



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

Period: December 15 through 21, 2014 (Week 66)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

**General Remediation Activities Completed:**

*PSC continued active onsite remediation activities, continued demolition of the basement in Phase #7. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 9,696.33 tons of Construction Debris (0 tons this week) and 47,567.68 tons of Non-Source Material (0 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 6,181.97 tons of clay (0 tons this week) and 43,903.55 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, 763.58 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 20,000 gallons of water removed from the excavation are currently containerized, while approximately 987,900 gallons (40,000 this week) have been hauled offsite for disposal. THERE WILL BE NO ACTIVITIES ONSITE FOR TWO WEEKS. (Therefore no weekly reports will be completed) Activities resume on January 5, 2015.*

**Monday - December 15th:**

Continue demolition of basement in Phase #7. Excavators breaking concrete and removing sheet pile. Laborers pump 20,000 gallons into frac tanks and Bodine hauled 20,000 gallons offsite to PDC for disposal. Crushed rock was added to roads and paths.

**Tuesday - December 16th:**

Continue demolition of basement in Phase #7. Excavators breaking concrete and excavating test pits to estimate extent of impact below concrete subfloor. One load of scrap was hauled offsite today. Laborers pump 10,000 gallons into frac tanks and Bodine hauled 10,000 gallons offsite to PDC for disposal.

**Wednesday - December 17th:**

Continue demolition of basement in Phase #7. Excavators breaking concrete. One load of scrap was hauled offsite today. Laborers pump 10,000 gallons into frac tanks, and Bodine hauled 10,000 gallons offsite to PDC for disposal.

**Thursday - December 18th:**

Continue demolition of basement in Phase #7. Excavators breaking concrete and stockpiling debris. One load of scrap was hauled offsite today.

**Friday - December 19th:**

Continue demolition of basement in Phase #7. Excavators breaking concrete and stockpiling debris. One load of scrap was hauled offsite today. Laborers secure equipment for holiday break (two week shutdown).

**Saturday - December 20th:**

No site work performed.

**Health & Safety Activities:**

Weather Conditions:	Week began cloudy with temperatures in the upper 40s with light rain Monday, colder Wednesday thru Friday.
H&S Issues/Other:	Discussed "back to basics," It's not my job to send you home alive", slips trips and falls, and defensive driving, No recordable accidents or incidents occurred.

**Out of Scope Items:**

None



Remediation Footprint and Excavation Progress Map  
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TITLE  
EXCAVATION PROGRESS MAP

OWN: JMS	DES:
CHKD:	APPD:
DATE: 12/12/2014	REV:

PROJECT NO: 624-1201-0012 LaSalle MGP
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Period: December 15 through 21, 2014 (Week 66)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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## LaSalle MGP Air Monitoring Progress Report Week Ending December 20, 2014

### Developments During Reporting Period

#### *Activities Performed*

- Time-integrated sampling has been discontinued for the next several weeks as demolition activities are undertaken.
- 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). 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 thru include sampling events thru 11/5/14 which was the last set of time-integrated samples collected prior to only conducting real-time monitoring during the period of demolition. 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

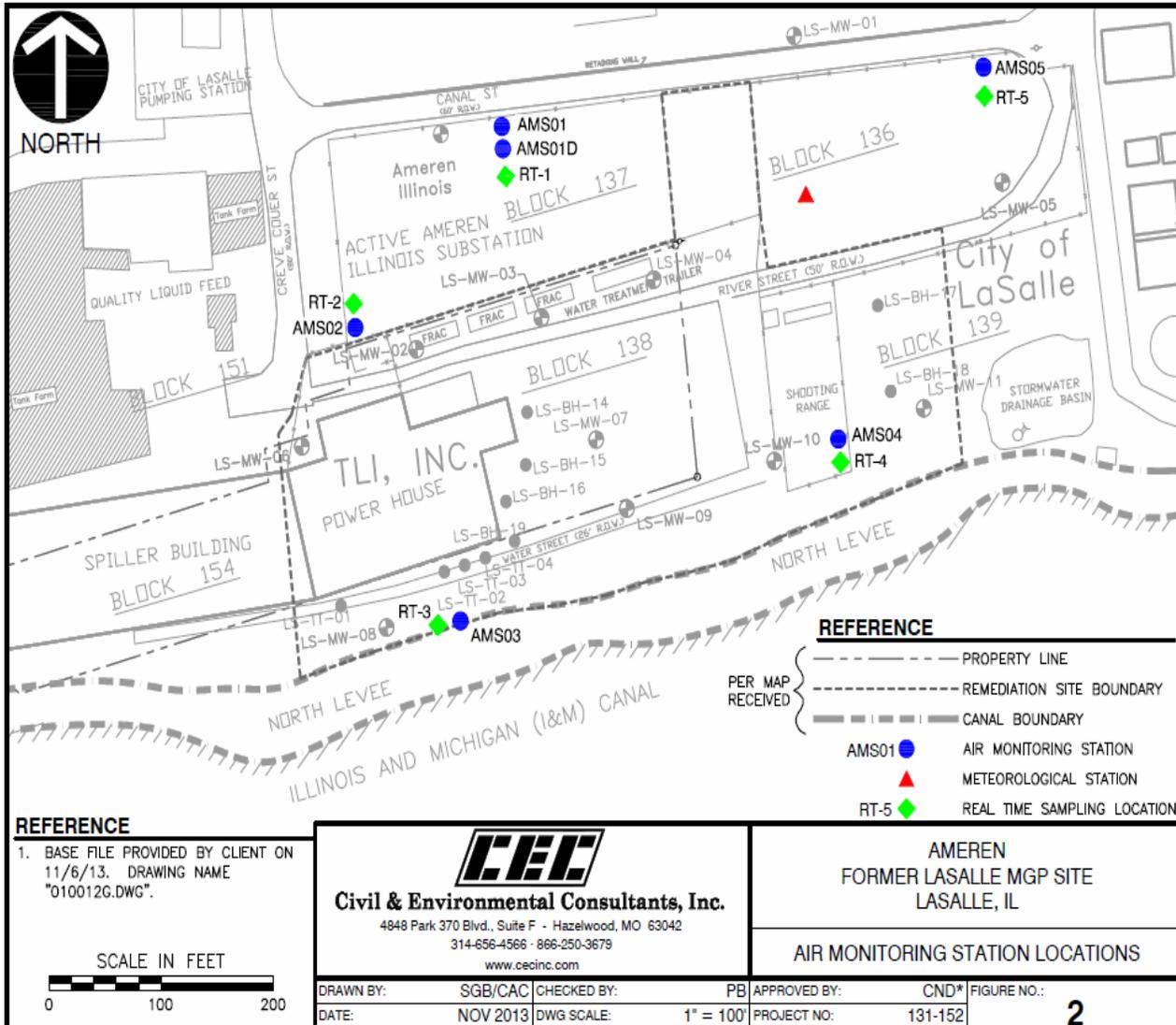
#### *Activities to be Performed*

- Real-time monitoring discontinued due to the site being shut down for the holidays.
- Resume real-time and time-integrated sampling when intrusive activities resume. Activities expected to resume January 5<sup>th</sup> or 6<sup>th</sup>.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- 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.

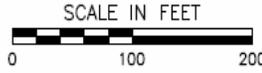
### Air Monitoring Station Locations Ameren LaSalle Former MGP - Soil Removal Action

Period: December 15 through 21, 2014 (Week 66)  
 Completed By: Jeff Adams

PSC Project Number 624-1202-0012



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



REFERENCE	
---	PROPERTY LINE
- - - -	REMEDIATION SITE BOUNDARY
---	CANAL BOUNDARY
●	AMS01 AIR MONITORING STATION
▲	METEOROLOGICAL STATION
◆	RT-5 REAL TIME SAMPLING LOCATION

**CEC**  
**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: December 15 through 21, 2014 (Week 66)  
Completed By: Jeff Adams

PSC Project Number

624-1202-0012

**Project Milestones**

**Actual Quantities**

Weather:

Rainfall (inches)

Snowfall (inches) winter 2014-2015

Prior Total:    This Period:    Total To Date:

40.22	0.40	40.62
2.00	0.00	2.00

snowfall for winter 2013-2014 was 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

9,696.33	0.00	9,696.33	0	0
47,567.68	0.00	47,567.68	120,000*	0
0.00	0.00	0.00	0	0
57,264.01	0.00	57,264.01	0	0

Addt. Solid Waste Material:

Clean Brick-Canon Pit (loads)

Asbestos Containing Material (ACM)-Republic (tons)

Scrap Material (loads)

United Scrap Material (weight)

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
67.14	44.77	111.91	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)

*Stone Backfill Subtotal*

CA-7, 1-Inch Clean Stone (tons)

Clean soil backfill (tons)

Top Soil (cubic yard)

TOTAL

15,233.60	0.00	15,233.60	0	0
24,903.54	0.00	24,903.54		
3,766.41	0.00	3,766.41	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
43,903.55	0.00	43,903.55	0	0
763.58	0.00	763.58	0	0
6,181.97	0.00	6,181.97	0	0
0.00	0.00	0.00	0	0
50,849.10	0.00	50,849.10	0	0

Treated Wastewater:

Discharged to PDC (gallons)

947,900	40,000	987,900	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




Looking SW at both excavators continuing work on SE corner basement demolition in Phase 7.



Test pit in grid K7, Phase #7. Impacted about 2-3 ft. below concrete



Pipes pulled from under sub-basement floor in southern portion of Phase 8.



Looking south at pipes full of water under basement floor in south side, draining towards sump.

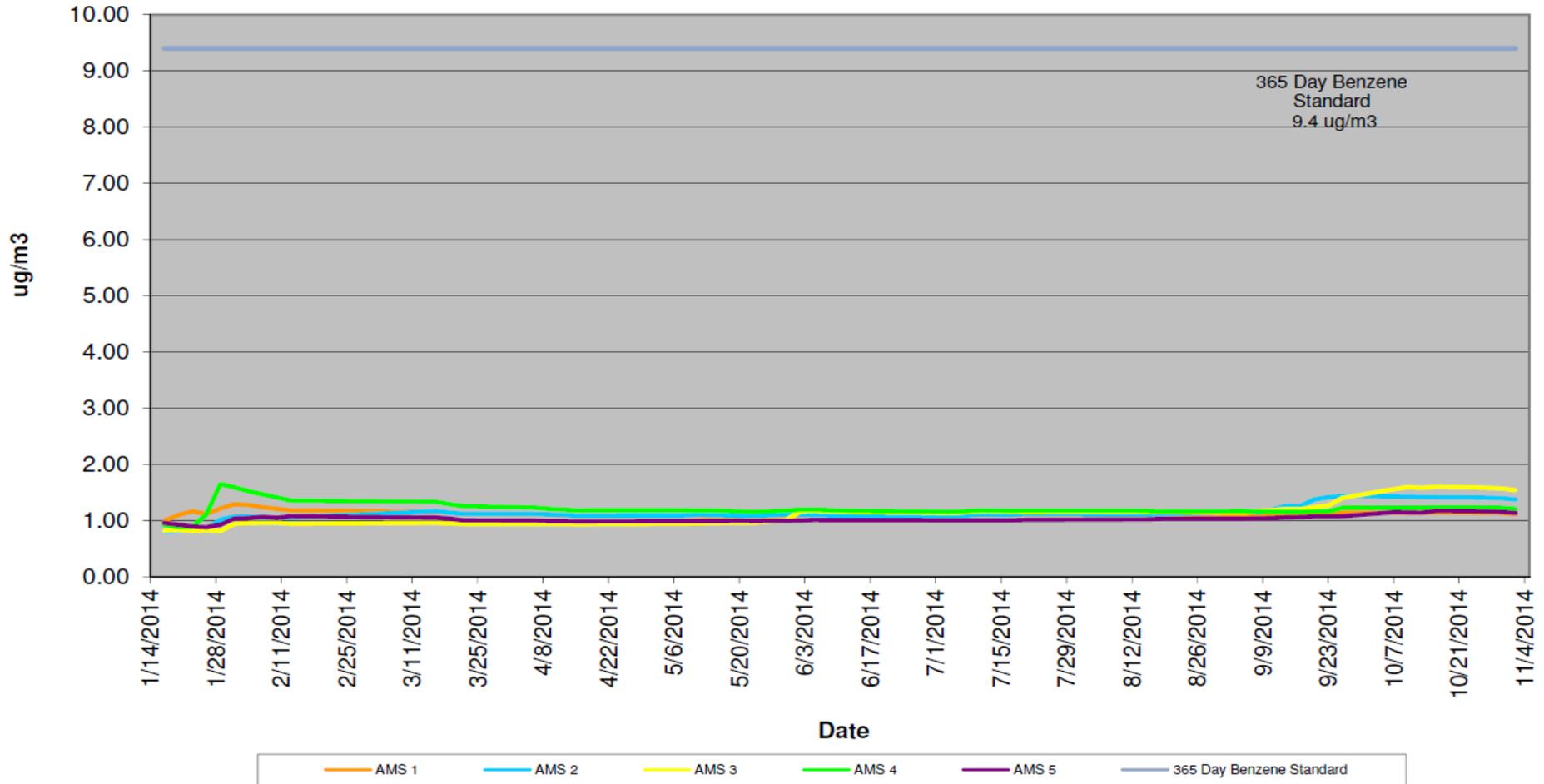


Looking south at concrete walls (over 2 ft. thick) near bottom of SE corner Phase 7.

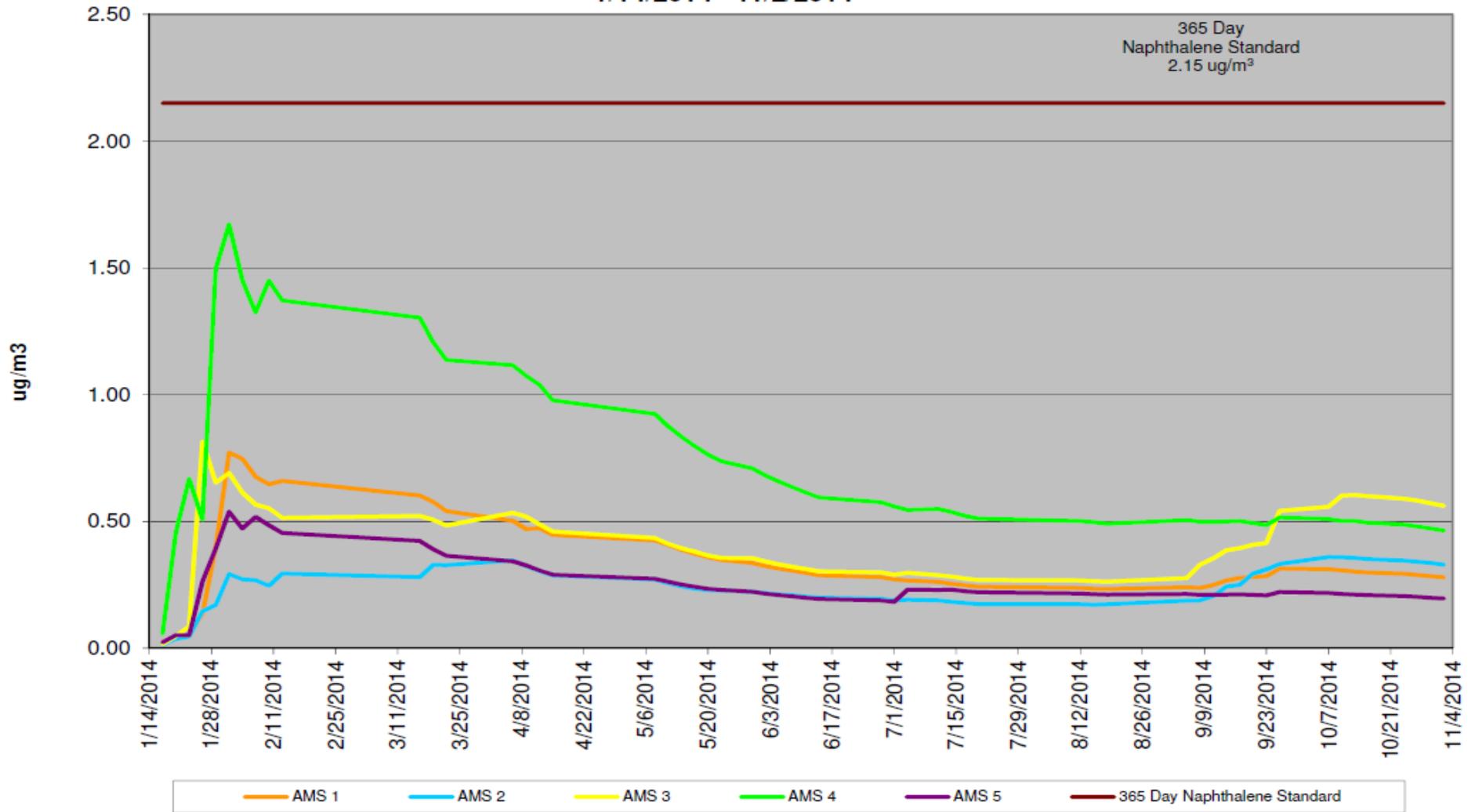


Looking south at Phase 7. Moving pump and power pack to top grade for holiday shutdown.

### Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 11/2/2014



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 11/2/2014



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 11/2/2014

