



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

Period: March 24 - March 30, 2014 (Week 28)

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. 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 13,586.04 tons of Non-Source Material (0 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 13,790.03 tons of rock (one-inch minus and two to three-inch clean rock; 2,368.20 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 24th:

Continue backfilling and compaction of Phase II excavation with CM-06 rock that had been laid back from above the toe and stockpiled on Site. Performed two lifts today (Lifts 1 & 2); compaction tests were performed by Midwest Testing Services, Inc. (Midwest).

Tuesday - March 25th:

Continue backfilling and compaction of Phase II excavation with CM-06 rock. Approximately 576 tons of rock were brought in from Vulcan's Lisbon Quarry. Performed two lifts today (Lifts 3 & 4); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Fifty bales of straw were delivered to the site for use as erosion control at the drop inlets, as per the Site SWPP plan.

Wednesday - March 26th:

Continue backfilling and compaction of Phase II excavation with CM-06 rock. Approximately 638 tons of rock were brought in from Vulcan's Lisbon Quarry. Performed two lifts today (Lifts 4 & 5); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). PSC met with John Pohar to look at potential backfill sources.

Thursday - March 27th:

Continue backfilling and compaction of Phase II excavation with CM-06 rock. Approximately 536 tons of rock were brought in from Vulcan's Lisbon Quarry. Performed two lifts today (Lifts 6 & 7); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Quality Liquid Feeds (QLF) begins pumping water from the stormwater basin to the wastewater treatment plant.

Friday - March 28th:

Continue backfilling and compaction of Phase II excavation with CM-06 rock. Approximately 618 tons of rock were brought in from Vulcan's Lisbon Quarry. Performed one lift today (Lift #8); compaction tests were performed by Midwest Testing Services, Inc. (Midwest). Ameren-owned hydraulic water pump and power pack were delivered to the Site and will be used going forward to pump out the excavation water.

Saturday - March 29th:

No site work performed.

Health & Safety Activities:

Weather Conditions: Mostly cloudy with some rain snow and high temperatures from the 20s to the 50s

H&S Issues/Other: Swing radius, slips, trips & falls, and poor visibility. No recordable accidents or incidents occurred.

Out of Scope Items:

None

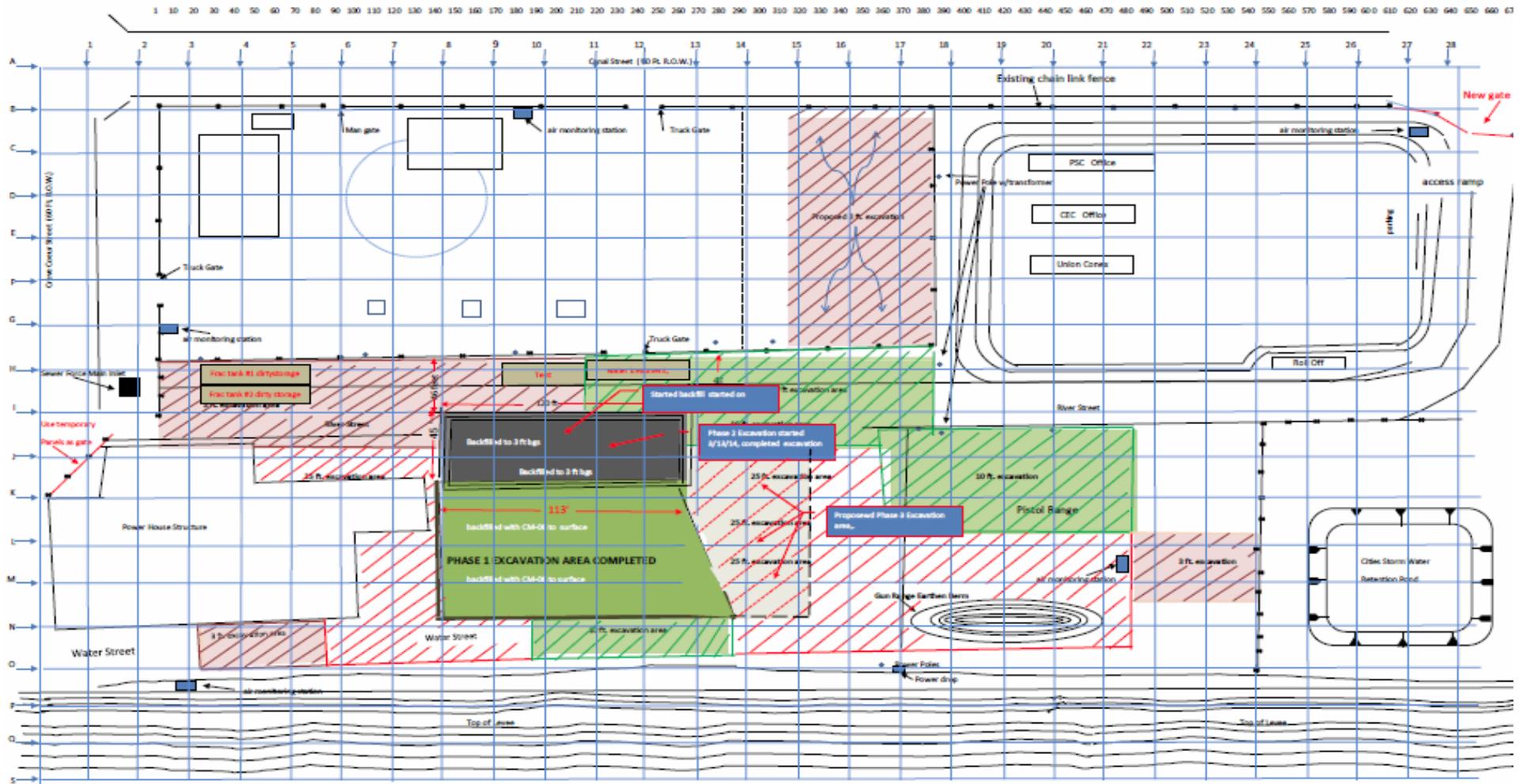


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Completed By: Chris Dawdy

Developments During Reporting Period

Activities Performed

- Time-integrated sampling was suspended on Saturday, March 22nd after the collection of the sample set. Time-integrated sampling has been discontinued due to PSC only performing backfilling activities for the next few days.
- 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

- Time-integrated sampling at the site has been suspended during backfill operations which commenced on March 21st. Time-integrated sampling will resume once intrusive activities resume. Intrusive activities are expected to commence either April 1 or April 2, 2014.
- 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)	10.40	0.40	10.80
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

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	0.00	13,586.04	120,000	0
MGP Impacted Soil (Source)-PDC (tons)	0.00	0.00	0.00	0	0
TOTAL	14,921.13	0.00	14,921.13	0	0

Add. Solid Waste Material:

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

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

Clean soil backfill (tons)	290.00	0.00	290.00	0	0
CM-06, 1-Inch Minus (tons)	10,524.00	2,368.20	12,892.20	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	12,029.13	2,368.20	14,397.33	0	0

Treated Wastewater:

Discharged to PDC (gallons)

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	0	7	7	7	7	
Requested	0	7	7	7	7	



Dumping stockpiled stone onto lower lift in the Phase II excavation; facing southwest.



Grading out lift #1 in the Phase II excavation; facing southwest.



Performing compaction testing on lift #2 of the Phase II excavation; facing east.



View of the two frac tanks currently staged along the north edge of the Site; facing west.



View of the water level within the canal after recent rains; facing south.



Newly delivered, Ameren-owned hydraulic water pump and power pack, to be used to pump water from the excavation.