

~ 1996 August 9 1996 Commissioners Meeting Salem Town Hall, Non-point Source Pollution Plan is discussed; The majority of the priority sites are agricultural; Shorelines are a minor component of the project; Camp Lake Spillway project was put on hold by Gary Sipsma because of the cost which is about \$70,000. More than half of this is to sink metal pilings to keep water out of the area for excavation and construction and the Army Corp is not fully convinced that the structure needs to be replaced and wants more information, and the overhead utility lines cannot be relocated on Gary's schedule; as a result Kenosha County will fix the road, replace the two culverts and put riprap around the culverts; Blue Clay has been brought up and requires a permit. When the proper time comes, Lee Falk President of the Camp Lake Water Level Association will file a request to abandon the structure; Center Lake Property Owners have reported that geese are polluting the lake and may be making the lake water unsafe; Transporter is too large to move into the Lakewood Terrace Boat Ramp. CCLRDM -178, 179

~ 1996 August 24 1996 EIGHTH ANNUAL CCLRD MEETING Salem Community Library, Camp Lake Spillway Project will not happen this year because of County budget problems. DNR reported that a public notice of the project was posted with no comments

from the public. As a result the DNR will issue a permit and the County will set the benchmarks and will keep the spillway box clean. It will have a two foot draw down capability. Plans have to be approved by the DNR before the permit can be granted. the cost will be \$75,000 and Kenosha County will take ownership. The box will be fixed to the culvert; Weed harvesting Managers will be Ron Van Maldegiam, Dennis Faber and Jack Surchik; the transporter is twice as big as the cutter; The non-point source pollution plan is a \$500,000 6 year program to help landowners improve the watershed; permit to cut purple loosestrife tops to be applied for; By-Laws are changed so that non-resident and resident commissioners hold no distinction; Karen Van Maldegiam wins Commissioner by secret ballot 26-15. CCLRDM-180, 181



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ii cclrd photo 1996CAMPlakeDAM02



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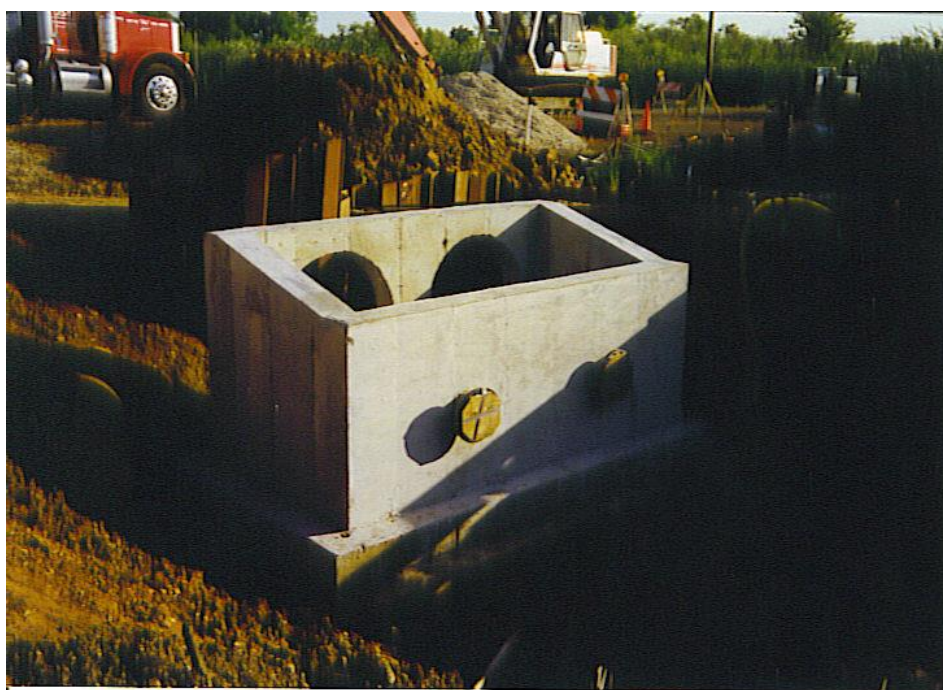
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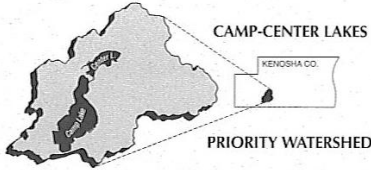

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~ 1996 August 24 1996 Watershed Fair held, 300 people in attendance CCLRD1-261

~ 1996 December 1996 Watershed News Jerry Hebard

Camp-Center Lakes Watershed News

December 1996



CAMP-CENTER LAKES
KENOSHA CO.
PRIORITY WATERSHED

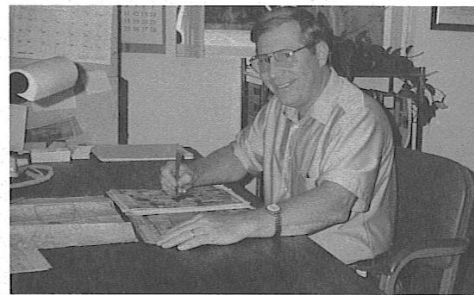
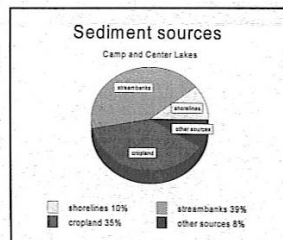
Happy Holidays!

Implementation Rolls Ahead

by Jerry Hebard, Project Manager

During this early-winter time, I have been busy contacting landowners in the Camp and Center Lakes Watershed. Through signups at the Watershed Fair and many agency referrals, I have had the pleasure of meeting with some 20 landowners to discuss various types of water quality concerns. It's noteworthy that about three-quarters of those I met expressed concern about their lakeshore. Many owners showed me shorelines that were eroding back into their property; some due to lost rocks that once provided shoreline protection from pounding waves.

All of the eroding shoreline sites I visit through early 1997 will be rated according to the amount of soil entering the lakes from each property. These shorelines will be added to an existing list of 32 landowners that had their shorelines assessed during the first two years of the project. At that time, the watershed plan estimated eroding shorelines contribute to nearly 10% of the entire sediment load reaching the lakes. After all of the shorelines have been assessed and we know approximately how much they are contributing as a whole to the sediment load in the lakes, we can set a reasonable reduction goal.



Jerry Hebard, the new project manager, busy working at an extremely organized desk.

From Bad to Worse?

Our efforts from now through next year will also be to reach some 27 landowners along streams entering Camp and Center Lakes. We estimate that 39% of the sediment going into the lakes is coming from eroding streambanks. This amounts to over 1,500 tons of soil each year entering the lakes. We will also be working closely with 57 individuals who own croplands with moderate to severe soil erosion to help keep the soil from leaving their lands. Some 35% of the sediment that reaches the lakes is a result of cropland erosion.

Hold the Salt and Pass the Shovel!

Mixing sidewalk salt with sand will keep salt out of the lakes, and still keep your walkways safe for foot traffic this winter.

For more information about the Camp-Center Lakes Watershed Project, please call Jerry Hebard, the project manager, at (414) 878-1243.

Helping You Help the Lakes!

— Over 250 fair-goers learn about watershed protection

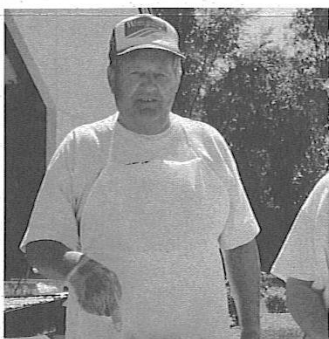
By Andy Yencha, UW-Extension Water Quality Educator

For the second year in a row, the watershed fair enjoyed good weather and a fine turnout. This year's theme was, "Helping you help the lakes." Project manager Jerry Hebard said this theme reflects the new phase the project is in. "Planning is over," according to Jerry. "Our focus now shifts to working with landowners to install conservation practices."

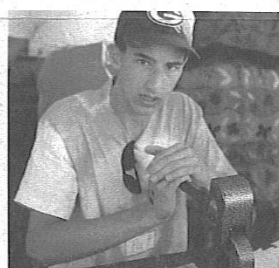
People with eroding cropland, streambanks, channels, or shorelines are encouraged to contact Jerry about the erosion at 414/878-1243. If it sounds like your eroding site is severe, Jerry will arrange a visit to determine if you're eligible for state funding to install a conservation practice. Eligible landowners could get up to 70% of the cost of their conservation practice paid for by the watershed project. Landowners who don't qualify for cost-sharing because their erosion is not severe enough can still get free technical advice from Jerry about controlling their erosion.



The Salem Community Library was a perfect setting to learn about watersheds and water quality. Special thanks to the library staff for allowing us to use their fine facility.



Committee member Fred Hegel (left) gets ready to pass out another hot-dog, while fellow member (and Master Chef) Mike Marchuk (top) shows two ladies the dessert table.



Our hand operated button-making machine cranked out lots of buttons with creative clean-water messages.

COMMUNITY SUPPORT MAKES THE FAIR A SUCCESS

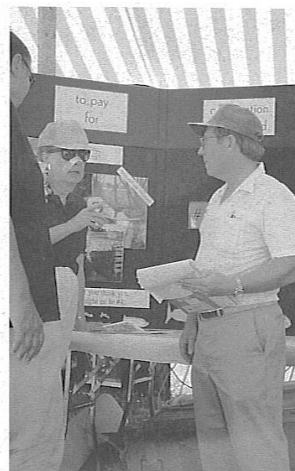
Once again, the fair was fortunate to receive support from local businesses and organizations. We appreciate their commitment to the fair, and their concern for cleaner water

in the Camp and Center Lakes Watershed. (Special thank to Edwin Pollack for coordinating fair contributions).

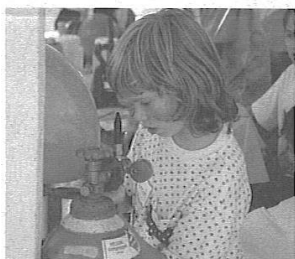
Advantage Bank
Amoco Service Station, Salem
Breezy Hill Florists
Chuck's Country Cupboard



Using a spray bottle and a miniature watershed model, young people see how rain water can wash pollutants off the land into streams and lakes.



Jerry Hebard, project manager, listens as these gentlemen ask some questions.



Blowing up balloons was also part of the fun!



These young people created colorful T-shirts with some paint, a few stencils, and lots of imagination.



Community Support—Continued

Mr. Ed Simpson
McDonald's Restaurant, Salem
Meier Decorating
Ranch Sweet Shop
Salem Community Library

Salem Fire Department
Salem Auto Service
Tobin Drug
Trevor Mobil Station
Wychwolde Jewelry and Art

Looking Back...

For over two years, our Citizen Advisory Committee has been sharing information about local pollution sources, informing residents about the watershed project, planning educational events, and reviewing the watershed plan. As we begin to install conservation practices, it's time to recognize the local people who made time to protect water quality:

Shirley Boening
David Giza
Tom Gorlinski
Fred and Helen Hegel
William Houtz
Tom Kerkman
Mike Marchuk
Ed and Eleanor Pollack



Last summer's watershed fair attracted young and old alike, all who were motivated to learn about water quality. Look inside for more details...

Cloyd Porter
Lois Rebicek
George Sawicki
Edward Simpson
Jack Surchik
Barry Thomas
Tom and Peggy Valentinas
Patti Zurla

We're looking for new members

The next committee meeting is scheduled for Tuesday, January 14, 7 pm, at the Salem Community Library. New faces and ideas are welcome. We need people who want to learn about protecting water quality and will share this knowledge with friends and neighbors. Other responsibilities may include planning the watershed fair, writing newsletter articles, and organizing clean-water demonstration projects. Call Jerry Hebard at 414/878-1243 to learn more.

For more information about the Camp-Center Lakes Priority Watershed Project, please contact:

Jerry Hebard
826 Main Street
Union Grove WI 53182
(414) 878-1243

Camp-Center Lakes Watershed Newsletter

This newsletter is published for the Camp-Center Priority Watershed Project to inform you about water quality and project sponsored activities. Please send comments about this newsletter to Andy Yench, at 1304 S. 70th Street West Allis WI 53214. (414) 475-2877

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**~ 1997 January 20 1997 Critical Sites Verifications
and rankings submitted. CCLRD2-202-208**

~ 1997 Summer CCLRD NEWS

CCLRD News

Summer 1997



Camp Lake Spillway Project

Kenosha County began construction on the Spillway July 7, 1997, and expects to complete the project by August 15, 1997.

The new Spillway will keep the water level in Camp Lake at the DNR approved height of 740.6 feet above sea level.

The new concrete drop box will also have draw down capacity of up to two feet. As part of this project, Kenosha County is also reconstructing Highway C along the southern edge of Camp Lake. The cost of the entire project is approximately \$92,000, of which CCLRD will pay approximately \$15,000.

This project is an excellent example of intergovernmental cooperation between Kenosha County and CCLRD.



Weed Harvesting Update

The CCLRD Weed Harvesting program began its second season on June 9, 1997. After completing all maintenance checks and a spring cleaning, the units were put into action and will move between the lakes as needed. The plan is to clear each lake of as many weeds as permitted by the DNR. Approx-

mately 120 tons of weeds are taken out of our lakes each week. The bacteria that consumes decaying weeds, turns them to muck, has a foul odor, and consumes oxygen. Insufficient oxygen levels, in turn, kills fish. Therefore, the more weeds harvested in these unrestricted areas the better the water quality and oxygen levels in each lake.

There are more than enough weeds to keep us busy all season. We hope residents and visitors alike appreciate our efforts.

Volunteers Wanted

We know you are busy. We understand that the demands of work, family and home fill up the majority of your time. CCLRD offers a wide variety of volunteer opportunities which range from a few hours per year to one-time projects to being an active member of an ongoing committee to chairing a committee.

VOLUNTEERS DO MAKE A DIFFERENCE!!!

If you are interested in making a difference in your lake district community, call 862-2261.

F.Y.I...

Due to state budgetary shortfalls, the grant monies awarded to the Camp and Center Lake Priority Watershed Project have been cut. The most immediate effect is the scaling back of this years' watershed fair. The watershed fair will again coincide with the CCLRD annual meeting. However, this years' fair will consist only of a limited number of informational displays. The long term effects of the state funding problem are not known at this time. The Camp and Center Lake Priority Watershed is continuing its' efforts to secure additional funds from the state of Wisconsin.

Page 2

Did You Know?...

Nine Priority Watershed signs have been posted at strategic locations throughout the watershed in order to build public awareness of the Camp and Center Lake Priority Watershed.

**Newsletter Written By:**

Karen Van Maldegiam
David Giza
Dorothy Van Maldegiam
Ron Van Maldegiam
Michael Marchuk
Dennis Faber
Jerry Hebard

**Commissioners:**

David Giza, Chairman
Karen Van Maldegiam
Michael Marchuk
Shirley Boening
Walter Klock

Priority Watershed Project Update

The Priority Lake project, now administered by the Camp and Center Lake Rehabilitation District (CCLRD), has a goal to reduce the amount of sediment entering the Lakes by 45%. To accomplish this goal, CCLRD contracted with the Natural Resources Conservation Service last year to implement the project plan.

Two initial demonstration projects were identified. The first project was the wetland scrape restoration project at 268th Avenue and 113th Street. It involved construction of five wetland restoration/sediment detention ponds. Based on past studies, it was estimated that approximately 79 tons of sediment flows into Camp Lake each year. These ponds will help significantly in reducing this soil erosion into Camp Lake. This project is done and the remaining landscaping will be completed this Fall. The second project will involve several lakeshore areas where bank stabilization practices will be constructed to control sediment from washing directly into both lakes.

Funding for all projects comes from the Department of Natural Resources' Clean Waters and River Program. If you would like more information about the projects or the DNR approved Plan, please call Mr. Jerry Hebard at (414)878-1243.

**CCLRD Holds Quarterly Meetings**

Not only is an Annual Meeting held once a year for the Lake District, your Board of Commissioners also holds regular quarterly meetings. They're interesting and informative and last about 1 ½ hours. The Board meets at the Salem Town Hall.

The meeting notice is published in the Westosha Report and the Kenosha News.

Everyone in the Lake District is welcome to attend. Each meeting encourages audience participation. Come out and see what is happening in your Lake District.

**CCLRD Participates in Wisconsin Lakes Convention**

Commissioners David Giza, Karen Van Maldegiam, and Michael Marchuk, together with lake district resident James Marchuk, joined leaders from business, government, and lakeshore communities across the State of Wisconsin at the 19th annual Wisconsin Lakes Convention which is recognized as the largest of its kind in the nation. This combination of concerned citizens, academics, DNR personnel, and governmental leaders is one of the nation's best examples of a working partnership designed to protect our state's significant water resources.

CCLRD was one of three lake district organizations nominated at the convention for a Lake Stewardship Award. Although CCLRD did not win the award this year, we did receive a Certificate of Appreciation from the Governor acknowledging our significant contributions in restoring and rehabilitating our lakes and watershed. Legislators from across the state discussed Wisconsin water policies, answered questions, and reflected on the future of the state's great water resources. CCLRD representatives participated in a series of workshops on topics ranging from Aquatic plants to Water Law.

Fish and Wildlife Committee Formed**MEMBERS WANTED!!!**

CCLRD is pleased to announce the formation of the Fish and Wildlife Committee. Its purpose is to improve the fish habitat in our lakes, and preserve wildlife in our district. Fundraising activities planned are a Winter Ice Fishing Jamboree and a Spring Carp-O-Rama. If you are interested in participating in the Fish and Wildlife Committee, please contact Dennis Faber at 889-4234.



~ 1997 June 1997 Lakeland Newspapers - Community
Giza heads lake leaders activities by attending the
Wisconsin Lake Leaders Institute. CCLMD-22

Giza heads lake leaders activities

The Wisconsin Lake Leaders Institute Planning Committee announced that David A. Giza, chairman of the Camp and Center Lakes Rehabilitation District in Kenosha County, Wis. and trustee in the Village of Libertyville, is among the first set of participants in the institute. The Wisconsin Association of Lakes, Wisconsin Department of Natural Resources, and University of Wisconsin-Extension organized the Institute in 1997. The mission of the institute is to enhance the capacity of local lake leaders to effectively function at county, regional and state levels. The institute consists of three multi-day seminars.

State legislators, the sponsoring agencies, and local communities nominated about 140 potential candidates. From the pool of candidates, selections were made for both CREW I (1998) and

CREW II (1999). Mr. Giza is one of the 30 members chosen to be part of CREW I.

The seminars are designed to stretch the minds of lake leaders with new ideas to develop networks to share experiences and learn from each other. The first of three seminars in the institute series were held at the Central Wisconsin Environmental Station on Sunset Lake, Amherst Junction, Wis.

The focus of the first seminar in "Society and Environment: Philosophy and Ethics of Lake Management." The keynote presenter will be Phil Pister, executive secretary of the Desert Fisheries Council, who spent much of his life rescuing unique species of fish as irrigation and urban development dried up ancient desert springs.

The second seminar will be held at Kemp Natural Resources

Station on Lake Tomahawk (Woodruff, Wis.) where the focus will be "Aquatic Ecology and Watershed Management: Impact of Development on Lakes."

The final seminar in November at Durward's Glen Retreat Center (Baraboo, Wis.) will examine the "Organization, People and Politics" involved in managing lakes.

Graduates of the program are expected to take on active citizen roles in their local lake district, in county lake associations, on watershed management teams and on statewide policy committees.

Recruitment has begun for the CREW III (2000). Application forms are available from Professor Lowell Klessig, College of Natural Resources, University of Wisconsin, Stevens Point, Wis. 54481, phone (715) 346-4266, email—iklessig@uwsp.edu.

ii 1997apx June Lakeland Newspapers Community Giza heads lake leaders activities

~ 1997 June 9 1997 The CCLRD weed harvesting program begins its second season. Approximately 120 tons of weeds are removed each week. CCLMD-20

~ 1997 June 1997 Watershed News

Camp-Center Lakes Watershed News

June 1997



Long Range Planning: Summer and Fall Construction Projects

By Jerry Hebard, Project Manager

Streambank erosion is a significant problem in the Camp-Center Lakes Watershed. According to inventory data, there are almost five miles of intermittent streams in the watershed. Although not a large resource, streambanks still contribute to 39% of the total sediment load to Camp and Center Lakes. Throughout the summer and into fall, we will be working to correct streambank erosion in the watershed.

In fact, watch for construction to soon begin on lake and stream projects. Both lakeshore and streambank stabilization practices are planned to reduce sediment loads in the lakes. The most simple practice will be to shape critically eroding banks with earth-moving equipment and then seed/mulch with a protective cover of grasses.

More complex erosion control methods you will see include bank protection using fiber mats impregnated with vegetation for instant erosion protection. Both fiber mats and fiber logs (see page 2 for more information) are anchored into the shore to stabilize the banks from erosion.

Less frequently used will be what engineers call hard structures, such as rock rip-rap. Part of the reason for this is that the Department of Natural Resources is discouraging the use of bulkhead structures such as concrete or steel piling walls for erosion protection throughout the state.



Area near boat launch on Center Lake where fiber mats are proposed.

For more information about the Camp-Center Lakes Priority Watershed Project, please call Jerry Hebard, project manager, at (414) 878-1243

Engineering the natural way... What is a Fiber Log?

These days, people who install shoreline protection measures are attempting to make them more natural. There are many good reasons to do this:

- 1) Natural fibers blend in with surrounding vegetation, creating a more natural looking shoreline for wildlife habitat and scenic beauty.
- 2) They are more likely to grow into a streambank and ultimately become part of the streambank itself.
- 3) The fiber logs serve as a growing medium for both manually planted vegetation, and naturally pollinated varieties.

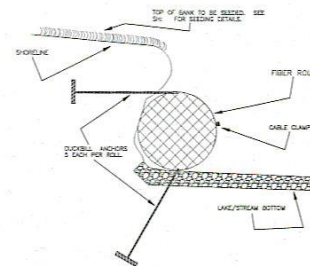


Installation of fiber logs by Natural Resources Conservation Service (NRCS) employees.

The fiber logs themselves are usually composed of coconut fibers that are densely packed into 20-foot sections of 12-inch diameter woven netting. The logs can then be laced together end-to-end along an eroding shoreline. Willow or dogwood shoots or bulrushes are then sprigged into the fiber log.

Fiber logs are usually placed at the toe of the shoreline and anchored in place with duckbill anchors. These

anchors are wrapped around the log and attached with cable clamps. Logs are firmly backfilled and the top of the shoreline is folded over the top of the log. Ends of logs are laced together with nylon cord. Vegetation is then sprigged into the fiber log.



Behind this sign at the Camp Lake Public Boat Launch the DNR will install approximately 100 feet of fiber log to protect the shoreline from erosion.



Shoreline erosion looking west away from the boat launch.



Sign at newly constructed wetland restoration and sediment retention ponds.

Watershed Dollars at Work

The watershed inventory conducted at the start of the project revealed a significant amount of sediment is being washed into our lakes, causing water quality problems. In response to this, our efforts have focused on practices to reduce sediment load to our waters. One way that seems to have worked particularly well is the use of sediment detention ponds, which hold back stormwater runoff, and wetlands, which help filter polluted stormwater runoff.

The first detention pond/wetland project was completed in the fall of 1996 on land owned by the town of Salem. In all, there are five wetland restoration/sediment detention ponds in this project.



At least half a dozen broods of geese (above) hatched early this spring on the ponds. The five ponds spill into one another when the water level in each pond gets over four feet deep. The spillway shown (right, above) is 20-feet-wide and located between the center pond and southeast pond.

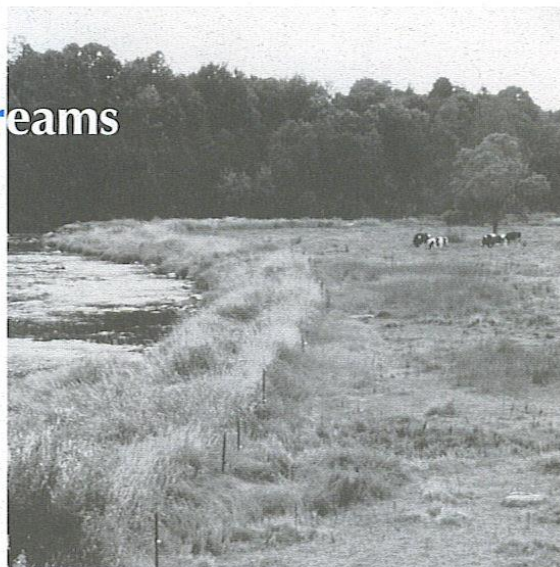
Prior to restoration, the marsh was choked-out with cattails which provided poor habitat for migratory waterfowl. The new wetlands should provide excellent habitat (right) for ducks, geese, shorebirds and amphibians.

Buffer Strips

Along Streams

Conservation buffer strips are strips of land bordering streams that are maintained in permanent vegetation designed to filter out pollutants. Buffer strips can enhance wildlife habitat, improve water quality and the natural beauty of the landscape near the stream.

Many opportunities exist to establish vegetated stream buffers on your property if you have a stream (can be a seasonal flow stream) flowing through your property. You may also be eligible to receive payments to seed down and maintain a buffer strip. Contact us at the address below for more details.



When land bordering a stream is in pasture, fencing can allow a natural buffer to grow between the pasture and waterway.

For more information about the Camp-Center Lakes Priority Watershed Project, please contact:

**Jerry Hebard
826 Main Street
Union Grove, WI 53182
(414) 878-1243.**

Camp-Center Lakes Watershed Newsletter

This newsletter is published for the Camp-Center Priority Watershed Project to inform you about water quality and project-sponsored activities. Please send comments about this newsletter to Jon Hanken, UWEX, at 19600-75th Street, PO Box 550, Bristol, WI 53104-0550 Ph (414) 857-1945.

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