Former Plainwell Impoundment Time-Critical Removal Action

Weekly Construction Update

Progress Report #69—October 27, 2008

Work Completed: October 16 - October 22, 2008

- Completed installing topsoil and post-construction seeding in newly exposed floodplain soils in Removal Area 8 due to lowering river elevations.
- Completed loading and transporting solidified soil/sediment TSCA material from Staging Area 5S to EQ Wayne County Disposal Facility.
- Continued removing soil and sediment from Removal Area 13A.
- Continued removing soil and sediment within the Phase 2 Cofferdam area.
- Continued post-construction seeding in Removal Areas 11A and 12A.
- Continued solidifying soil/sediment at Staging Areas 4N.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste C&C Landfill and Ottawa County Farms Landfill.
- Began installing tree and shrub plantings that had been deferred from the spring to the fall due to the availability of specific species.
- Began demobilizing and decommissioning activities at Staging Area 5S.
- Began post-construction activities in Removal Area 13B, including final grading and river run rock placement.
- Began decommissioning activities of the WCS, including removing sections of the catwalk, cross bracing, and steel H-Piles.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	140	4	2,345	67
2008 Total	15,050	430	53,900	1,540
Project Total to Date	18,060	516	89,915	2,569

Note: All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5
406841

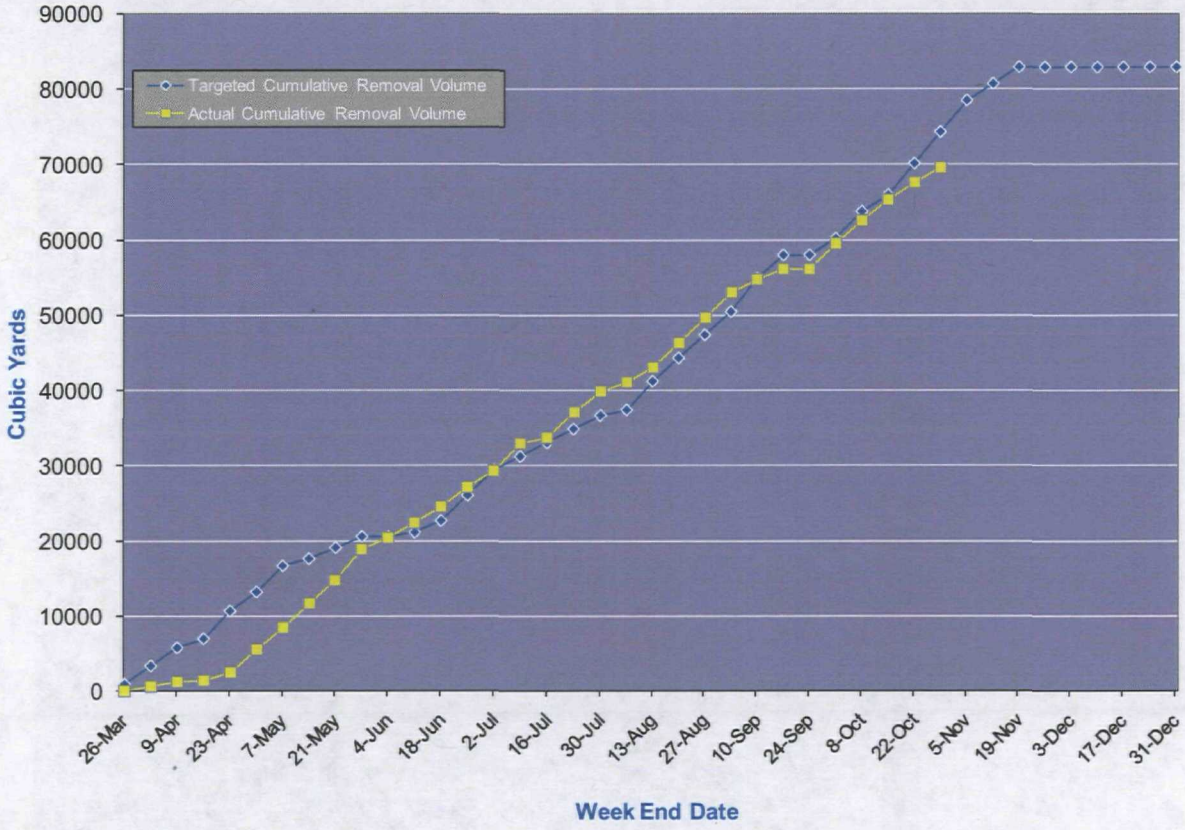
ARCADIS
Infrastructure, environment, facilities

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site

Work Planned: October 23 - October 29, 2008

- Continue excavating soil and sediment from Removal Area 13A.
- Continue removing soil and sediment within the Phase 2 Cofferdam area.
- Continue post-construction activities in Removal Areas 11A, 12A, and 13B.
- Continue solidifying soil/sediment at Staging Area 4N.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue demobilizing and decommissioning activities at Staging Area 5S.
- Begin removing steel sheeting associated with the Mid-Channel Area A resuspension control system.
- Continue decommissioning the WCS.

Removal Progress



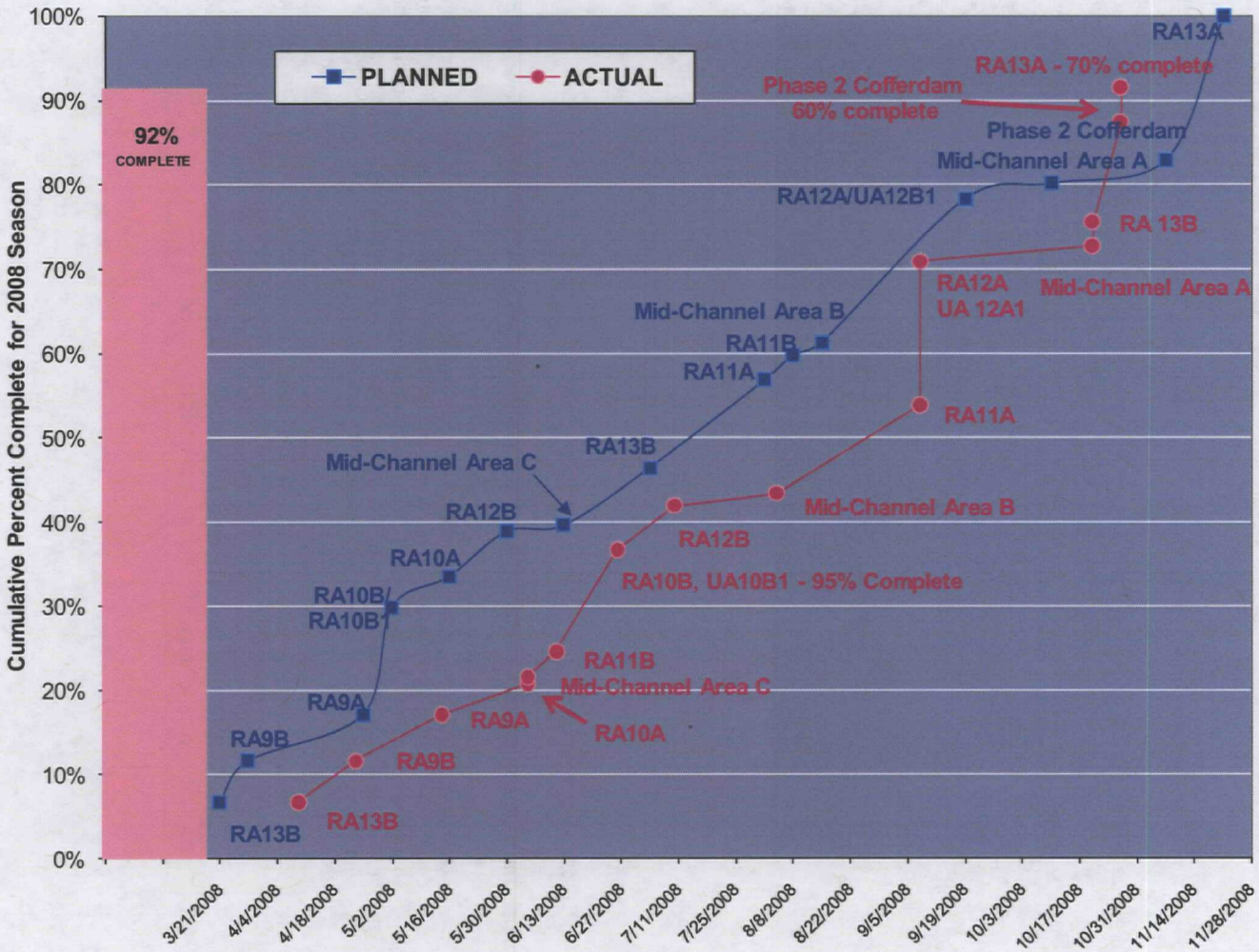
Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

In Plainwell Weekly Construction Reports published between July 14 and October 13, 2008 (Reports #55 through #67), this graph incorrectly depicted the cumulative removal volume. During that period, the incremental increase added each week reflected only additional TSCA material removed, rather than total volume removed to date. Beginning with Report #68 on October 20, 2008 this Removal Progress graph now correctly displays total cumulative volume removed in the 2008 construction season.

Removal Progress



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 5 Loss Prevention Observations (LPOs) were completed during this period. A total of 240 LPOs have been completed for the project to date.

Weather Summary

- No weather delays encountered.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 11,892 gallons (Staging Area 4N) and 21,281 gallons (Staging Area 5S)
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ Removal Area 13A
Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

Equipment on Site

Equipment	10/16/08	10/17/08	10/18/08	10/19/08	10/20/08	10/21/08	10/22/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

Personnel, Regulatory Staff, and Visitors on Site

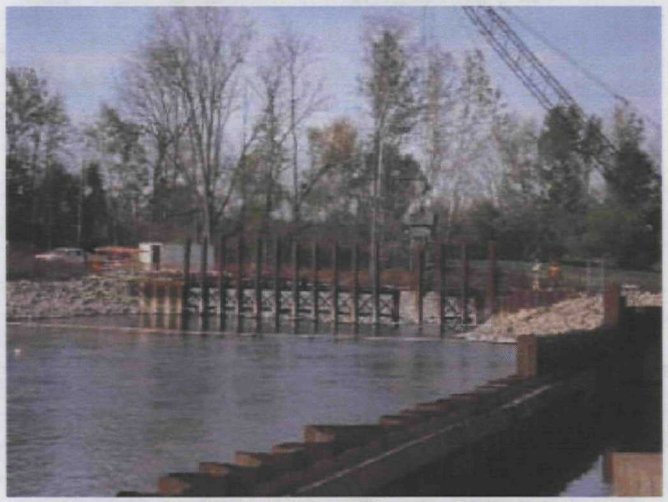
Individual/Affiliation	10/16/08	10/17/08	10/18/08	10/19/08	10/20/08	10/21/08	10/22/08
Terra Contracting Staff	20	20	15		20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Sam Borries/USEPA							
Mike Ribordy/USEPA OSC							X
Karl Gustavson/US ARMY ERDC							
Paul Bucholtz/MDEQ						X	
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Chris Frieburger/MDNR							
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X			X	X	X
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Chuck Barnes/ARCADIS							
Steve Garbaciak/ARCADIS							
Anthony Esposito/ARCADIS							
Micki Maki/ARCADIS	X	X			X	X	X
Jenna Melwiki/ARCADIS	X	X			X	X	X
Matt Bowman/ARCADIS		X					
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X	X		X	X	X
Joe Willoughby/ARCADIS	X	X			X	X	X
Ben Lawrence/ARCADIS	X	X			X	X	X
Nick Harmer/ARCADIS					X	X	X
MDEQ Sample Team	X	X			X	X	X
Other Subcontractors (Specify)							
King Co.	4	4			4	4	4
JF New	3	3			3	3	3

Photos from October 16 - October 22, 2008

Installing river run rock in Removal Area 13B.

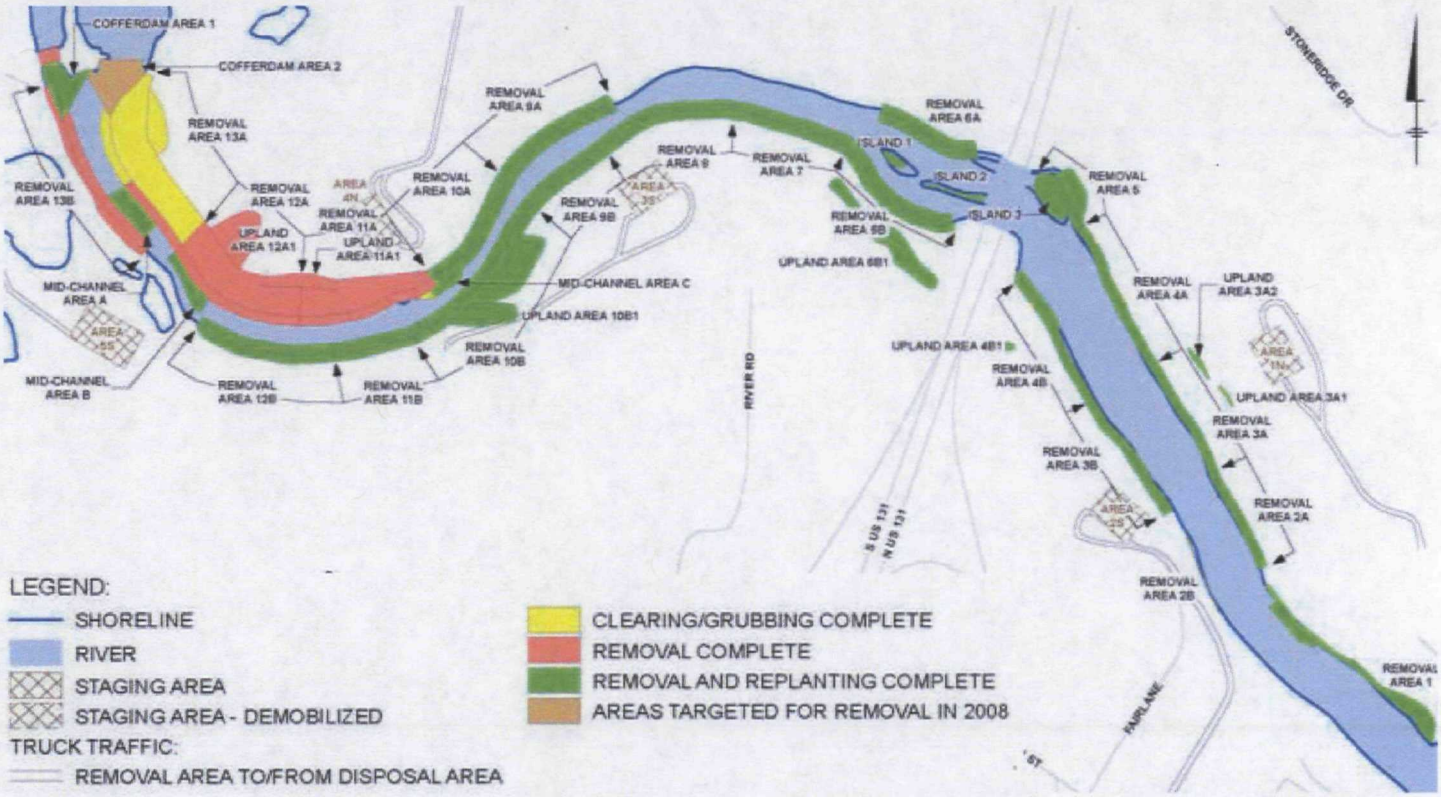
Excavating floodplain soil in Removal Area 13A.

Excavating soil and sediment from behind the Phase 2 Cofferdam.



Decommissioning the water control structure.

Targeted Removal Areas – Former Plainwell Impoundment



Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.