February 3, 1978

Mr. Dennis Robichaud, President Cedar Lake Inland Lake Protection and Rehabilitation District P.O. Box 43 Kiel, Wisconsin 53042

Dear Mr. Robichaud:

Enclosed are photocopies of all of the information which was submitted with your application for financial assistance on April 9, 1976. As indicated in my letter of August 31 of that year, that submission did not represent an adequate basis for determining whether the Cedar Lake District had a project which might be eligible for State cost-sharing.

The statutes governing distribution of Inland Lake Renewal funds are quite specific. I am enclosing a copy of Chapter 33, and call your attention to Section 33.14, beginning on Page 6. In summary, the law requires that the Lake District develop a proposed plan of action and submit this plan, together with applications for any necessary permits, at the time the financial assistance request is filed with the Department.

I realize that the Cedar Lake situation has been complicated by the fact that another agency, USCS, has been responsible for the data collection program. We do not have any reports on their findings to date.

If you would like Department guidance in the steps necessary to develop a suitable program plan, please let me know. My telephone number is 608/266-3125.

Sincerely, Office of Inland Lake Renewal

Oliver D. Williams Director

ODW:djt

Enc. cc: Ron Fassbender - Lake Michigan District Office 3120

41-1F5-

Real Mys. Water -FEB 1 1978 as mentioned in our letter of Mod. 15, 1977, could you please return the information submitted with our application on april 9, 1976. Stark you. Cedar Lake Red. Dice P.O. Bof 43 fuel Wid. 530+2 Dernis Robiehaud, Chairman 1

November 18, 1977

Mr. Dennis Robichaud, Chairman Cedar Lake Inland Lake Protection and Rehabilitation District P.O. Box 43 Kiel, Wisconsin 53042

Dear Mr. Robichaud:

Copies of the Financial Assistance Application form, #3200-46, that you requested in your letter of November 15, 1977, are enclosed. You may submit the Financial Assistance Application for Implementation at any time following completion of a feasibility study. These applications will be acted upon by May 1, and November 1.

Also enclosed is a copy of Chapter NR60, Wisconsin Administrative Code.

If there are any questions regarding this matter, please contact me at 608/266-3125.

Sincerely, Office of Inland Lake Renewal

Oliver D. Williams Director

EOB:djt Enc. cc: Ron Fassbender - Lake Michigan District - Green Hay 3120

41-4F5-2 file

CEDAR LAKE

INLAND LAKE PROTECTION & REHABILITATION DISTRICT

P.O. BOX 43 - KIEL, WISCONSIN 53042

November 15, 1977

Mr. Donald Winter, Acting Dir. State of Wisconsin/Department of Natural Resources Box 450 Madison, Wisconsin 53701

Dear Mr. Winter:

We would eversomuch appreciate your forwarding a Financial Assistance Application Form and advise the deadline for filing such an application.

We would also appreciate your returning the information forwarded with our application on April 9, 1976.

Thank you for your cooperation in this matter and we look forward to your early reply.

Sincerely,

CEDAR LAKE REHABILITATION DIST.

abechand / Kl Dennis 9

DennisRobichaud, Chairman

DR:kl-

cc. DR, JR, RZ

INLAND LAKE PROTECTION & REHABILITATION DISTRICT

CEDAR LAKE

P.O. BOX 43 - KIEL, WISCONSIN 53042

BECENTO

April 9, 1976

Mr. Donald Winter, Acting Director State of Wisconsin/Department of Natural Resources^{FHSHWWLDLTE WINDEMENT} Box 450 Madison, Wisconsin 53701

Dear Mr. Winter:

I am enclosing the Financial Assistance Application as we discussed. After reviewing this with the proper people, we can see no reason why we should be turned down this year. We look forward to receiving money after May I, in order to begin work on an inlet/outlet and maybe a bulkhead this summer.

We feel this is the year because if we work with the DNR and USGS we probably won't be turning the well on in 1976. (I say if because alot depends on your department of the DNR).

I have discussed your letter with our two senators and assemblymen and we are all in agreement that we should be receiving aid this summer to begin our projects.

We look forward to an early reply.

Yours truly,

Cedar Lake Protection & Rehabilitation Dist.

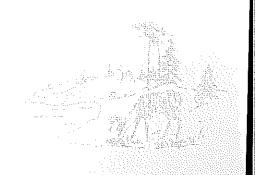
Dennis Robichaud / Kl

Dennis Robichaud, President

DR:kl

enc.

cc. DR, JR, RZ, RM, TC



STATE OF WISCONSIN DEPARTMENT OF WISCONSIN BOX 450 MADISON, WISCONSIN 53701	FINANCIAL A STANCE APPLICATION Form 8700-98										
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	L' S DISTRICT		
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£	Approximate number of adults District who are:	(over age 18)	in the Lake
	Permanent Residents	75	
	Non-resident Property Ou	vners <u>225</u>	na an th
	How many of the Lake District	: Commissioners	reside:
	Within the District?	2	
	Outside the District?	A second second	
	Do your Lake District by-laws property owners full voting p meeting?		
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MAR 2 1979

Lake Michigan District Headquarters Box 3600 Green Bay, WI 54303

February 28, 1979

Mr. Jerry Kirshner 1701 Michigan Avenue Manitowoc, WI 54220

> HE: Inland lake funding for Cedar Lake, Manitowoc Co.

Dear Mr. Kirshner:

Adequate public access must be provided before the Cedar Lake District can be considered for financial or technical assistance from the Bureau of Inland Lake Renewal. The Department of Natural Resources must consider a plan to serve the public needs before assisting any lake district in implementing a lake rehabilitation plan.

Lake Michigan District personnel of the Department of Natural Resources will assist the Cedar Lake District in resolving the access issue. You may contact Tim Rasman at the Green Bay office (414) 497-4048 if you desire assistance on the access issue.

Jean Binsfeld of the Department of Natural Resources' Water Management Division is available to explain the various permits needed to implement the Lake District's rehabilitation plan. Her office is in Green Bay, (414) 497-4369.

Sincerely,

CEN

Charles E. Higgs Lake Michigan District Director

cc: Oliver D. Williams - Director, Bureau of Inland Lakes Dennis Robishaud - Rt. #1, Kiel, WI 53042 Lee Kernen - Lake Michigan District, Green Bay Dave Hanson - Lake Michigan District, Two Rivers Jean Binsfeld - Lake Michigan District, Green Bay 3120

41-LDG-R

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+1-LDG-R JAN 2 4 1979

SANITARY DISTRICT I :: TOWN OF SCHLESWIG MANITOWOC COUNTY, WISCONSIN

P.O. BOX 43 · KIEL, WISCONSIN 53042

January 22, 1979

Mr. Oliver Williams, Dir. State of Wisconsin Department of Natural Resources Box 7921 Madison, Wisconsin 53707

Dear Mr. Williams:

We will be having a joint meeting with our Association Board of Directors on Feb. 1. Could you let me know if you have made any headway on our alternatives for mud sucking.

Please let me hear from you. Thank you'.

Sincerely,

SANITARY DISTRICT #I Town of Schleswig

Dernie fahrehand

Dennis Robichaud, Chairman

DR:kl

cc. JR, DR, RZ

October 20, 1977

Mr. Roger Laack, Committee Chairman Cedar Lake Inland Lake Protection and Rehabilitation District P.O. Box 43 Kiel, Wisconsin 53042

Dear Mr. Laack:

I assume from your request for information on sludge removal that you are exploring the potential for some type of dredging operation at Cedar Lake.

The enclosed booklet describes various dredging techniques. For other than shoreline work, our experience indicates that hydraulic dredging is the most pratical process now available.

Only two dredging projects have been undertaken under our program to date. The costs vary according to the material to be removed and the distance to the disposal site. Bids on those two projects were 86 cents per cubic yard for the larger project, and \$1.05 per cubic yard on the smaller project.

If we can be of further assistance, please let me know.

Sincerely, Office of Inland Lake Renewal

Oliver D. Williams Director

ODW:jdt

Enc.

3120

41-126-12 fl

CEDAR LAKE

INLAND LAKE PROTECTION & REHABILITATION DISTRICT

P.O. BOX 43 - KIEL, WISCONSIN 53042

October 11, 1977

Dear Sir:

Could you please forward whatever information you can with reference to sludge removal.

I am Chairman of this particular project on our lake and I would be interested in

receiving very detailed information.

Thank you for your cooperation in this matter and I look forward to your early reply.

Sincerely,

CEDAR LAKE INLAND LAKE PROTECTION & REHABILITATION DISTRICT

Jaack / kl

Roger Laack, Committee Chairman

RL:kl





State of Wisconsin DEPARTMENT OF NATURAL RESOURCES

Anthony S. Earl Secretary

Box 3600 Green Bay, Wisconsin 54303 September 22, 1976

IN REPLY REFER TO: 3530-1

41-206-R

SEP 2 3 1976

Dear Cedar Lake Property Owner:

During the week of October 11 through October 15, DNR crews will be setting preliminary bulkhead line points around Cedar Lake. All points set will be marked with stakes and ribbons. All points will be referenced to stationary objects along the shoreline.

Anyone wishing to question the location of points near their property, should contact Mr. Ronald L. Fassbender, Box 3600, Green Bay, Wisconsin 54303 (414-494-9601) prior to October 22. During the week of October 25 through October 29, my staff will be available to meet with property owners who wish to discuss the project as it affects their property.

Very truly yours,

Conald S. Jassbendes

Ronald L. Fassbender Water Management Coordinator

RLF:ip

Sec: Oliver Williams

Alfred Anhalt #19 719 1st St Kiel, Wis. 53042 Eugene V. Allinger #67 3533 N. 60th St. 3533 N. OUth St. Milwaukee, Wis. 53216 James Balz #6 Rt I Kiel. Wis 53042 Don A. Baus #27 1821 Jean St. Green Bay, Wis. 54302 Orville Backman #10 2024 No. 25th St Sheboygan, Wis 53081 Duane Benninghaus #75 Norman J. Ehr #95 2308 Henry St. 2308 Henry St. Sheboyfan, Wis 53081 David Boll #16 2509 Wis Ave New Holstein, Wis. 53081 Allen Bruggink #94 Rt I Qostburg, Wisc 53209 H. J. Chermak #108 1124 Waldo Blvd Manitowoc, Wis. 54220 Alan Chertak #108 2300 So. 35th St. Manitowoc, Wis. 54220 Bob Christel #100 305 E. Main St. St Na, tanz. Wis. 54832 Charles Christopolis 洲 1520 N. 36th St. Sneboyman, Wis. 53081

Mrs. Frank Cookle #25 Norman Gierke #20 319 Fremont St Kiel, Wis. 53042 814 2nd St. - Ktel, Wis. 53042 Kenneht Drake #58 W. Goetsch #86 Rt I 2504 N. 19th St. Elkhart Lake, Wis 53020 Sheboygan, Wis 53081 37 Jack Grasse :: #29 Edwin A. Drake (43) Rt I 1223 Brosdway Ave Kiel, W1s. 53042 Sheboygan, Wis 53081 Melvin Greuel #35 W144 N5539 Elmar Dittmar Jr. #81 Menomomie Falis, Nis 4408 N. 29th St 530.52 Milwaukee, Wis, 53209 George Grube #8 Rt 2 Robert Duffek #116 Kiel, Wis. 53042 Rt 2 Box 75A Kiel, Wis. 53042 Fred Gruber #54 729 So 27th St. Sheboyzan, Wis 53081 334 N. 74th St. Milwaukee, Wis 53213 Jeff Gruber 1619 No. 3rd St. Richard Ellingson #61 Sheboygan, Wis 53031 2915 N. 83td St. Milwaukee, Wis. 53222 Carl J. Halleen #104 Fred Engel #60 1915 Geele Ave Sheboygan, Wis. 53081 Rt I Box 43A Kiel, Wis. 53042 Dr. W. J. Harder #103 27 Grove St. Arthur Paber 纠2 Plymouth Wis 53073 925 7th St. Kiel, Wis. 53042 Fred Heckel #92 515 Cleveland Ave Benji Forsterling #87 1720A N. 11th St. Manitowoc, Mis 54220 Sheboygan, Wis. 53081 Heidemann Estates #1 Karl Wernecke. Roger Forsterling #37 Personal Rep. 1004 Huron Ave Rt I ,Newton Wis.53763 Sheboygan, Wis 53081 Robert S. Hennings #29 108 Chicago St Don Gerrits #110 3804 DeNeVu Fond du Lac, Wis. 54935 Kiel, Wis. 53042

Gordon Haimer #56 1511 Castle Ave Sheboygan, Wis 53081

Merlyn Hoefner #93 1509 Ahrens St. Manitowoc, Wis 53081

Ellen Ingolia #3 7705 W. 145h St Forest Park, Ill 60130

Martin J. Jacquette III 1423 Mertens Ave. #40 Sheboygan, Wis 53081

Anton Jank #2 814 N. 28th St. Sheboygan, Wis 53081

Mrs Bernice W. Jens #16 1913 Mandolph St. New Holstein, Wis. 53061

Tom Jens #14 506 Schwartz Plymouth Wis 53073

Richard Jens #16 Rt I Klel, Wis 53042

Louis E. Johannes #71 Rt I Seymour, Wis 54165

Mrs. Eva Johnson #28 1804 Elmdale Ct. B Shorewood, Wis 53211

Arro Marstaedt #83 Rt I Kiel, Wis 53042

Franklin A. Kell #34 3318 N. 10th St. Sheboygan, Wis 53081

Ernest Keppler #88 909 New York, Ave Sheboygan, Wis 53081

2903 Milgus Road 2634 N. 27th St Sheboygan, Wis 53081 Sheboygan, Wis 53081

Dr. Fred A. Knauf #12 Louis Lupinski #112 1420 No. 3rd St. Sheboygan, Wis 53081

Phil Knauf #12 3315 No. 10th St. Sheboygan, Nis. 53081

Rueben Kodet #118 2117 Lafollette Ave Manitowoc, Wis. 54220

Fred Kceppen #11 St Nazianz, Wis-54232

Richard Krema #76 920 Washington St. Manitowoc, Wis 54220

Carl F. Krieg #89 Rt I Kiel, Wis. 53042

Irene Krostag 前 72 205 S. Oakland Green Bay, Wis 54303

Frank Kunner #15 2724 So. Hy 141 Sheboygan, Wis 53081 Kiel, Wis 53042

Roger Laack #66 114 Bonnie Ct.

Ed Kellan #33 518 N. Grand Blvd 1335 W. Donges Bay Rd Park Ridge, III. 60068 Mequon, Wis 53092

Roland Libke #36 2402 Van Buren New Holstein, W1s 53061

Michael Keppler #89 Herman Luedke Jr. #23

1723 Kentucky Ave Sheboysan, Wis 53081

Fred Mankopf #59 Rt I Box 43 Klel, Wis 53042

> Jack Mattner # 106A Ri I Kiel, Mis 53042 (Boy Scout Camp)

Kermit Maurer 344 307 E. Allovez Ave Green Bay, Wis 54301

Harvey Neinert #85 620 4th St Kiel, Wis. 53042

Charles Meiselwitz #24 Rt 2 Kiel. Wis 53042

Jerome Mertens #120 920 N. 6th St. Kiel, Wis 53042

Henry Mesch #26 318 Paine St

C.J.Miller #109 214 West Court Plymouth, Wis 53073 St Nazlanz, Wis 54232

Paul Miller #121Jack Risf #64Richard Schmitt Jr1733 Elm AveRt I Box 39Rt 2Sneboygan, Wis 53081Kiel, Wis 53042Kiel, Wis 53042 Richard Schultt Jr #5 Victor A. Miller #107Arnold Reindl #1?Fran Scholz #101St wazianz, Wis 54232405 So 4th St.1433 W. National AveSt wazianz, Wis 54232St wazianz, Wis 54232Milwaukee, Wis 53204 Dr Ed. Riess #79 3)6 Geele Ave Sheboygan, Wis 53081 Howard Schrameyer #2 514 So 27th St Sheboygan, Wis 53081 Alvin G. Mueller #53 Dr Ed. Riess #79 Rt I 336 Geele Ave Rt I Kiel, Wis 53042 Joe Nenning #46 705 Chicago St Kiel, Wis 53042 Dennis Robichaud #96 Erhardt Schrank #115 Dennis Robichaud #96 Rt I Box 50A Kiel, Wis 53042 1814 Fairmont St Manitowoc, Nis 54220 Lucille Nauwirth #73 Leonard Robichaud #91 Merrill Schrank #114 1711 Orchard St PO Box 61 Manitowoc, Wis 54220 New Berlin, Wis 53151 Rt I Rt I Kiel, Wis 53042 Ken Olm #123 Box 125 Margaret Robichaud #91 Robert Schults #22 Box 125Rt I15 Chicago StSt Nazianz, Wis 54232Kiel, Wis 53042Kiel, Wis 53042 Robert Papendick #119 Mrs Armin Roeckle #21 Dr William Schultz #97 1302 So. 9th St Manitowoc, Wis 54220 Kiel, Wis 53042 2101 Georgia Ave Racine Wis 53404 Paul Pautz 478 Robert Rothman #51 Arthur Spahn #105 123 Michael St Bt I Balguin, Wis 53004 Riel, Wis 53042 Rt I Kiel, Wis 53042 Edwin Ruh #82 Roger Sterkel #41 Rt I 2735 Grace Ave Emmett Phillips 洲9 4525 No. 146 Shuboygan, Wis 53081 Keil, Wis 53042 Brookfield, Wis 53005 Arthur Posselt #50Harry Lyan #9Edwin Stiefvader #13Rt I6 105 Forest Hills RdSt Nozianz, Wis 54232Kiel, Wis 53042Rockford III. 6111 Robert Reed #65 6633 No 77th St Robert Reed #65Phil Sauer #99Mike Swietlicki #846633 No 77th St4625 No. 79th St.128 Abbey AveMilwaukee, Wis 53209Milwaukee, Wis 53213Nennah, Wis 54956 William Reese #113Joe Schlager #39Marlin Tanck #625501 N. 20th St.1539 No. 11th St.606 Fairway DriveMilwaukee, Wis 53209Sheboygan, Wis 53081Sheboygan, Wis 53081

V.C.Trastek #90 2124 Fairmont St Manitowoc, wis 54220

Clarence Veit #122 4621 W. Dunwood Brown Deer, Wis 53209

Ed Voechting #31 Rt 2 Kiel, Wis 53042

Wallace Voland #128 5111 N. 68th St. Milwaukee, Wis 53218 Dr. H.J. Zirwes #80 126 McKinley St Valders Wis 54225

Otto Winter #111

Sheboygan, Wis 53081

#63

2113 Cooper Ave

Mrs Thomas Halke 2984 S 106th St

West Allis, Wis

Ray Zywicki #47 Rt I Kiel, 7Wis 53042

George Vogel #77b Rt I Kiel, Wis

Allan Wagner #55 2232 Main Ave Sheboygan, W1s 53081

Mrs Mathilda Wagner #74 Cleveland, Wis 53015

Dr. E.F. Webb #98 1332 Sanford Lane Glenview, Ill. 600655

Sylvester Weber #57 1815 Illinois #ve New Holstein, Wis 53061

Fred Wegner #30 909 2nd St Kiel, Wis 53042 July 2, 1976

493)

Mr. Dennis Robichaud, Chairman Cadar Lake Inland Lake Protection & Rehabilitation District P. O. Box 43 Kiel, Wisconsin 53042

Dear Mr. Robichaud:

On April 23, 1973, you wrote a letter to Mr. Robert McLeod, U. S. Geological Survey, relative to the Cedar Lake Project. It was based on the meeting held with representatives of the Schleswig Sanitary District at the USGS office in Madison. You indicated that the sanitary district representatives understood that the study would require that you would not use the well until July, 1977 and at that time run it continuously for a full year. This is not exactly correct.

What was mentioned at that meeting was that it was desirable not to pump the well until July, 1977 but then when the pump operation would begin, it would be operated steadily for three to six months. It was also mentioned that there have been some financial arrangements made so as to help alleviate the pumping cost to the sanitary district.

We mentioned further that several thousands of dollars already have been spent to date by the U. S. Geological Survey and the Department of Natural Resources as a cooperator in conducting the study and that the information would be valuable to the sanitary district as well as to the Department. It was still further mentioned that several thousands of dollars more would be spent to complete the study. The sanitary district would be a large beneficiary of the study.

At the end of the meeting, members of the sanitary district seemed to be agreeable to the suggestions that for a meaningful report and study the well should not be pumped until July, 1977, unless the lake water level would drop to an elevation of 97 feet referenced to the local benchmark elevation established at the lake.

At the Madison meeting, it was suggested to you and the others from the senitary district that the members of the sanitary district not present be informed they were obtaining several thousand dollars worth of service free to them in obtaining basic data necessary to determine the effectiveness of the use of the well to maintain lake levels. To date, there has not been any evidence that the pump did in fact maintain any lake level. As

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you and the others were leaving the meeting, there appeared to be a concensus to so relate the matter to your membership.

It also was suggested that they be reminded that the study would be beneficial to them for any further renovation work under the lake rehabilitation program.

The tone of your letter seems to indicate you and others attending the meeting have done an about-face. You stated that if the Department works with you and you get the funding for two proposed projects you felt that the people would vote to cooperate in not operating the well until the plans cell for it. Naturally, in view of what has been done to date in the study by the U.S. and DNR as a cooperator and based on the intent to cooperate expressed by your group at the end of the meeting at the USGS office, we are puzzled and surprised at the seemingly threatening tone of your letter. Perhaps we misunderstood your letter.

On the one hand, we were committed to spend several thousands of dollars to do a creditable study which will benefit the sanitary district. On the other hand, your letter indicates the sanitary district threatens not to cooperate in the pumping schedule if for some reason they cannot obtain the funding to construct a "bulkhead," if we understood your letter correctly.

In conjunction with this study, may I call your attention to the high capacity well approval. One of the conditions of that approval stated that the well could be continued in use for maintaining lake levels provided that it was demonstrated that it was effective in so doing. We are offering the best possible study to determine the effectiveness of your well pump to perform this service.

In this respect we are very surprised that the people around Cedar Lake would object to doing a proper study because when the application was made for approval to construct the well to pump into the lake, the Donohue and Associates, Inc. report implied that the sanitary district would be happy with the maintenance of the lake level at such elevation that it would never drop more than one foot below the normal lake level. The normal lake level was given as between 96 and 97 feet, referenced to the local established benchmark elevation. Now it appears they want to maintain the lake level at about an elevation of 99 feet. The lake level has exceeded the normal elevation, reportedly, by as much as 2 feet because of the high rate of groundwater recharge about three and four vers ago. As mentioned in our discussion at the USGS office, in view of the favorable expression that 96 feet to 97 feet as an elevation for the lake level would be acceptable, we do not see why there should be objection to allowing the lake to drop to at least 97 feet before starting the pump.

Mr. McLeod explained to your during the meeting in the USGS office that no pumping would be undertaken if it were expected that the pumpage would raise the lake level over the high level which people would not tolerate exceeding. We certainly would not do anything that would endanger any septic tank systems. If the sanitary district faels it necessary to pump the well while it is at such high level, we possibly would not be able to reach an important project goal of determining the effectiveness of the pump in maintaining lake levels. We would have to reassess the project to determine whether or not it should be continued in such event.

If you were interested in data already collected by the USGS in this study, as Mr. McLeod informed you, the actual data on well and lake water levels; a map showing direction of ground water movement with an indication also of the lake recharge and discharge areas thereon and results of chemical analysis of ground water and lake water are available to the sanitary district. In-so-far as the analysis results of bottom samples are concerned, the laboratory results have not as yet been received by Mr. McLeod's office from the USGS Denver Laboratory. When this information is received, they can supply you with such data.

The USGS agency has a policy not to release interpretive data on which it is working for possible incorporation in a final report, until it has been approved by the regional office of USGS and is ready for publication.

If you have further questions or if we can be of further assistance, please contact us. Mr. McLeod and this office need to know whether we will be permitted to complete the study as planned.

Sincerely, Bureau of Water Quality

Thomas A. Calabresa, P.E., Chief Private Water Supply Section

TAC:bb cc: Lake Michigan District Robert McLeod Jonald Winter Box 3600 Green Bay, Wisconsin 54303

June 30, 1976

3500

Ed-File JUL 2 1976

41-106-1

Cedar Lake Inland

Mr. Dennis Robichaud, Chairman Cedar Lake Inland Lake Protection and Rehabilitation District Box 43 Kiel, Wisconsin

Dear Dennis:

I would be happy to meet with your group to discuss a bulkhead line and inlet and outlet on Cedar Lake. July 16 or 19 would be best for me. I could attend an evening meeting on those days or on July 20. August is fairly open yet.

Please let me know when you would like to meet.

Very truly yours,

Ronald L. Fassbender Water Management Coordinator

RLF:ip

cc: Don Winter

C Fieles

3500 Jan John

41-212-1

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RECEIPT

MAY 2 L 1976

an share an

May 18, 1976

Mr. Dennis Robichaud Cedar Lake Protection & Rehabilitation District Hox 43 Kiel, Wisconsin 53042

Dear Mr. Robichaud:

In regard to your recent letter to me suggesting that the DNR could improve its image by keeping the residents of Cedar Lake more fully informed, I believe that the DNR personnel who deal with the Lake have done an admirable job of keeping your organization informed of Department activities relating to your Lake.

I have discussed the Cedar Lake situation with a number of staff people, all of whom have informed me that they have attended meetings with Cedar Lake residents, they have talked to you or other individuals representing the Lake residents, and they have discussed the Lake with the newspapers in the area and have put important information in the paper when necessary. Regarding your specific questions about a meeting in Milwaukee, stocking the Lake, and water sampling, there was no meeting in Milwaukee, the Lake was stocked with northern pike and your organization was told beforehand, and there is no water sampling by DNR this year.

While DNR has had communication problems in the past, in this particular case I believe DNR staff have gone out of their way to keep you and your organization informed of Department activities and plans for the Lake. It is impossible for us to squelch every rumor that comes along. I would ask that you check out any rumors directly with the individuals who are supposedly involved when you are concerned about not getting complete information about DNR activities. I suspect that 99% of the time you will find that the rumors are unfounded.

Sincerely,

Anthony S. Earl Secretary

KV:1v

Name Dee me APR 2 6 1976 CEDAR LAKE

INLAND LAKE PROTECTION & REHABILITATION DISTRICT

P.O. BOX 43 - KIEL, WISCONSIN 53042

April 23, 1976

call district office for info

Mr. Anthony Earl, Secy. State of Wisconsin/Department of Natural Resources Box 450 Madison, Wisconsin 53701

Dear Mr. Earl:

As past President of Cedar Lake Improvement Assn. and present President of Cedar Lake Sanitary District and Cedar Lake Rehabilitation District, (Cedar Lake is in Manitowoc County), I would like to make a suggestion on how I feel the image of the DNR could improve.

I heard there was a meeting with the DNR a few weeks ago in Milwaukee, at which time no meeting Cedar Lake was discussed. If this is true, I feel we should have known before the meeting in order to send a representative and now we should have a report on what transpired.

Also, this past winter there were some fish planted in Cedar Lake according to the paper. numbers also We have tried to get a hold of Larry Bellanger, Fish Manager, out of Plymouth, but have the been unable to reach him. We would like to know the type and sizes of fish planted.

lake. Again, I say "heard". If this is true, I feel we should know about it.

What I have been getting at, is – I know the people on Cedar Lake want to work with the DNR, but I also know right now 99% will not because we hear this and that about things being done without our knowledge. I feel that in the future better communications and cooperation with lake associations and sanitary districts could greatly improve your image.

Thank you for your cooperation in this matter.

Criox Belonger Ron Fassbender Rish Mgr Green Bay 414-994-9601 414-592-8756 not seing sample

DR:kl-cc. DR, RZ, JR, Dr.Z., RS

Don Vointer 6-2244

Yours truly,

CEDAR LAKE INLAND LAKE PROTECTION AND REHABILITATION DISTRICT

Denis Kolechud 1

Dennis Robichaud, Chairman

4565 is gathering data

RECEIVED APR 2 6 1976

BUR. OF FISH & WILDLIFE MANAGEMENT

Mr. Robert McLeod U.S. Geological Survey Water Resources Div. J815 University Avenue Madison, Wisconsin 53706

Dear Bob:

On behalf of Cedar Lake, I would like to thank you and Mr. Calabresa for the very educational meeting. We all learned a lot and appreciate the work that has been done. Since our meeting with you, we have had a few meetings of our own. We understand that your study would require that we not use our well until July, 1977, and at that time run it continuously for a full year. The only way we feel that we can cooperate in this area is if we can first establish a bulkhead and have a useable outlet on the lake. If spring rains and run-off brought the level of the lake up - we could not run the well knowing that property or septic systems were in danger of high water damage.

We have sent in our application to the DNR for 60% funding for establishing a bulkhead and an outlet as a Lake Rehabilitation District Project. We should have an answer by sometime after May 1. We have an annual meeting coming up on May 29, at which time the people will be voting on whether or not to use the well this summer. If the DNR works with us and we get the funding for the two proposed projects, I am sure our people will vote to cooperate with your department and not run the well until your plans call for it.

Yours truly,

CEDAR LAKE INLAND LAKE PROTECTION & REHABILITATION DIST.

April 23, 1976

Dennis Robichaud, Chairman

DR:kl cc. TC, DW, JR, OW, RS, RZ, DR Madison

April 9, 1976

TO: Thomas Calabresa - 10

FROM: Donald R. Winter

SUBJECT: Cedar Lake, Manitowoc County

This office is requesting a limited review of existing data which has been collected for Cedar Lake and associated watershed. It is our understanding that USGS and the Department of Natural Resources are conducting a study of groundwater flow patterns and quality to the lake and also are collecting in-lake data. This office has a need to evaluate some of the existing data for the purpose of recommending possible lake management alternatives and submit such alternatives to USEPA for possible funding under PL 92-500.

It is our wish to meet with you and USGS prior to April 15, 1976 to discuss the possibility of preparing a proposal to submit to the USEPA.

Donald R. Winter

DRW:jm cc: O. D. Williams - 14 NOTED:

Date

3500

DWenter



COOPERATIVE EXTENSION PROGRAMS UNIVERSITY OF WISCONSIN-EXTENSION

RECEIVED

NOV 1 2 1975

1815 UNIVERSITY AVENUE MADISON, WISCONSIN 53706 AREA CODE 608 262-0020

BUR. OF FISH & WILDLIFE MANAGEMENT

ENVIRONMENTAL RESOURCES UNIT

CEDAR LAKE Manitowoc County

Intra-Office Memo of Meeting:

6:30 p.m., September 11, 1975 Raynard's Inn Route # Kiel

Organized by:

Dennis Robichaud Chairman, Sanitary District

Re:

Lake District -- Formal Creation and Application

Present:

Three Sanitary District Commissioners

I showed them a sample resolution for the Town Board of Scheswig to pass and discussed their strategy in approaching the town board.

There was considerable discussion about a bulkhead line. Senator Keppler wants one and has been in a hassel with DNR. I suggested that a community recommendation on the issue of a bulkhead line be decided by the lake district after formation.

I went through the technical application form and asked, to get it in as soon as possible.

LLK/nee

Bob Sterrett cc: Don Winter

Sanitary District No. 1 Town of Schleswig P.O. Box 43 Kiel, Wisconsin 53042

DISTRICT FILE

DISTRICT I .: TOWN OF SCHLESWIG

MANITOWOC COUNTY, WISCONSIN

COMMISSIONER

November 4, 1975

Mr. Robert McLeod U.S. Geological Survey Water Resources Div. 1815 University Avenue Madison, Wisconsin 53706

Dear Bob:

We have just formed a "Public Inland Lake Protection and Rehabilitation District." We would appreciate any and all information that you have gathered to date. In order to obtain aid, we have to fill out "Technical Assistance Application Form 8700-97. If you have seen the application, you can see where they need a lot of information. If you could help us out in anyway, it sure would be appreciated. If there would be any charges, please send me the bills.

I talked to Bob Sheahan on this 10/28/75 and if you have any questions, I am sure he could answer them.

If you would need anymore information on what we may need, you could contact Lowell Klessig at University of Wisconsin Extension, 432 North Lake Street, Madison 53706, Telephone 608-262-3634.

I hope you can help us out.

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Yours truly,

SANITARY DISTRICT NO. I TOWN OF SCHLESWIG

Dennis Robuchand Me

Dennis Robichaud, Chairman

(} _ , Survey Manuson Sisconsin

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DR:kl cc. LK, DR, JR, RZ



BAY-LAKE Regional Planning Commission

Suite 450, S.E. Bidg., U.W.G.B., Green Bay, Wisconsin 54302 Ralph M. Bergman, A. I. P., Executive Director — tele: 1 (414) 465-2135

serving communities within the counties of:

FLORENCE · MARINETTE · OCONTO · BROWN · DOOR · KEWAUNEE · MANITOWOC · SHEBOYGAN

October 21, 1975

RECEIVED

OCT 22 1975

Mr. Dennis Robichaud, Chairman Cedar Lake - Sanitary District No. 1 P.O. Box 43 Kiel, Wisconsin 53042

BUR, OF FISH&WILDLIFE MANAGEMENT

Dear Mr. Robichaud:

This letter is to confirm a meeting scheduled for November 6, 1975, 7:00 p.m. at Raymond's Inn on Cedar Lake. The purpose of the meeting is to discuss future alternatives available for the lake. Mr. Bruce Loppnow and I, representing the Bay-Lake staff and Mr. Douglas Knauer from the Wisconsin DNR will be in attendance to meet with your group.

We look forward to working with your group on Cedar Lake.

Sincerely,

Robert L. Fisher

maa

cc. D. Knauer - DNR J. Kirchner - Manitowoc Co. Plan & Park Com.



BAY-LAKE Regional Planning Commission

Suite 450, S.E. Bidg., U.W.G.B., Green Bay, Wisconsin 54302 Ralph M. Bergman, A. I. P., Executive Director - tele: 1 (414) 465-2135

serving communities within the counties of:

FLORENCE · MARINETTE · OCONTO · BROWN · DOOR · KEWAUNEE · MANITOWOC · SHEBOYGAN

October 2, 1975

RECEIVED

OCT 6 1975

Mr. Dennis Robichaud, Chairman Cedar Lake-Sanitary District No. 1 Box 43 Kiel, Wisconsin 53042 BUR. OF FISH & WILDLIFE MANAGEMENT

Dear Mr. Robichaud:

In response to the Sanitary District's concern for maintaining the quality of Cedar Lake, and your request for information and assistance, we would suggest that you contact Mr. Douglas Knauer, Wisconsin Department of Natural Resources, Box 450, Madison, Wisconsin, 53701, (1-608-266-6964). Our staff has made preliminary contact with Mr. Knauer, who is with the Inland Lake Renewal Program, and he would be happy to meet with your Sanitary District. We would suggest that a meeting of the Sanitary District, Bay-Lake planning staff, and Inland Lake Renewal personnel would be helpful in reviewing what is necessary to protect Cedar Lake. We feel that the approach taken by the Inland Lake Renewal Program, which begins with a detailed study of the lake system to determine what may be needed in the future, would provide the Cedar Lake Sanitary District with the basic information needed to evaluate future options. The costs associated with the study would be entirely borne by the Inland Lake Program.

If we may be of assistance in scheduling a meeting, or in providing additional information, please let us know. We are looking forward to working with you as you plan for the future of Cedar Lake.

Sincerely,

Robert L. Fisher Principal Planner - Public Access Z - 60-40% funding

sam CC/ Douglas Knauer



UNIVERSITY OF WISCONSIN-EXTENSION

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JUN 2 V 1975

1815 UNIVERSITY AVENUE MADISON, WISCONSIN 53706 AREA CODE 608 262-0020

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BUR. OF FISH&WILDLIFE MANAGEMENT

ENVIRONMENTAL RESOURCES UNIT

CEDAR LAKE Manitowoc County

Memo of Meeting: 7:00 p.m., Raymond's Inn June 13, 1975

Organized by: Dennis Robincard

RE: Creation of a Lake District

Present: Cedar Lake Association Board of Directors Representatives of Horseshoe Lake Representatives of Wilke Lake

I presented a explanation of the new law as it might apply to this highly-developed lake. The lake association has been in existence on this lake for 25 years. There is also a sanitary There is also a sanitary district which surrounds the lake. The lake is totally within the town of Schleswig. Therefore, this group has all three options open to it in regard to creating a lake district. It can petition the county board, it can get a resolution from the town board for a new lake district, or it can create a lake district with the same boundaries and commissioners as the sanitary district. The major goal of the association is to raise enough money to suck out the mud in the lake. They are presently raising about \$700 a month with bingo. They are concerned about forming another unit of government -- would prefer not to have both a sanitary district overlaid on a lake district and they have questions about whether the Department of Natural Resources might be able to force them to do something if they create a lake district. The board will further study this issue and report to the August meeting of the association.

LLK/nee

cc: Bob Sterrett Don Winter



Mr.R.S. McLeod, Hydrologist U.S. Dept. of the Interior Ceological Survey - Water Resources Div. 1815 University Avenue Madison, Wisconsin 53706

Geor Beb:

We have not heard from you or Bob Shechan for awhile and we are wondering if you have found anything out yet as a result of your studies here at Cedar Lake .

We will be having the annual Sanitary District Meeting in May and I have hopes that I can present something to them at that time.

Also, could you please send me a copy of what the State and Federal Covernment feel is the high and low water table since 1970.

Thank you and look forward to bearing from you.

Sincerely,

SANITARY DISTRICT NO. 1, Town of Schleswig

1

Dennis Robichaud, Chairman

ORAL



United States Department of the Interior

GEOLOGICAL SURVEY Water Resources Division 1815 University Avenue Madison, Wisconsin 53706

February 20, 1975

Mr. Dennis Robichaud, Chairman Sanitary District No. 1 Town of Schleswig Route 1, Box 50-A Kiel, Wisconsin 53042

Dear Mr. Robichaud:

Thank you for your letter of February 17, 1975, expressing an interest in accomplishments of the Cedar Lake project to date. In particular, you were interested in water levels for Cedar Lake. I am enclosing a lake-stage graph for Cedar Lake showing estimated maximum monthly and minimum monthly stages for each year for the period 1946-74. I am also enclosing stage-frequency curves that were prepared using these data. Examples of how each of the frequency curves are interpreted follows:

A yearly minimum monthly stage equal to or less than 95.8 feet can be expected to occur on the average 50 percent of the time, or once every two years.

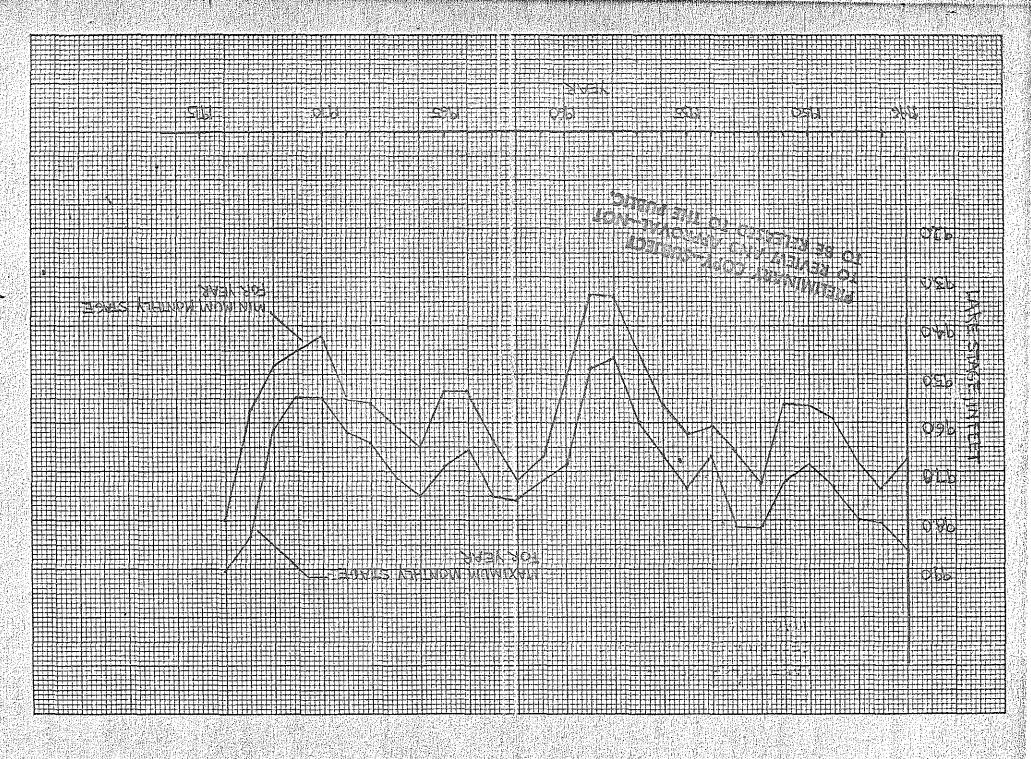
A yearly maximum monthly stage equal to or greater than 97.0 feet can be expected to occur on the average 50 percent of the time, or once every two years.

Sincerely yours,

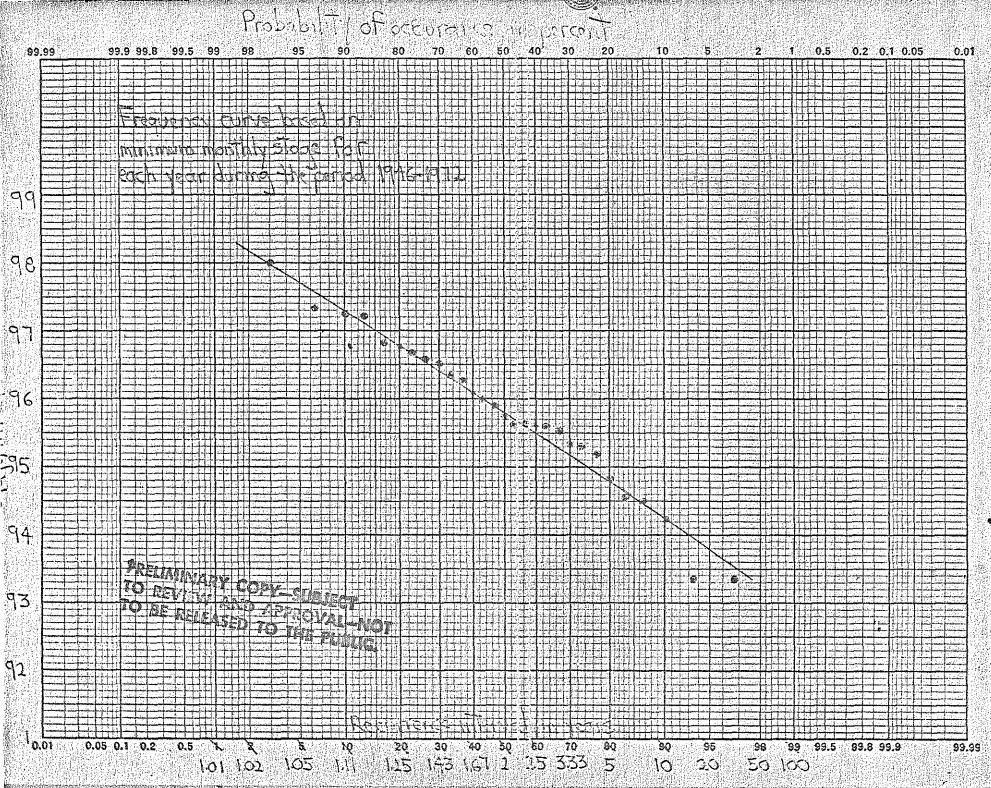
R.S. Mileod

R. S. McLeod Hydrologist

RSM/nmv Enclosures



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DONOHUE & ASSOCIATES. INC. - where we are a second second

March 29, 1972

Wisconsin Department of Natural Resources Bureau of Water and Shoreland Management Private Water Supply Section 2. O. Box 450 Madison, Wisconsin 53701

Attention: Mr. Thomas A Calabresa, P.E. Chief

> Re: Town of Schleswig Sanitary District No. 1 (Cedar Lake) Well Project No. 2087

Gentlemen:

This is to inform you of the status of the well construction at Cedar Lake. The well has basically been completed as shown on Well Section 1 of the specifications (Drawing No. L-6695). The outer casing has been installed to a depth of 60 feet. The inner casing has been installed completely through the drift to a depth of 137 feet. An open hole has been driiled from the bottom of the inner casing to a depth of 600 feet below ground surface. The entire depth of open hole is in the limestone. Shale has not been encountered and the hole was terminated at 600 feet and a well test conducted.

The well pumping test was conducted from 7:00 A.M. March 28, to 7:00 A.M. March 29. Copies of the results of the pumping test and the results of water level measurements in nearby private wells are included with this letter. Also included is a map showing the location of the private wells used for observing water levels to determine whether or not there is any interference.

The well was pumped continuously at fates varying from 250 gpm to 700 gpm. Pumpage at a rate of 500 gpm, the design well capacity, was conducted for approximately 15 hours of the 24-hour test period. As indicated by the test data, the well is a relatively good producer, with a specific capacity of approximately 17 gpm per foot of drawdown at the 500 gpm rate.

Measurements of water levels were made in four private wells and between the inner and outer casings of the test well to determine possible interference. All measurements were made using An electric tape. The resulgs of the measurements, in terms of depth of water level below top of well casing, are shown on the attached data sheets.

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DONOHUE & ASSOCIATES, INC.

Wisconsin Department of Natural Resources -3- March 29, 1972

The Commissioners of the Sanitary District have requested that we contact your Department to obtain approval for the use of the well during the spring and summer months of 1972. The Sanitary District would rent the pump and discharge line facilities that were used for testing the well from Miller Well and Pump Company and these facilities would be used to pump water from the well until such time as the permanent pumping and discharge facilities can be installed, or until the end of the summer months, whichever occurs first.

We are therefore requesting your approval of the use of the well with the temporary pumping facilities to be used during the spring and summer of 1972. Your comments on this matter will be appreciated.

Very truly yours,

DONOHUE & ASSOCIATES, INC.

Bv : Richard E. Fedler, P.E.

REF/ln

Enc: Well Test Data Map

CC: Dr. F. A. Knauf 4



TOWN OF SCHLESWIG, MANITOWOC COUNTY, WISCONSIN SANITARY DISTRICT NO. 1 CEDAR LAKE WELL (Continued)

Time	Pumpage G.P.M.	Pumping Level Feet	Drawdown	Yield (G.P.M./FT.DD)	Remarks
2:00 P.M.	500	69'- 6"	42'- 2"	11.9	Cloudy - Sandy
2:30 P.M.	500	69'- 7"	42'- 3"	11.8	Cloudy - Some Sand
3:00 P.M.	500	691-7"	42'- 3"	11.8	Hardness = 15 gr.
	가슴이 있는 것 같은 것을 하지? 이 등 이 이 것 같은 것 같은 것 같은 것		ente de la construcción de Construcción de la construcción de		Iron = 0.15 ppm
3:30 P.M.	600	79'- 9"	52"- 5"	11.4	Cloudy - Sandy
4:00 P.M.	600	79'- 0"	51'- 8"	11.8	Cloudy - Sandy
4:30 P.M.	600	78'- 3"	50'-11"	11.8	Clearing - Some Sand
5:00 P.M.	700	84'-10"	57'- 6"	12.2	Cloudy - Sandy
5:30 P.M.	700	77'- 9"	50'- 5"	13.9	Cloudy - Sandy
6:00 P.M.	700	77 🗲 0"	51'- 8"	13.6	Cloudy - Sandy
6:30 P.M.	700	77'- 0"	51'- 8"	13.6	Clearing - Some Sand
7:00 P.M.	500	57!- 4"	30'- 0"	16.7	Clear
7:30 P.M.	500	57!- 4"	30'- 0"	16.7	Clear
8:00 P.M.	500	57'- 4"	30'- 0"	16.7	Clear
8:30 P.M.	500	571-4"	30'- 0"	16.7	Clear
9:00 P.M.	500	571-4"	30'- 0"	16.7	Clear
9:30 P.M.	500	57'- 5"	30'- 1"	16.3	Clear
10:00 P.M.	500	57'- 4"	30'- 0"	16.7	Clear
10:30 P.M.	500	57'- 4"	30'- 0"	16.7	Clear
11:00 P.M.	530	57'- 8"	30'- 4"	17.5	Clear
11:30 P.M.	530	57'- 8"	30'- 4"	17.5	Clear
12:00 A.M.	530	57'- 8"	30!- 4"	17.5	Clear
12:30 A.M.	520	571-5"	30'- 1"	17.0	Clear
1:00 A.M.	520	571-5"	30'-1"	17.0	Clear
1:30 A.M.	520	57'- 5 "	30'- 1"	17.0	Clear
2:00 A.M.	520	57'- 5"	30'- 1"	17.0	Clear
2:30 A.M.	520	57'- 5"	30'- 1¶	17.0	Clear
3:00 A.M.	500	57'- 4"	30'- 0"	16.7	Clear '.
3:30 A.M.	500	57!- 4"	30'- 0" 29'- 0"	16.7	Clear
4:00 A.M.	500	56'- 4"	29'- 0" 29'- 0"	17.2 17.2	Clear Clear
4:30 A.M.	500	56'- 4" 56'- 6"	29'- 0	17.2	Clear
5:00 A.M.	500	そのない ひてい はちょう そうい エンコン ひんかいとうせい ちょうかいぼうも おそうひょうせい	29 - 2 29 - 2"	· 전에 같이 있는 것은 이상에게 집에서 있는 것은 같이 있는 것이 가지 않는 것이 없다.	Clear
5:30 A.M.	500	56'- 6"	23 - 2	17.2	C1601

TOWN OF SCHLESWIG, MANITOWOC COUNTY, WISCONSIN SANITARY DISTRICT NO. 1 CEDAR LAKE WELL (Continued)

Time	Pumpage G.P.M.	, Pumping Level Feet	Drawdown	Yield (G.P.M./FT.DD)	Remarks
6:00 A.M. 6:30 A.M. 7:00 A.M.	490 460 490	56'- 0" 54'- 7" 54'- 8"	28'- 8" 27'- 3" 27'- 4"	17.2 16.9 18.0	Clear Clear Hardness = 16 gr. Iron = Trace pH = 8.7
7:05 A.M. 7:10 A.M. 7:15 A.M. 7:20 A.M. 7:25 A.M.		54'- 8" 28'- 5" 28'- 2" 28'- 2" 28'-1.5"			Stop Pump End of Test

.

DONOHUE & ASSOCIATES, INC.

WELL PUMPAGE TEST

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		Observatio	on Wells*		
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7:20		61-2"			
7:45			9'-2"		
8:00			$r_{1} = r_{2} + r_{1} + r_{2} + r_{3} + r_{4} + r_{4$	18'-8"	
8:30					58'-4"
9:35	28'-6"				
9:65				18'-8"	
10:00			9'-2"		
10:05		6'-2"		2011년 1월 1997년 1월 19 1월 1997년 1월	N. C
10:45	29'-6"				
2:15 P.M.				18'~8"	
2;25			9'-5"		
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6:20	30'-4"				
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10:30				18'-10"	
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11:00	30'-0"				
12:15 A.M.				18'-11"	
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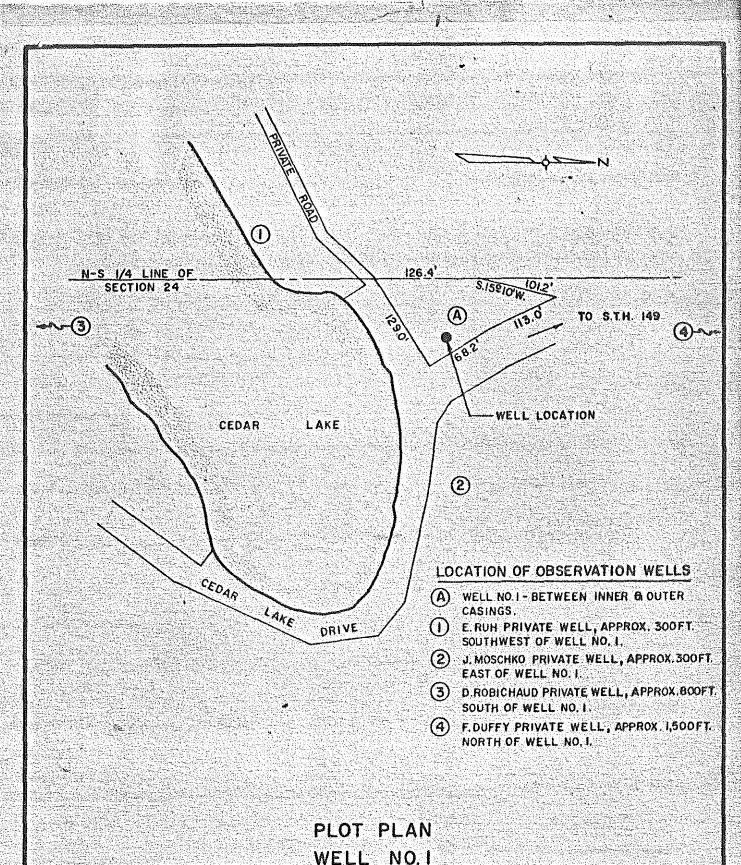
Well Pumpage Test

		Observat	ion Wells*		inneritiinteen in eesti oo digaala
Time	A	1		3	4
12:40 A.M.	30'-1"				
12:45		7'-0"			
2:20	an a				59'-2"
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6:45			9'-7"		
6:55		6'-10"			
7:05	29'-11.5"				
7:10	29'-7"				
7:20	29'-5"				(1,2,2,3,2,2,3,3,3,3,3,3,3,3,3,3,3,3,3,3,
7:25	29'-4"				

-2--

End of Test

* See Plot Plan for Owner and Location of Observation Wells.



TOWN OF SCHLESWIG SANITARY DISTRICT NO. I MANITOWOC COUNTY, WISCONSIN

> DONOHUE & ASSOCIATES, INC. SHEBOYGAN, WISCONSIN MARCH, 1972

WWWER

PROJECT INSPECTION

Project No	2087	n	ate of Inspec	tion <u>December 23, 1971</u>
ETO JECE NO.	<u></u>			
Project Name	e Cedar Lake De	on Wall R	esident Inspe	ctor
	Town of Sches			
	initary Distric	, ∦1 P	roject Engine	er <u>R. B. Fedler</u>
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	7.6. 4 4			

Owner's Representative Contacted

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- Work in Progress: The depth of the hole to date was 135 feet in either large boulders or possibly bedrock. The 16" steel casing was at a depth of 126 feet. A 10 foot section of steel casing was being welded to the 126 ft, pipe before driving the casing further. Static water level was at 30 feet.
- REMARKS Progress has improved somewhat, following last week's attempt to correct the hole alignment. The contractor is making every effort to maintain a plumb hole in the overburden of sand, gravel and boulders.

Approximately one day of drilling was lost because of repairs made on equipment.

	ASSOCIATES, INC
By. INP	Bapelo
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Geolog	Rehfeldt

WRR/kj CC: Dr. F. A. Knauf Room 210

PROJECT INSPECTION

Project No. 2087

Date of Inspection January 5, 1972

Project Name <u>Cedar Lake Deep Well</u> Town of Schleswig Client <u>Sanitary District #1</u>

Resident Inspector____

Project Engineer R. E. Fedler

Contractor Miller Well and Pump Company

Owner's Representative Contacted _____

Work in Progress: Drilling at depth of 145 feet, possibly in the top of the dolomite, with sand and gravel still caving in somewhat. The 16" steel casing was at 135 feet. A 10 foot section of casing was welded in place so that the casing can be driven deeper to seal off the sand. Static water level is at 32 feet.

REMARKS One hour delay at the start of the shift this morning to warm up the engine on the drill rig, because of -10° temperature.

WRR/dw

CC: Dr. F. A. Knauf Room 210 Security First Bank Building Sheboygan, Wisconsin 53081 DONOHUE & ASSOCIATES, INC.

By: WR W. R. Rehfeldt Geologist

PROJECT INSPECTION

Project No. 2087

Date of Inspection January 13, 1972

Project Name Cedar Lake Deep Well Resident Inspector Town of Schleswig

Client_Sanitary District # 1 Project Engineer R. E. Fedler

Contractor _____Miller_Well and Pump Company _____

Owner's Representative Contacted _____

Work in Progress: Drilling crew changed rill bits and loaded worn bit and tools onto truck. Prepared to continue drilling.

REMARKS

The 16" steel casing is seated at 139 ft., in the dolomite, and the sand and gravel is now sealed off. The depth of the hole, open ahead of the casing, is 182 feet. Static water level is 25 ft.

DONOHUE & ASSOCIATES, INC. By: (1)

W. R. Rehfeldt Geologist

CC: Dr. F. A Knauf Room 210 Security First Bank Building Sheboygan, Wisconsin 53081

PROJECT INSPECTION

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Project 1	No2087			ate of	Inspecti	on Jan	uary 20,	, 1972
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10,000	Name <u>Cedar</u> Town of Sch	lesvig		an a				
Client	Sanitary Di	strict #1	I	roject	Engineer	R. E.	Fedler	
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Contracto	or <u>Mille</u>	r Well and	Pump Co	mpany				
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Owner's Representative Contacted

Work in Progress:

Drilling in hard, white dolomite at depth of 215 feet. Samples of the rock formation were taken for the DNR.

REMARKS

Static water level is 26 feet.

Progress has improved considerably, although the drillers are experiencing some problem with the drill bits, which do not seem to have the desired temper and tend to wear rapidly.

WRR/ln

CC: Dr. F. A. Knauf Room 210 Security First Bank Bldg. Sheboygan, Wisconsin 53081

DONOHUE & ASSOCIATES, INC. By: 62. R. 1201 010 W. R. Rehfeldt

Geologist

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PROJECT INSPECTION

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1. 1997年1月21年1				$(\gamma) = (\gamma_{1}, \gamma_{2}, \gamma_{3}, \gamma_{4}, \gamma_{5}, $	
Project	Name Cedar Lake	neeb werr	Resident 1	nspector	ومعجوف محدود بالمحدود والمحدون ومتسافعات ومحدود ومحدود والمحدود والمحدود والمحدود
	Town of Schleswig				
Client	Sanitary District	: No. 1	Project En	gineer R	. E. Fedler
Contrac	tor Miller We	all and Pump	Co.		

Owner's Representative Contacted_

Work in Progress:

Drilling in hard, gray dolomite at depth of 348 feet.

REMARKS

Static water level is 27 feet.

The hard, gray dolomite was encountered at 320 feet which has resulted in somewhat slower progress.

WRR/ln

CC: Dr. F. A. Knauf Room 210 Security First Bank Bldg. Sheboygan, Wisconsin

DONOHUE & ASSOCIATES, INC. By: an elar ren Geologist

PROJECT INSPECTION

Project No. 2087

Date of Inspection February 17, 1972

Project NameCedar Lake Deep Well Town of Schleswig Client Sanitary District No. 1 Project Engineer R. E. Fedler

Resident Inspector

Contractor Miller Well and Pump Company

Owner's Representative Contacted ____

Work in Progress:

Drilling in hard, gray dolomite at depth of 390 feet.

REMARKS

Static water level at 27 feet.

Discussed drilling operations and the forthcoming pumping test with the contractor. An important consideration is for the contractor to provide proper drainage to avoid flooding of property during the pumping test.

Checked on names of various property owners with wells to be considered for observation purposes during the official well test.

WRR/1g

Dr. F. A. Knauf CCI Room 210 Security Eirst Bank Bldg. Sheboygan, Wisconsin

DONOHUE & ASSOCIATES, INC. By: L W. R. Rehfeldt

Geologist

PROJECT INSPECTION

Project No. 2087	Date of Inspection February 24, 1972
Project Name <u>Cedar Lake Deep Well</u> Town of Schleswig	Resident Inspector
Client Sanitary District No. 1	Durdont Friday P. F. Madlaw
Contractor Miller Well and Pump Comp	any

Owner's Representative Contacted

Work in Progress:

Drilled to depth of 432 feet, in hard gray and brown dolomite. Performed a bailer test for a period of 31 minutes.

REMARKS

Static water level at 27 feet. Pulled out worn drill bit --- discovered a crack in the replacement bit which must be welded before it can be used.

WRR/kj

CC: Dr. F. A. Knauf Room 210 Security First Bank Bldg. Sheboygan, Wisconsin DONOHUE & ASSOCIATES, INC.

By: (1)

W. R. Rehfeldt Geologist

PROJECT INSPECTION

 Project No.
 2087
 Date of Inspection March 2, 1972

 Project Name Cedar Lake Deep Well
 Resident Inspector

 Town of Schleswig
 Resident Inspector

 Client
 Sanitary District No.1
 Project Engineer R. F. Fedler

 Contractor
 Miller Well and Pump Company

Owner's Representative Contacted

Work in Progress;

Drilling in hard, gray to brown dolomite at depth of 468 feet. Reset bit joint. Routine maintenance performed on engine.

REMARKS

Static water level at 27 feet.

Briefly discussed aspects of forthcoming pumping test with driller.

DONOHUE & ASSOCIATES, INC. By:_[,) P Rehfeldt Geologist

CC: Dr. P. A. Knauf

×.,

PROJECT INSPECTION

Project No. 2087

Date of Inspection March 9. 1972

Project Name Cedar Lake Deep Well Resident Inspector____ Town of Schleswig Client Sanitary District No. 1

Project Engineer R. E. Fedler

Contractor Miller Well and Pump Company

Owner's Representative Contacted

Work in Progress:

Driller reset bit joint and continued to drill in hard, gray to brown dolomite. Depth of hole at 513 feet.

REMARKS

Static water level at 27 feet.

Investigated alternate routes to direct water pumped during the pumping test. One property owner, Mr. Benninghaus, indicated that he would permit the placing of the water line across his private road during the 24 hour test. The contractor will contact other property owners concerned.

DONOHUE & ASSOCIATES, INC. By: UDa

Warren R. Rehfeldt Geologist

WRR/1g

CC: Dr. F. A. Knauf

- PROJECT INSPECTION

Project No	2087	a a tradição de tradesta de composidade	Date of	Inspect	ion Mar	<u>ch 23, 1972</u>
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Drotoct Nama	Cedar Lake	Deep Well	Resider	nt Inspec	tor	
TLUJECC Name	of Schleswig				•••	
			Dradaad	- Frairce	. D D	. Fedler
Client_Sanl	tary District	NO	FIOJECI	r pudruee	** <u></u> &	<u> </u>
	MATION NO.	11 - s.w. 2 - Throws	~ ~~~~~			
Contractor	LITTTCT MG	11 and Pump	company			

Owner's Representative Contacted _____

Work in Progress:

Drilling in very hard gray-brown dolomite; stopped drilling at depth of 600 feet.

Cleaned out bottom of the hole and began preparations for pumping test.

REMARKS

Static water level at 27 feet

Stopped the drilling at 600 feet without encountering shale

Began preparations for 24-hour pumping test scheduled March 28 at 7 A.M.

DONOHUE & ASSOCIATES, INC. ву:___) 12 W. R. Relfeldt Geologist

CC: Dr. F. A. Knauf Room 210 Security First Bank Bldg.

PROJECT INSPECTION

Project	t. No	2087		D	ate of 1	Inspection	, Aug. 1,	1973 -
						an Artistan Artista		
Project	t Name <u>Ce</u>	<u>edar Lake</u>	Well	R	esident	Inspector		a an
	Town of	Schlogwi	ardan D	ict #1 n	NO	Engineer_	R. E. Fed	ler
Client.	TOMILOT	DCHIESWI	<u>9-0411. D.</u>	<u>1919</u> 11	IO JECT 1	sigineer		
Contra	La La	ayne-Nort	hwest					an a

Owner's Representative Contacted Mrs. Dennis Robichaud

Work in Progress:

REMARKS

I checked water level in the well. When pump is operating, water level is approximately 55 ft. below ground surface. When pump is shut off, water level stabilizes at approximately 30 ft. below ground surface. The water depth gage is operating satisfactorily at this time.

CC: Mr. Dennis Robichaud 🗸

DONOHUE	A AS	SOCI	ATES .	INC.	j
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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WWW B

August 28, 1970

L. P. Voigt Secretary BOX 450 MADISON, WISCONSIN 53701

D-4367

Mr. L. Robichaud Weyerhaeuser Company 2000 South 18th Street Manitowoc, Wisconsin 54220

Re: Levels of Cedar Lake, Manitowoc County

Dear Mr. Robichaud:

We are sending you a copy of a 1958 report by the Public Service. Commission relating a similar fluctuation in the level of Cedar Lake during drought periods.

Doctor F. A. Knauf, Chairman of Sanitary District No. 1, for your lake, has already contacted Tom Calabresa of the Private Water Supply Section. Mr. Calabresa will be sending Mr. Knauf pertinent information and regulations regarding the proposed well drilling by the Sanitary District.

It appears that the basic question involved in this issue is whether pumping water into the lake will raise the level or just dissipate into the surrounding area. Soil investigation by a hydrogeologist will probably be recommended to obtain this information. If we can be of any further assistance, please contact this office.

> Very truly yours, Bureau of Water & Shoreland Management

Edmund M. Brick, Chief Water Regulation Section

EMB: fhb Enc. cc: D. K. Helgeson Tom Calabresa

Subsequent to the modeling, certain data has been accuralisted which may obed sees light on the basic reason for the low water, levels new being experienced by Gedar Leke. On the graph attached hereto have been plotted the annual average levels of Geder Lake, the average annual preclutation for four localities blanketing the Geder Lake area and also a curve showing the accumulated departures from the average proclatation for the period 1910 to 1957, inclusive. The average proclatation for the area for the entire period is 26.6 inclus. The difference between the actual annual precipitation and the average has been determined for each year and these have been algebraically necessulated into the departure curve noted above. In addition to the graphs the gage readings for Codar Lake at caveral dates are also indicated.

...?...

It will be seen that the presiduation for at lengt the period 1910 to 1929 was generally in access of the average and that correspondingly the accumulated precipitation departure graph is inclined upserd. It may also be noted that in May of 1929 Godar Leng reached a gage reading of 10.36 feet. At that time complaints were received that the lake was so high that damage to riparian property was being sufficiend. At that stage the level of Godar Lake was about 6 feet higher than it has been recently.

From 1929 to the proceet time the proceedation has been generally below the average and the Cochinkay frond in indicated by the slope of the weinfail departure graph. It may be used that the level of Codar Lake declined over 5 foot between May of 1922 and August of 1926. During that ease period the precipitation were below normal by some 50 inches.

The graph of lake lordle indicated that between heavy of 1936 and Merch 31, 1963, the lake level had raided to a stage of 9.22 or by h feet and that during mean of the period the accurateded presipitation departure graph had been in an intracting brand.

Since 1963 except for an increase during the year 1951 and 1952 the level of Color Lete has been dropping and it will be noted that the Copyrings graph has followed the tread of Lete Levels as closely as could have been expected.

If past history is an indication of future into lovels, it can be assumed that the present level is primarily caused by a long period of less than average precipitation and that the condition is likely to correct itself if a period of encouring particulation cours.

During the month of April 1958, a field impection of Osdar Leke and the surrounding area and main and it appared that feder Lake had sizes slightly, but that it would providy benefit by an increase of about 3 feat in the level which would write it a such more attractive lake.

On this inspection Sine Lebs, Long Lake and Willin Jake ward also checked and all of them more at relatively high and featurble spring water

ringer. The reason for the difference between these lakes and Coder Lake is not entirely clear cithough it appears to be true that they have considerably larger drainage areas as compared with water areas than does Coder Lake and that they may be therefore better able to maintain attractive levels during day periods.

-3-

There is some feeling in the area that silt on the bottom of the lake has obstructed the free flow of uprings which formarly tended to maintain the lake at higher levels. In view of the steep topography in the visinity of the lake, it appears improbable that this feeling is well justified.

There is also some failing that the pumping to supply the village of Kiel, which lies some five miles to the test, may have had an effect on the lake. This also is improbable as kiel takes its mater from a different equifor, and in any event is so far any that it could affect the levels only under very exceptional circumstances which do not support to be present in this enco.

Another possibility is that the coal in the bottom of the lake may have been broken due to natural or antificial causes. If this is a fact, it might permit the excape of nator into lover aquiform and thereby lower the lovel of the lake. If there is any chance that this may have happened, it is possible that on request a study could be made by the Groundwater Branch of the United States Geological Survey located at the University of Miscensin at Medicon. The remondary close correlation between the Level of the Lake and the precipitation departure graph would appear to make this possibility semethat remote.

Conclusion

The fluctuation in the level of Coder Lake over a long period appears to be reasonably tell related to the precipitation pattern in the area and it further appears probable that an expect in precipitation over a perior of years will restore Coder Lake to word forecable levels.

NG/DE

August 31, 1976

Mr. Dennis Robichaud, President Cedar Lake Protection and Rehabilitation District P.O. Box 43 Kiel, Wisconsin 53042

Dear Mr. Robichaud:

As a follow-up to our telephone conversation, I have reviewed the Department's files as they relate to projects proposed to be undertaken by the Cedar Lake Protection and Rehabilitation District.

41-255-1 file

3120

Your application indicates that the District's highest priorities are to establish a bulkhead line around the lake and, if possible, to stabilize the lake level through a combination of an outlet structure and either an inlet structure or replenishment well.

It is further my understanding that the initial step proposed by the District is the bulkhead line survey, and the most urgent question is whether Inland Lake Renewal funds are available to cost-share in this process.

From the preliminary information I have received, this procedure would not be eligible for a State grant. Such an activity appears to be directed toward resolution of property rights of riparians, rather than the water quality concerns addressed in the Inland Lake law. Although filling to the bulkhead line, once established, would be permissible under law, it is my understanding that such shoreline stabilization would be completely voluntary and the responsibility of individual property owners.

Whether installation of an outlet attructure and other lake level maintenance techniques would be eligible for State cost-sharing remains to be determined. Although considerable data have been gathered by the U.S.G.S., their research study on Cedar Lake is continuing. Since this work will provide the elements of a feasibility study without cost to TO: Mr. Dennis Robichaud - August 31, 1976

the District—and since the bulkhead line survey will neither impact on nor interfere with the U.S.G.S. research—it may be advisable to proceed on both fronts before initiating any other activities.

I hope that this letter has been resposive to questions which you and other commissioners may have. I look forward to working with you in the protection of Cedar Lake in the months ahead.

Sincerely, Office of Inland Lake Renewal

Oliver D. Williams Director

ODW:djc

cc: Tom Kroehn - 14 Ron Fassbender - Lake Michigan District Tom Calabresa - 10

No. Office of Inland Lake Renewal 0 1976 By DONALD R. WINTERM Mr. Earl - 14 Mr. Winter - 6 Mr. Damon - 14 Mr. Frangos - 14 Mr. Amman - 6 Ms. Reivitz - 14 Mr. Boebel - 6 Mr. Dunst - 6 Mr. Hammer - 13 Mr. Knauer - 6 Mr. Wedepohl - 6 Program Secretary - 6 District Director District Coordinator-Inland Lake Renewal Spooner Rhinelander Eau Claire Green Bay Milwaukee SD, Madisor Refer to rie Mr. Schraufhagel Mr. Cain - 10 U.W. MAIL Mr. Keener - 6 Mr. Threinen - 6 Mr. Klessig Mr. Brick - 4 Mr. Sterrett Mr. Dunn - 2 Dr. Peterson Mr. Wirth - SD Dr. Uttormark Answer Answer & return file Answer for signature For your signature Confer with me For your approval Follow through For your comments For distribution For your information and filing For your information and return file Note, route and return Per your request alabresa - 11 COMMENTS Date Routing slip to remain attached to correspondence at all times.

Rev. 12-24-75

CEDAR LAKE

INLAND LAKE PROTECTION & REHABILITATION DISTRICT

P.O. BOX 43 - KIEL, WISCONSIN 53042

April 9, 1976

41-1FS-1

MAY 1 0 1976

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Mr. Donald Winter, Acting Director State of Wisconsin/Department of Natural Resources^{F HSHAMPER} Box 450 Madison, Wisconsin 5370

Dear Mr. Winter:

I am enclosing the Financial Assistance Application as we discussed. After reviewing this with the proper people, we can see no reason why we should be turned down this year. We look forward to receiving money after May I, in order to begin work on an inlet/outlet and maybe a bulkhead this summer.

We feel this is the year because if we work with the DNR and USGS we probably won't be turning the well on in 1976. (I say if because alot depends on your department of the DNR).

I have discussed your letter with our two senators and assemblymen and we are all in agreement that we should be receiving aid this summer to begin our projects.

We look forward to an early reply.

Yours truly,

Cedar Lake Protection & Rehabilitation Dist.

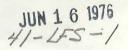
Derris Robechand / Kl

Dennis Robichaud, President

DR:kl

enc.

cc. DR, JR, RZ, RM, TC



CEDAR LAKE

INLAND LAKE PROTECTION & REHABILITATION DISTRICT

P.O. BOX 43 - KIEL, WISCONSIN 53042

June 15, 1976

Mr. Donald Winter, Acting Dir. State of Wisconsin/Department of Natural Resources Box 450 Madison, Wisconsin 53701

Dear Mr. Winter:

We are wondering if your department has decided if Cedar Lake will receive any state funding in 1976, to be used towards our bulkhead line and/or inlet-outlet.

Thank you for your time and looking forward to your comments.

Yours truly,

CEDAR LAKE INLAND LAKE PROTECTION & REHABILITATION DISTRICT

Derris Robechand / Ke

Dennis Robichaud, Chairman

DR:kl

cc. DR, JR, RZ, RF



April 2, 1976

Mr. Dennis Robichaud P. O. Box 43 Kiel, Wisconsin 53042

Dear Mr. Robichaud:

This letter will confirm our telephone conversation of March 31, 1976 regarding a lake protection and rehabilitation project for Cedar Lake, Manitowoc County.

In our February 6, 1976 letter to you it was indicated that sufficient background data has or is being collected on Cedar Lake to satisfy feasibility study requirements. It was further indicated that our office would therefore proceed with designing management alternatives for the lake as prescribed in Chapter 33, Wisconsin Statutes and Chapter NR 60, Wisconsin Administrative Code.

Our ability to design alternatives is, of course, dependent upon the availability of all existing data including that which has been collected by U.S.G.S. It is hoped that we will soon be allowed to utilize the U.S.G.S. data and then be able to design management alternatives in close cooperation with that agency and our district office.

With respect to the establishment of a bulkhead line and construction of water level control structures, these types of activities are only eligible for state cost-sharing if they are a necessary and integral part of a total lake protection and rehabilitation program. The activities must be related to the protection or improvement of the lake's water quality as may well be the case with Cedar Lake.

Also there is no apparent reason why you should not submit an application to this office for project implementation prior to the May 1 deadline specified in the Administrative Code.

3500

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Mr. Dennis Robichaud - April 2, 1976

The major items discussed in our telephone conversation should be covered in this letter. If anything of concern to you is not covered, is unclear, or if you have additional questions please contact this office at (608) 266-0408.

Sincerely, Office of Inland Lake Renewal

Donald R. Winter Acting Director

DRW:jm

cc: Senator Keppler Dale Cotter - U.S.G.S. O. D. Williams - 14 Stan DeBoer - Green Bay Ron Fassbender - Green Bay Lee Kernen - Green Bay Brian Belonger Tom Calabresa - 10 February 6, 1976

Mr. Dennis Robichand Bor 43 Kiel, Wisconsin 53042

Dear Mr. Robichand:

In accordance with Wisconsin Administrative Code, Chapter NR 60, <u>Rules</u> for <u>Public Inland Lake Protection</u> and <u>Rehabilitation</u>, the Department of Natural Resources, Office of Inland Lake Renewal, has reviewed the Cedar Lake District's request for technical assistance. It is the finding of our office that sufficient data has been presented or referred to in your application and that no further data collection is required. Lake restoration alternatives will now be developed by this office and will be forwarded to you as soon as possible.

Financial assistance applications for project implementation are acted upon by this office on May 1 and November 1 of each year. Enclosed are financial assistance application forms which must be completed prior to these dates to be considered for funding during any funding period.

Enclosed is a copy of Chapter NR 60, Wisconsin Administrative Code. Please refer to Part II Project <u>Planning</u> and <u>Implementation</u> before proceeding with your financial assistance application.

If you have any questions, please contact this office at (608) 266-0408.

Sincerely, Office of Inland Lake Renewal

Donald R. Winter Acting Director

EB: jf Enclosures cc: Ron Fassbender - Lake Michigan District 3500

December 9, 1975

Mr. Dennis Robichaud P. O. Box 43 Kiel, Wisconsin 53042

Dear Mr. Robichaud:

This letter is to acknowledge the receipt of the application for technical assistance from Cedar Lake Inland Lake Protection and Rehabilitation District by the Office of Inland Lake Renewal. If necessary, after a review of the existing data for your lake, a specific data collection program (feasibility study) will be designed and forwarded to you within approximately 30 days from the receiving date of your application.

If you have any questions, please contact this office.

Sincerely, Office of Inland Lake Renewal

Donald R. Winter Acting Director

cc: Ron Passbender - Green Bay

3500