

**2005 ANNUAL REPORT  
DEPARTMENT OF PLANNING, RESOURCES AND  
LAND MANAGEMENT**

**To the Honorable Board of Supervisors of Ozaukee County**

The department had an exciting year filled with many opportunities and challenges as we served Ozaukee County taxpayers, contractors, and others in a timely and professional manner.

The Department of Planning, Resources and Land Management (PRLM) partners with many state, federal and local organizations to protect, preserve and enhance natural resources and the quality of life through cost-effective planning, educational and financial assistance programs, and environmental protection regulation.

**OVERVIEW OF MAJOR PROGRAMS**

**2005 INSTALLATION OF CONSERVATION PRACTICES**

Practice(s)	Unit
Grassed Waterway	2 waterways, total length 1,950 ft. = 1.75 acres
Heavy Use Area Protection	Approximately 10,000 sq ft
Underground Outlets	3 Units, Approx. 318 feet
Waste Transfer	1 unit
Manure Storage Sand Separator	1 unit
Buffer (CREP Equivalent)	2 under development = over 2 miles in length
Barnyard runoff control	1 system
590 Nutrient Management Plans	1 plan = 414 acres // 1 plan = 1,050 acres
Total State Cost Share Amount:	\$78,937 (paid out \$20,372; carried over \$58,565, which is assigned for projects to be completed in 2006)
Total Federal Cost Share Amount: Approximately \$75,000.00	

Cost share dollars were provided from the following state and federal incentive programs: Soil & Water Resource Management (SWRM) Grant and USDA Environmental Quality Incentive Program (EQIP).

**2005 WISCONSIN FARMLAND PRESERVATION PROGRAM**

Conservation plans are on file for the 174 landowners who participated in the Farmland Preservation Program (FPP) in 2005. A master file of all participants, tax key numbers, and amount of acres enrolled was created in 2005. The 2006 goal is to spot check 25% of the land acres enrolled in FPP for compliance.

## NONMETALLIC MINING RECLAMATION

The PRLM Department is presently working with four active sand/gravel pit operators in the Towns of Grafton and Fredonia. All of these mine operations are inspected on an annual basis and have approved reclamation plans and associated financial assurance. The total unreclaimed acreage of nonmetallic mining within the jurisdiction of Ozaukee County is approximately 105 acres.

## 2005 WILDLIFE DAMAGE ABATEMENT & CLAIMS

This program offers abatement and claims assistance to agricultural producers who suffer economic loss from crop damage due to one of the following species: deer, geese, and turkeys. Through this 100% state-funded program we investigated numerous agricultural crop fields. Two crop producers signed up for the program. A total of \$593.75 was spent on abatement and one claim of \$800.14 was sent to the state for approval.

### *Deer Donation*

Sixty four deer were donated through the deer donation program. A total of 2,253 lbs. of ground venison was distributed to: Family Sharing in Grafton, and Random Lake Area Interfaith Pantry. The program paid 100% of the processing cost of \$3,200.00. The Cedarburg chapter of Whitetails Unlimited donated \$1,000.00 to offset the dumpster, freezer rental, and processing costs of the two processors (Blau's Saukville Meats and Schwai's Meat & Sausage).

## 2005 TREE & SHRUB SALE PROGRAM

Approximately 46,050 trees and shrub plants were sold to approximately 400 landowners. The department tree planter was leased to nine landowners who planted 37,350 trees.

## SANITATION

The Planning, Resources and Land Management Department issued one hundred sixty-two (162) state sanitary permits to allow the installation of Private Onsite Wastewater Treatment Systems (POWTS) within the county. The following table is an explanation of one hundred fifty-four (154) of these permits:

System Type	Number of Permits Issued	New Construction POWTS (%)	Replacement POWTS (%)	Revenue (\$)
A+0 Mound	1	100.00	0	600.00
A+4 Mound	72	59.72	40.28	43,200.00
At-Grade	12	25.00	75.00	7,200.00
Conventional	15	46.67	53.33	5,805.00
Holding Tank	14	21.43	78.57	8,400.00
In-Ground Pressure	0	0	0	0
Mound	40	65.00	35.00	24,000.00
<b>Total:</b>	<b>154</b>	<b>53.90</b>	<b>46.10</b>	<b>89,205.00</b>

\*Total revenue includes the \$75.00 groundwater surcharge/permit due the state

Six (6) of the above permits utilized pretreatment devices, as allowed by Comm 83, Wisconsin Administrative Code. The department also issued eight (8) repair permits and nine (9) county abandonment permits to allow for septic tank/pump chamber replacements and existing system abandonment.

**POWTS MAINTENANCE PROGRAM**

The department issued twenty-eight hundred eighty-one (2881) notices for required routine maintenance on POWTS within the county. As of December 31, 2005, five hundred seventy-six (576) of these notices (20%) were non-compliant. Total maintenance fees received by the department amounted to \$87,105.00.

The department processed three (3) applicants for the Wisconsin Fund Private Sewerage System Replacement or Rehabilitation Grant Program. A total of \$14,892.00 was distributed to these applicants.

**SHORELAND ZONING**

The department issued fifty-six (56) zoning permits to allow the improvement of lands within the shoreland area of the county. The following table is an explanation of such permits:

<b>Permit Type</b>	<b>Number of Permits Issued</b>	<b>Revenue (\$)</b>
Principal Structure*	35	-
Accessory Structure*	13	-
General	8	-
<b>Total:</b>	<b>56</b>	<b>15,294.62</b>

\*Includes modification and/or addition

The department presented a total of sixteen (16) applicants to the Board of Adjustment. Thirteen (13) of the applications were for conditional use (special exception) permits; three (3) were for variances, two (2) of which were denied. All other applications were approved. Application fees amounted to \$4,400.00.

The department presented a total of nine (9) applicants to the Land Conservation and Zoning/Environment and Land Use Committee. Two (2) of the applications were for rezoning and seven (7) of the applications were for preliminary plat review. All of the applications were approved. Application fees amounted to \$4,730.00.

## **2005 USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS) PROGRESS SUMMARY**

Daniel Lynch, USDA District Conservationist, retired at the end of 2005. Below are some of his completed tasks for 2005:

- Planned approximately 600 acres for conservation
- Assisted 11 landowners with Environmental Quality Incentives Program (EQIP) applications
- Cost-shared conservation tillage on approximately 2,000 acres
- Facilitated the installation of one manure storage facility and the abandonment of two manure storage facilities through EQIP
- Completed 15 Farm Service Agency status reviews

### **COMPREHENSIVE PLANNING**

In 2005, the Planning, Resources and Land Management (PRLM) Department continued the lead coordinating role in the multi-jurisdictional comprehensive planning effort, which includes 14 of the 16 communities in Ozaukee County. This effort is being conducted under a Wisconsin Department of Administration (WDOA) Comprehensive Planning Grant of \$408,000.00, for a total 4-year multi-jurisdictional comprehensive planning development project budget of \$680,000.00. In addition, the PRLM Department completed a WDOA Wisconsin Coastal Management Program (WCMP) grant for \$25,000.00 for a total one-year project budget of \$50,000.00. These funds will be used to enhance the Agricultural, Natural and Cultural Resources Element of the Multi-jurisdictional County Comprehensive Plan through 1) a Countywide Comprehensive Planning Survey, 2) a completed Ozaukee County Land and Water Resource Management (LWRM) Plan, 3) initiation of a Southeastern Wisconsin Regional Water Supply study, and 4) enhanced public participation through the development of the county planning website, public informational forums, and the implementation of the adopted county Comprehensive Planning Public Participation Plan (<http://www.co.ozaukee.wi.us/SmartGrowth/Index.htm>).

The PRLM Department also staffed and coordinated the 29-member (15 citizen representatives and 14 local government representatives) *Comprehensive Planning Citizen Advisory Committee (CAC)* to assist in the Multi-jurisdictional Comprehensive Planning effort. The PRLM Department continued to staff and coordinate efforts of the *Comprehensive Planning Board (CPB)* (formerly the *Smart Growth Committee*), the *Comprehensive Planning Technical Staff Work Group*, and the *Comprehensive Planning Element Work Groups*. The PRLM Department has assisted in coordinating comprehensive planning related issues for the *Local Ozaukee Government Information Network (LOGIN)* and *First Fridays Forum* meetings.

As part of the county Public Participation Plan and the WCMP grant, the PRLM Department, in conjunction with the UWM Center for Urban Initiatives and Research (CUIR), SEWRPC, the *Comprehensive Planning Board* and the *Comprehensive Planning Citizen Advisory Committee*, completed a County Comprehensive Planning Public Opinion Survey of Ozaukee County Residents in June 2005. The survey results and report can be found on the planning website (<http://www.co.ozaukee.wi.us/SmartGrowth/PressReleases/Release05-5.htm>).

The PRLM Department held a series of County Comprehensive Planning “kickoff” meetings throughout the County. A *Strengths, Weaknesses, Opportunities and Threats (SWOT)* workshop was conducted at each of these county “kickoff” meetings.

(<http://www.co.ozaukee.wi.us/SmartGrowth/PDF/11x17%20strengths%20weak%20opps%20thr.pdf>).

The most significant accomplishment in 2005 was the completion and CAC and CPB approval of the first five chapters of the Ozaukee County Comprehensive Plan: 2035, as well as the preparation of all the base and thematic mapping. The first five chapters are comprised of the introduction and inventory chapters for each of the nine elements of a comprehensive plan. They are: Chapter I: Introduction and Background; Chapter II: Population, Household, and Employment Trends and Projections; Chapter III: Inventory of Agricultural, Natural, and Cultural Resources; Chapter IV: Inventory of Existing Land Uses, Transportation Facilities and Services, and Utilities and Community Facilities; and Chapter V: Existing Plans and Ordinances (<http://www.co.ozaukee.wi.us/SmartGrowth/DraftPlanSummary.htm>). A more comprehensive update of all these activities can be found on the planning website at: (<http://www.co.ozaukee.wi.us/SmartGrowth/PlanningUpdates.htm>).

The PRLM Department also represented Ozaukee County on the SEWRPC Regional Planning Advisory Committees for both the Population and Economic Forecasts Regional Plan and the Land Use Regional Plan updates.

#### **GYPSY MOTH SUPPRESSION PROGRAM**

The PRLM Department coordinated with local municipal coordinators to field-investigate and GIS-map potential spray blocks for 2005 and 2006. No eligible treatment blocks were established for 2005 or 2006.

#### **LION’S DEN GORGE NATURE PRESERVE**

In 2005, the PRLM Department, in conjunction with the Parks Department, successfully completed 90% of four significant grants for the passive-use park development, public access development, and wetland restoration at the Lion’s Den Gorge Nature Preserve with a total project cost of \$266,000.00. Specifically, the competitive grant awards included: \$7,500.00 from the Wisconsin Coastal Management Program (WCMP) for an approximately 3-acre wetland restoration; \$100,000.00 from the WCMP for public access development to include several wetland boardwalks, an access road and parking lot, a staircase down through the gorge for access to Lake Michigan, a passive-use trail system, and park signage; \$133,000.00 from the WDNR Stewardship Program for public access development; and a \$2,500.00 commitment from the US Fish and Wildlife Service for wetland restoration activities. The PRLM Department negotiated a \$2,000.00 donation from Whitetails Unlimited for park boundary and hunting signage. The PRLM Department also worked with the Parks Department in establishing revised rules for deer hunting at the Lion’s Den Gorge Nature Preserve during a portion of the 2005 hunting season.

In 2005, the PRLM Department was very busy with a revised park design and successfully obtaining all the necessary permits from the US Army Corps of Engineers, WDNR, Town of Grafton, and Ozaukee County to implement each of these grant projects. The PRLM Department successfully took the lead in coordinating a multi-department implementation of these grant projects, which includes the Highway Department and Parks Department. Most of the park implementation plan was completed in 2005, including: 1) construction of the access road and

parking areas (including grubbing, grading, graveling, and paving), 2) construction of over 1,000 feet of boardwalk, 3) over 0.5 miles of gravel trail and a handicap-accessible Lake Michigan bluff overlook with fencing, 4) the wetland restoration project, including the removal of approximately 0.5 acres of old road bed and a 0.5 acre wetland scrape, 5) construction and placement of the entrance and partner signage for the Lion's Den Gorge Nature Preserve, 6) property and wetland surveying, 7) placement of boundary and hunting signage along the entire property every 200 feet, 8) permitting and construction of a staircase and bridge through the Lion's Den Gorge to the Lake Michigan shoreline, 9) finish grading and water control structure improvements on the USFWS property to complete the wetland restoration, 10) completion of a USFWS wetland boardwalk and deck overlook on the USFWS property, 11) construction of the permeable grassed parking area, 12) completion of the passive-use recreational trail network, 13) placement of an entrance gate and park hours signage, 14) placement of rules signage, including bluff erosion signage, and 15) ongoing maintenance of trash receptacles, walking paths, and signage.

In 2006, the following activities will be completed: 1) finish the passive-use recreational trail network with woodchips, 2) construct a trail signage package and trailside benches, and 3) construct an informational kiosk and post trail maps.

### **OZAUKEE INTERURBAN TRAIL**

In 2005, the PRLM Department, in conjunction with the Parks Department, Highway Department, and Ozaukee Interurban Trail Advisory Council, continued work on the grant from the Wisconsin Department of Transportation Congestion Mitigation and Air Quality Program for \$991,600.00. This comprises 80% of the total project cost of \$1,239,500.00 for the Trail Improvement Project—a significant safety, transportation, recreation, and aesthetic improvement along a section of the Ozaukee Interurban Trail. The PRLM Department, in conjunction with the Parks Department, Highway Department, and Ozaukee Interurban Trail Advisory Council, also coordinated and received \$50,000.00 Phase I and \$75,000 Phase II WDNR Stewardship Grants, a \$5,000 Port Washington Tourism Council Grant, a \$10,000.00 nationally competitive Bikes Belong Coalition Grant, and assisted the additional private fundraising effort of the Ozaukee Interurban Trail Advisory Council. The PRLM Department continued to coordinate the Ozaukee Interurban Trail Advisory Council and four associated committees, namely, the Sustainability Committee, Rules and Ordinance Committee, Trail Promotions Committee, and Trailside Facilities Committee. The PRLM Department has also worked to establish a formal partnership between the Ozaukee Interurban Trail Advisory Council and the Ozaukee County Historical Society, Inc. (a 501(c)(3) nonprofit organization). In early 2005, the County Board approved acceptance of the above-mentioned grants and approved the Ozaukee Interurban Trail - Trail Improvement Project in the Town of Grafton. As part of implementing the design and engineering for the Trail Improvement Project, the PRLM Department coordinated two public informational meetings in coordination with the consultant, Bloom Consultants.

The PRLM Department assisted the City of Port Washington in applying for a highly competitive statewide Wisconsin Department of Transportation (WisDOT) Multi-modal Transportation Enhancement Grant for the Ozaukee Interurban Trail. The City of Port Washington, in conjunction with Ozaukee County, was approved for a \$150,000.00 Ozaukee Interurban Trail Improvement Project for the City of Port Washington, which will include a railroad underpass in downtown Port Washington and a significant off-road trail extension on both the south and north sides of the city. The WisDOT grant will pay for 80% (\$120,000.00) of the total project costs, with the City of Port Washington providing the local 20% matching funds.

The PRLM Department, in conjunction with the Trail Advisory Council, has completed numerous other projects including: 1) developing and financing an Ozaukee Interurban Trail map and brochures; 2) funding and constructing two trailside kiosks and mile markers at every half mile along the trail (Eagle Scout projects); 3) enhancement and maintenance of the Ozaukee Interurban Trail website; 4) group-use permitting for events along the trail; 5) coordination with Milwaukee and Sheboygan counties along the Interurban Trail; and 5) several other signage and safety improvements, including educational outreach. Please also visit the Ozaukee Interurban Trail website at: (<http://www.interurbantrail.us>).

### **GEOGRAPHIC INFORMATION SYSTEM (GIS) DEVELOPMENT**

In 2005, the PRLM Department, in conjunction with the Land Information Office (LIO), made significant progress on two major GIS development projects: 1) the digitization and modernization of all the PRLM Department shoreland, floodplain and wetland zoning maps used in making shoreland and floodplain zoning determinations, and 2) the floodplain map modernization project to study and update FEMA FIRM floodplain boundaries countywide. This modernization of the shoreland, floodplain, and wetland maps is being completed through a contract with the Southeastern Wisconsin Regional Planning Commission (SEWRPC). The floodplain map modernization project is a collaboration between the PRLM Department, LIO, SEWRPC, WDNR, and the Federal Emergency Management Agency (FEMA). These projects are both proposed to be completed in 2006. The preliminary floodplain maps for Ozaukee County have recently been completed and are on the LIO website at: (<http://www.co.ozaukee.wi.us/landinfo/Floodplain/Index.htm>).

In 2005, the PRLM Department also finished conducting the first and second phases of the Potentially Restorable Wetlands (PRW) Project, in conjunction with the Wisconsin Department of Natural Resources. This included all the first and second phase GIS mapping of approximately 130 PRWs between both the Ulao and Mole Creek subwatersheds, as well as all the initial fieldwork inventory of these 130 PRWs, including detailed fieldwork at over 70 PRW sites in the two subwatersheds.

The PRLM Department also made significant progress in developing GIS data layers for CRP, CREP and WRP lands in Ozaukee County over all years. In addition, the PRLM Department made significant progress toward a comprehensive stream file of all streams, including non-navigable streams in the County.

### **LAND AND WATER RESOURCE MANAGEMENT (LWRM) PLAN**

The PRLM Department, in conjunction with a local LWRM Plan Advisory Committee, completed the final draft of the LWRM Plan as required by Wis. Stats. Chapter 92. The final draft was highly integrated with the Comprehensive Planning effort for the county and is available on the PRLM Department website at: (<http://www.co.ozaukee.wi.us/PlanningResourcesLandManagement/Index.htm>).

## **ENVIRONMENTAL EDUCATION**

- The PRLM Department web pages, including the Environmental Education site, are periodically updated to reflect the most current information available. This Environmental Education site includes information regarding the PRLM Media Resource Center (MRC) available in the office for teachers and students. The site also provides several on-line links to other environmental education sites.
- Numerous educational handouts (stormwater runoff, soil erosion, POWTS maintenance, invasive species, water/energy conservation) are made available at the PRLM front counter.
- The PRLM Department continues to assist students, classrooms, and clubs by providing speakers for environmental education programs. Programs include rock/mineral identification, Lake Michigan concerns, zoning and land use planning, soil and water conservation, and environmental awareness. The department provides supplies and speakers for the Storm Drain Stenciling Program to volunteers from several local schools, including Dunwiddie and Saukville Elementary, Webster Transitional, and Homestead High School.
- A booth and displays were prepared for the Ozaukee County Fair and Ulao Creek Partnership Open House. The theme was “The Year of Land and Water Conservation.”

Thank you for your support of our many initiatives and projects.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Andy Holschbach", followed by a long, horizontal, wavy line that extends to the right.

Andy Holschbach, Director  
Department of Planning, Resources and Land Management