

US EPA ARCHIVE DOCUMENT

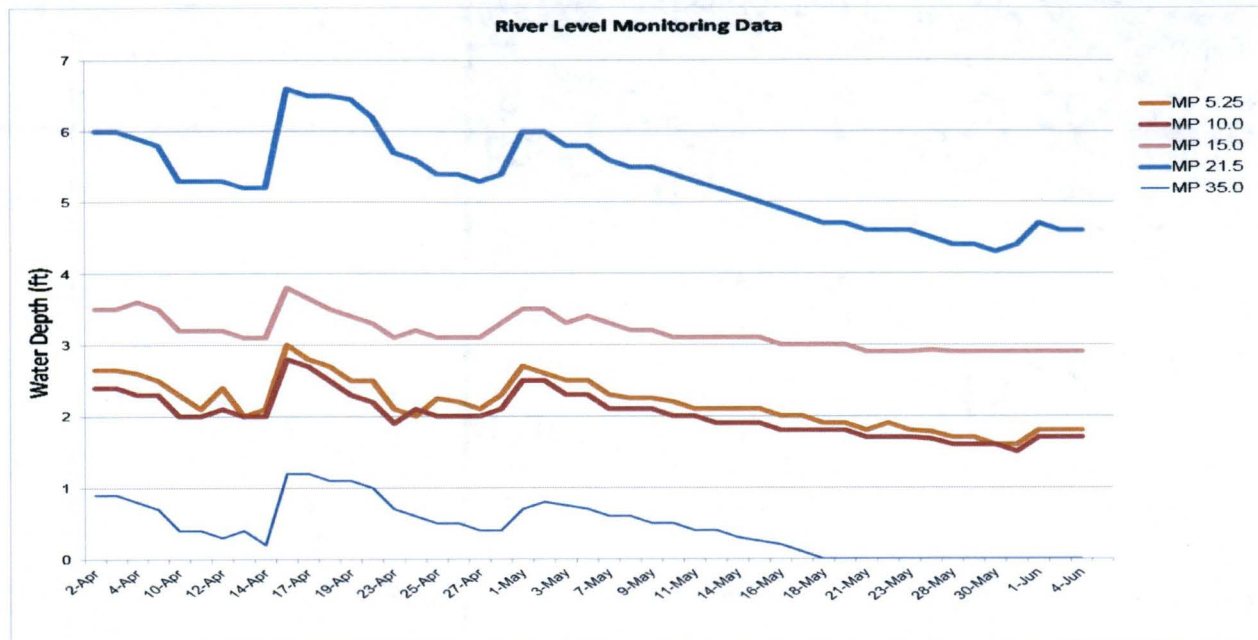
Meeting Ground Rules

- 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

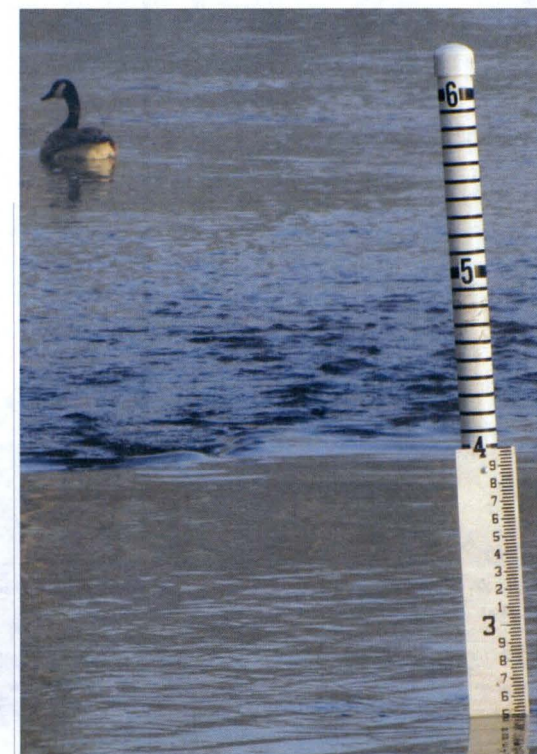
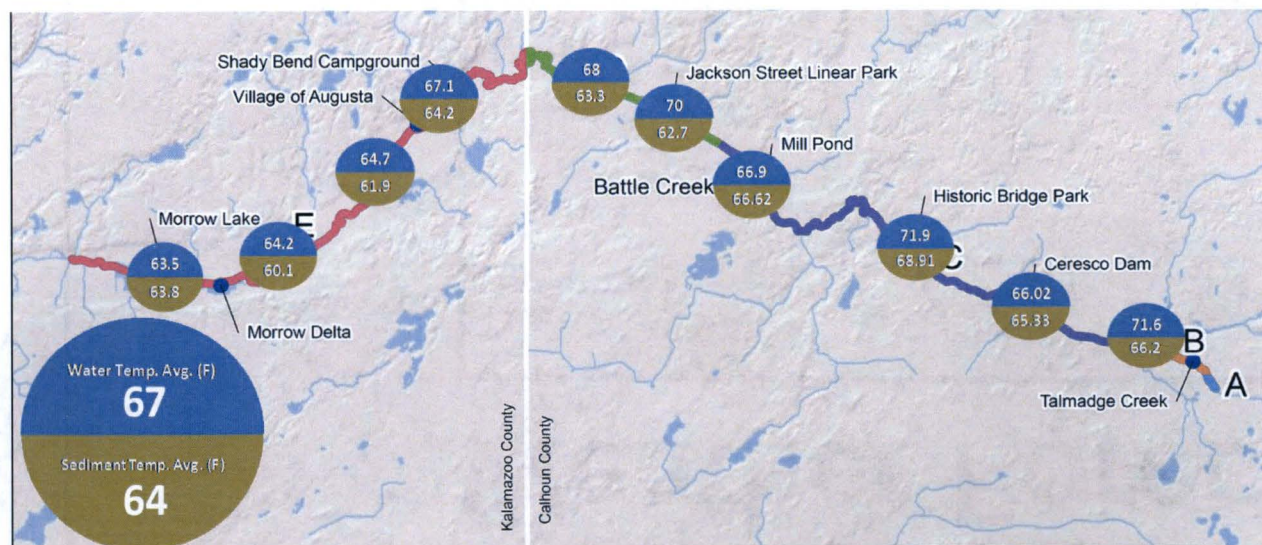
Situation Report

June 5, 2012

Water Conditions



DISCHARGE RATES (cfs)		
	6/4	6/2
Marshall, MI	294	310
<i>Historical Median</i>	300	355
Battle Creek, MI	518	510
<i>Historical Median</i>	653	680



Weather Forecast

Tue

Jun 5



72° 51°

CHANCE OF RAIN:

20%

Partly Cloudy

Wed

Jun 6



73° 53°

CHANCE OF RAIN:

10%

Mostly Sunny

Thu

Jun 7



76° 52°

CHANCE OF RAIN:

20%

Partly Cloudy

Fri

Jun 8



79° 60°

CHANCE OF RAIN:

10%

Partly Cloudy

Science Group Status

Data Collection	Data Compilation	Submittal
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Submerged Oil Science Group

Reassessment

Spring 2012 Sub Oil Reassessment	E			Began 5/7
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Submerged Oil Quantification

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

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	Further scenarios
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



Enbridge



Complete or N/A



Denotes Due Date

Remediation Progress

Location

Submerged Oil

Walling Structure
Suboil Toolbox

SCIENCE					COMPLIANCE				RECOVERY	MONITORING
RI Work Plan	Plan Review	Investigation	Data Compilation	Presentation to OSCAR	Remediation Work Plan	Remed. Plan Review	Permit Application	Permit Review	Execution	Completion Check

Comments

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

Containment

3.25 R1
Ceresco Dam
10.40 N
10.50 L2
10.75 LDB
14.75 RDB
19.25 LDB
21.50 RDB
26.00 RDB
28.25 RDB
30.80
33.00 A
33.00 B
Delta A
Delta Z
36.1 NW
37.75 Islands
Control Points (3)
OB 8.48 LDB
SO 11.21
OB 11.79 LDB
SO 26.25

	4/25	A	5/11	A		
	4/25	A	5/11	A		
	4/25	A	5/11	A		
	4/25	A	5/11	A		
	4/25	A	4/3	4/26	5/8	
	4/25	A	4/3	4/26	5/8	
	4/25	A	4/3	4/26	5/8	
	4/25	A	4/3	4/26	5/8	
	4/25	A	5/11	A		
	4/25	A	4/3	4/26	5/8	
	4/26	A	5/11	A		
	4/25	A	5/11	A		
	4/25	A	5/11	A		
	4/25	A	5/11	A		
	4/25	A	4/3	4/26	5/8	
	4/25	A	5/11	A		
			3/21	3/23	4/5	
	5/1	A	5/11	A		
	E			↶		
	5/1	A	5/11	A		
	E			↶		

SSD Only
SSD Only
SSD Only
*
Sed Traps + SSD
Sed Traps + SSD
Sed Traps + SSD
SSD Only #
*
SSD Only #
SSD Only #
SSD Only
*
SSD Only
SSD Only
Sed Traps + SSD
SSD Only
Structure
Structure

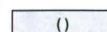
• denotes sites with status updates since the last report



Enbridge / In development



In Agency Review



Denotes Due Date



Complete or N/A



Revisit Previous Phase

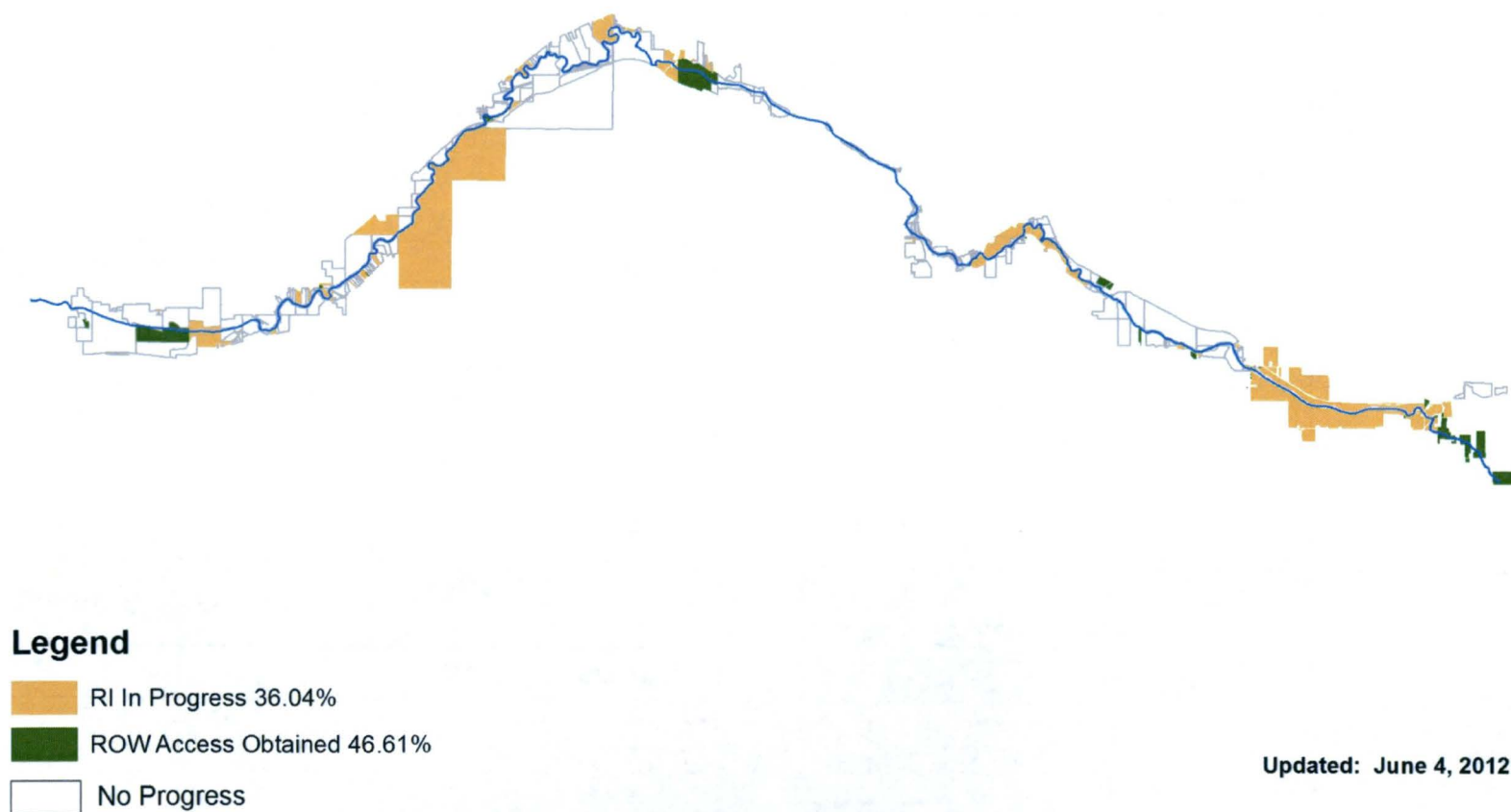
* Trap to remain in Permit. Running model with alternative structure placement

Potential sediment trap location. Trap not in permit.

All_Branch_Progress_06-04-2012.xlsx

Remediation Progress

Remedial Investigation



Daily Progress Tracking

Personnel / Resources Deployed

	6/4/2012	6/3/2012
Kalamazoo River System	40	0
Containment	8	0
Submerged Oil	61	0
Overbank	4	0
River Opening	3	0
Waste Management	11	0
Security & Flaggers	5	5
Operations Center	49	0
Comm. Centers	4	0
EPA	3	0
EPA Contractors	27	0
Other Agencies	2	0
DEQ	6	0
DEQ Contractors	6	0
TOTAL	229	5

	6/4/2012	6/3/2012
Vac & Tanker Trucks	0 0	0 0
Frac Tanks	0 0	0 0
Boats**	34 0	0 0
Yellow Iron***	4 0	0 0
Roll-Off Boxes	5 0	5 0
Boom Locations	12	12
Boom in River (ft)	5,475 0	5,475 0

**Boats - Air Boats, Jon Boats & Pontoon Boats

*** Yellow Iron - Articulating dump trucks, bobcats, bulldozers, excavators, front end loaders, skid steers, gac system, marookas, forklifts, marsh buggies, water trucks

Facility Sites



312.3 CY in cells

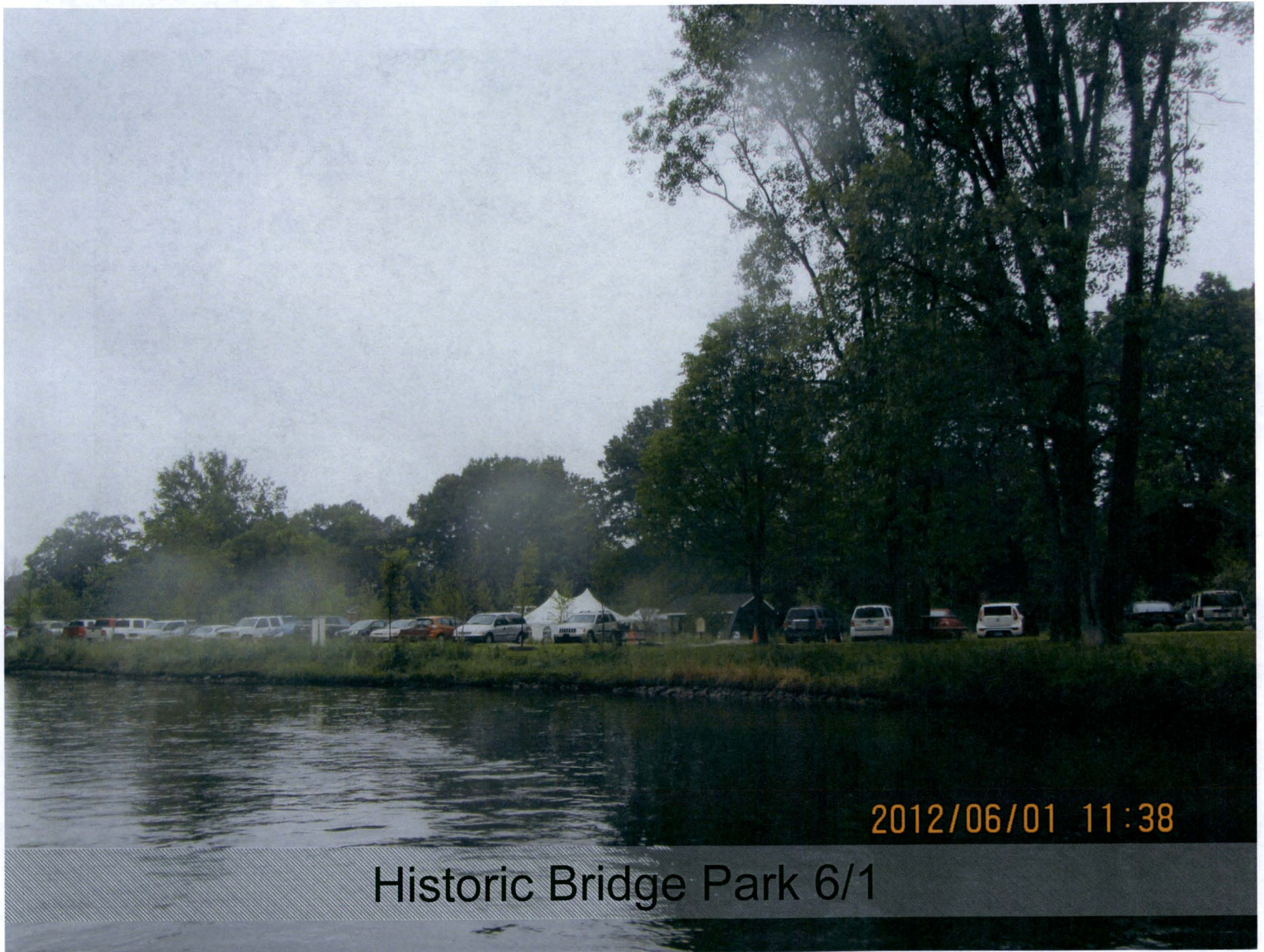


2012/06/01 13:18

Talmadge Creek 6/1



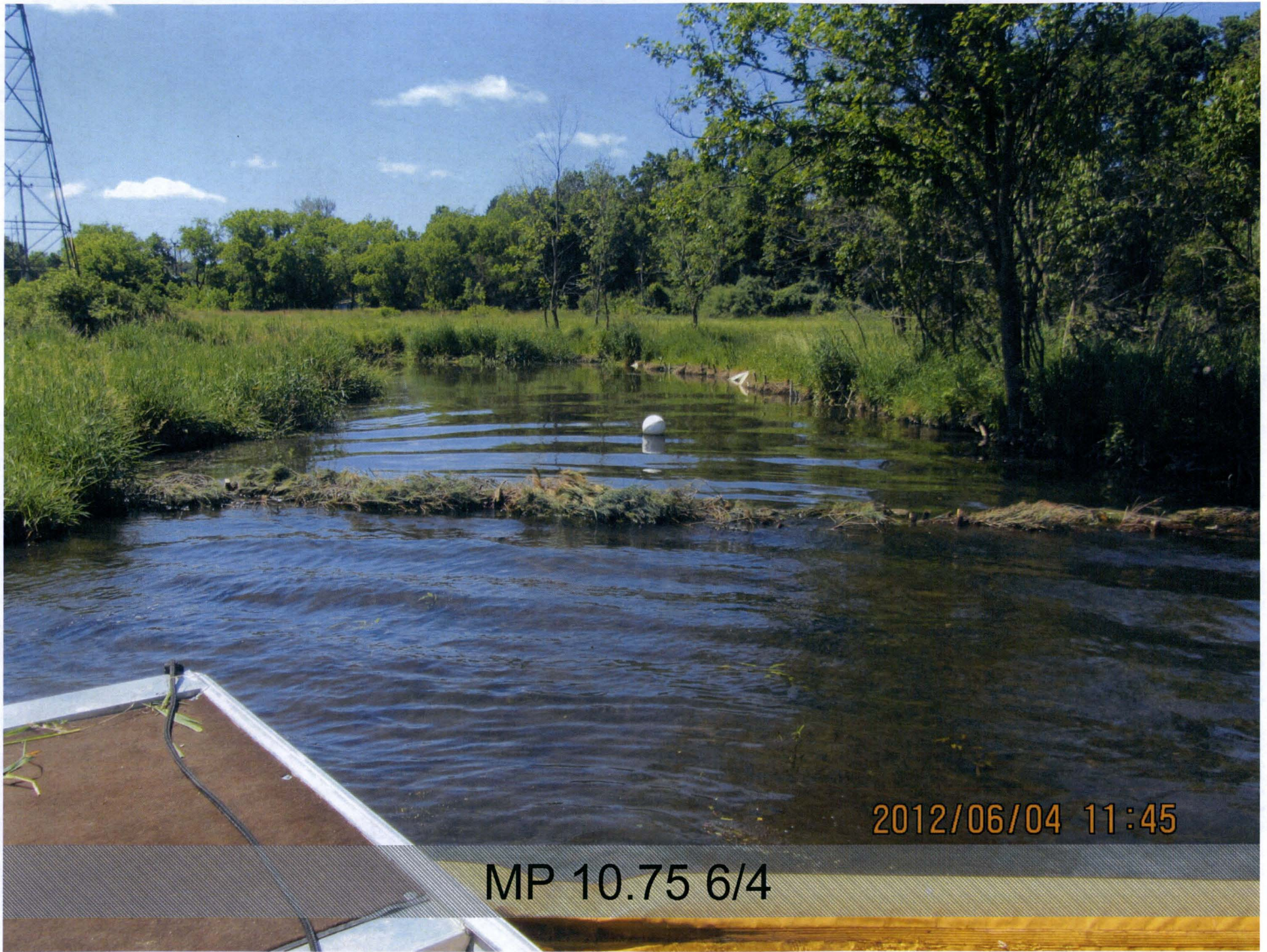
Ceresco Dam 6/4



2012/06/01 11:38

Historic Bridge Park 6/1





2012/06/04 11:45

MP 10.75 6/4



2012/06/04 11:46

MP 10.75 6/4



MP 10.75 6/4



2012/06/04 12:08

MP 11.25 6/4



2012/06/04 12:23

MP 13.75 6/4

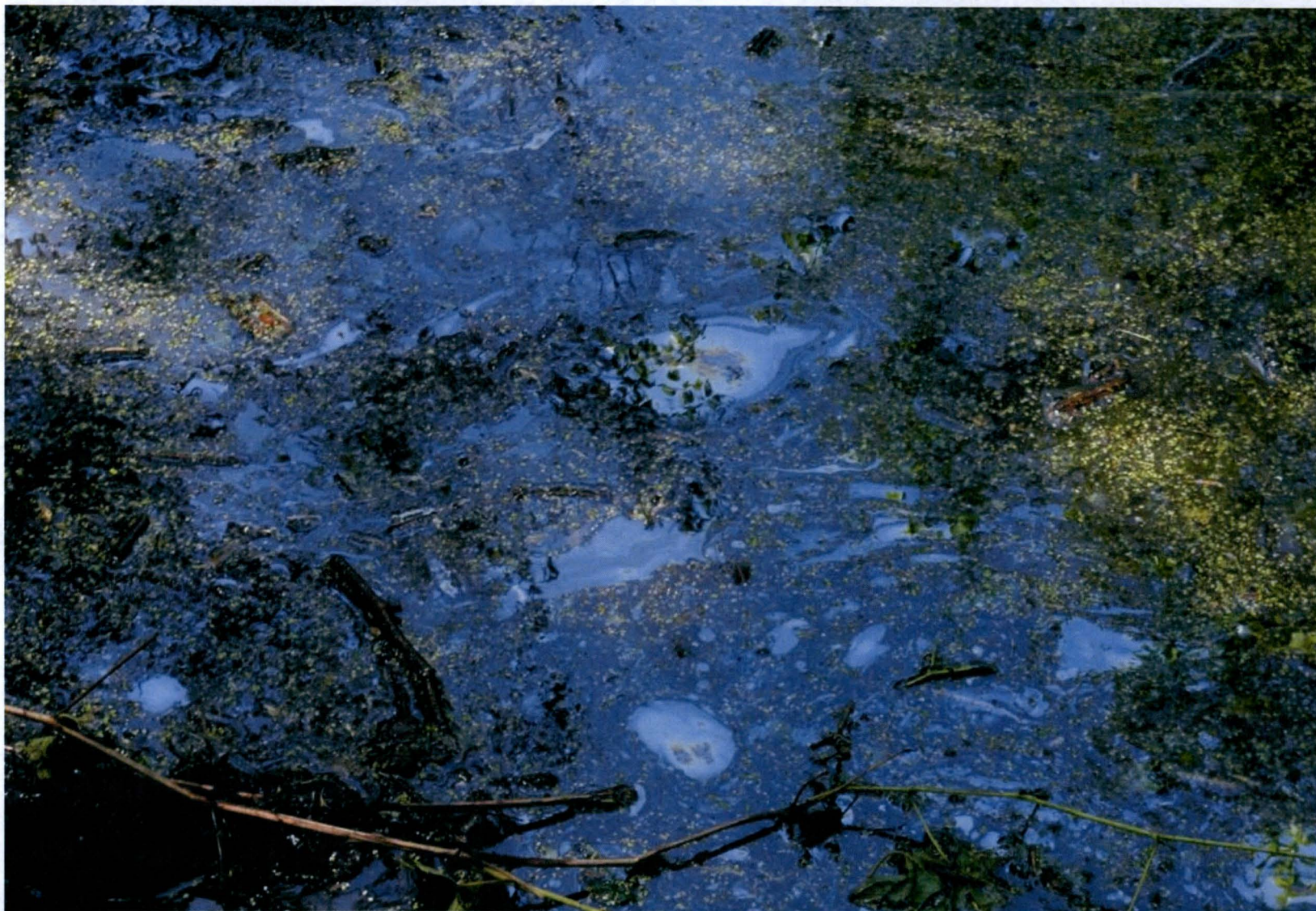


2012/06/04 12:26

MP 13.75 6/4



MP 13.75 6/4



MP 13.75 6/4

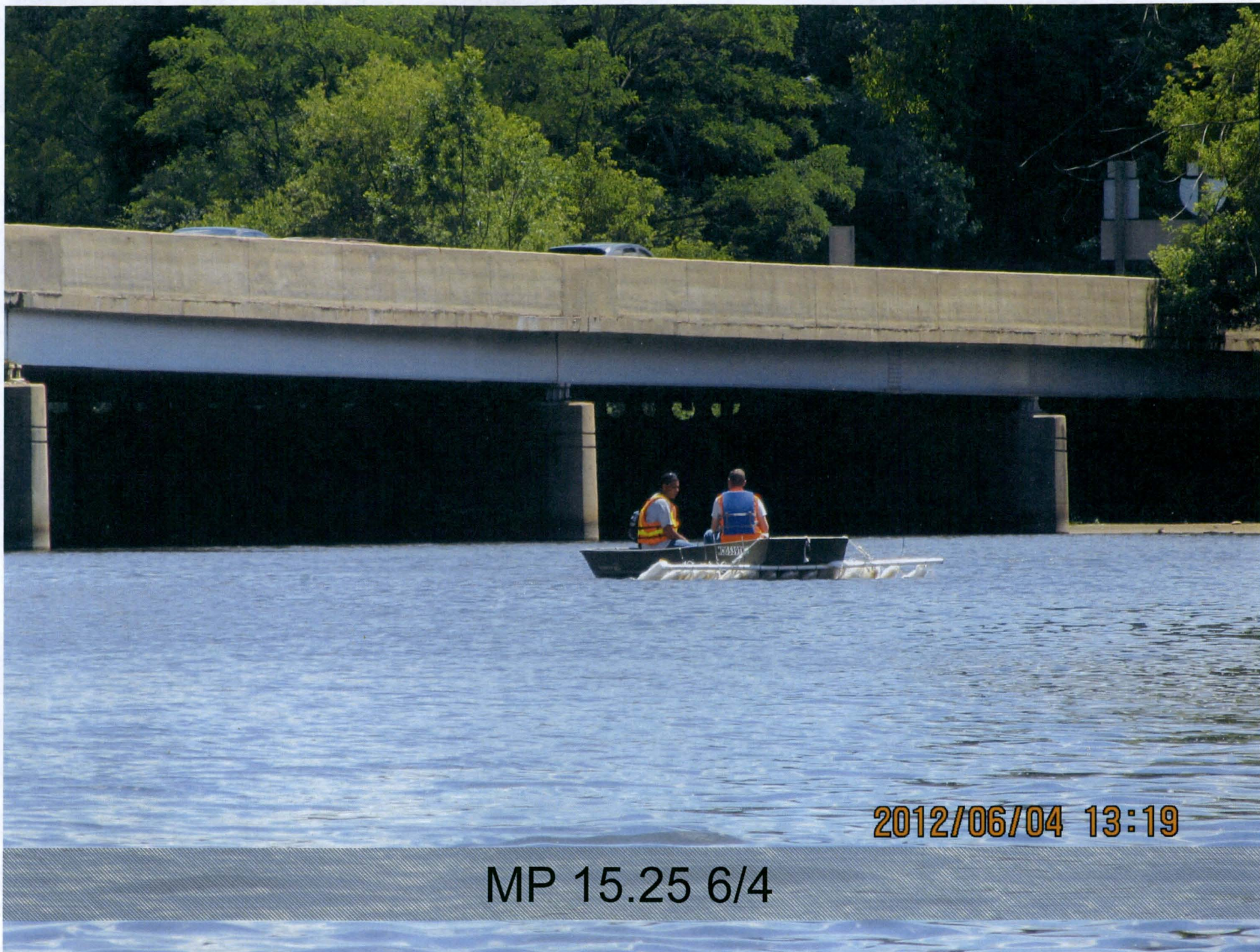


OB 13.40 LDB 6/4

2012/06/04 13:28



MP 15.25 6/4



2012/06/04 13:19

MP 15.25 6/4



2012/06/04 13:57

MP 19.25 6/4

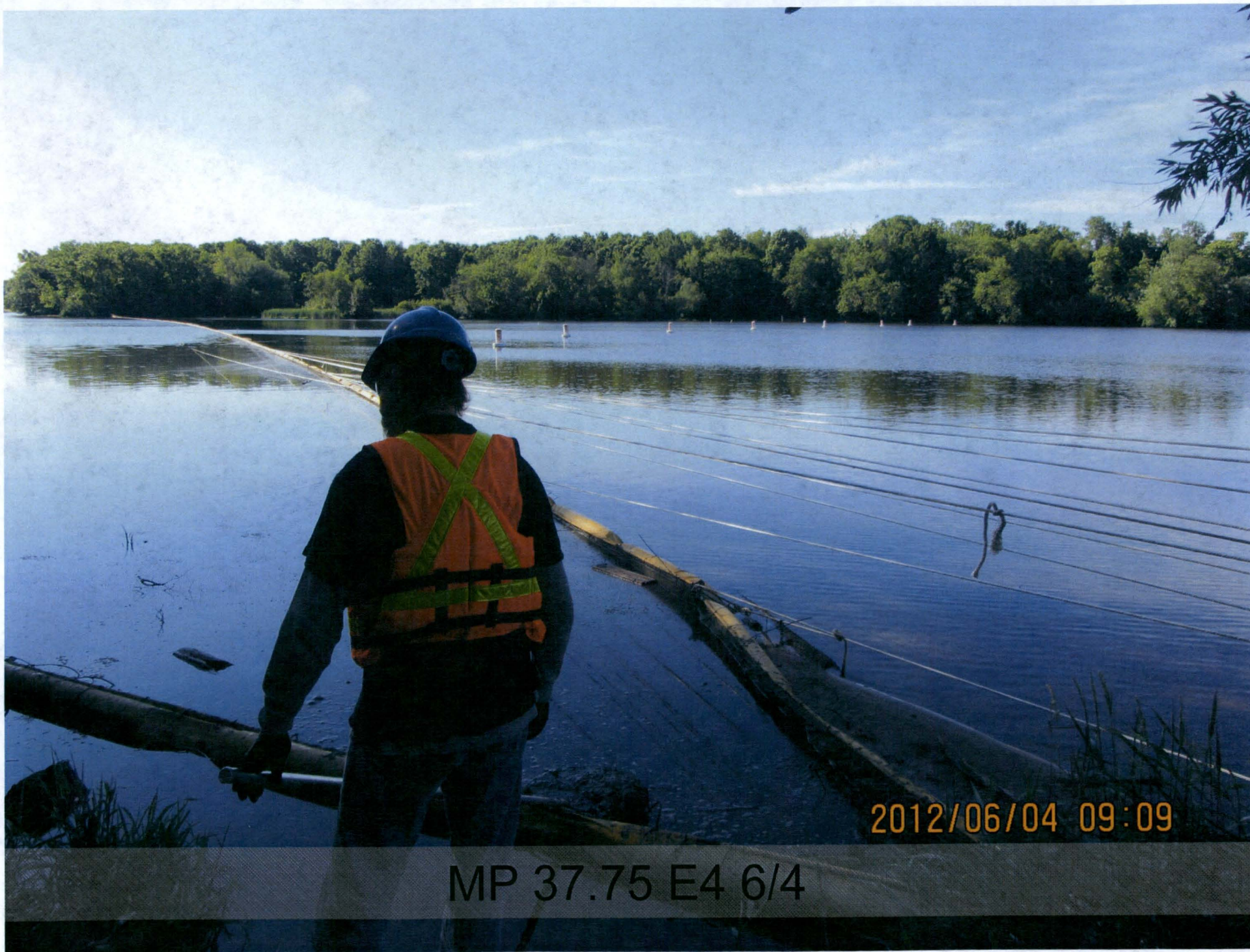


MP 26.25 RDB 6/1



2012/06/01 11:50

MP 30.8 6/1



2012/06/04 09:09

MP 37.75 E4 6/4

Command & General Staff Updates for UC

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

Closing Remarks

- Enbridge
- DEQ
- US EPA