US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

CGS 3/27/12

COPY

Meeting Ground Rules

- Be courteous and silence/put away your electronic devices.
- Adhere to meeting agenda
- One conversation at a time
- Hold all questions until the speaker has finished with the presentation

627688

US EPA ARCHIVE DOCUMENT

Situation Report
March 27, 2012

US EPA ARCHIVE DOCUMENT

Science Group Status

	Data Collection	Data Compilation	Submittal	
Submerged Oil Science Group				
Reassessment				
Spring 2012 Sub Oil Reassessment	E			Temperature dependent, Morrow Lake, Confluence to Saylor's
Hydrodynamic Assessment & Modeling				
Preliminary and baseline model scenarios			2/24	
• Develop Scenarios / Various Simulations			3/23	
• Completion of Simulations			3/23	100 year flood data tables and figures to submit
Sensitivity Testing	E		(4/6)	
Run Modified Scenarios	E		(4/6)	
Temperature Effects Study				
Sediment sample location selection and collection			12/19	
Conduct temperature study			1/11	
Compile, evaluate, and present results		E	(3/28)	Rec'd comments on 3/19/12 - ENB addressing comments
Submerged Oil Quantification				
Fall 2011		E		
Spring 2012 (pre-recovery)	E			
Fall 2012 (post-recovery)	E			

• denotes status updates since the last report

E Enbridge Complete or N/A ( ) Denotes Due Date

US EPA ARCHIVE DOCUMENT

Science Group Status

	Data Collection	Data Compilation	Submittal	
Overbank Science Group				
Reassessment				
Spring 2012 Shoreline and Overbank Reassessment •	E			
Containment Science Group				
Evaluate placement of containment				
Hec-Ras Modeling	12/5	1/9	1/26	
Hydraulic Calculations	1/10	1/23	1/26	
2D Hydrodynamic Model		2/13	E	100 year flood 3/23
Monitoring and Management Plan	1/24	1/25	2/27	
Implementation of passive sediment collection devices				
Location selection				
Design review				
Installation			E	
Post-installation review				
Design adjustments				

• denotes status updates since the last report

E Enbridge Complete or N/A ( ) Denotes Due Date

US EPA ARCHIVE DOCUMENT

Remediation Progress

Location	SCIENCE: RI Work Plan	SCIENCE: Plan Review	SCIENCE: Investigation	SCIENCE: Data Compilation	SCIENCE: Presentation to OSCAR	COMPLIANCE: Remediation Work Plan	COMPLIANCE: Remed. Plan Review	COMPLIANCE: Permit Application	COMPLIANCE: Permit Review	RECOVERY: Execution	MONITORING: Completion Check	Comments
Overbank												
OB 14.98 I						10/17	10/15	9/28	10/10	11/18	E	
OB 5.92 RDB						12/1	12/8	11/4	12/1	1/25	E	
OB 13.40 LDB						12/22	2/7	12/21	2/9	2/23	E	
OB 8.97 I					12/15	2/17	2/24	1/25	2/24	3/23	E	
OB 9.10 LDB					1/5	2/17	2/24	1/25	2/24	3/16	E	
OB 10.37 RDB					1/12	2/17	2/24	1/25	2/24	3/22	E	
Submerged Oil												
SO 9.00					3/20						E	
Walling Structure								3/16	A			Submitted to MDEQ 3/16
• Suboil Toolbox						E		E				Submitted to MDEQ 3/17
Containment												
Submerged Structures I(6)						1/27	A	E				
Submerged Structures II(12)						2/27	A	E				
• 3 Main Control Points								3/21	3/23	E		
• Additional Control Points						E		E				
OB 8.48 LDB						E		E				Started RM Plan review 3/19
SO 11.21						E		E				
OB 11.79 LDB						E		E				
SO 26.25						E		E				

• denotes sites with status updates since the last report

E Enbridge / In development

A In Agency Review

( ) Denotes Due Date

Complete or N/A

Revisit Previous Phase

All_Branch_Progress_03-26-2012.xlsx

MP 37.75 E4 3/26

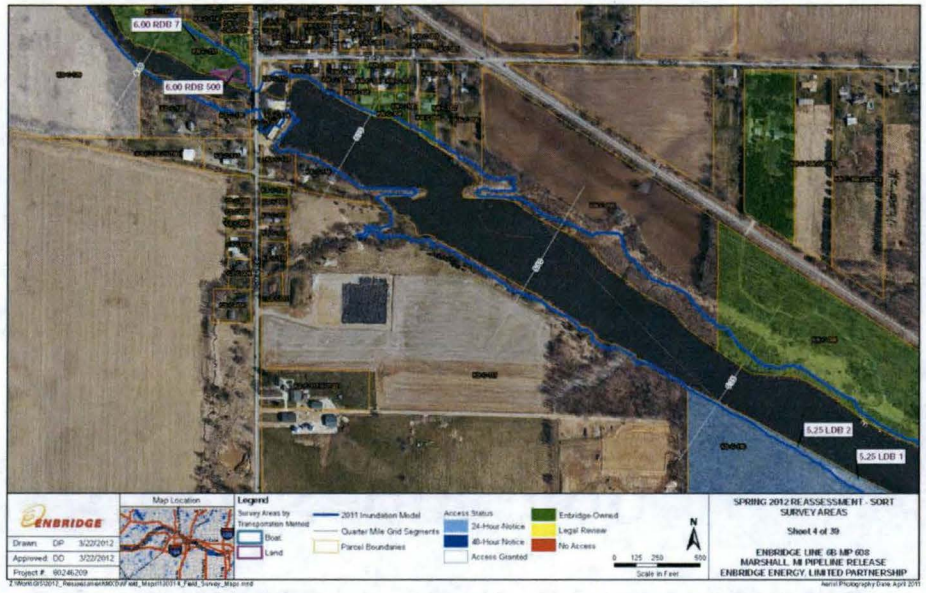
Facility Sites

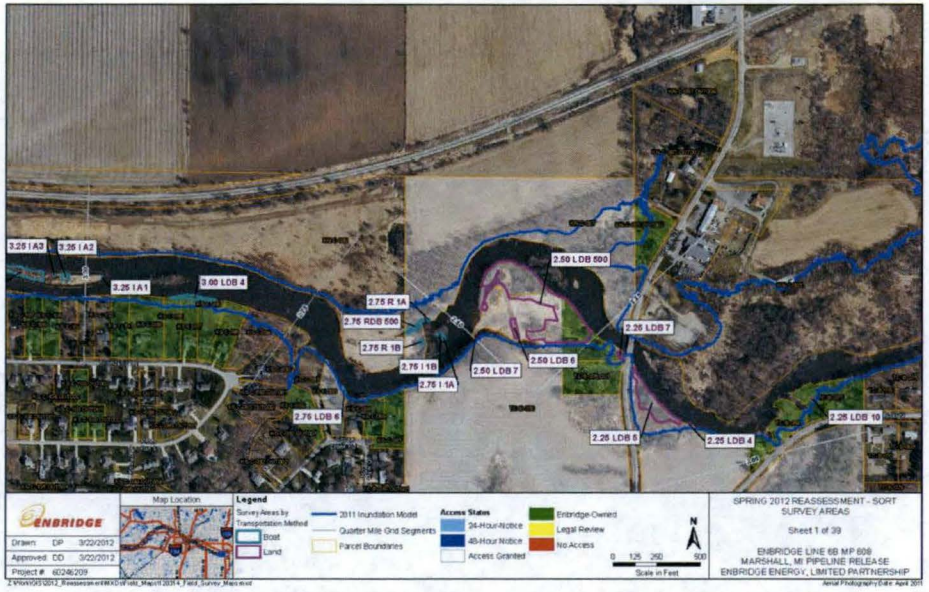
US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Reassessment Progress

SORT



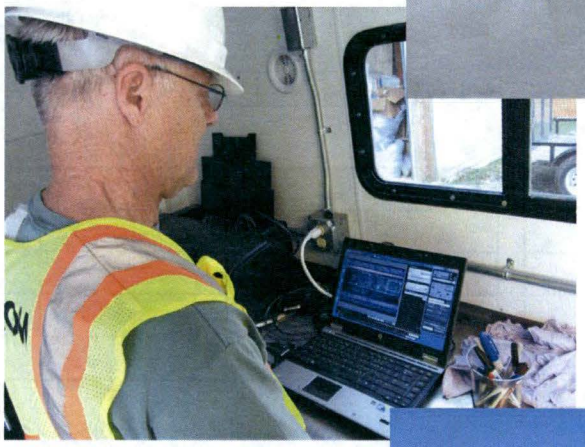


SORT PROGRESS 3/26/12		
Assessment Complete	0.0%	0 / 426 locations
Add'l Assessment Req'd	0.0%	0 locations
Schedule Elapsed/Remaining	0.0%	12 days rem.
Estimated Completion: 12 work days		

US EPA ARCHIVE DOCUMENT

Significant Activities

- SORT
- RI:
  - MP 2.25 to Morrow Lake
- River Reopening
  - MP -2.7 to Saylor's Landing



US EPA ARCHIVE DOCUMENT

Remediation Progress

Location	SCIENCE					COMPLIANCE				RECOVERY	MONITORING	Comments
	RI Work Plan	Plan Review	Investigation	Data Compilation	Presentation to OSCAR	Remediation Work Plan	Remed. Plan Review	Permit Application	Permit Review	Execution	Completion Check	
Kalamazoo River Remediation Branch												
MP 2.25 to MP 3.14			E									
MP 3.14 to MP 5.80			E									
MP 5.80 to MP 11.00			E									
MP 13.0		1/20	E									
MP 11.00 to Morrow Lake	2/7	3/1	E									

- denotes sites with status updates since the last report

E Enbridge / In development

A In Agency Review

( ) Denotes Due Date

Complete or N/A

Revisit Previous Phase

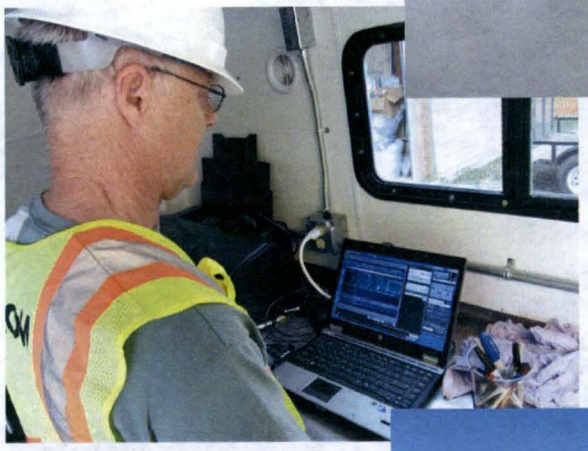
All_Branch_Progress_03-26-2012.xlsx

C3.2 3/23

US EPA ARCHIVE DOCUMENT

Significant Activities

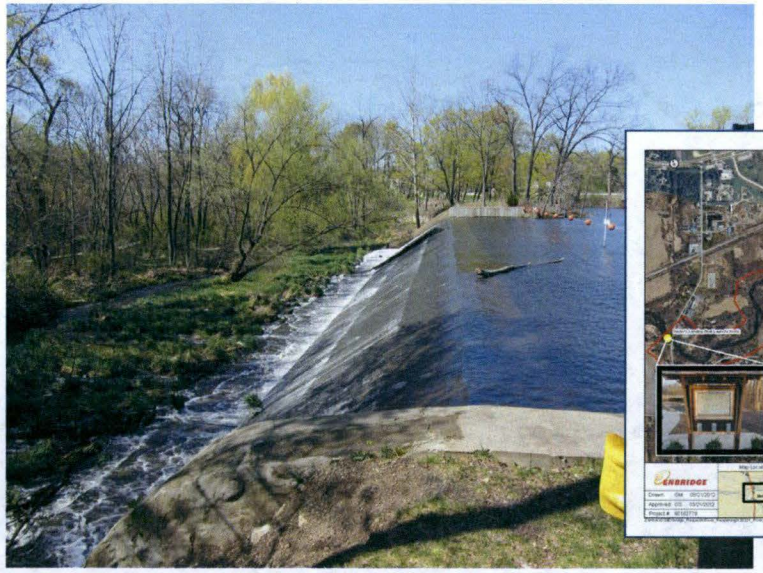
- SORT
- RI:
  - MP 2.25 to Morrow Lake
- River Reopening
  - MP -2.7 to Saylor's Landing



US EPA ARCHIVE DOCUMENT

River Reopening Progress

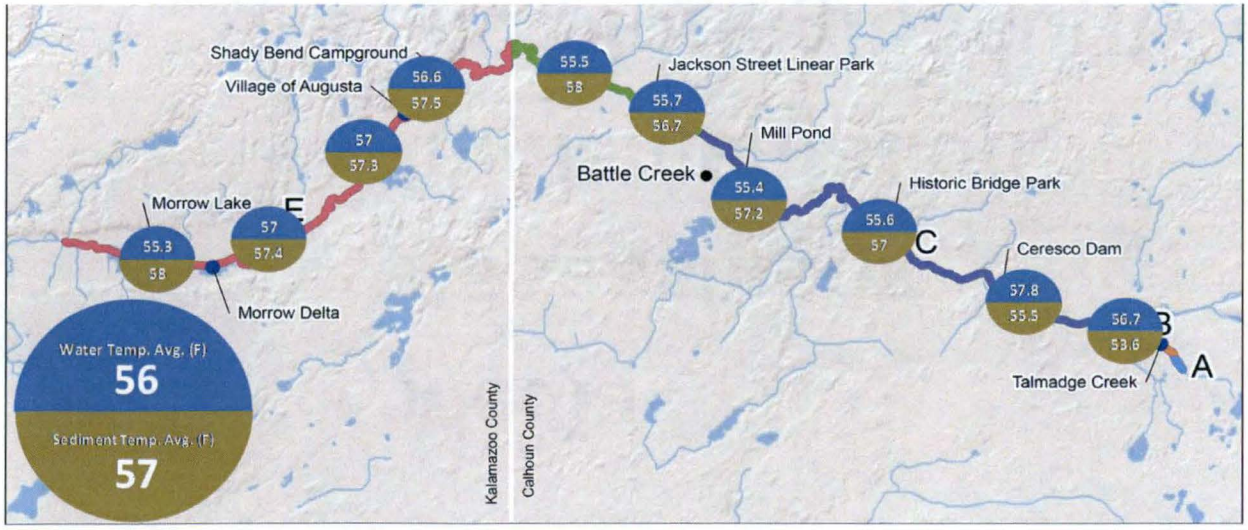
- **Media**
- **Assessment**
- **Implementation**
- **Monitoring/Security**

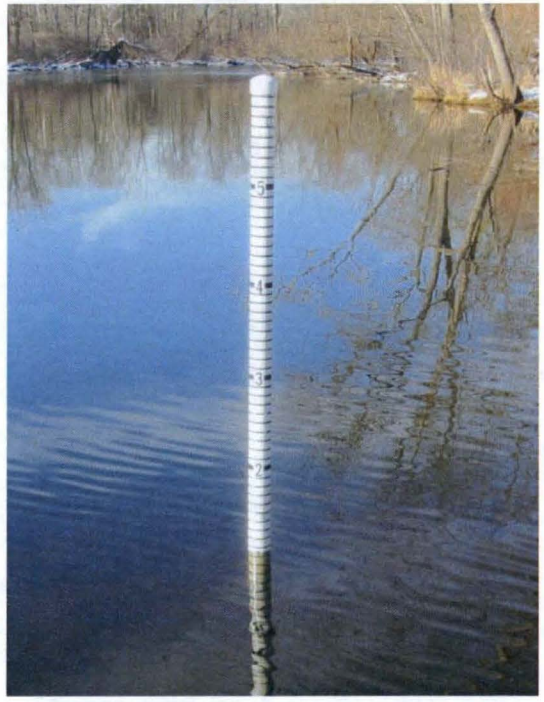


US EPA ARCHIVE DOCUMENT

Water Conditions

DISCHARGE RATES (cfs)		
	3/23	3/26
Marshall, MI	570	816
Historical Median	*450*	*466*
Battle Creek, MI	1150	1400
Historical Median	*1000*	*1070*





US EPA ARCHIVE DOCUMENT

Weather Forecast

Tue 27	Wed 28	Thu 29	Fri 30
Partly Cloudy	Partly Cloudy / Wind	Mostly Sunny	Few Showers
59° High	**62°** High	**51°** High	**54°** High
52° Low	36° Low	32° Low	38° Low
Chance of Rain: 20%	Chance of Rain: 10%	Chance of Rain: 20%	Chance of Rain: 30%

US EPA ARCHIVE DOCUMENT

Command & General Staff Updates for UC

US EPA ARCHIVE DOCUMENT

Closing Remarks

- Enbridge
- DEQ
- US EPA