2014

