

Goals and Objectives
Pine River VanEtten Lake (PRVEL)
Watershed Management Plan
Revised: Sept/2008

Goal 1: Improve and protect the cold water fishery of Pine River and it's tributaries

- Objective 1: Reduce sediment at 6 priority road/.stream crossings that have been ranked as severe
- Objective 2: Provide one-on-one technical assistance with agriculture producers to utilize exclusion fencing/buffer strips along the entire riparian corridor
- Objective 3: Reduce sediment at 4 eroding streambank sites ranked as severe and 17 ranked as moderate
- Objective 4: Provide educational programs to riparian property owners on topics such as erosion control, forest stewardship, wetlands, and vegetative buffer strips
- Objective 5: Present local units of government with information on the importance of vegetative buffer strips along streams, including a model ordinance
- Objective 7: Create a subcommittee to explore with the MDNR Fisheries Division the issue of adfluvial fish (those coming from Lake Huron to spawn) passage above VanEtten Dam and the impacts of impoundments

Goal 2: Ensure that the total/partial body contact designated use for VanEtten Lake is met

- Objective 1: Provide educational programs and materials to property owners on actions they can take to reduce their nutrient contribution (e.g. phosphorus)
- Objective 2: Continue yearly volunteer Michigan Cooperative Lakes Monitoring Program
- Objective 3: Use a shoreline technician to work one-on-one with property owners to voluntarily reestablish shoreline vegetative buffers
- Objective 4: Educate shoreline landowners about septic system inputs of pollution into VanEtten Lake and reduce the impact of those inputs
- Objective 5: Present local officials with information on the significance of vegetative buffer strips and assist them in adopting effective, consistent standards.

Goal 3: Restore VanEtten Creek in Alcona County to levels that will ensure it is removed from the State's non-attainment list (does not meet State water quality standards)

- Objective 1: Implement exclusion fencing/buffer strips at priority agriculture sites within riparian corridor to improve nutrient management
- Objective 2: Continue to provide one-on-one technical assistance with agricultural producers to encourage the use of BMP (best management practices)
- Objective 3: Highlight local examples of agricultural BMP (news releases, awards, etc)

Goal 4: Improve and protect the aquatic habitat within the watershed

- Objective 1: Support local enforcement officials to ensure that rules pertaining to the watershed are consistently followed
- Objective 2: Develop shoreline erosion control demonstration sites
- Objective 3: Conduct a county-level soil erosion workshop yearly
- Objective 4: Conduct yearly Invasive Exotic Species monitoring program
- Objective 5: Create a watershed-wide monitoring program to observe trends in water quality and provide a baseline of data for directing future efforts

Goal 5: Protect critical wildlife habitat areas within the watershed

- Objective 1: Coordinate master planning efforts among local units of government
- Objective 2: Promote riparian landscaping for wildlife and water quality through educational

presentations to professional landscapers and waterfront owners

- Objective 3: Work to make a voluntary Conservation Easement program more readily available to property owners within the watershed
- Objective 4: Provide training opportunities for planning and zoning commissioners
- Objective 5: Develop and distribute education packets that promote the conservation of aquatic and terrestrial organisms and their habitats to real estate agents, developers and contractors
- Objective 6: Produce and distribute GIS maps to landowners and local units of government

Goal 6: Sustain the Pine River VanEtten Lake Watershed Management process

- Objective 1: Continually seek funding sources to carry out the objectives
- Objective 2: Revisit Watershed Management Plan yearly and update as needed
- Objective 3: Promote the efforts of the Watershed Coalition through ongoing public relations and marketing campaigns

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