

OKABENA-OCHEDA WATERSHED DISTRICT

2013 ANNUAL REPORT



Floating Island Wetland at the Olson Regional Stormwater Pond

OKABENA-OCHEDA WATERSHED DISTRICT
960 Diagonal Road, P.O. Box 114
Worthington, MN 56187-0114
(507) 372-8228
<http://www.okabenaochedawd.org>

OKABENA-OCHEDA WATERSHED DISTRICT

BOARD OF MANAGERS

President	Les Johnson 28967 Co. Hwy. 35 Worthington, MN 56187
Vice President	Rolf Mahlberg 29403 Paul Avenue Worthington, MN 56187
Secretary	Jeff Rogers 1627 Fairway Lane Worthington, MN 56187
Treasurer	Casey Ingenthron 332 Lakehill Drive Worthington, MN 56187
Manager	Jay Milbrandt 27494 Read Avenue Worthington, MN 56187

STAFF

Administrator	Dan Livdahl 960 Diagonal Road, Box 114 Worthington, MN 56187
---------------	--

ADVISORY COMMITTEE

Dick Duba 1011 S. Shore Drive Worthington, MN 56187	Bob Demuth, Jr. 1404 Indian Hill Road Worthington, MN 56187
Doug Anton 2355 W. Ridge Road Worthington, MN 56187	Robert Rohrer 420 Worthmore Street Worthington, MN 56187
David Benson 26461 320 th Street Bigelow, MN 56117	Scott Rall 1027 Lexington Avenue Worthington, MN 56187
Keith Schroeder 30230 230 th Street Worthington, MN 56187	Tom Krohn 29268 Plotts Avenue Worthington, MN 56187
Dwayne Haffield City of Worthington P.O. Box 279 Worthington, MN 56187	Don Basche 29235 Plotts Avenue Worthington, MN 56187

ADVISORY COMMITTEE (continued)

Herman Hinders
1010 Park Avenue
Worthington, MN 56187

Eric Roos
Worthington Public Utilities
P.O. Box 458
Worthington, MN 56187

Galen Gordon
23797 Oliver Avenue
Worthington, MN 56187

Paul Langseth
35505 Lakehill Drive
Worthington, MN 56187

OKABENA-OCHEDA WATERSHED DISTRICT

2013 ACCOMPLISHMENTS

Clean Water Partnership

1. Contributed \$2,275 to the Okabena-Ocheda-Bella Clean Water Partnership Joint Powers Organization (JPO) for operating expenses.
2. Provided administrative and technical assistance to the JPO to manage board affairs and structures.
3. Conducted water quality monitoring of Lake Okabena monthly from May through October.
4. Purchased dissolved oxygen meter. Monitored dissolved oxygen semiweekly from July through September at three locations in Lake Okabena.
5. In partnership with Worthington, issued incentive payments for 165.1 acres of filter strips covering 90 percent of the streams in the Lake Okabena sub-watershed.
6. Solicited proposals and hired a consultant to collect and analyze data on Lake Okabena and its watershed to improve the Total Maximum Daily Load limits and plan.
7. Conducted a streambank erosion site inventory on Okabena Creek and streams flowing into Sunset Bay.
8. Attended tour of the Lake Savers total lake aeration site and viewed demonstration of Eco Harvester equipment to assess whether the technologies could help improve water quality in Lake Okabena.

Conservation Practices

1. Issued 56 Conservation Reserve Program (CRP) filter strip incentive payments totaling \$34,825.50 covering 340.6 acres throughout the District. These filter strips protect about 13 miles of stream courses and 14 miles of lake and wetland shorelines.
2. Made cost-share payments totaling \$900 to seal three unused wells.
3. Made cost-share payments totaling of \$2,000 to replace four non-compliant septic systems.
4. Made cost-share payments totaling \$8,009.82 to rebuild two grassed waterways.
5. Worked with Minnesota West students and the E.O. Olson trust to install four floating island wetlands in the Olson Regional Stormwater Pond.
6. In partnership with the Olson Trust and Bioverse, experimented with Bioverse products to control algae in Whiskey Ditch and the Glenwood Heights neighborhood stormwater pond.

Invasive Species Exclusion

Worked with the Department of Natural Resources and Worthington Public Utilities to develop a plan to permanently plug the Herlein-Boote Wildlife Management Area diversion ditch to prevent Asian carp from using the channel to enter the watershed district and the Des Moines River watershed. An upgrade of the western water level control structure and the ditch plug are scheduled for construction in early 2014.

Lake Levels and Worthington's Water Supply

Increased lake level monitoring to document high water conditions in June and drought conditions from July through December.

Public Information and Education

1. Sponsored and led educational tours for 5th grade students using the Prairie Ecology Bus at the Worthington Prairie Wetland Learning Area.
2. Conducted classroom sessions on sustainable agriculture at Worthington High School.
3. Conducted healthy soils sessions for the Elementary Field Day at the Southwest Research and Outreach Center in Lambertton.
4. Led watershed tours for Worthington High School agriculture classes, and Minnesota West Community and Technical College students.

2013 ACCOMPLISHMENTS (continued)

5. Helped coach two Worthington High School Envirothon teams.
6. Gave two classroom presentations to Minnesota West students on soils and watershed management.
7. Gave presentations to Early Risers and Noon Kiwanis clubs on improving water quality in Lake Okabena.
8. In partnership with the Heron Lake Watershed District, held an invasive species education meeting for area residents.
9. Updated the district website monthly.
10. Worked with Worthington to accomplish educational components of the city's Stormwater Pollution Prevention Plan including:
 - Distributing three pollution prevention factsheets to Worthington Public Utilities customers.
 - Installing 100 catch basin markers in Worthington.

Construction Site Inspections

Completed semi-weekly inspections of construction sites with National Pollutant Discharge Elimination System stormwater permits in Worthington from March through December. Communicated regularly with Stormwater Pollution Prevention Plan responsible parties about installation and maintenance of Best Management Practices required by their plans.

District Property Management

1. Installed silt fence and planted a wheat cover crop on the St. John property to stabilize the area disturbed by Highway 60 project construction. Allowed additional black soil to be spread on the site.
2. Planted fall cover crop on the farmable portion of the St. John property preparing the site to demonstrate cover crops in future years.
3. Installed rock ditch plug on the St. John property to hold and treat more stormwater onsite.
4. Continued mowing and weed spraying to help establish the grasses and forbs planted in 2011 using the Conservation Partners Legacy Grant money. Mowed fire breaks to allow the property to be burned for maintenance during spring 2014.
5. Picked up litter and mowed around the picnic shelters and restroom weekly at Bella Park.
6. Sprayed to control thistles on the Ocheda Dam, St. John, and Bella Park properties.
7. Cleaned up litter multiple times at the St. John Property.
8. Operated and maintained the fish barrier at the Lake Ocheda dam.
9. Planted 500 willow tree cuttings on western shore of Lake Bella to improve bank stability.

Permits and Drainage Project Notifications

Issued sixteen permits for projects. Monitored erosion and sediment control activities on eighteen permitted construction sites. Received and reviewed notification forms for three tile drainage projects.

Okabena-Ocheda Watershed District

2013 Income and Expenses

Ordinary Income/Expense

Income

Checking Interest	0.14
CWP Reimbursements	10,947.58
District Levy	168,541.33
Insurance Premium Refund	1,494.00
Local Government Aid	1,048.49
Miscellaneous Income	3,688.44
Money Market Account Interest	408.74
Permit Inspection Fees	200.00
Property Rent	29,700.00
Storm Water Education	<u>5,921.56</u>

Total Income 221,950.28

Expense

Audits	2,000.00
Bank Fees	20.00
BMP Cost-Share	10,909.82
CWP Board Expense Contribution	2,275.00
Education Expenses	1,294.88
Filter Strip Incentives	34,395.50
Insurance and Bonds	2,556.00
Legal	1,120.00
MAWD Dues	896.20
MAWD Meeting Expenses	908.38
Miscellaneous	8,028.42
Office Expenses	4,749.15
Payroll Expenses	67,808.75
Property Maintenance	6,235.51
Property Taxes	6.34
Public Notices	517.06
Staff and Managers Training	528.52
Storm Water Education Expenses	276.56
SWCD Services	5,000.00
Water Quality Projects	7,812.94
Water Sampling	<u>2,158.97</u>

Total Expense 159,498.00

Net Ordinary Income 62,452.28

Other Income/Expense

Other Income

Water Quality Projects Contribution	<u>5,000.00</u>
-------------------------------------	-----------------

Total Other Income 5,000.00

Other Expense

Lake Okabena Monitoring Project	<u>46.86</u>
---------------------------------	--------------

Total Other Expense 46.86

Net Other Income 4,953.14

Net Income 67,405.42

Balance Sheet

December 31, 2013

ASSETS

Current Assets

Checking/Savings

District Checking \$1,352.06

Wells Fargo Checking \$12,773.53

Wgtn Federal Money Market Acct. \$169,039.37

Total Checking/Savings \$183,164.96

Total Current Assets \$183,164.96

TOTAL ASSETS \$183,164.96

LIABILITIES & EQUITY

Equity

Opening Bal Equity \$193,655.50

Retained Earnings -\$77,895.96

Net Income \$67,405.42

Total Equity \$183,164.96

TOTAL LIABILITIES & EQUITY \$183,164.96