



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

Period: July 6 through July 12, 2015 (Week 95)
Completed By: Mark Kroenig

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

Site work was delayed again this week as the site was flooded and water levels were high. The union crew did not work this week. A total of 16,662.50 tons of Construction Debris (0 tons this week) and 59,743.03 tons of Non-Source Material (0 tons this week) has been removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 6,181.97 tons of clay (0 tons this week) and 87,921.38 tons of rock (lime screenings, one-inch minus, two- to three-inch clean rock, and CA6) (0 tons this week) has been brought in for backfill. To address the haul roads and parking areas, a total of 1,298.25 tons of one-inch clean rock has been brought in (0 tons this week). Approximately 2,000 gallons of water removed from the excavation are currently containerized, while approximately 1,766,100 gallons (0 this week) have been hauled offsite for disposal.

Monday - July 6:

The river level dropped several feet over the weekend to 24.2'. The water onsite along the canal berm also dropped; if more water was removed from the storm water basin, site work could resume. The union crew was not working again today due to the high water in the canal and storm water basin. QLF began pumping water into the wastewater treatment plant (WWTP), but was shut down after 15 minutes after the city's tests revealed ammonia levels were too high. QLF set up diffusers in the storm water basin to try to lower ammonia levels.

Tuesday - July 7:

The river level dropped five inches from Monday morning despite rain Monday night. Water levels on site rose and the storm water basin flooded River Street. The union crew was not working again due to high water levels in the canal and on site. QLF ran both diffusers overnight and throughout the day.

Wednesday - July 8:

The river level did not drop from Tuesday morning. The union crew did not work again due to high water levels on and off site. QLF did not run the air compressor for the diffusers overnight, but ran it again in the early morning.

Thursday - July 9:

The river level dropped slightly since Wednesday morning, but the site received more rain and the water levels are predicted to rise to 23.9' and crest on Saturday. The union crew did not work today due to high water levels in the canal and on site. QLF did not run the air compressor for the diffusers overnight. QLF aerated again early in the morning and mentioned that they will try to use a biologic treatment to treat the ammonia.

Friday - July 10:

The river level rose slightly, with a new prediction of cresting at 24.1' on Saturday. The union crew did not work due to high water levels. QLF did not run the air compressor overnight, but began running them in the morning. The basin was covered with froth due to the additives QLF mentioned that they were going to try.

Saturday - July 11:

No work performed today.

Health & Safety Activities:

Weather Conditions: This week had a mix of clouds and sunshine, with showers off and on throughout the week. Highs ranged from 66 - 86 degrees F, while lows ranged from 56 - 67 degrees F.

H&S Issues/ Other: Safety topics for the week included performing self-assessments.

Out of Scope Items:

Work was stopped due to high water levels and site flooding; union crew did not work this week.



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

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**Air Monitoring Activity Summary Report
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**LaSalle MGP Air Monitoring Progress Report
Week Ending July 11, 2015**

Developments During Reporting Period

Activities Performed

- Time-integrated air sampling is currently suspended. Time-integrated sampling is expected to resume the week of July 18th.
- 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 thru include sampling events thru April 15th were reported via email on May 1st. 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

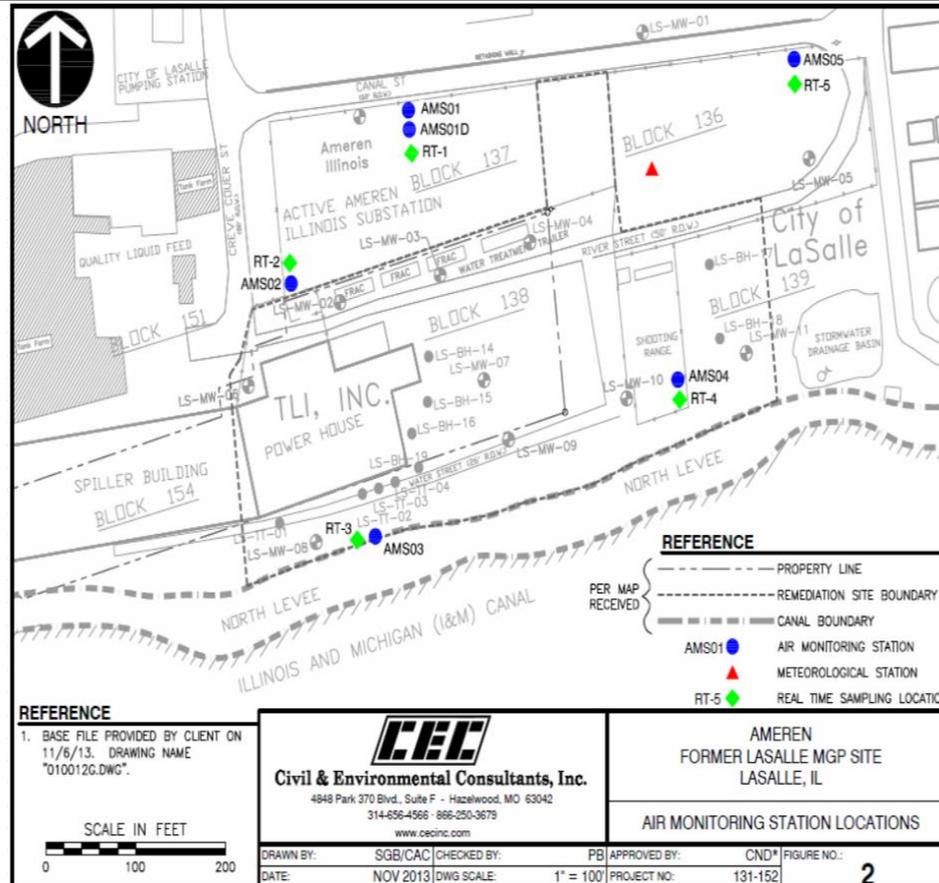
- CEC expects to resume time-integrated air monitoring at the five air monitoring stations the week of July 18th.
- Real-time monitoring continuing during remedial activities.
- Continue monitoring and reporting of real-time air monitoring results during the project.
- Review time-integrated analytical 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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Standing on the berm looking south at the canal; the water level is at 24.2' and dropping.



Standing on the berm looking east at water backed up from the drop inlet west of the former police shooting range.





Looking south at Phases 14/15 at standing water in the excavation area.



Looking northwest, the on-site pooled water is receding, presumably back through the canal berm.





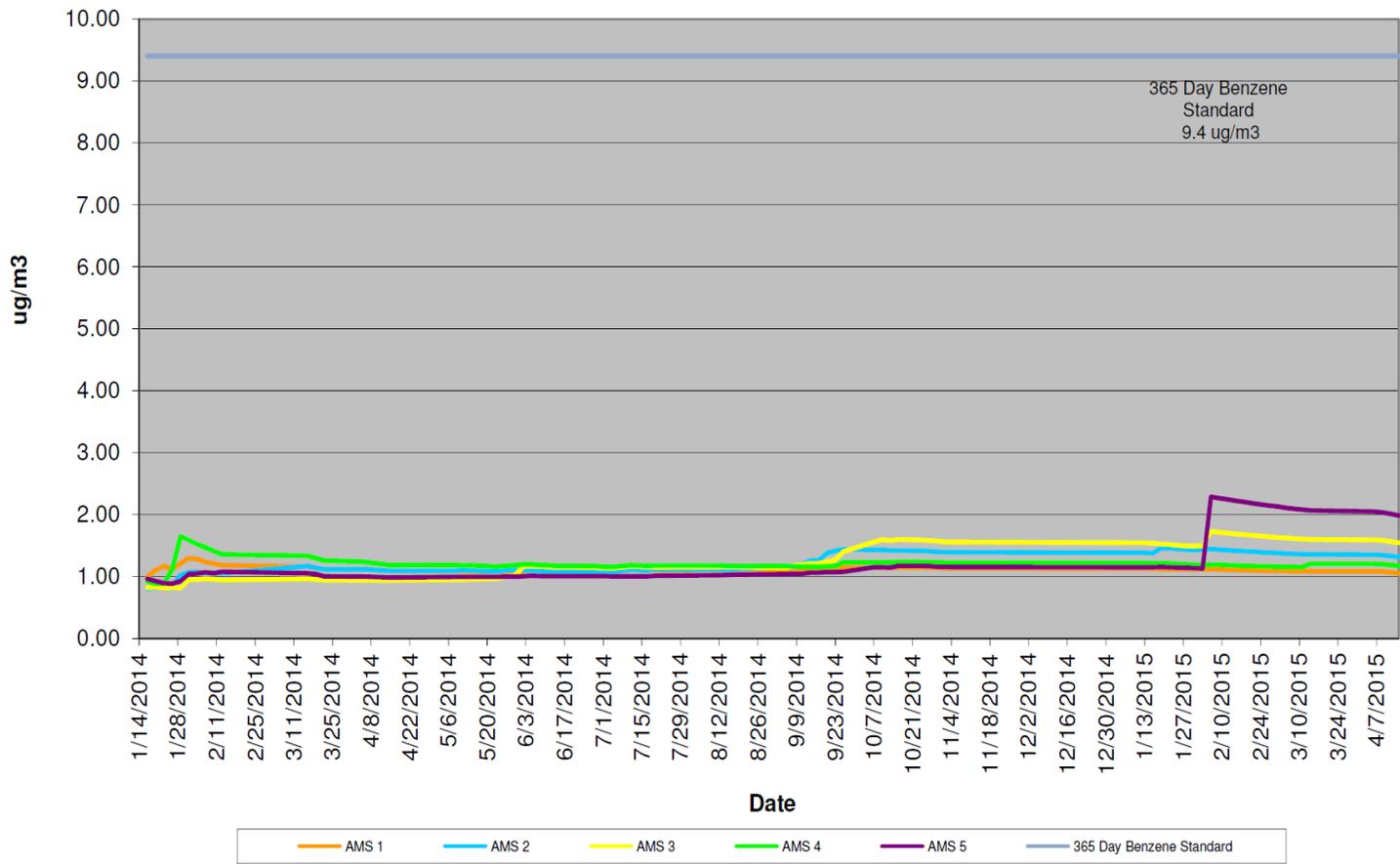
Looking southeast, water is still backed up on River Street and Creve Coeur Street is still closed.



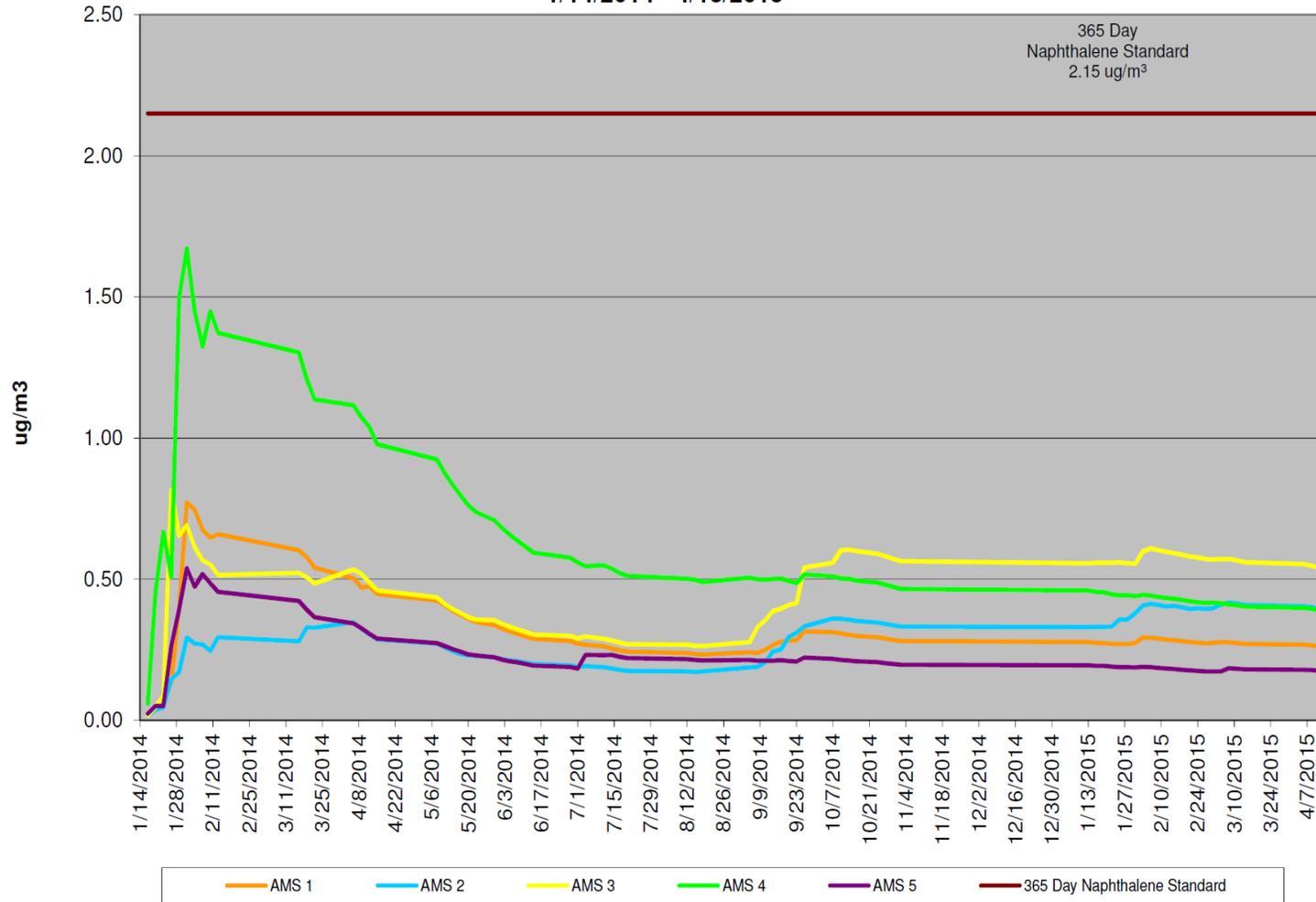
Condition of the storm water basin (full of ammonia-impacted water) after being treated with a biologic treatment.



Preliminary Benzene Running Averages LaSalle MGP Site 1/14/2014 - 4/15/2015



**Preliminary Naphthalene Running Averages
LaSalle MGP Site
1/14/2014 - 4/15/2015**



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 4/15/2015

