

# OKABENA-OCHEMA WATERSHED DISTRICT

## 2022 ANNUAL PLAN AND BUDGET



Ocheda Dam During Second Winter Water Level Drawdown

OKABENA-OCHEMA WATERSHED DISTRICT  
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## OKABENA-OCHEDA WATERSHED DISTRICT 2022 ANNUAL PLAN

### **Implement Clean Water Partnership Joint Powers Board Projects**

- Conduct monthly water quality monitoring of Okabena and Ocheda lakes during June through September.
- Continue to offer Conservation Reserve Program (CRP) filter strip incentive payments throughout the District.
- 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 Okabena, Ocheda, and Bella lakes. Report data annually to the Department of Natural Resources (DNR).
- Do the maintenance work needed to establish the native vegetation on the Prairie View site. Provide funding as needed for planting upland areas to native vegetation.
- Manage Prairie View outlets to minimize the pond water level until vegetation is established around the sand filter benches.
- Do maintenance on the sand filter benches as needed to maintain their designed capacity.
- Continue discussions with Worthington about ownership and management of the Prairie View property.
- Do monthly inspections of the Prairie View ponds project site as required by the operation and maintenance plan. Perform maintenance as needed.
- Cooperate with Worthington, Nobles County and other partners to implement a multi-year Lake Okabena carp population control program.
  - Use radio telemetry equipment to locate tagged carp weekly during the spawning season and monthly during the rest of the year.
  - Implement seining or netting of carp to better measure the population of fish present in the lake and reduce their numbers.
  - Do feasibility analysis of installing barriers to keep carp from preferred spawning areas. Install barriers if feasible.

### **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**

- Work with Houston Engineering and the School District to evaluate the feasibility of installing water quality facilities on the ISD #518 Crailsheim property. Apply for appropriate grants to fund practice installation.
- Evaluate the costs, effectiveness and feasibility of in-lake treatments for reducing the frequency and severity of late season algae blooms in Lake Okabena.
- Monitor vegetation on existing floating island wetlands. Perform maintenance as needed to keep them anchored in place and vegetated.
- Work with Lake Ocheda plan management team to assess the success of the winter 2020/2021 drawdown attempt. Monitor vegetation recovery and water quality if successful and restock lake with gamefish. Plan for another drawdown attempt beginning in August if needed to improve water quality, reduce carp populations and promote vegetation.
- Manage new Ocheda dam fish barrier to prevent carp migration into the lake.
- 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.

## **Plan Implementation and Rules Update**

- Work with the local governmental units in the Missouri River Watershed Partnership (MRWP)Joint Powers Organization to receive the state grant and implement the Missouri River Watershed Comprehensive Water Management Plan. A manager will serve as a director on the MRWP joint powers board and staff time will be provided as needed to help implement the plan.
- Review and update district rules.

## **Implement Information and Education Programs**

- Develop and implement a social media campaign to educate the public about improving water quality in Lake Okabena and Lake Ocheda.
- Work with Nobles County to provide invasive species prevention programs for the county's lakes.
- 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.
- 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)**

- Work with the advisory committee and other partners to update the district's BMP cost-share and incentive programs.
- 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.
- Create and implement innovative programs, using District levy funding if necessary, to address water quality and flood prevention problems.

## **Maintain and Improve District Property**

- Perform spraying or mowing as needed to aid native plant establishment on the St. John property buffer strip.
- Monitor the water level on the St. John property to determine whether the ditch plug facilitates storage of additional stormwater and improves wetland vegetation. Perform maintenance or improvements to the structure as needed.
- Identify whether it is 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, trails and structures at Bella Park.
- Trim trees as necessary to maintain woody cover at Bella Park.

- Maintain and manage the dock at the Lake Bella boat landing.
- Mow fire breaks and complete controlled burns as needed at Bella Park to maintain native prairie cover.
- Install willow plantings on the western shore of Lake Bella during early spring if the lake water level permits.
- Work with the US Fish and Wildlife Service to manage district property consistently with the adjacent Lake Bella Waterfowl Production Area.
- Remove beaver dams from the 270th street culverts as needed.
- Maintain and operate the fish barrier on the Lake Ocheda dam from April 15<sup>th</sup> through October.

**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 of 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**

- Appoint two managers to the Okabena-Ocheda-Bella Clean Water Partnership Joint Powers Organization board and participate in meetings.
- Appoint a board representative and an alternate to the Missouri River Watershed Partnership Joint Powers Board. Participate in meetings as needed.
- Participate in Worthington wellhead protection taskforce meetings.
- Contract with the Nobles Soil and Water Conservation District for technical services.

## Okabena-Ocheda Watershed District 2021 Budget

<b>REVENUES</b>	<b>2021</b>
Nobles County - Administrative Levy	\$250,000.00
Nobles County - Insurance Levy	\$3,000.00
Local Government Aid	\$0.00
Property Income	\$1,400.00
Investment Interest	\$500.00
Permit Inspection Fees	\$200.00
Miscellaneous	\$1,000.00
Worthington Stormwater Program	\$6,000.00
Clean Water Partnership Reimbursements	\$9,000.00
Okabena Carp Management - City and Olson Trust	\$52,000.00
<b>TOTAL REVENUES</b>	<b>\$323,100.00</b>
<b>EXPENDITURES</b>	
Legal/ Accounting	\$5,000.00
Board Compensation & Expenses	\$8,000.00
Insurance and Bonds	\$3,400.00
Miscellaneous	\$1,000.00
<b>Office Expenses</b>	
Rent	\$2,700.00
Phone, Internet	\$1,000.00
Office Supplies	\$1,310.32
Photocopies	\$350.00
Postage & Box Rental	\$600.00
Bookkeeping Software	\$750.00
Computer and Printer	\$1,600.00
<b>Personnel</b>	
Salary	\$62,580.00
PERA	\$4,543.31
Social Security & Medicare	\$4,787.37
Health Insurance & HSA	\$11,780.00
Mileage Reimbursement	\$4,000.00
Property Maintenance	\$6,000.00
MAWD Dues	\$2,399.00
MAWD Meeting & Training Expenses	\$2,500.00
Public Notice Publications	\$1,000.00
SWCD Administrative & Technical Services	\$5,000.00
Public Education	\$3,800.00
Watershed District Cost-Share	\$15,000.00
Filterstrip Incentive Program	\$40,000.00
W9 Water Quality Basin Maintenance	\$1,000.00
Data Acquisition	\$60,000.00
Okabena Carp Management	\$50,000.00
Other Watershed Projects	\$75,000.00
Prairie View Project Maintenance	\$1,000.00
Joint Powers Board Operations	\$4,500.00
Storm Water Education Contract Expenses	\$1,000.00
Water Quality and Flow Monitoring	\$2,000.00
<b>TOTAL EXPENDITURES</b>	<b>\$383,600.00</b>