



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

Period: February 16 through 22, 2015 (Week 75)  
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

#### General Remediation Activities Completed:

PSC continued active onsite remediation activities; continued demolition in the basement and excavation below the concrete in Phase #7 and Phase #8. The figure on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 14,762.11 tons of Construction Debris (27.11 tons this week) and 52,062.95 tons of Non-Source Material (3,051.34 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, 888.79 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 36,000 gallons of water removed from the excavation are currently containerized, while approximately 1,209,600 gallons (10,000 this week) have been hauled offsite for disposal.

#### Monday - February 16th:

Continue excavation in Phase #s 7 and 8. Four trucks hauled impacted soil from stockpile to Republic Landfill for disposal. A round concrete structure was located under the basement floor in phase 7. There was no sampling in the canal this week.

#### Tuesday - February 17th;

Continue excavation in Phase #s 7 and 8. Four trucks hauled impacted soil from stockpile to Republic Landfill for disposal. Laborers pumped water (28,700 gallons) from the sump into one of the onsite frac tanks. Several driven wooden piers were removed from below the deepest basement area in phase 7, they were heavily impacted.

#### Wednesday - February 18th:

Continue excavation and demolition of basement in Phase #s 7 and 8. Four trucks hauled impacted soil from stockpile to Republic Landfill for disposal.

#### Thursday - February 19th:

Continue excavation and demolition of basement in Phase #s 7 and 8. Four trucks hauled impacted soil from stockpile to Republic Landfill for disposal.

#### Friday - February 20th:

Continue excavation and demolition of basement in Phase # 7. Four trucks hauled impacted soil from stockpile to Republic Landfill for disposal. Bodine hauled 2 loads (10,000 gallons) of water from frac tanks offsite to PDC for disposal.

#### Saturday - February 21st:

No site work performed.

#### Health & Safety Activities:

Weather Conditions: Week began cold, with temperatures in the teens Monday and Tuesday. Wednesday and Thursday temperatures were single digits. Friday was slightly warmer, with a high of 24 with snow showers.

H&S Issues/Other: Discussed driving, buckle up and live, stop fires, driving in bad weather, and cold 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

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PSC Project Number 624-1202-0012





Period: February 16 through 22, 2015 (Week 75)  
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

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**LaSalle MGP Air Monitoring Progress Report  
Week Ending February 21, 2015**

**Developments During Reporting Period**

*Activities Performed*

- Time-integrated air samples were collected from February 15<sup>th</sup> to February 18<sup>th</sup> and February 18<sup>th</sup> to February 21<sup>st</sup>. Samples collected on February 18<sup>th</sup> were picked up by STAT on February 18<sup>th</sup>. Samples collected on February 21<sup>st</sup> are expected to be picked up by STAT on February 23<sup>rd</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). 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 February 12<sup>th</sup> were reported via email on February 23<sup>rd</sup>. 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*

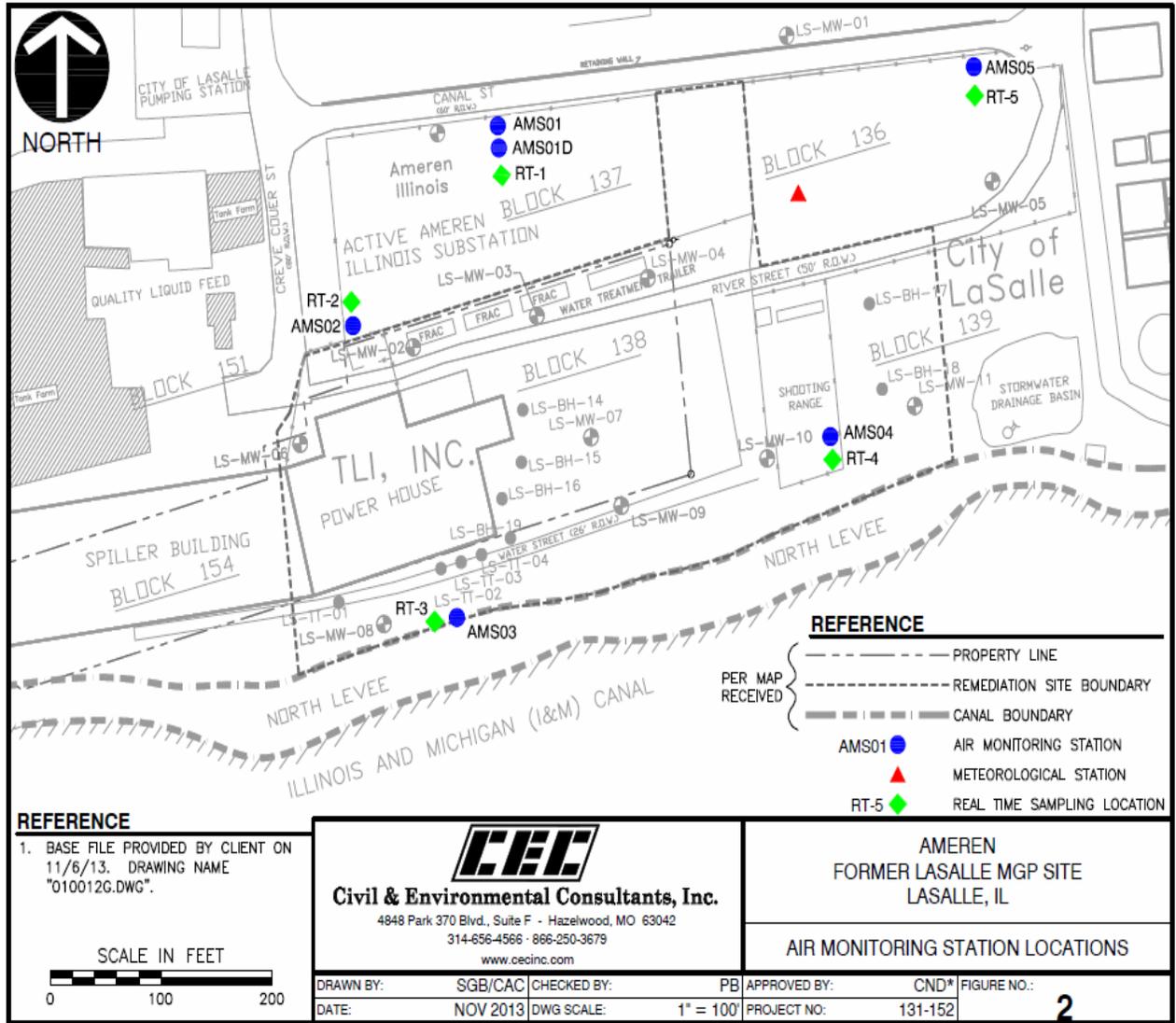
- Real-time monitoring continuing during remedial activities.
- Conduct time-integrated sampling during intrusive activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical data and prepare preliminary air monitoring results 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**

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

Period: February 16 through 22, 2015 (Week 75)  
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PSC Project Number

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**Project Milestones**

Actual Quantities

Weather:

Rainfall (inches)  
Snowfall (inches) winter 2014-2015

Prior Total:    This Period:    Total To Date:

1.30	0.00	1.30
29.25	0.00	29.25

2014 total 41.82" rain  
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

14,735.00	27.11	14,762.11	0	0
49,011.61	3,051.34	52,062.95	120,000*	0
0.00	0.00	0.00	0	0
63,746.61	3,078.45	66,825.06	0	0

Add. 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
111.91	0.00	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)

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

Stone Backfill Subtotal

CA-7, 1-Inch Clean Stone (tons)  
Clean soil backfill (tons)  
Top Soil (cubic yard)  
TOTAL

888.79	0.00	888.79	0	0
6,181.97	0.00	6,181.97	0	0
0.00	0.00	0.00	0	0
50,974.31	0.00	50,974.31	0	0

Treated Wastewater:

Discharged to PDC (gallons)

1,199,600	10,000	1,209,600	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

4	4	4	4	4	
4	4	4	4	4	



Looking west from phase 6 into phase 7 at deep portion of basement excavation (SE corner of basement).



Looking northwest at round concrete structure below floor level, in Phase 7, east of trench vault wall



Looking northwest at removed tree posts that were apparently used as pylons driven 20 feet under concrete floor in SE basement corner



Looking North at concrete pier in North side of the Phase 7 excavation. Framing surrounding the pier is heavily impacted.

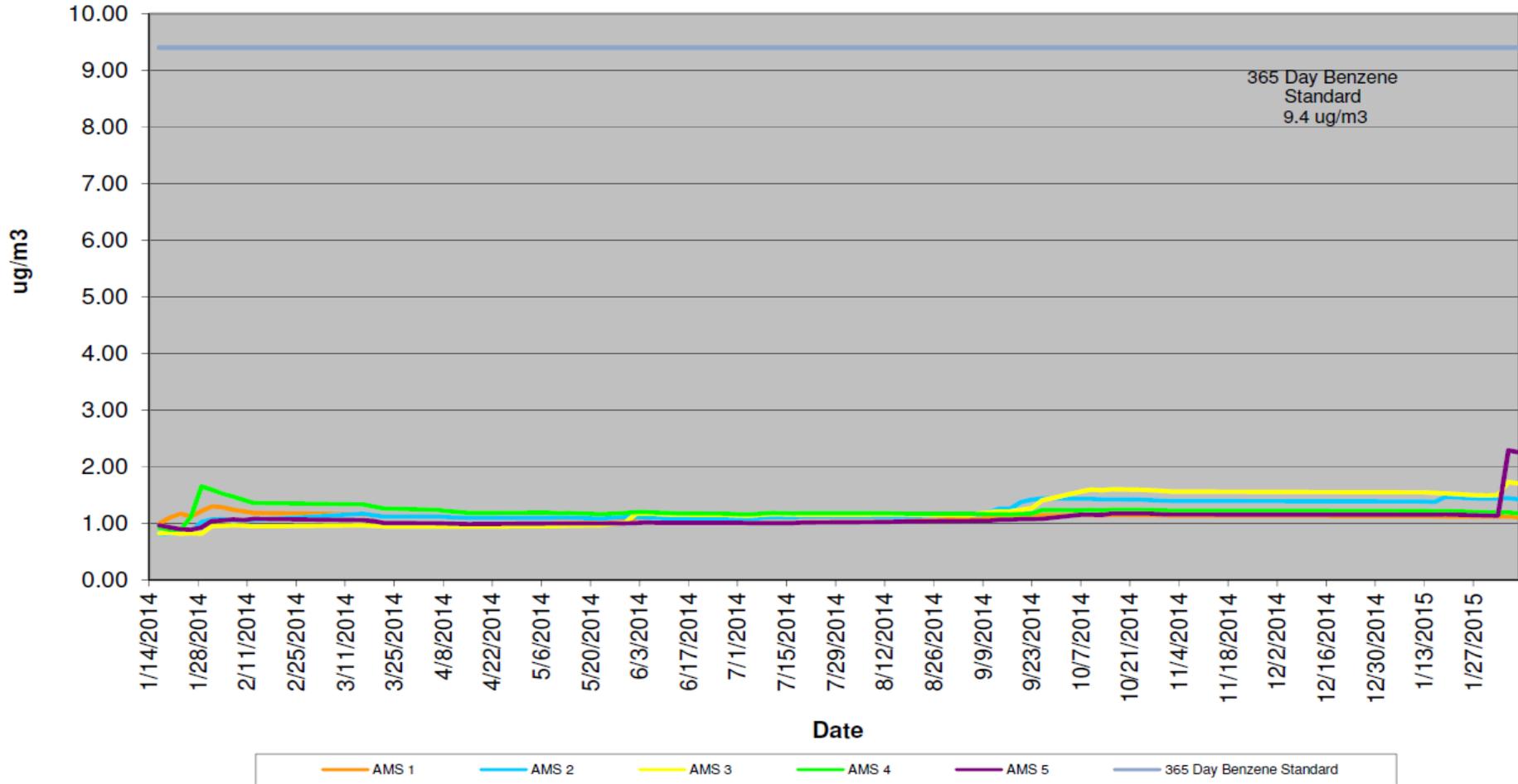


Looking southwest at phase 7 excavation. Arrows show locations of a 7 foot square pier that extends about 8 feet below the basement floor (left) and a round steel structure that has not been explored (right).

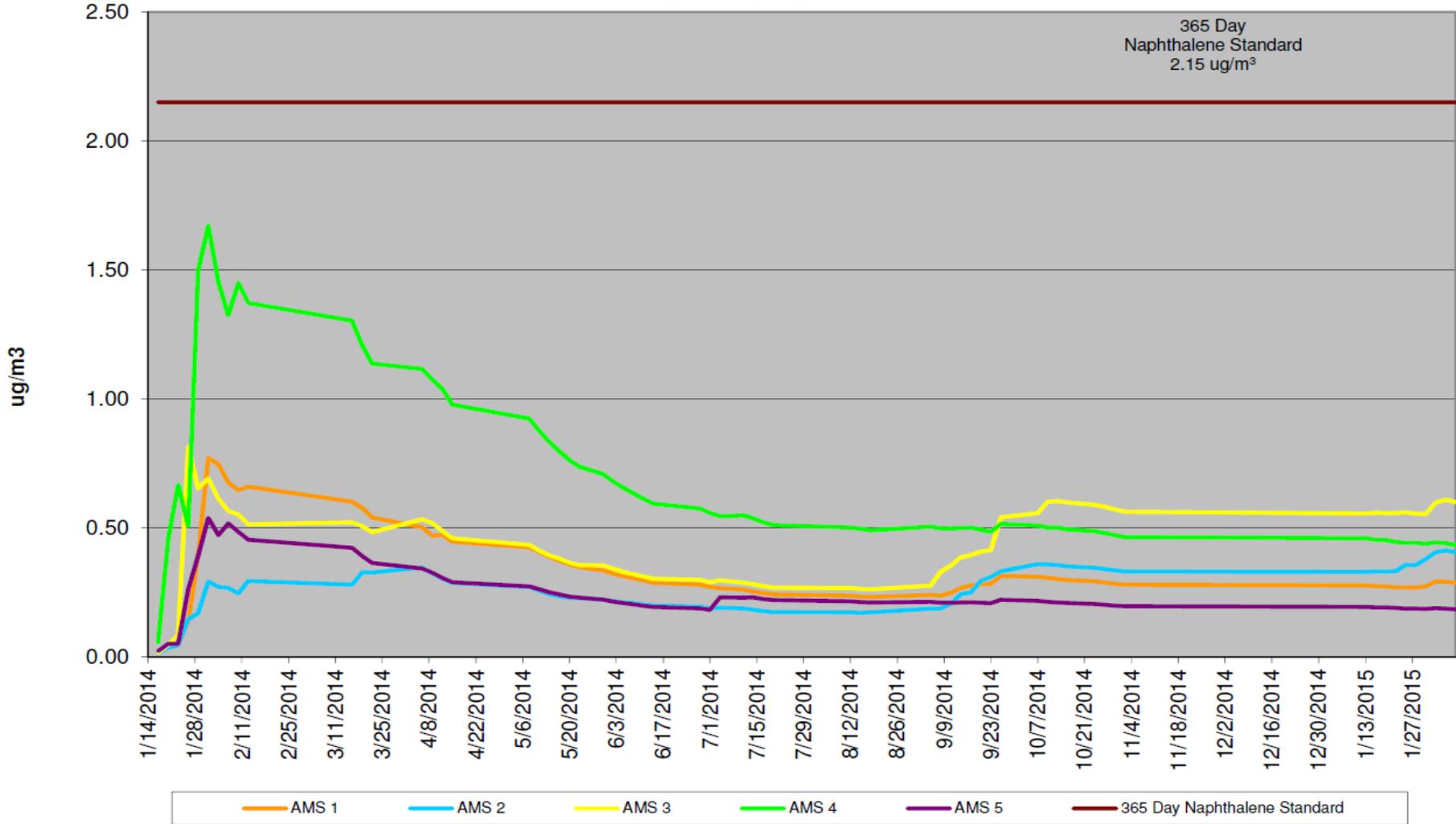


Looking South in Phase 7, there is a concrete pier with heavy staining in the foreground, the excavator is removing stained rock and wood fill.

### Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 2/9/2015



### Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 2/9/2015



### Preliminary PM<sub>10</sub> Running Averages LaSalle MGP Site 1/14/2014 to 2/9/2015

