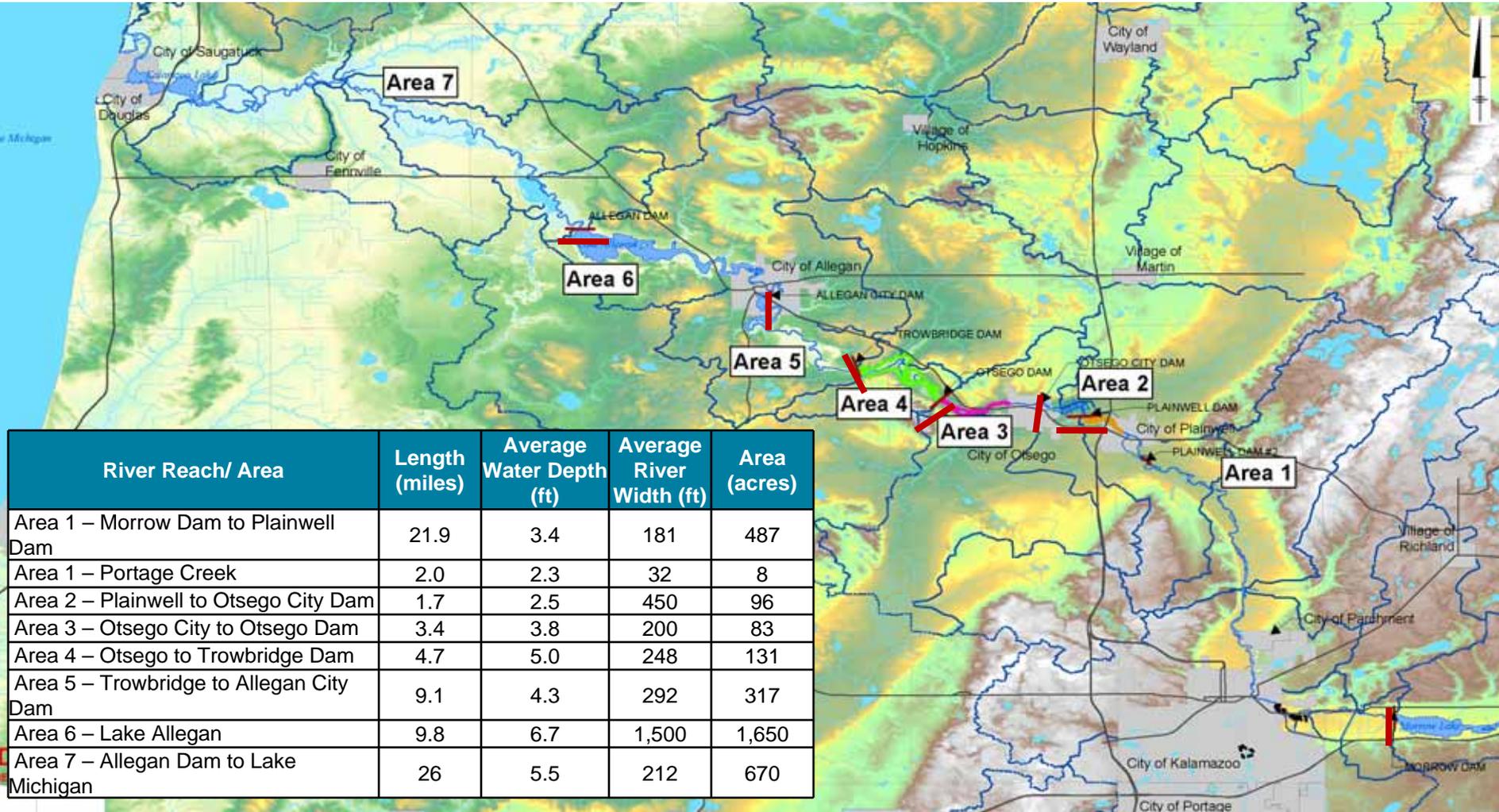


Supplemental Remedial Investigations/Feasibility Studies



The Seven Areas of Operable Unit 5 (The River and Portage Creek)

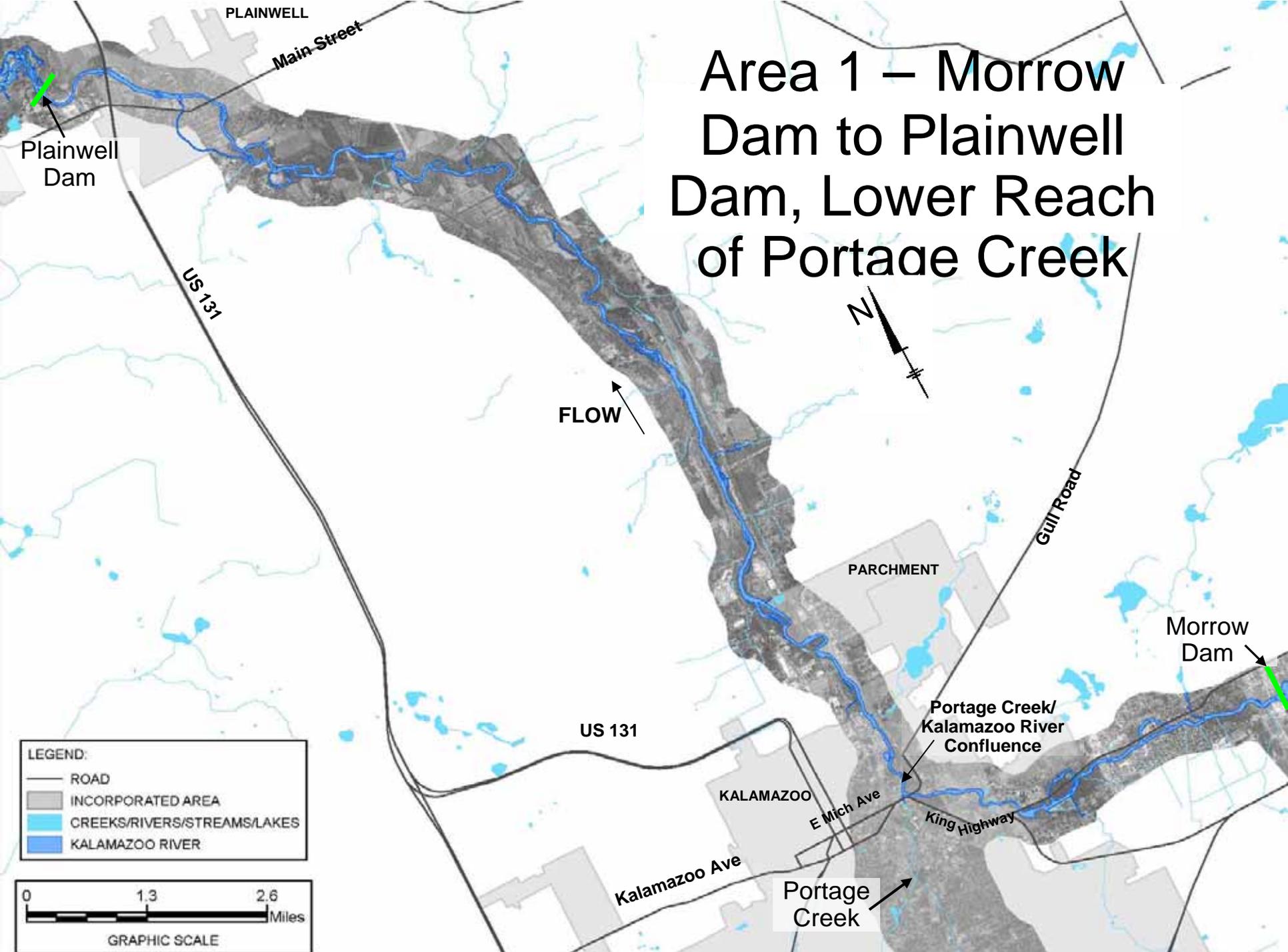


SRI/FS Overview

- Superfund Site investigations now guided by February 2007 AOC
- 80 miles of Kalamazoo River (OU5) divided into seven Areas – work expected to proceed sequentially in each Area
- Supplemental investigation data will be used in conjunction with existing data to develop separate SRI Reports, FS Reports, risk assessments, and RODs for each Area
- Long-Term Monitoring Program will be implemented



Area 1 – Morrow Dam to Plainwell Dam, Lower Reach of Portage Creek



Area 1 SRI Objectives

- Document current PCB levels in sediment
- Assess the size and characteristics of sediment “hot spots”
- Characterize PCB concentrations in discrete river sections (urban areas near Kalamazoo, Portage Creek, Plainwell)
- Assess potential human health and ecological risks
- Assess the pertinent effects of the Plainwell Time-Critical Removal Action (TCRA)



Area 1 Supplemental Sampling



Supplemental soil and sediment sampling and analysis efforts in Area 1 include:

- Phase 1 sampling September through December 2007
- Phase 2 sampling began in June and will continue through the fall 2008
- Phase 3 sampling Spring 2009
- Analyzing approximately 400 samples for PCB

Proposed SRI/FS Start Dates for Areas 2 through 7



Area 2:	Plainwell Dam to Otsego City Dam	July 2, 2010
Area 3:	Otsego City Dam to Otsego Dam	September 1, 2011
Area 4:	Otsego Dam to Trowbridge Dam	September 1, 2012
Area 5:	Trowbridge Dam to Allegan City Dam	September 1, 2013
Area 6:	Allegan City Dam to Lake Allegan Dam	September 1, 2014
Area 7:	Lake Allegan Dam to Lake Michigan	September 1, 2015

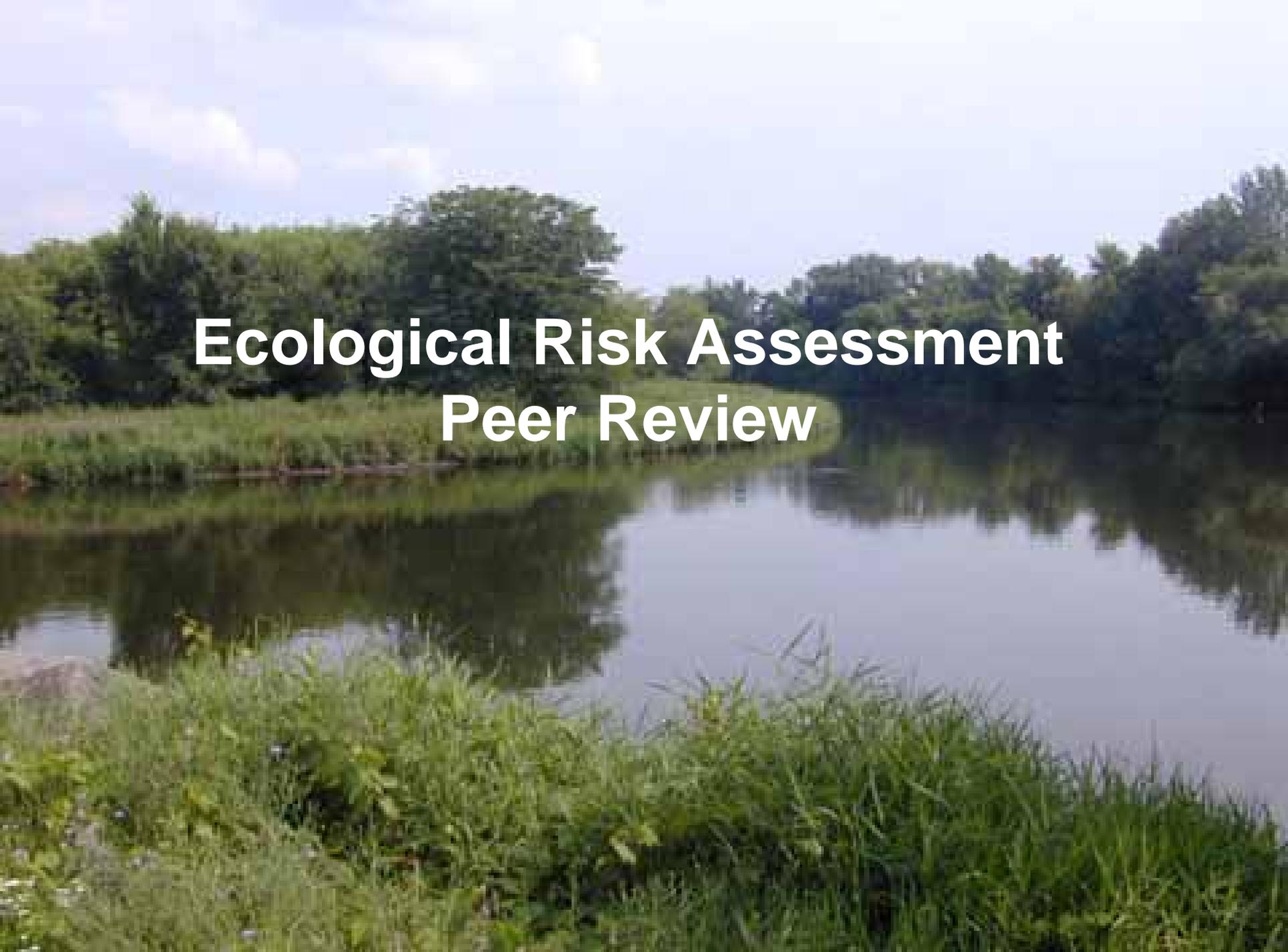
Phased field program started in Area 1 in September 2007 and is ongoing

SRI/FS Start Dates – What do they mean?

- Area-specific SRI/FS Work Plans will be due within 90 days of the start date
- Each Work Plan will include detailed schedules and descriptions of sampling and investigation activities
- Work will generally move from upstream to downstream
- Activities in multiple Areas will overlap, so work will take place in more than one Area at a time
- Work in each Area will extend over multiple years
- Expedited Clean-up Plan submitted by KRSG

Expedited Clean-up Plan

- Expedited Clean-up Plan proposal submitted by KRSG in August 2008
- Proposes remediation activities providing continuous clean-up progress over the next 12 years in the Plainwell, Otsego City and Otsego impoundments (Areas 1 through 3)
- Remediation work would occur concurrently with SRI/FS activities
- EPA and MDEQ are awaiting more details regarding proposed project activities from KRSG
- EPA and MDEQ will meet to discuss the proposal
- Meet with both KRSG and Stakeholders to discuss the details of the proposal



Ecological Risk Assessment Peer Review

Ecological Risk Assessment Peer Review

- February 21, 2007 Administrative Settlement Agreement and Order on Consent (AOC) negotiated requirement between U.S. EPA and the Kalamazoo River Study Group (KRSG)
- Conduct a peer review of ecological studies performed to date with respect to floodplain soils.
- The primary goal of the peer review panel is to assess the quality and relevance of ecological studies conducted by Michigan State University researchers as additional information for evaluating site-specific risk assessments and for supporting risk management decisions.

Ecological Risk Assessment Peer Review

- Process Consistent with U.S. EPA Science Council's January 2006 Peer Review Handbook
- Peer Review Manager: Dr. Kenneth Dickson, Regents Professor of Biological Sciences, University of North Texas
- Seven Peer Review panel members
- Peer Review Panel works independently
- Draft Peer Review Consensus Report completed September 2008
- Meeting on September 25, 2008 to discuss comments from EPA, MDEQ and KRSG on the Draft Peer Review Report
- Peer Review Panel to finalize consensus report by December 2008
- Results of Peer Review panel report to be used in future risk assessment report development and assist in decision-making