



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

Period: June 30 - July 06, 2014 (Week 42)
Completed By: Jeff Adams

PSC Project Number 624-1202-0012

General Remediation Activities Completed:

PSC continued active onsite remediation activities, including attempts to excavate and repair the broken stormwater pipe in the southwest corner of Phase 1, and prepare for excavation in Phases 9 and 10. However, significant rains and resulting standing water issues caused most of the week to be devoted to water management. 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 23,881.09 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 23,202.36 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, 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 40,000 gallons of water removed from the excavation are currently containerized, while approximately 249,000 gallons (80,000 this week) have been hauled offsite for disposal.

Monday - June 30th:

Continued attempts to excavate and repair the broken stormwater pipe in the southwest corner of Phase 1, and prepared for excavation in Phases 9 and 10. Approximately 15,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 20,000 gallons (4 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and continued pumping water from the stormwater basin into the WWTP.

Tuesday - July 1st:

Two inches of rain overnight (along with 1.3" over the weekend) have caused significant standing water issues; operators were sent home and day was devoted to water management. Approximately 28,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 20,000 gallons (4 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal, but were not allowed to pump water from the stormwater basin into the WWTP. United Trench Safety on Site to deliver the 12"-24" pipe plug.

Wednesday - July 2nd:

No operators working again; day was devoted to water management. Approximately 25,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 20,000 gallons (4 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out two loads (~10,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and resumed pumping water from the stormwater basin into the WWTP. The storm drain on the south side of the Site is flooded and too deep to install the pipe plug.

Thursday - July 3rd:

No operators working again; day was devoted to water management. Approximately 25,000 gallons of impacted water were pumped from the Phase 1 & 5 excavations into frac tanks. Approximately 20,000 gallons (4 truck loads) of impacted water were removed from frac tanks for disposal to PDC in Clinton, IL. QLF hauled out one load (~5,000 gallons) of ammonia-impacted water from the basement for offsite disposal, and continued pumping water from the stormwater basin into the WWTP. QLF asked the City if they could use a larger pump to transfer water from the stormwater basin, but the City refused. Site was shut down at noon for the holiday weekend.

Friday - July 4th:

No site work performed due to the Independence Day holiday.

Saturday - July 5th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Partly cloudy and humid with periods of rain and thunderstorms and high temperatures in the 80s.
H&S Issues/Other: Traffic control, inclement weather, and heat exhaustion. No recordable accidents or incidents occurred.

Out of Scope Items:

None



**Air Monitoring Activity Summary Report
Ameren LaSalle Former MGP - Soil Removal Action**

Period: June 30 - July 06, 2014 (Week 42)
Completed By: Chris Dawdy

PSC Project Number

624-1202-0012

Developments During Reporting Period

Activities Performed

- Time-integrated sampling resumed on June 25th as excavation activities resumed.
- Time-integrated sampling was conducted from June 25th through June 28th and June 28th to July 1st. Sampling was discontinued after July 1st based on PSC not excavating in impacted areas. Time-integrated sampling is expected to restart on July 8th.
- The samples collected on June 28th were picked up by STAT on July 1st, 2014. Samples collected on July 1st were picked up on July 3rd.
- 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).

Sampling Problems Encountered

- None

Real-time Air Quality Exceedances Detected

- None

Time-integrated Analytical Data Received

- The time-integrated sampling results have been updated to include sampling results through June 11, 2014. 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

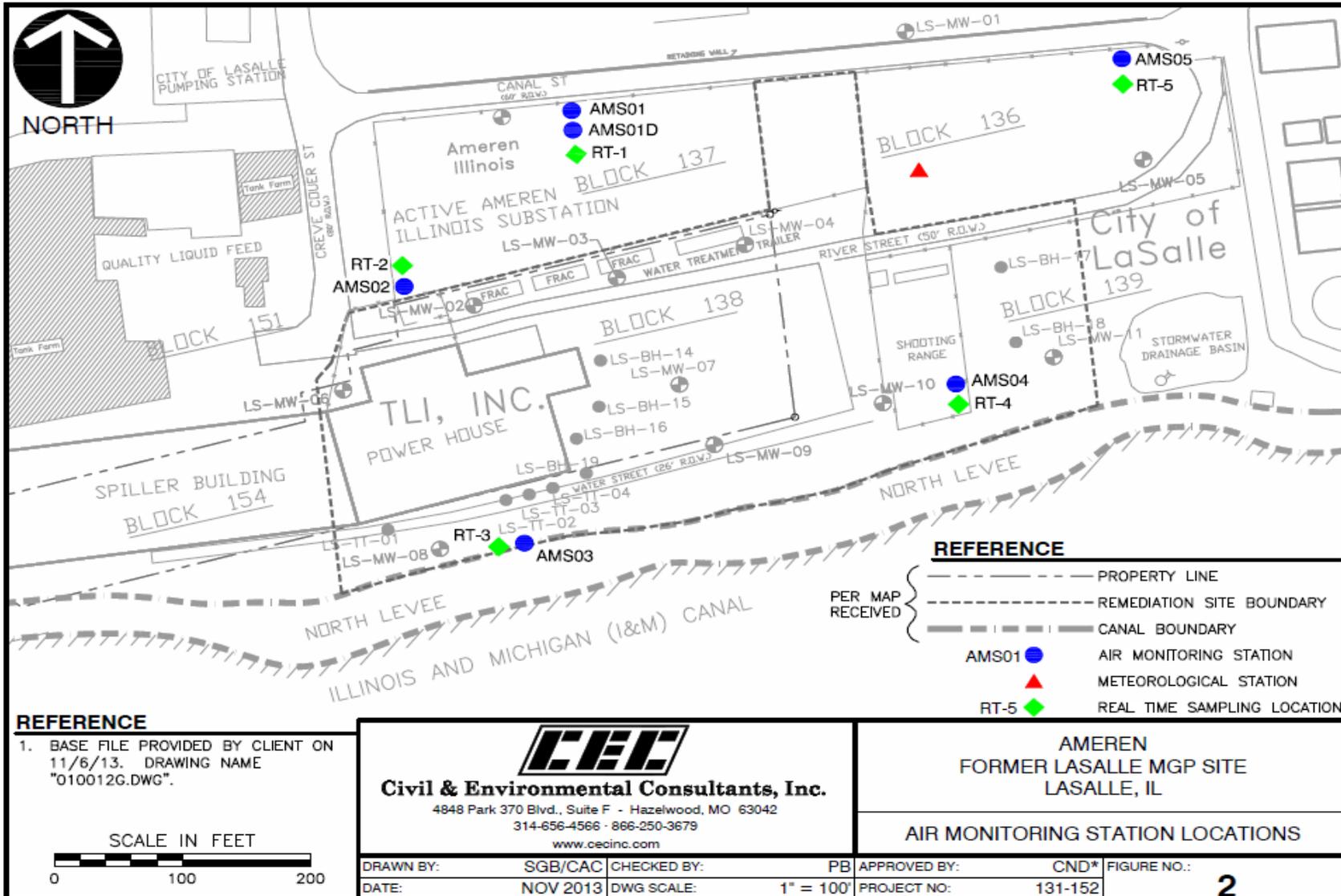
- Continue to perform time-integrated sampling at the site once intrusive activities resume.
- Continue monitoring and reporting of real-time air monitoring results.
- Review time-integrated analytical data and prepare preliminary air monitoring results as they become available.
- Perform data validation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



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

Period: June 30 - July 06, 2014 (Week 42)
 Completed By: Jeff Adams

PSC Project Number 624-1202-0012





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

Period: June 30 - July 06, 2014 (Week 42)
 Completed By: Jeff Adams

PSC Project Number

624-1202-0012

Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
 Snowfall (inches)

<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>
24.22	3.45	27.67
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

	Prior Total	This Period	Total To Date	Original	Revised
Construction & Demolition Debris-Republic (tons)	3,561.82	0.00	3,561.82	0	0
MGP Impacted Soil (Non Source)-Republic (tons)	23,881.09	0.00	23,881.09	120,000*	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	27,442.91	0.00	27,442.91	0	0

Add. Solid Waste Material:

Clean Brick-Canon Pit (loads)
 Asbestos Containing Material (ACM)-Republic (tons)
 Scrap Material (loads)

	Prior Total	This Period	Total To Date	Original	Revised
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)
 Lime Screenings (tons)
 CS-02, 2 to 3-Inch Clean Stone (tons)
 2-Inch Clean Stone (tons)
 1 1/2-Inch Rock (tons)

	Prior Total	This Period	Total To Date	Original	Revised
CM-06, 1-Inch Minus (tons)	15,056.95	0.00	15,056.95	0	0
Lime Screenings (tons)	6,284.06	0.00	6,284.06		
CS-02, 2 to 3-Inch Clean Stone (tons)	1,861.35	0.00	1,861.35	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

Stone Backfill Subtotal

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

<u>Stone Backfill Subtotal</u>	23,202.36	0.00	23,202.36	0	0
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
TOTAL	27,442.97	0.00	27,442.97	0	0

Treated Wastewater:

Discharged to PDC (gallons)

Discharged to PDC (gallons)	169,000	80,000	249,000	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
 Requested

Actually Received	2	2	2	2	0	
Requested	2	2	2	2	0	



Excavator deepening the sump in Phase 1; facing south.



Bodine loading tanker truck with impacted water from frac tanks for offsite disposal; facing west.



View of water level in Phase 1 excavation after heavy rains; facing south.



View of water level in Phase 5 excavation after heavy rains; facing southwest.

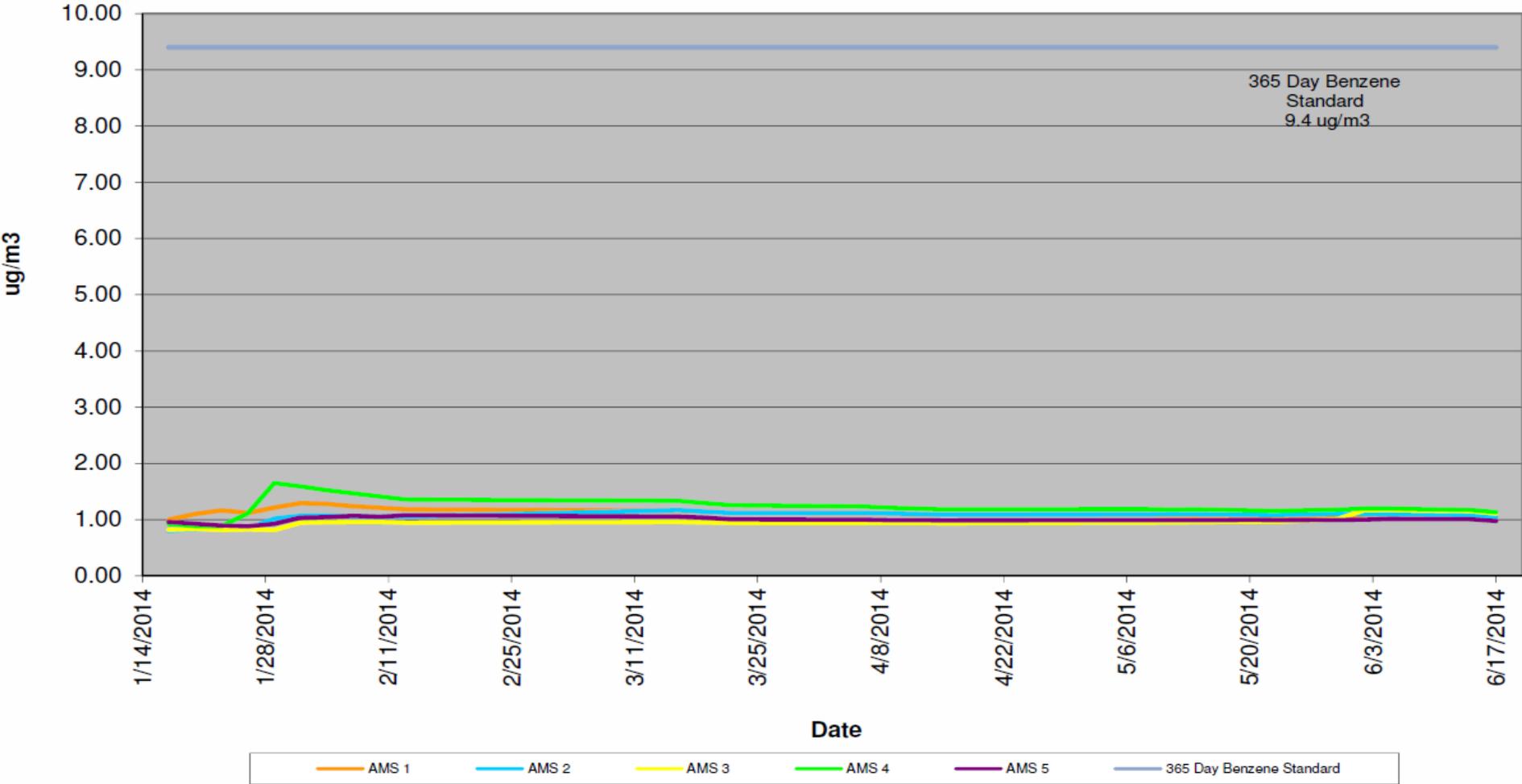


View of water backed up from the stormwater basin along the canal berm; arrow depicts the flooded drop inlet where the pipe plug is to be installed; facing east.

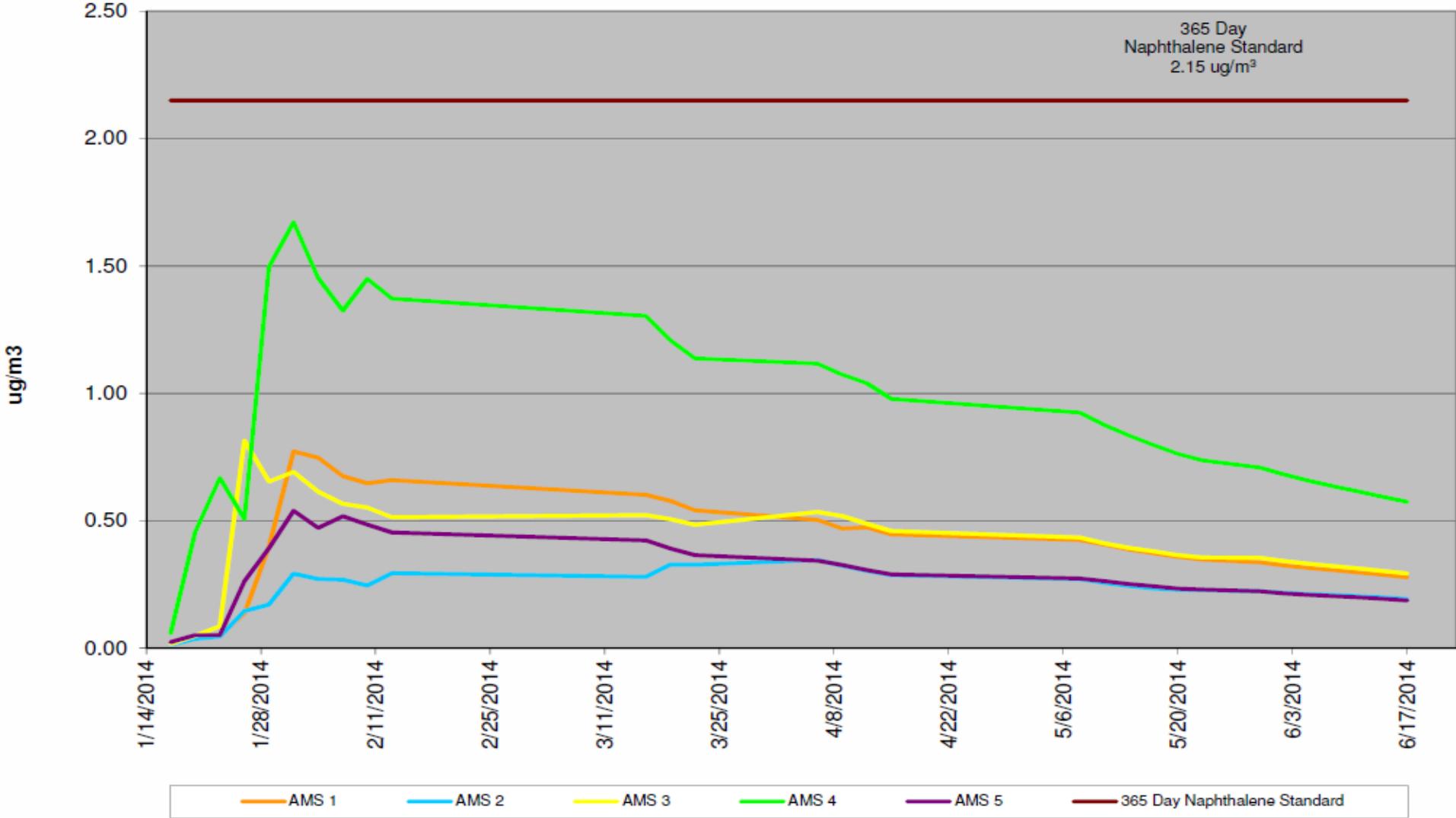


View of flooded stormwater basin encroaching into River Street; facing south.

**Preliminary Benzene Running Averages
LaSalle MGP Site
1/14/2014 - 6/17/2014**



Preliminary Naphthalene Running Averages LaSalle MGP Site 1/14/2014 - 6/17/2014



Preliminary PM₁₀ Running Averages LaSalle MGP Site 1/14/2014 to 6/17/2014

