



PARTNERS FOR CLEAN STREAMS

ABOUT THE ORGANIZATION

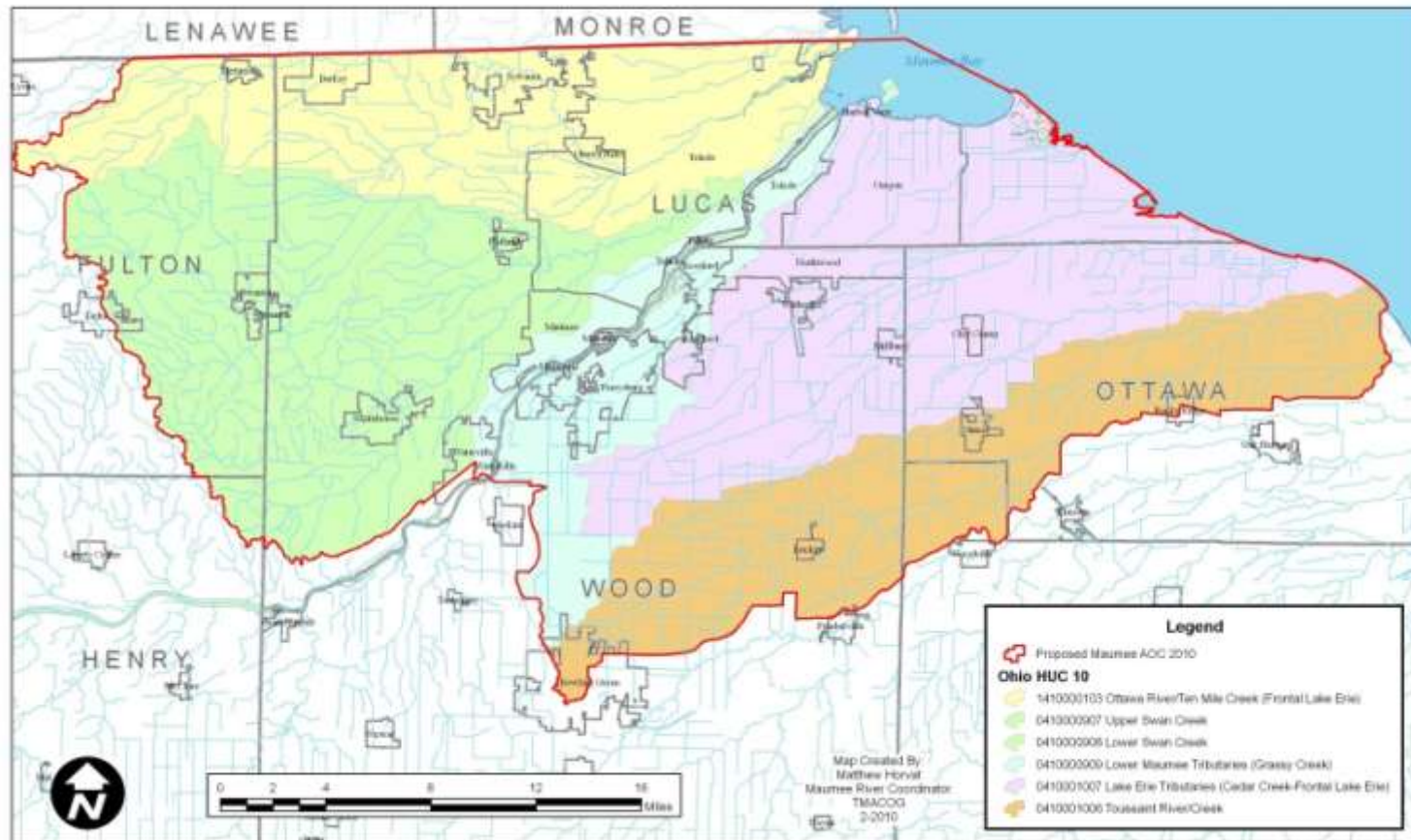
By Kris Patterson, Executive Director

PCS AND MAUMEE RAP COMMITTEE

- Formed in 2007 - grew out of the Maumee RAP Program
- A 501(c)3 non-profit community organization
- Supports local and regional water quality improvements
- Maumee RAP Committee is nestled in PCS organization and works side-by-side with State and Federal RAP program



MAUMEE AREA OF CONCERN VS WATERSHEDS



**Boundary was changed to shift from 11/14 HUCs to 10/12 HUCs.
Maumee AOC is six 10-digit HUCs totaling 11 independent watersheds.
Maumee AOC is 787 sq miles.**

MAUMEE WATERSHED VS AREA OF CONCERN



WHAT DO WE DO?

By Kris Patterson, Executive Director

WHAT'S COMING UP??

Re-scheduled Storm Drain Stenciling events

- PCS Global Youth Service Day Rain Out (again)
- 7 jurisdictions participating
 - Events re-scheduled over the next few months
 - Contact Paige if you are interested
 - Great for Scouts, school service credit, church groups



7th Annual Get the Lead Out Events

- June and July, when the water levels lower
- Multiple Maumee River sites after the fishing runs
- Do-it-yourself kits provided, giving groups flexibility
- Great for adult service organizations
(like Rotary, fishing/boating clubs, etc)



15th Annual Clean Your Streams– Save the Date: September 17th

8TH ANNUAL PARTNERING FOR CLEAN STREAMS YOUTH/SCOUT PATCH PROGRAM

Sunday , March 6, 2011

- PCS Workshop
- 86 total participants
 - 186 Girl Scouts
 - 4 Boy Scouts
 - 4 Other Youth

Saturday, April 17, 2011

- Global Youth Service Day
- Storm Drain Marking
- Nearly 80 pre-registered
- Rained Out in April
 - Groups already re-scheduling
 - Not too late to join!



6TH ANNUAL GET THE LEAD OUT! CLEANUP

May 21 to June 18, 2010

- Rescheduled to July due to high water
- 62 Total Participants
- Mostly fishing line and garbage



14TH ANNUAL CLEAN YOUR STREAMS DAY

September 11, 2010

- 665 Total Participants
- 50 land sites and 1 boat site cleaned
- 22,840 lbs (18,700 lbs garbage + 276 tires)
- Peculiar Items Found: gun safe, prom dress, koala statue, 18' boat w/motor, pipe organ, 1988 hunting license, antique ringer washing machine, parking tickets (5), Employee of the Month award, 1973 Pepsi can, book bag w/anatomy & biology books



OTTAWA RIVER WETLAND AND HABITAT RESTORATION PROJECT

at Camp Miakonda

CAMP MIAKONDA AND OTTAWA RIVER RESTORATION

- \$1.36 Million GLRI grant from US EPA
 - 2 year duration Sept 2010-Dec 2012
- Goals of restoration project
 - Restore/enhance approx. 10 acres & approx 30 acres associated
 - Reduce erosion & streambank restoration from 1200' of adjacent Ottawa River
 - Increase in-stream habitat for fish and macroinvertebrates
 - Increase diversity of in-water habitat for Lake Sawyer, allowing fish to winter over and allowing more active use of Lake Sawyer by Scouts
 - Encourage educational use of wetland, lake, river, and upland habitat
 - Project contributes to BUI goals and improvements for BUI 14 - Loss of Fish and Wildlife Habitat, BUI 3 - Degradation of Fish and Wildlife Habitat



PROJECT PHASES

✖ Phase 1 Study and Design

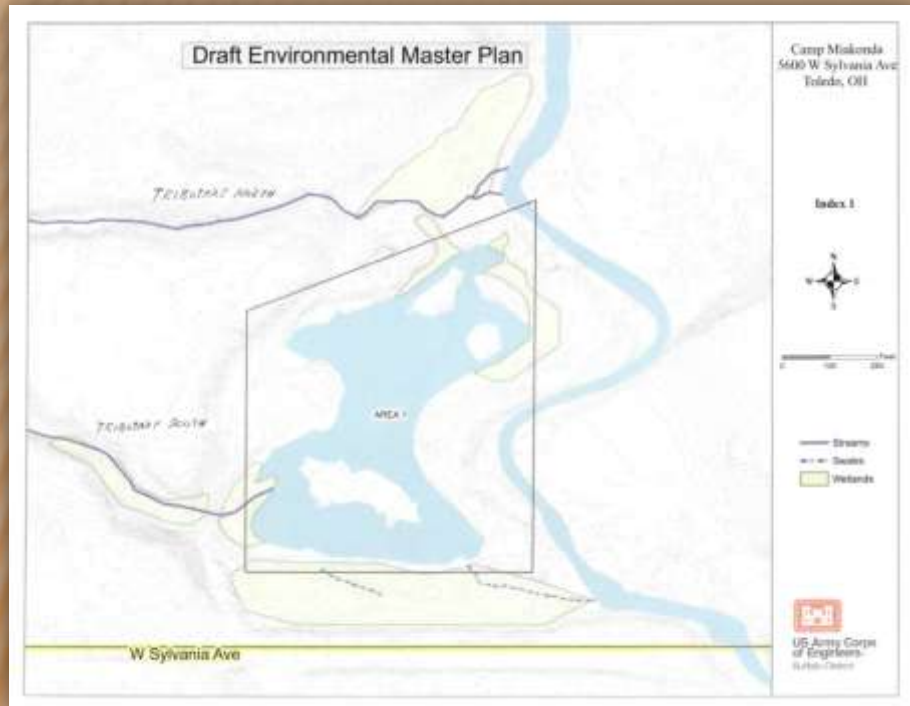
- ✖ 2007 Joyce Foundation funded a *Wetland Identification and Restoration Plan for the Ottawa River and Swan Creek watersheds*
- ✖ This study identified Camp Miakonda as a high restoration potential, high impact site so PCS began discussions
- ✖ With Boy Scouts interested in project, PCS secured an agreement with the Army Corp to pursue detailed study and concept plans (completed 2010)
- ✖ Agreement expanded to continue to develop detailed engineering and design plans for complex restoration

✖ Phase 2 Implementation

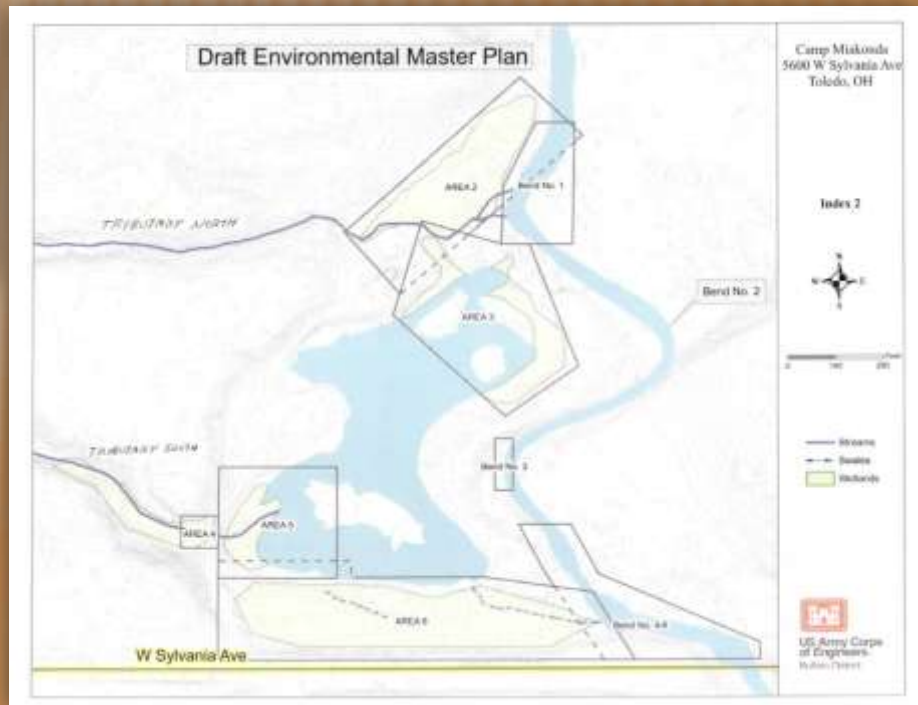
- ✖ Fall 2009, PCS began searching for funding source for implementation
- ✖ GLRI application in late 2009, selected for funding in mid-2010
- ✖ Grant agreement signed in fall 2010, funding made available on a reimbursement-basis in late Nov.
- ✖ Construction planned for Sept 2011; however this is dependent on permits
- ✖ Second year would be adaptation, monitoring, and public outreach
- ✖ Phase 1 is ongoing co-current with Phase 2 until May 2011

CAMP MIAKONDA AND OTTAWA RIVER RESTORATION

Improvement of Lake Sawyer



Improve surrounding
wetland/upland areas and
Ottawa River

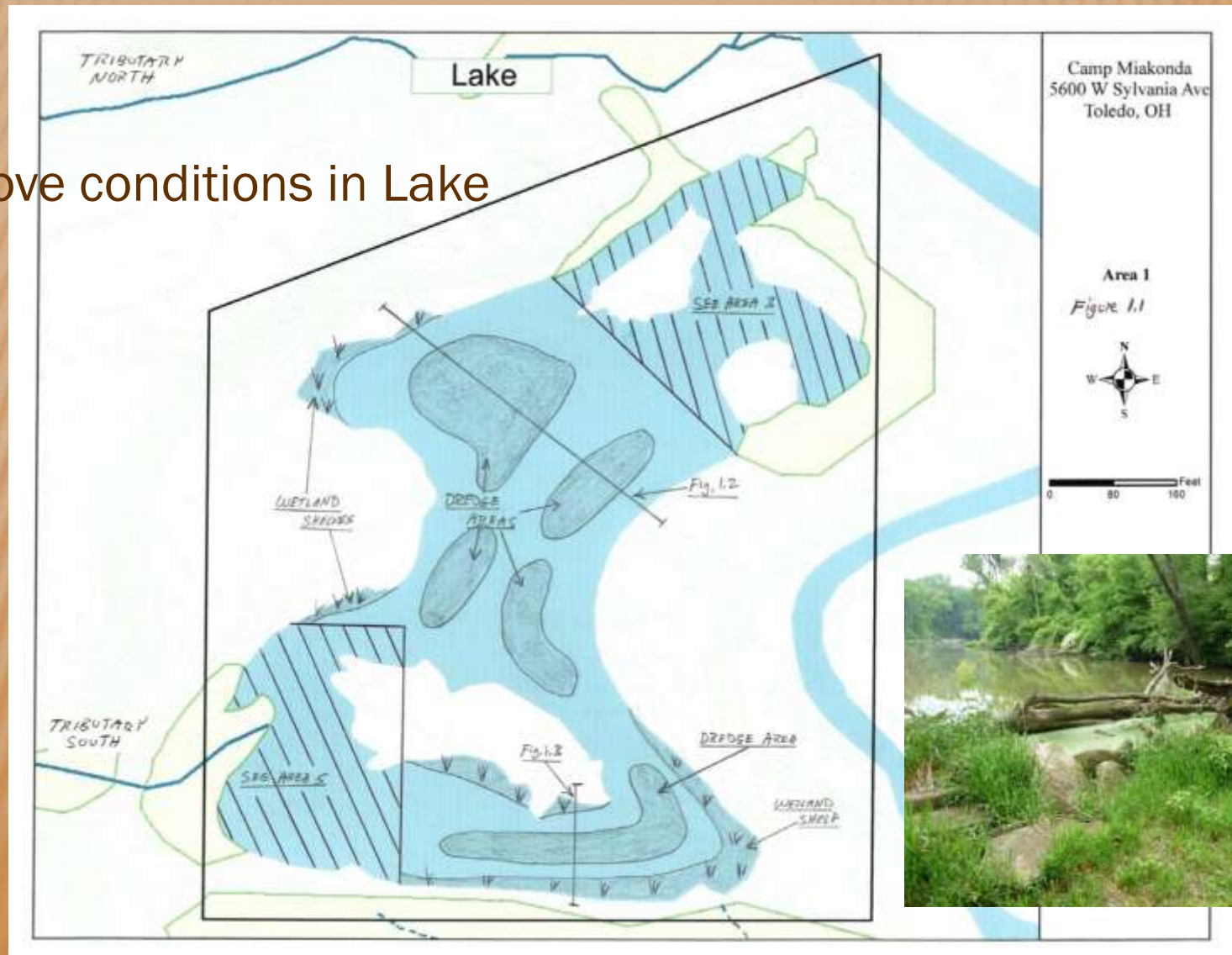


CAMP MIAKONDA AND OTTAWA RIVER RESTORATION

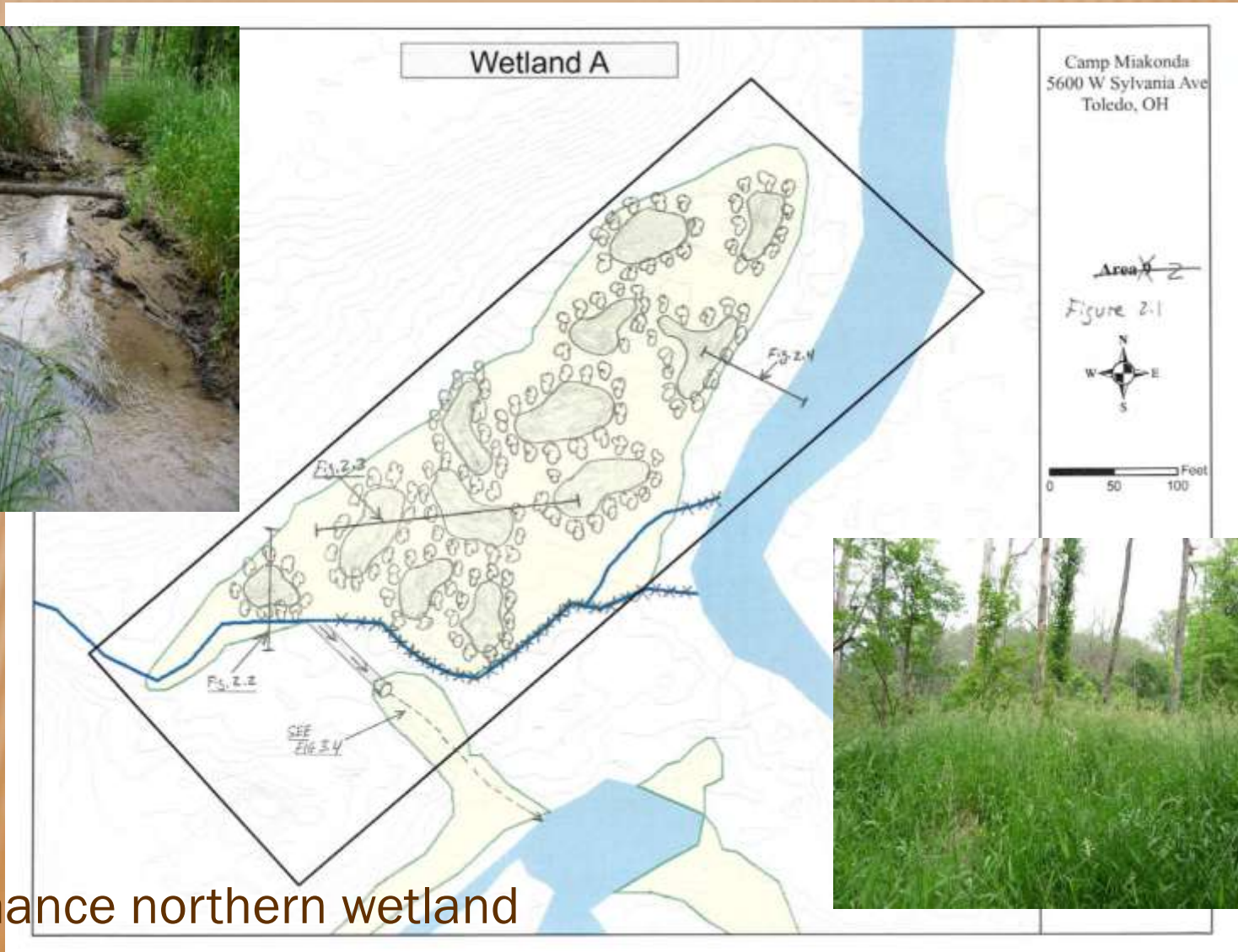


CAMP MIAKONDA AND OTTAWA RIVER RESTORATION

Improve conditions in Lake



CAMP MIAKONDA AND OTTAWA RIVER RESTORATION



Enhance northern wetland

RESTORATION CONCEPTS

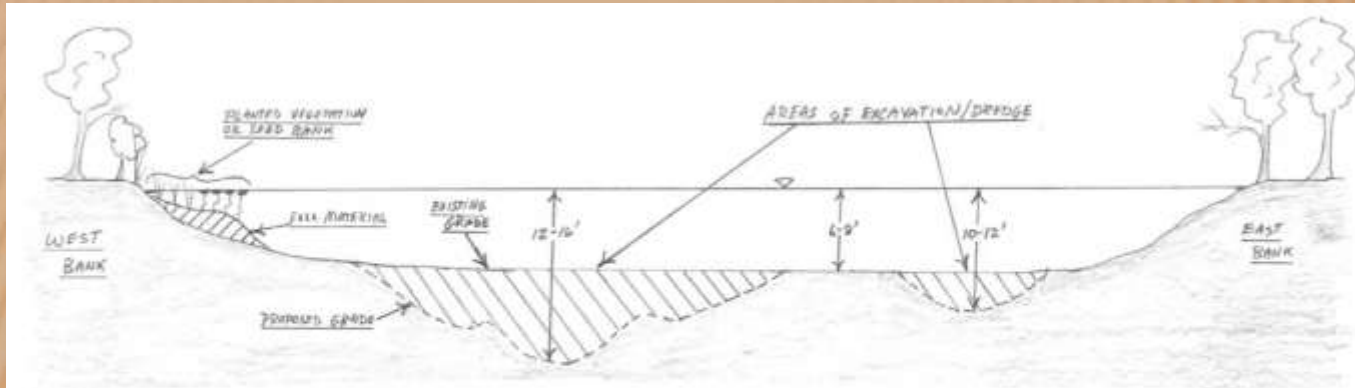


Fig. 1.2

Improvement of Lake Sawyer

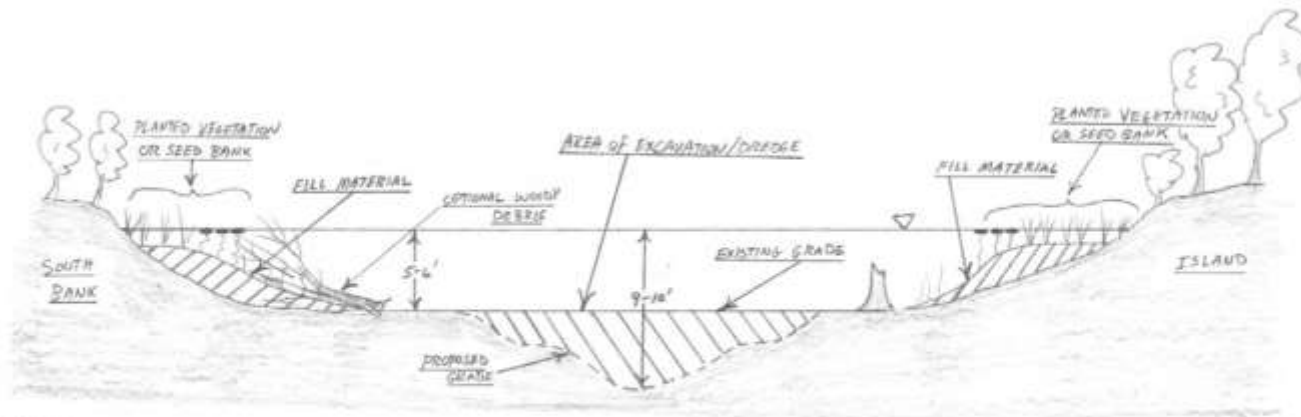
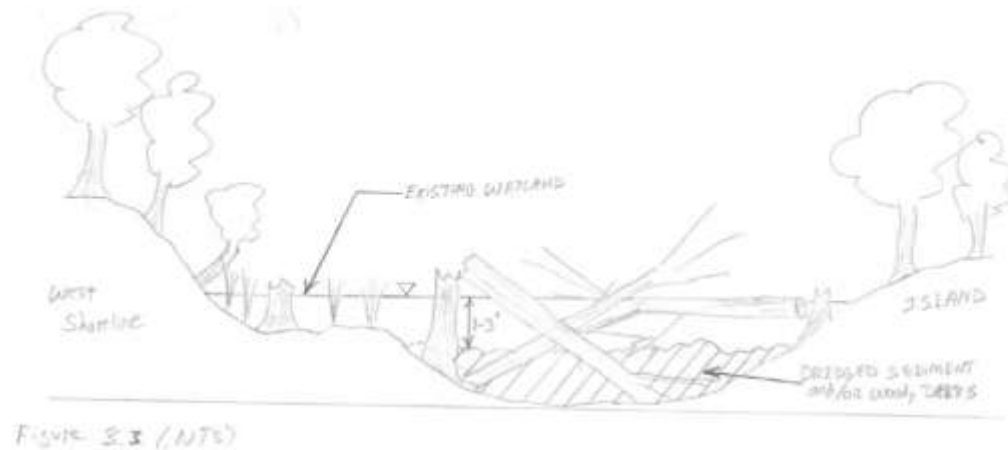
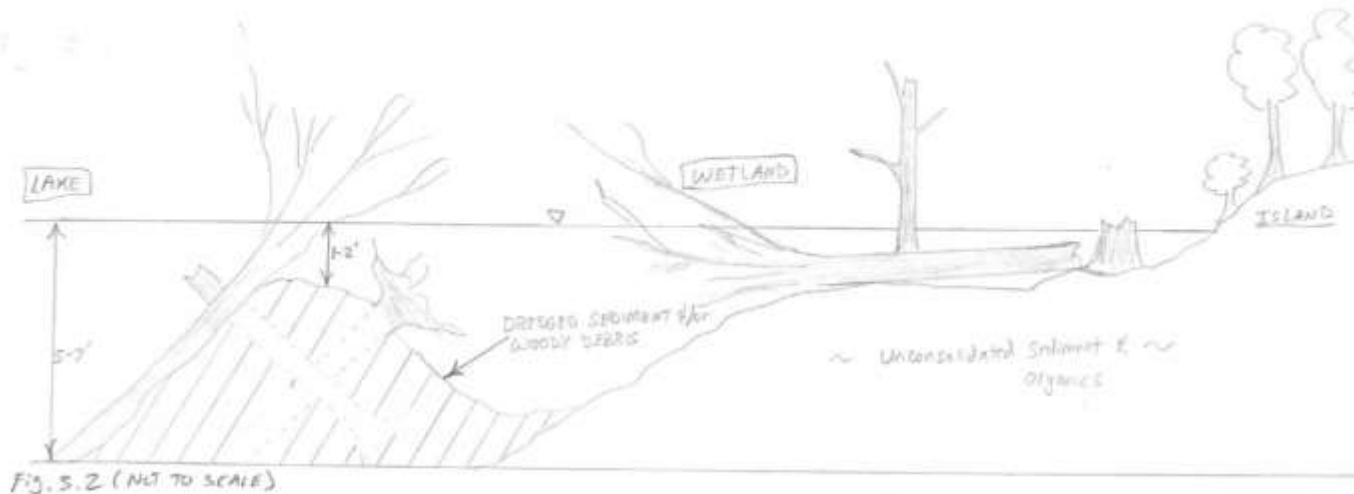


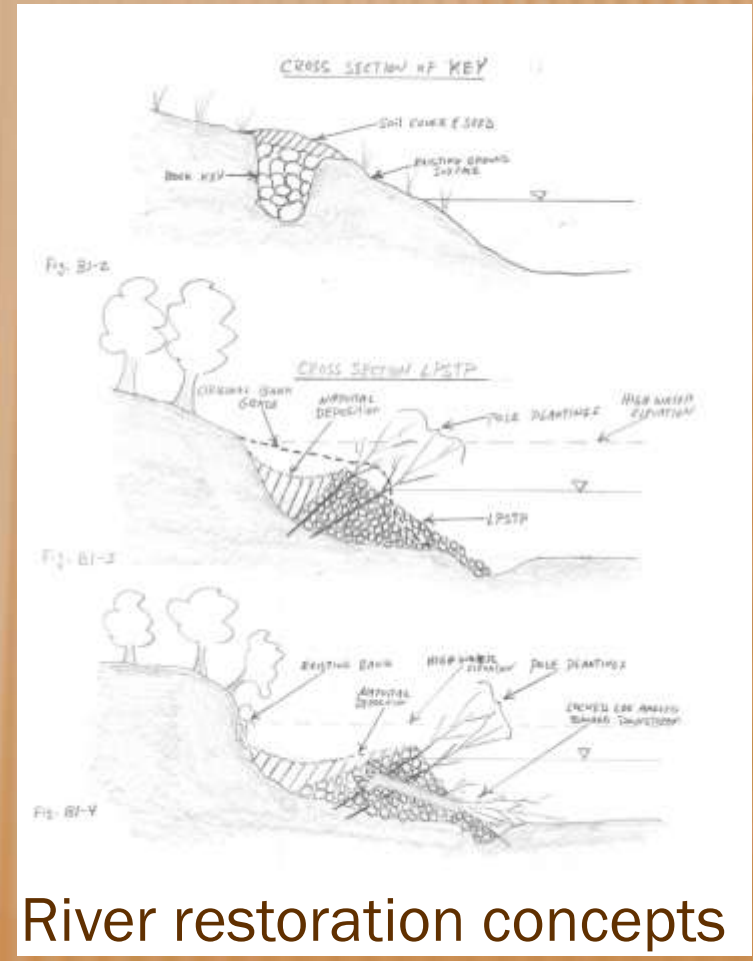
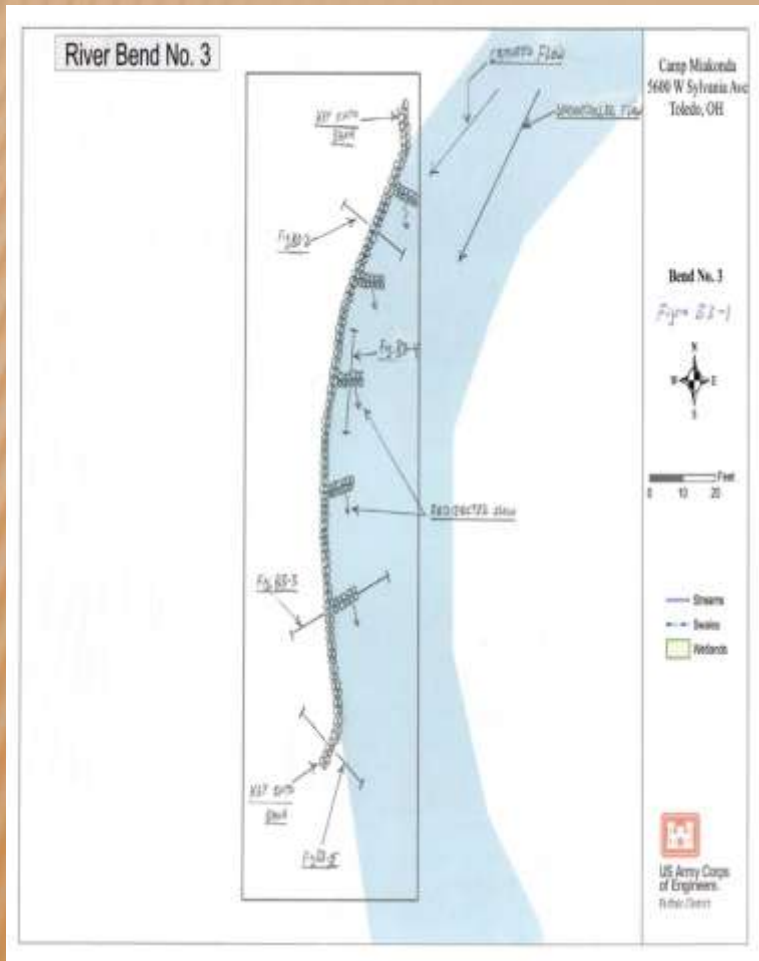
Fig. 1.3

RESTORATION CONCEPTS

Improvement of Lake Sawyer



RESTORATION CONCEPTS



River restoration concepts

CAMP MIAKONDA AND OTTAWA RIVER RESTORATION



Enhance
wetlands



Rubble piles
between River &
Lake Sawyer



Address severe
stream bank erosion

CONTACT US

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