

US EPA ARCHIVE DOCUMENT

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

Situation Report May 4, 2012

Science Group Status

Data Collection	Data Compilation	Submittal
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Submerged Oil Science Group

Reassessment

Spring 2012 Sub Oil Reassessment	E		Temperature dependent, Morrow Lake, Confluence to Saylor's, Morrow Lake Delta
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Hydrodynamic Assessment & Modeling

Sensitivity Testing		4/6	
Run Modified Scenarios		4/6	
Summary Report		4/20	

Submerged Oil Quantification

Fall 2011		E	
Spring 2012 (pre-recovery)	E		
Fall 2012 (post-recovery)	E		

• denotes status updates since the last report



Enbridge



Complete or N/A



Denotes Due Date

Science Group Status

Data Collection	Data Compilation	Submittal
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Overbank Science Group

Reassessment

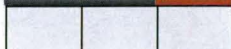
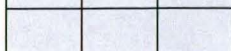
Spring 2012 Shoreline and Overbank Reassessment	
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Containment Science Group

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		Sensitivity Calculation
Monitoring and Management Plan	1/24	1/25	2/27	

Implementation of passive sediment collection devices

Location selection		
Design review		
Installation		
Post-installation review		
Design adjustments		

• denotes status updates since the last report

 Enbridge

 Complete or N/A

 Denotes Due Date

Remediation Progress

Location

Comments

Submerged Oil

Walling Structure
Suboil Toolbox

			3/16	3/27	4/14	
			4/20	A	E	

Containment

Submerged Structures I(6)
Submerged Structures II(12)
Control Points (3)
OB 8.48 LDB
SO 11.21
OB 11.79 LDB
SO 26.25

	4/25	A	4/3	4/26	E	
	4/25	A	4/30	A		
			3/21	3/23	4/5	E
	5/1	A	5/1	A		
	5/1	A	5/1	A		
	5/1	A	5/1	A		
	5/1	A	5/1	A		

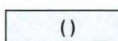
- denotes sites with status updates since the last report



Enbridge / In development



In Agency Review



Denotes Due Date



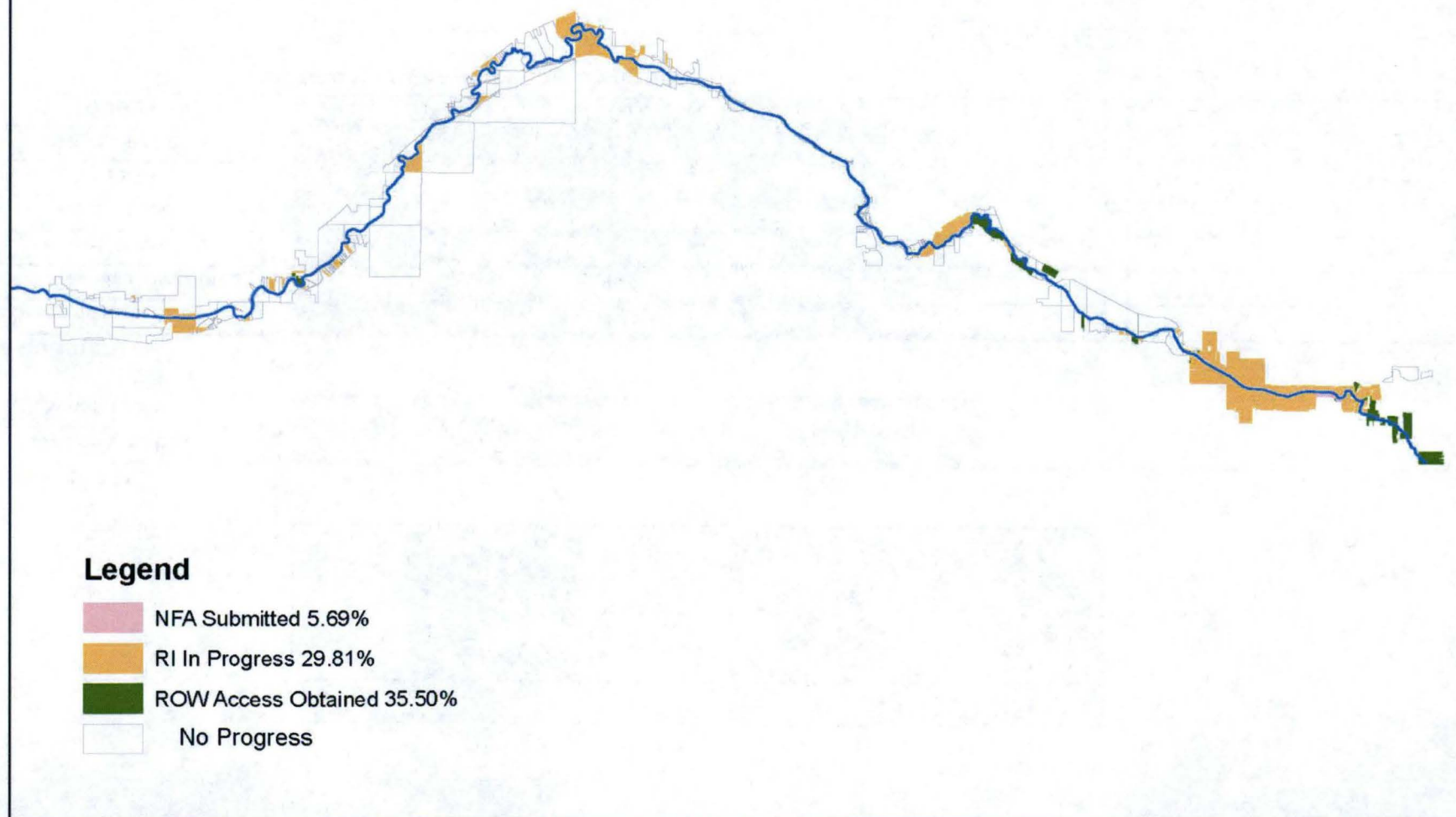
Complete or N/A



Revisit Previous Phase

Remediation Progress

Remedial Investigation



Daily Progress Tracking

Personnel / Resources Deployed

	5/2/2012	5/1/2012
Kalamazoo River System	32	31
Containment	12	13
Submerged Oil	2	2
Overbank	5	5
River Opening	1	1
Waste Management	25	20
Security & Flaggers	5	5
Operations Center	44	49
Comm. Centers	4	3
EPA	2	2
EPA Contractors	19	19
Other Agencies	1	1
DEQ	5	5 (6)
DEQ Contractors	5	5
TOTAL	162	162

Updated

	5/2/2012	5/1/2012
Vac & Tanker Trucks	0 0	0 0
Frac Tanks	0 0	0 0
Boats**	10 0	10 0
Yellow Iron***	6 0	7 0
Roll-Off Boxes	4 0	4 0
Boom Locations	14	14
Boom in River (ft)	5,425 0	5,425 400

Facility Sites



- 7 CY in cells
- 30 gal water
- 4 Roll offs



FTC 5/3



FTC 5/3



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Ceresco Dam 5/3



E4 5/3



Morrow Lake 5/3

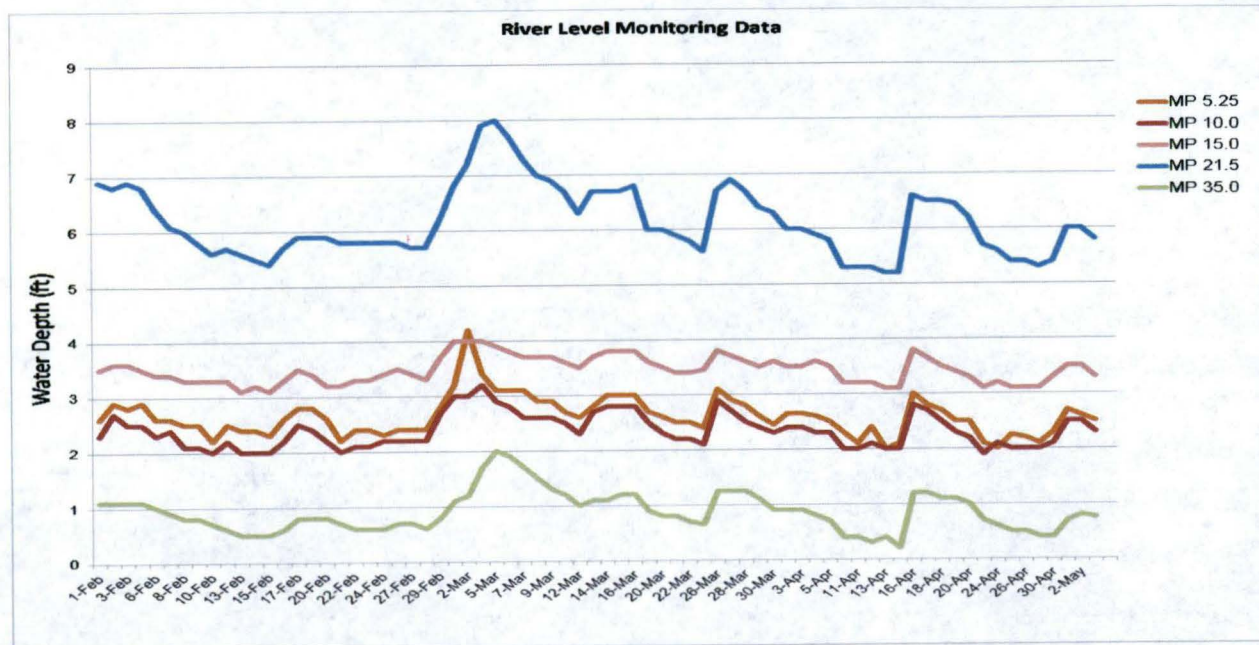


E4 5/3

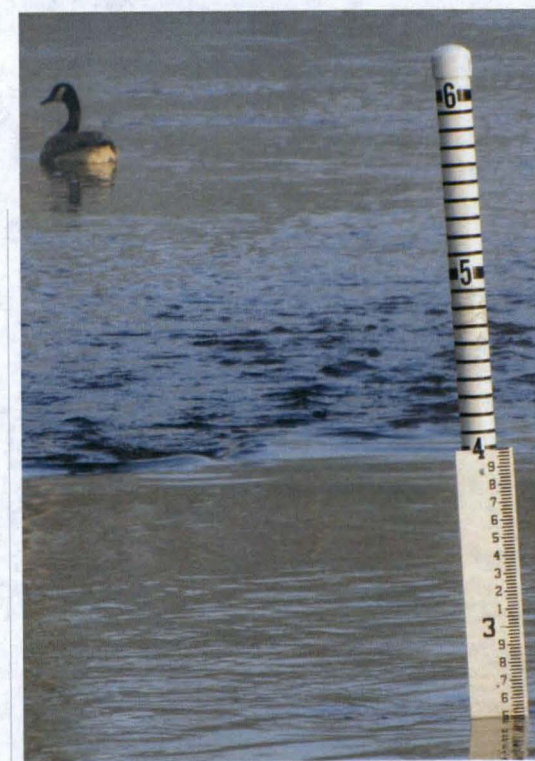
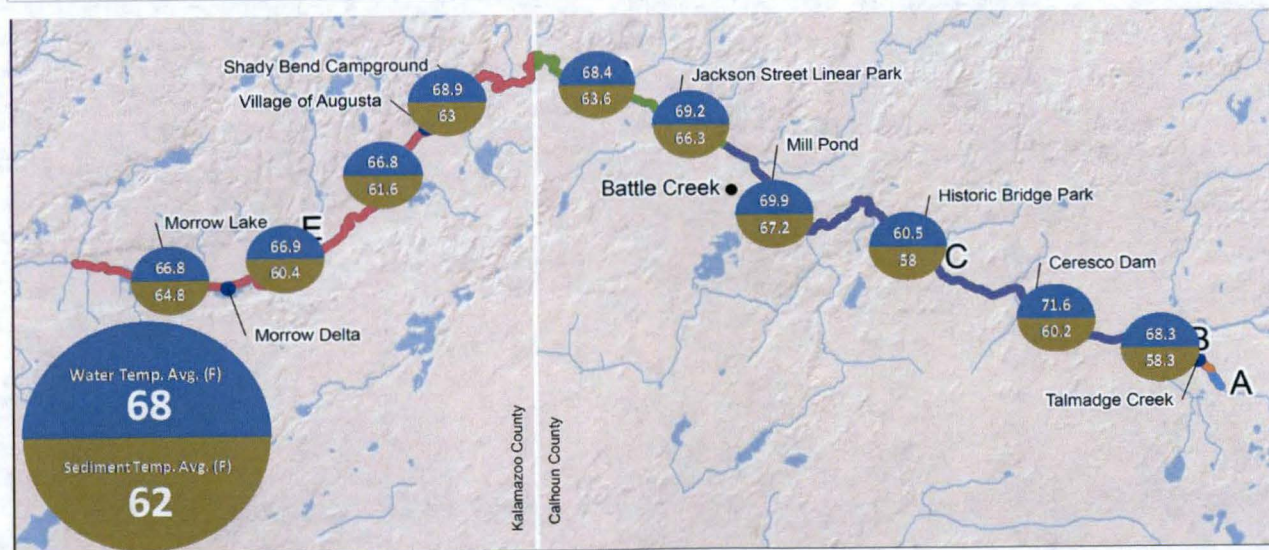


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Water Conditions



DISCHARGE RATES (cfs)		
	5/3	5/2
Marshall, MI	499	550
Historical Median	417	420
Battle Creek, MI	964	1000
Historical Median	800	830



Weather Forecast

Fri
May 4



AM T-Storms

75° 51°

CHANCE OF RAIN:
40%

Sat
May 5



PM Showers

72° 50°

CHANCE OF RAIN:
30%

Sun
May 6



Mostly Cloudy

70° 55°

CHANCE OF RAIN:
10%

Mon
May 7



Scattered T-Storms

72° 54°

CHANCE OF RAIN:
40%

Command & General Staff Updates for UC

- Planning Section
- Logistics Section
- Operations Section
- Safety Officer
- Public Information Officer

Closing Remarks

- Enbridge
- DEQ
- US EPA