

OKABENA-OCHEDA WATERSHED DISTRICT

2014 ANNUAL PLAN AND BUDGET



Spring at Bella Park

OKABENA-OCHEDA WATERSHED DISTRICT
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OKABENA-OCHEDA WATERSHED DISTRICT 2014 ANNUAL PLAN

Implement Clean Water Partnership Joint Powers Board Projects

- Conduct water quality, stream flow and lake level monitoring of Lake Okabena as prescribed by the monitoring plan. Report data collected to the Minnesota Pollution Control Agency (MPCA).
- Collect and analyze nutrient release data from Lake Okabena sediment cores.
- Work with Worthington, MPCA and a consultant to install equipment, collect and analyze data to improve the Total Maximum Daily Load (TMDL) study and plan for Lake Okabena. Contribute money and staff time as needed to implement the project.
- Work with Worthington to complete a bottom survey of Lake Okabena and Sunset Bay comparing the data to earlier surveys.
- Work with Worthington to begin stabilization of Okabena Creek banks between Industrial Lane and the Whiskey Ditch flood control channel.
- Continue to offer Conservation Reserve Program (CRP) filter strip incentive payments throughout the District.
- Work with Worthington and other agencies to create programs for converting high priority CRP grass filter strip sites into permanent stream bank and lakeshore protection practices.
- Continue to provide administrative and technical services, and financial support, for Okabena-Ocheda-Bella Clean Water Partnership Joint Powers Board.
- Read staff gauges at least monthly during the ice free season on lakes Okabena, Ocheda, and Bella. Report data annually to the Department of Natural Resources (DNR).
- Assist Worthington with the acquisition of the Abramson property for stormwater storage and water quality improvement purposes.

Land Acquisition

- Continue to acquire property, as it becomes available, for wetland restorations, groundwater protection, stormwater storage and water quality improvement projects.

Lake Management Projects

- Evaluate the costs, effectiveness and feasibility of in-lake treatments for reducing the frequency and severity of late season algae blooms in Lake Okabena.
 - Analyze dissolved oxygen and lake sediment data to determine whether the lake may benefit from an aeration or water circulation system.
 - Analyze dissolved oxygen and phosphorus monitoring data to determine whether the lake may benefit from alum treatment in limited areas.
 - Continue experiment with Bioverse products in Whiskey Ditch and the Glenwood Heights pond to determine whether they have potential to reduce odors from algae blooms.
 - Monitor vegetation on existing floating island wetlands and install additional floating islands in the Olson Regional Stormwater Pond to evaluate whether they can be cost-effectively installed to reduce nutrient pollution and create wildlife habitat.
- Write a Lake Okabena restoration project plan.
- Write a Lake Ocheda management plan in partnership with the DNR that can be supported by a majority of the riparian landowners.
- Evaluate whether a winter fish kill occurred at Lake Ocheda and encourage the DNR to stock gamefish, if needed, to control carp reproduction.
- Encourage and facilitate seining of carp and other rough fish from Lake Ocheda.
- Accept ownership of the Lake Ocheda dam when the DNR offers it to the district.
- Investigate using Best Management Practices, including conservation easements, CRP programs, and local and state partnerships for land purchases to address surface water,

groundwater and flooding problems throughout the District.

- Install and monitor one or more woodchip bioreactors to determine whether additional bioreactors should be installed to remove nutrients from tile lines entering lakes and streams.
- Do analysis of the Okabena Creek subwatershed to determine whether the closing of the Herlien-Boote diversion channel reduces the stream flow rate and volume sufficiently to allow construction of a stormwater treatment structure in the stream channel north of Interstate 90.

Implement Information and Education Programs

- Work with the Worthington High School Agriculture teachers to develop watershed education curriculum materials.
- Work with Worthington to implement the public education components of the City's Stormwater Pollution Prevention Plan.
- Work with Worthington Public Utilities to implement the best management practices and educational components of the wellhead protection plan and plans to supplement the city's water supply.
- Work with the Lake Okabena Improvement Association (LOIA) to do water quality monitoring and non-point source pollution prevention education programs.
- Work with the LOIA and the Heron Lake Watershed District to create and implement an education program to prevent the spread of zebra mussels and Asian carp.
- Produce brochures, press releases or newspaper advertisements or website factsheets on non-point source pollution prevention.
- Financially support and provide staff for educational programs at the Prairie Wetlands Learning Area.
- Lead watershed district tours for Worthington High School classes, Minnesota West Classes and interested community groups.
- Provide presentations, as requested, for school classes and community groups.
- Support with staff time the Prairie Ecology Bus Center environmental education programs.

Implement Best Management Practices (BMPs)

- Identify landowners interested in conservation programs benefitting water quality, reducing flooding, preventing pollution or improving wildlife habitat. Refer landowners to agencies with appropriate BMP programs for technical or financial assistance.
- Offer CRP filter strip incentives throughout the District.
- Offer cost-share on terraces, waterways, well sealing, septic system replacement, rain gardens and conservation use acres and woodchip bioreactor programs.
- Create and implement innovative programs, using District levy funding if necessary, to address water quality and flood prevention problems.

Maintain and Improve District Property

- Work with Natural Resources Conservation Service and other partners to demonstrate cover crops on the St. John property.
- Monitor the water level on the St. John property to determine whether the newly installed ditch plug facilitates storage of additional stormwater and improves wetland vegetation.
- Monitor the new ditch plug and construction site in the Herlein-Boote WMA diversion property to ensure it is functioning and the site is permanently stabilized. Enter a joint powers agreement with the DNR for management of the property.
- Identify whether it is more advantageous to donate the Herlein-Boote diversion ditch property to the DNR or keep it for future watershed district management purposes.
- Perform weed control, litter cleanup, picnic area maintenance and beaver, muskrat and gopher control on district property.

- Maintain roads and structures at Lake Bella Park.
- Trim trees as necessary to maintain woody cover at Bella Park.
- Remove obstructions from the Lake Ocheda Dam as necessary.
- Mow and burn areas seeded using the Conservation Partners Legacy Grant in 2011, as needed, to aid establishment of the native plants.
- Do land preparation, seeding and weed control to establish approximately six acres of native prairie along the west side of Ochedan River in Bella Park.
- Install willow plantings on the western shore of Lake Bella during early spring.
- Work with the US Fish and Wildlife Service to manage district property consistently with the adjacent Lake Bella Waterfowl Production Area.
- Maintain and manage the dock at the Lake Bella boat landing.
- Operate the rough fish barrier on the Lake Ocheda dam from April 15th through October in compliance with the conditions of the DNR permit.

Act on Permit Applications and Monitor and Enforce Permit Program Compliance

- Review permit applications and issue permits when projects are in compliance with district rules and policies.
- Review drainage project notification forms for compliance with district rules.
- Inspect and monitor construction erosion control permit sites. Enforce compliance when necessary to avoid off-site sediment and nutrient pollution.
- Work with Worthington to inspect construction sites one acre or larger for compliance with state NPDES storm water permit requirements and City and District rules for pollution prevention and erosion control.

Coordinate District Activities with other Local, State and Federal Agencies

- Two Managers will be appointed to the Okabena-Ocheda-Bella Clean Water Partnership Joint Powers Organization board and participate in meetings.
- The Administrator will represent District at Worthington wellhead protection taskforce meetings.
- The District will contract with the Nobles Soil and Water Conservation District for technical services.

**Okabena-Ocheda Watershed District
2014 Budget**

REVENUES

Nobles County - District Levy	\$169,500.00
Local Government Aid	\$500.00
Property Income (St. John Property Crop)	\$4,000.00
Investment Interest	\$350.00
Permit Inspection Fees	\$300.00
Miscellaneous	\$1,000.00
Worthington Stormwater Program	\$8,000.00
Clean Water Partnership Reimbursements	\$11,000.00

TOTAL REVENUES **\$194,650.00**

EXPENDITURES

Legal/ Accounting	\$3,500.00
Board Compensation & Expenses	\$4,500.00
Insurance and Bonds	\$2,961.00
Miscellaneous	\$500.00

Office Expenses

Rent	\$2,271.61
Phone, Internet	\$1,000.00
Office Supplies	\$702.08
Photocopies	\$250.00
Postage & Box Rental	\$500.00
Bookkeeping Software	\$500.00
Computer and Printer	\$550.00

Personnel

Salary	\$51,880.00
PERA	\$3,766.49
Social Security & Medicare	\$3,968.82
Health Insurance	\$4,800.00
Mileage Reimbursement	\$3,300.00
Property Maintenance	\$4,000.00
MAWD Dues	\$900.00
MAWD Meeting & Training Expenses	\$2,500.00
Public Notice Publications	\$1,000.00
SWCD Administrative & Technical Services	\$5,000.00
Public Education	\$2,700.00
Cover Crop Demonstation Expenses	\$4,000.00
Watershed District Cost-Share	\$15,000.00
Filterstrip Incentive Program	\$38,000.00
Water Quality Basin Maintenance	\$1,500.00
Watershed Projects	\$20,700.00
Joint Powers Board Operations	\$4,500.00
Storm Water Education Contract Expenses	\$1,000.00
Water Quality and Flow Monitoring - Lake Okabena	\$8,900.00

TOTAL EXPENDITURES **\$194,650.00**

