



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

Period: March 31 - April 6, 2014 (Week 29)

PSC Project Number

624-1202-0012

Completed By: Jeff Adams

General Remediation Activities Completed:

PSC continued active onsite remediation including backfilling of the Phase II excavation with clean, crushed stone to ground surface, and beginning the excavation of Phase III. The sketch on Page 2 shows the extent of the excavation and completed backfilling activities. A total of 1,335.09 tons of Construction Debris (0 tons this week) and 15,020.06 tons of Non-Source Material (1,434.02 tons this week) were removed and hauled to Republic Services-Ottawa, Illinois Landfill. A total of 290 tons of clay (0 tons this week) and 15,530.76 tons of rock (one-inch minus and two to three-inch clean rock; 1,740.73 tons this week) have been hauled onsite to use as backfill material. In addition, 317.30 tons of clean one-inch stone (0 tons this week) have been brought in to address the haul roads and parking areas. Approximately 30,000 gallons of water (0 gallons this week) have been removed from the excavation and containerized. Compaction tests were completed as needed.

Monday - March 31st:

Continue backfilling and compaction of Phase II excavation with CM-06 rock. Approximately 531 tons of rock were brought in from Vulcan's Lisbon Quarry. Performed two lifts today (Lifts 9 & 10); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Begin installing straw bales and silt fencing near drop inlets. PSC met with John Pohar to take a closer look at potential backfill material and collect a sample for Proctor analysis. QLF resumes pumping water from the stormwater basin.

Tuesday - April 1st:

Continue backfilling and compaction of Phase II excavation with CM-06 rock. Approximately 699 tons of rock were brought in from Vulcan's Lisbon Quarry. Performed two lifts today (Lifts 11 & 12); compaction tests were performed by Midwest Testing Services, Inc. (Midwest).

Wednesday - April 2nd:

Continue and complete backfilling and compaction of Phase II excavation with CM-06 rock. Approximately 533 tons of rock were brought in from Vulcan's Lisbon Quarry. Performed one final lift today (Lift #13); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Prepare for Phase III excavation by placing berms, improving access roads, etc. A representative from ChemCare on site to look at impacted water and to take samples from both MW-8 and the south side of the basement.

Thursday - April 3rd:

Begin excavation of impacted material from Phase III excavation. Approximately 675 tons of material were removed and transported to Republic's Ottawa, Illinois landfill. Jeff A. on site for visit. Experienced some delays due to rain.

Friday - April 4th:

Continue excavation of impacted material from Phase III excavation. Approximately 756 tons of material were removed and transported to Republic's Ottawa, Illinois landfill. A new site-specific conversion factor was calculated to be 2.1 tons per cubic yard.

Saturday - April 5th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly cloudy with some rain and high temperatures from the 40s to the 60s

H&S Issues/Other: Overhead power lines, hand safety, and dehydration. No recordable accidents or incidents occurred.

Out of Scope Items:

None

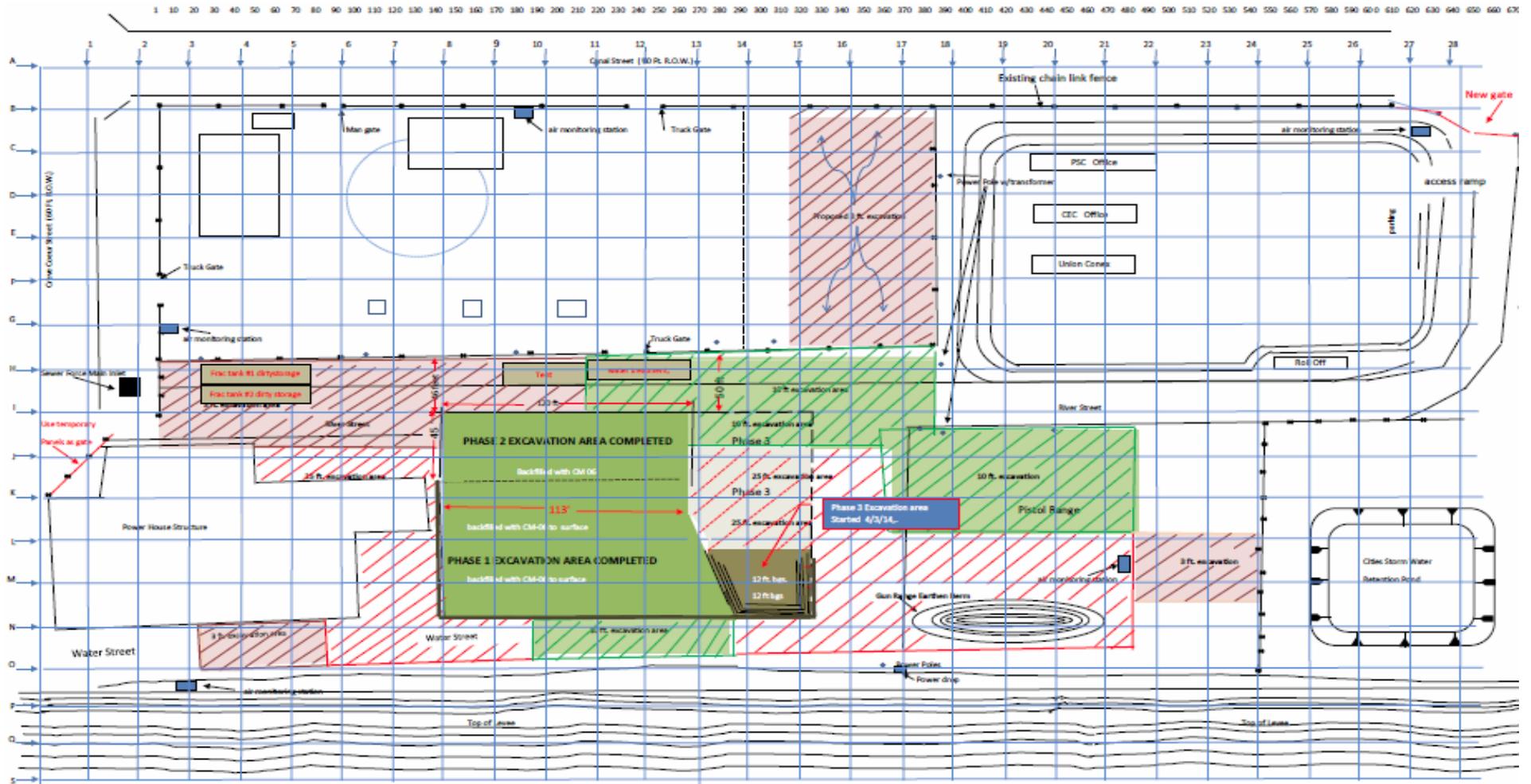


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Completed By: Chris Dawdy

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was restarted on Thursday, April 3rd. Time-integrated sampling had been discontinued due to PSC only performing backfilling activities. Sampling was conducted from April 3rd through April 6th.
- Samples collected on April 6th are expected to be picked up at the site by STAT on April 7th.
- 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

- Analytical results 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.
- 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.



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Project Milestones

Actual Quantities

Weather:

Rainfall (inches)
Snowfall (inches)

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>
Rainfall (inches)	10.80	1.40	12.20
Snowfall (inches)	59.40	0.00	59.40

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

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
Construction & Demolition Debris-Republic (tons)	1,335.09	0.00	1,335.09	0	0
MGP Impacted Soil (Non Source)-Republic (tons)	13,586.04	1,434.02	15,020.06	120,000	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	14,921.13	1,434.02	16,355.15	0	0

Add. Solid Waste Material:

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

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
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:

Clean soil backfill (tons)
CM-06, 1-Inch Minus (tons)
CS-02, 2 to 3-Inch Clean Stone (tons)
2-Inch Clean Stone (tons)
1 1/2-Inch Rock (tons)
CA-7, 1-Inch Clean Stone (tons)
Top Soil (cubic yard)
TOTAL

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
Clean soil backfill (tons)	290.00	0.00	290.00	0	0
CM-06, 1-Inch Minus (tons)	12,892.20	1,740.73	14,632.93	0	0
CS-02, 2 to 3-Inch Clean Stone (tons)	897.83	0.00	897.83	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
CA-7, 1-Inch Clean Stone (tons)	317.30	0.00	317.30	0	0
Top Soil (cubic yard)	0.00	0.00	0.00	0	0
TOTAL	14,397.33	1,740.73	16,138.06	0	0

Treated Wastewater:

Discharged to PDC (gallons)

	<u>Prior Total:</u>	<u>This Period:</u>	<u>Total To Date:</u>	<u>Original:</u>	<u>Revised:</u>
Discharged to PDC (gallons)	0	0	0	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

	Monday	Tuesday	Wednesday	Thursday	Friday	Issues
Actually Received	7	8	7	4	4	
Requested	7	7	7	4	4	



Placing material for lift #9 in Phase II excavation; facing west.



Newly-installed straw bales and silt fencing around eastern stormwater drop inlet.



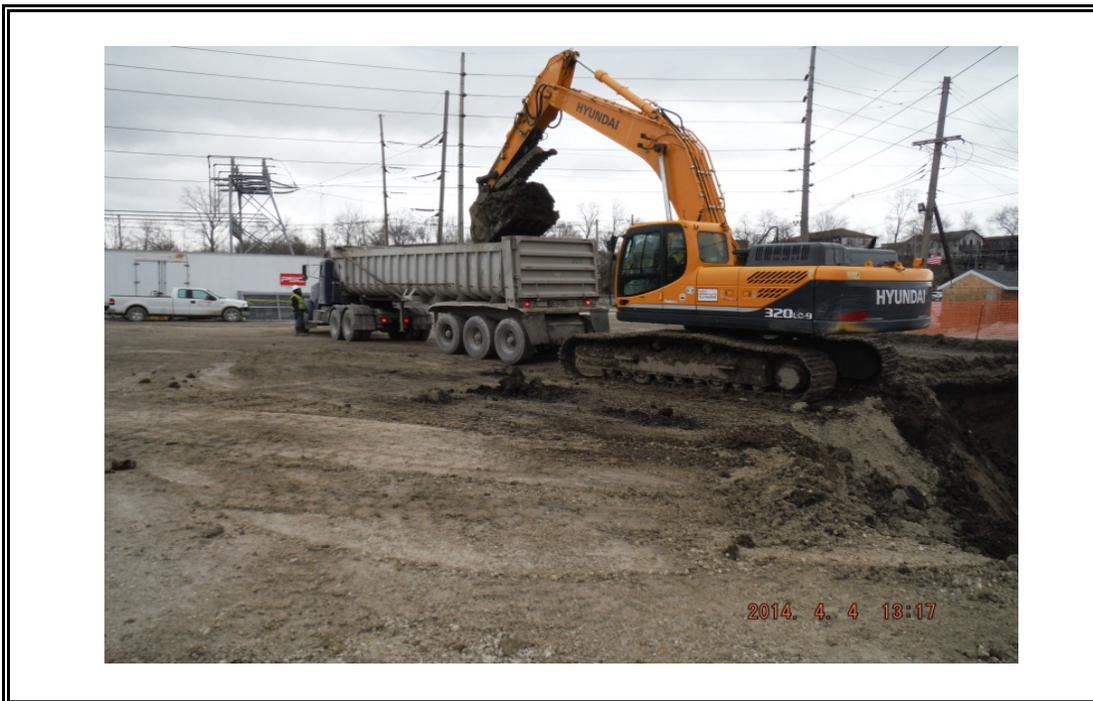
Performing final grading of Phase II excavation; facing southwest.



Newly-constructed berm for Phase III excavation; facing south.



Coal tar-impacted material encountered in the south wall of the Phase III excavation.



Loading out impacted spoils from the Phase III excavation; facing north.