HALF MOON LAKE PROTECTION AND REHABILTATION DISTRICT SPRING MEETING - SATURDAY JUNE 11, 1994 HALF MOON LAKE PAVILION

We opened the meeting with a demonstration, of how water is taken from the lake for water analysis, from Sherm Gardner. He stated Half Moon Lake is considered a very clear lake. It has the most clear water in the area with the exception of Deer Lake.

David Butler explained the purpose of the spring meeting. It is an informational meeting only. The annual meeting held in August is the meeting we will vote on issues.

Bev. Hoium read the minutes from the General Meeting held August 28, 1993.

David Butler discussed the boating regulations. He stated Warren Smallidge was correct on the 100' distance parallel to the shoreline when operating a motor boat at high speed. The board of commissioners had suggested 200'. We will abide by the rules of the State of Wisconsin.

The treasuer's report was read by David Butler in absense of our treasurer, Erling Voss. We have \$5235.00 on hand. There will be a more detailed report at the annual meeting.

Gordon and Eleanor Mommsen prepared the beautiful lake maps of Half Moon Lake. They are available to anyone who would like one. Shirley Dworsky suggested we leave maps at the businesses in the vicinity.

The Barr Engineering report is complete. The cost was \$13,000. The State of Wisconsin paid \$10,000 and the association paid \$3500. The lake was analyzed twenty years ago and the quality of the water is as good as it was then. David Butler has a complete analysis by Barr Engineering in a book. He has a limited number of copies of the book, so members can sign them out and return them to David after they have read the information.

There will be a meeting on Saturday June 24, 1994, at the Butler cabin for anyone who is interested or has questions as to what options we have on the wetlands. John Lenander will be there to discuss this. David Butler indicated we have on

option to buy forty acres on Tamarack Bay if this land is ever sold. This land is owned by Douglas Voss.

Gordy Mommsen, chairperson of the wetlands committee gave a report on identifying what is the wetlands, prioritizing in importance, and determing how we can control the wetlands. He talked on how important it is to preserve the wetlands. There is nothing concrete as what we should do. The most important one is Harder Creek. We are looking at grant money for this project.

Doris Christopherson reported on the dam level. She indicated the water is down right. now.

The association picnic was discussed. Jim Smith will not be available to chair the event this year. There was not enough interest to have a picnic, so we cancelled the picnic, for this year.

Shirley Dworsky volunteered to work on a picnic for next year. Volunteers were requested to help. If someone would like to help with the picnic they should contact Shirley. David Butler explained the social events should not come under the Half Moon Lake Protection and Rehabilitation District Board of Commissioners. We could have a Lake Associations committee that takes care of social events.

There was discussion about a lake clean up to be held the last weekend of August. There seemed to be a consensus of the group that we should hold this again, so we will be doing that. We will ask Phil Siegle to be chairperson of that committee.

Steve Melena gave a presentation on shoreline protection.

Gerald Hanlos is the new representative from the county.

The Polk County Fair will be held July 23, 1994. It will be held near the Paradise Supper Club.

There was a discussion on getting history of the lake. It was suggested we get a committee of "old timers" to put a history together.

David Butler reported on the Half Moon Lake Yacht Club. We now have three

radio controlled sail boats racing in it.

Mary Martha Butler gave a report on the loons on Half Moon Lake. Baby loons were hatched on Monday June 6, 1994. Mom & Dad Loon were on the lake as we were having the meeting, proudly showing off their two new offsprings. Gordy gave a report on the platform and the nest for the loons.

Walt Gretsfeld gave a fishing report. The Indians were to put in 3000 walleyes. 5" to 6" fingerlings. They removed 63 walleyes spear fishing. The biggest walleye speared was 5 lbs. There is one adult walleye per acre now. Ten years ago there was three adult walleyes per acre.

The meeting was adjourned at 11:14 A.M..

Respectfully submitted,

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Bev. Hoium

DAVID J. BUTLER ATTORNEY AT LAW

DORINDA K. ANDERSON Legal Assistant Richfield Bank & Trust Bldg., Suite 526 6625 Lyndale Avenue South Richfield, MN 55423

Telephone (612) 869-7123

Telecopier (612) 869-0570



June 28, 1994

Erling Voss 1293 County Road G Milltown, WI 54858-2910

Dear Erling:

Enclosed is an invoice from Barr Engineering Company in the amount of \$700.00. This appears to be the balance due on our contract with them for the report. I would recommend you pay it.

With best personal regards,

David J. Butler

DJB:dka

cc: Beverly Hoium

NOW ACCT 9/ 1/93 Through 8/27/94

HALFMOON NOW 8/24/94 Page 1

	Date	Nu	Description	Memo	Category	Clr	Amount
			DME/EXPENSE NCOME INTEREST				
1 1 1	9/12/93 0/10/93 1/10/93 2/12/93 1/10/94 2/10/94 3/10/94 4/10/94 5/10/94 6/12/94 7/10/94 8/10/94			POLK COUNTY B	INTEREST EARNED	X X X X X X X X X X X	2.05 2.28 3.79 2.93 2.12 2.17 1.95 2.88 2.75 2.24 2.08 2.11
			TOTAL INTEREST				29.35
		T	OTAL INCOME				29.35
\cup		EX	KPENSES ADMINISTRATION				
	8/16/94	199	DAVID BUTLER	STAMPS, LETTE	ADMINISTRATION		-602.27
			TOTAL ADMINISTRATION			115	-602.27
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1	9/13/93 0/20/93 2/ 2/93 3/30/94 5/ 5/94 7/ 1/94 8/16/94			MMA ACCT FROM MMA ACCO FROM MMA ACCO TRANS MMA 320 FROM MMA ACCT FROM SAVINGS MMA ACCT	TRANSFERE TRANSFERE TRANSFERE		1,000.00 5,000.00 2,500.00 2,300.00 2,200.00 700.00 600.00
			TOTAL CASH TRANSFERE				14,300.00
			Donation				
	6/23/94	197	POLK CO CONSERVATI	LAKE FAIR	DONATION		-50.00
			Total Donation				-50.00
			HALFMOON EXPE				
	0/25/93 1/ 8/93		KEN KELLOGG KENNETH KELLOGG		HALFMOON EXPE HALFMOON EXPE	X	-75.00 -25.00

NOW ACCT 9/ 1/93 Through 8/27/94

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Page 2

	Date	N	um Description	Memo	Category	Clr	Amount
	1/21/94 4/27/94			BEAVER REMOVA BEAVER REMOVA	HALFMOON EXPE HALFMOON EXPE	X	-25.00 -25.00
			TOTAL HALFMOON EXPE				-150.00
			LAKE STUDY				
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			PRINTING				
	9/13/93	184	DALE PRINTING	LAKE MAPS	PRINTING	Χ	-505.87
			TOTAL PRINTING				-505.87
		T	OTAL EXPENSES				253.26
		TOTA	AL INCOME/EXPENSE			-	282.61

Half Moon Lake Protection and Rehabilitation District Annual Meeting Saturday August 28, 1994 10:00 A.M. Half Moon Lake Pavilion

The meeting was called to order by David Butler.

The secretary's report was read. There was one correction. The Polk County Lakes Fair was referred to as the Polk County Fair. After the correction was made the minutes were approved.

The treasurers report was read by Erling Voss.

As of the August 10, 1994 statement there is \$2655.68 in the MMA savings and \$1256.75 in the NOW checking account for a total of \$3912.43.

Erling passed out a summary of all the transactions to everyone present.

Doris Christopherson questioned the beaver removal. David explained why the beavers had to be periodically removed in the Harder Creek area. Kenny Kellogg has to tear the dams down because the water floods the road. Our long range plan is how to control the water level.

Election of Board of Commissioners: David explained the by-laws now provide we have 5 commissioners. One appointed by the county which is Gerald Hanlos. One appointed by the township which is Bruce Christiansen. Wisconsin legislator's changed the law this year stating there can now be 5 commissioners on the association around the lakes. Our group is recommending the by-laws be changed to 5 from 3 elected people on the board. A motion was made to have by-laws ammended to change the number of Board of Commissioners from 3 to 5. It was approved unnanomously by a show of hands. One commissioner must be a resident of the lake. Sherm Gardner will be the nominee as the commissioner who is a resident of lake, for a 3 year term. Erling Voss was unable to serve another term because he has moved from the lake. David thanked Erling for all of the work he has done on the board. The other two nominees are Dana Gautier (2 years) and Art Mc Mahon Jr. (3 years) A motion was made and seconded to accept the commissioners.

Kent Banks gave a summary of the Barr Engineering report. Kent talked about the quality of the water. David suggested to sign out the book Barr Engineering has put together for us.

Sherm Gardner gave a report on what he has been doing this summer in addition to the Barr Engineering program. It is administered through the State Conservation Dept. Lake associations who participate are provided with equipment and free testing. Sherm is the delegated representitive for this.

Phil Siegle reported on the lake area cleanup. We have had a cleanup of the lake area for the past two years. Phil noted the dumpster was already full. We will need to order another dumpster. This clean up was really intended to clean up around the lake and not for everyone's junk. The price to discard a car tire is \$2.00, truck tire \$5.00, tractor tire \$10.00 Refrigerator or air conditioner \$25.00. (because of freon) This is what it costs the lake assn. to dispose of it. We are requesting everyone to be on the honor system. You can write a check to David and he will

give it to the new treasurer. The board will have to reconsider what to do next year if it is used for the other neighbors as a dumpster. We are not sure we are accomplishing what we wanted to. It is costing approximately \$1.00 per home owner. It was suggested perhaps people would just throw the junk in the ditches if we did not have it.

Gerald Hanlos explained zoning laws. To build closer than 75 ft to the lake you must get an approval from the board of adjustments.

Shirley Dworsky reported on the 1995 all lake picnic. It was suggested by the committee it should be held on the same day as the assn meeting. We voted on the month to have the picnic June, July or August? It was decided to have the picnic and annual meeting in the middle of August. David thanked Shirley for all of her good work.

Martha Mc Mahon commented on the writing of the history of the lake. We are still planning to have a book on the history of Half Moon Lake.

Gordy Munson reported on the buffer zone around the lake. He gave a history of the study on the wetlands and how valuable they are to keep the quality of the lake. Gordy passed maps out with the importance around the lake.

Phase II of Barr Engineering will show the cost of improvement. Study potentially will show everything that is necessary to apply to the State of Wisc. for a grant. The board is recommending to go ahead with the study to identify which wetlands are the most important. We would like to start so it would be ready in time to be submitted to the DNR for grant purposes. We want to preserve what we have in the wetlands now on the lake through various tools.

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David read a letter from John Wolf, offering his services to help in the study with the help of Marvin Turner, who is a retired employee of the U.S. Park Services from St Croix, at a much less fee. The board will take this up at the next commissioners meeting.

The budget was presented: \$1000 for lake maps, telephone calls and operating expenses. \$3500 for lake study. \$2000 for future land aquisitions. (we are starting to build a fund) There is now \$4000 in the treasury. The budget will be \$6500 this year. It was first, seconded and approved.

David requested we sign up if any one would like to be on the advisory board from the people around the lake.

The meeting was adjourned at 11:31.

Respectfully submitted, Bev. Hoium

HALF MOON LAKE PROTECTION AND REHABILTATION DISTRICT BOARD OF DIRECTORS FALL ANNUAL MEETING AUGUST 28, 1994

Those present:

David Butler, Sherm Gardner, Dana Gauthier, Bev. Hoium & Art McMahon

We met at David Butler's cabin..

The meeting was opened by David Butler for the election of officers. They are as follows: David Butler, Chair. Art McMahon, treasurer & Bev. Hoium, secretary.

We welcomed Sherm Gardner, Dana Gauthier and Art McMahon, the new members of the board.

A motion was made, seconded and passed to hire Barr Engineering to do another study.

It was decided we will not pay for the removal of beavers this year, as there are no beavers around the Harder Creek area at the present time.

We approved paying \$60.00 to Ken Kellogg for providing equipment and labor to clean the trash on 120th St.

There was a discussion on the situation of David Anderson construction pumping out of the foundation of a newly built home the dirty muddy water into the lake.

David Butler will contact the zoning office in regard to this and request a citation.

Meeting dates were decided on for the Spring Meeting and the Annual Fall Meeting: Spring Meeting: June 10, 1995
Annual Fall Meeting: August 12, 1995

The meeting was adjourned.

Respectfully submitted,

Bev. Hoium

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plus Bruce
christensen

Half Moon Lake Protection and Rehabilitation District of gray Hands Report to Commissioners November 23, 1994

It doesn't look as though we will be able to have a meeting of the Board of Commissioners before the first of the year so I thought I would give you a report as to what has been going on. I report the following:

- I have been meeting with Jon Lennander of Barr Engineering in preparation of the application for our next study grant. This grant will be geared toward establishing a rationale and a plan for acquisition of easements to protect the wetland and bog areas. The application has to be in by February 1, 1995.
- 2. We found that we had not received our last \$2,000 payment from the State on the first grant so we are in the process of filing our request for payment for the balance of the funds from that grant program.
- 3. We have notified the township clerk of our request for \$6,500 from the next tax levy. We will receive half of these funds in March, 1995 and half near the end of 1995.
- 4. I met the new supervisor of the Balsam Lake Branch Watershed District at the last meeting of the Advisory Committee. Sherm Gardner also attended the meeting held in Balsam Lake.
- 5. We have been in touch with the president of the Polk County Association of Lakes and have advised them to put Sherm Gardner and Art McMahon on their mailing list.
- 6. Sherm Gardner reports that the board has been taken out of the dam and no beavers have moved into the Harder Creek area so there is nothing we need to do in regard to exterminating more beavers this fall.
- 7. I will be in touch with Shirley Dworsky about the August 12 picnic. I would like to see us consider having some demonstration projects at the picnic such as ideas for creating buffer zones along the lake front, demonstrations on types of fertilizer that should be used on lawns and ideas about building shore bank protection from field rock and rip rap.
- I will plan to get out a newsletter in 1995.
- 9. I will be in touch with Rick Cornelius of the DNR concerning plans for stocking walleye in 1995. I also plan to be in touch with the biologist from the St. Croix Chippewa Tribal Fish Hatchery concerning their stocking of walleye in 1995.
- 10. I have had discussions with Bob Wilson, Park Director for Polk County, and with Jeff Timmons, Manager of the Polk County Land

Conservation Department, concerning the county's willingness to hold the easements that we might acquire in the future. The county is reviewing the matter to determine what their participation might be.

- 11. Bob and Steve McMahon have agreed to prepare a report on the bog areas that can be a part of the Barr Engineering study. They have walked the areas extensively and are familiar with the flora and fauna in the area.
- 12. Martha McMahon and Art McMahon are proceeding with their accumulation of historical data with the idea of publishing a history of Half Moon Lake.
- 13. I have talked with Jack Wolf, retire appraiser who lives on the north end of Half Moon Lake. He had written to me offering his services as an appraiser for acquiring easements. I told him we were not in a position to do anything yet but we would talk to him at a later time.
- I have talked with some of the people in the county courthouse concerning the availability of field rock for use in building up banks along the shorelines. There is some possibility of building up an inventory of farmers who may have rocks available if lake shore property owners want to acquire the rocks themselves and build up their own banks. there are contractors available who can perform the service. We need to look at alternatives so that we do the best job possible in building up our lake shore around the lake. I visited my old lake of Clear Lake, Iowa a few weeks ago and was dismayed to see so many cement walls having been constructed around the lake. I think the DNR feels strongly that these cement walls are very destructive in that they cut out all migration of animal life in and out of the water. We need to be cognizant of that as we help people decide on what type of shore bank protection is best.
- 15. Sherm Gardner is continuing to take samples of water from the lake to determine the clarity and the quality of the water. Samples are being forwarded to the DNR lab for analysis. This is being done under the DNR self-help program.
- 16. I have met with Gary Spidel, Administrator of the Polk County Zoning Commission. He feels there is nothing that can be done under the present zoning laws to monitor contractors as they build new properties around the lake. He said there would need to be a change in the zoning ordinance that would require a contractor to obtain a building permit before excavation was carried on that might affect the lake. At the present time, the only thing we can do is monitor contractors as they are building in the area and encourage them to be cautious so that no materials are disposed of into the lake and run off is kept to a minimum.

17. I have written to David Anderson Construction about the matter of not dumping waste water into the lake during construction projects.

I hope all of you will do some independent thinking about what we ought to be doing around the lake. I would appreciate it if each one of you would write me a letter giving me your reactions on what we are doing and giving me your ideas as to what we ought to be doing differently. I want to make sure we utilize the full talents we have on our Board of Commissioners. I would appreciate hearing from each of you.

We should try to get together some time in the winter to exchange ideas. Possibly we could meet in Minneapolis.

With best personal regards,

David J. Butler, Chairman

HALF MOON LAKE PROTECTION AND REHABILTATION DISTRICT BOARD OF DIRECTORS FALL ANNUAL MEETING AUGUST 27, 1994

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Half Moon Lake - Annual Meeting - Ang 27,1994

Name Address Phone

DON CROES 311E. Division River FALLS wis. 425-2602 Sherm Laidner
Bon & mary Palmer 5229 28 th due Do 55417 724-4674 KENT BANK 7 CIRCLE EAST, EDINA MN 55436 612-920-4971 715 825-3490 Phil Jugle 3429 Dellside RO-White Ben Lk (612) 770-9132 Bull+Katio Winn 1257 Breazy Bay CT. Bulsim Lake Wi54810 715-825-3280 Dore Chritaffen 6985 Langford Ct Celera, Mm55436 6/29352834 ART & MARTHA MCMAHON MASON City, IA 50401-1725 (515)424-1402 Steve + Karen Meleng 1991 Elgenater Bie And 5512 (612) 631-1824 (612) 897 -040Z Bob Lew A ATSON 1914 PREEZy by RD 715.825.31. Richard Eschbach 3959 Schultz Rd. Duluth MM. 55803 218-721-3879 715.828.312 Larry Marine Morth 1916 Breezy Bay Rd. B.Z. 54810 715-825-3745 Warren Smallidge 1579 County K New Richmond, Wi. 715-246-5554 De Carlson 1395 E. 6th At St. Paul 1678 E. Sherwood tre 612-771-0594 612-776-8875 Jane Carlson 4101 York Avenue S. +k, Mpls 55410 (612) 926-7728 John + Angela Misner Bot Nese 6808 Dakota Trail Edina un 55439 612 941.5429 Wafter marvel Getstel 904 Christensen W ST Saufm 612-457-5696 I wa Harther 3652 Windher Dr. Eugan 484-8756 Soure Saad 1900 Breezy BAY Rd. BALSHM LAKE, 825-2510 825-2560 1925 1201255- BASENSKIE Jim Smith Tom Diece exich 1782 EleAnop Av. ST. Pauf My SSIL (612)6903926

JOB + DOLLY ELM 2196 MARILLAL LN, ST PAUL G12-735-3706 Floriain & Mary Ann Lauer 1936 Tatum St., ST. Paul, 55113 (612)645-1634 FRED + Marcia KREBSBACH 5400 NW 555 V Rockester 55901 289-0931 GORDON MOMMSEN MPCS MN 612 5376654 SHIRLEY DWORSKY ST PAUL MN 612 698-5595 PAUL 9 MARY VIEROW 19466 OECKEDR, PRIOR LAKE, MD 612-447-1513 BILL IGOE 10519 MARYLAND RD 612-944-7981 Dan Potter 1336-300th Ave 715-835-4286 CRAIG & DAWN Johnson 1581 Sharon DR, N. MANKATO 507-386-0478

advisory committee TU 218-721-3879 Dick Eschback Breezy BAY 825-3382 Cabin 825-3745 825-3717 825-3717 207-289-0931 Steve Melena Fred Trebs back Osear Da 507-386-0478 825-2508 612-944-7981 Louie SAAd 825-2510

HALF MOON LAKE PROTECTION AND REHABILITATION DISTRICT

AUGUST 27 1994

1994-95 PROPOSED BUDGET

OPERATING EXPENSES 1,000.00

LAKE STUDY 3,500.00

FUTURE LAND

ACQUISITION FUND 2,000.00

TOTAL \$6,500.00

MEMO Half Moon Lake

I talked with Rick Cornelius in the DNR office in Barron on June 22, 1994. He said the St. Croix tribe biologist is Beth Greiff. She is in Hertel, Wisconsin at 715-349-2195. He said that the Indians speared 30 walleyes in 1994 plus 14 other fish. He said their quota was 110. He said if they did no spearing at all, the bag limit on Half Moon Lake would be 5. He said that if the Indians did any spearing, the bag limit is reduced to 3. as the Indians do not take more than 60 walleyes, the bag limit stays at 3. If they were to have opted to take more walleyes, the bag limit would have been zero. The Indians could have taken 110 under the present quota He felt the Indians made an attempt to stay within the allotted numbers so the bag limit would not be reduced to less than 3.

He said the DNR will be doing a fish count in the fall.

The DNR did some fish stocking last year and will again do some in 1994. They plan to put in 28,950 fingerlings. He said they still have not determined the effect of the stocking. He said a walleye fingerling should reach the 15 inch length in 4 to 5 years.

He said that walleye spawning grounds are sometimes covered over with siltation. He said in his opinion, however, the rock and the sand in the Half Moon Lake area still looks good. He said another theory is that the bass as they produce crowd out the walleye. He said that has happened on a lot of other lakes. He said Half Moon Lake had no walleye prior to 1930 when they started stocking. He said it may be that the lake is just returning to its state before they started the stocking.

I asked about walleye spawning in the creeks and he thought it might have happened but it would have been insignificant in terms of numbers.

He said the Indians stocking the 5 to 6 inch walleyes was a fluke because they happen to have had extras in their spawning ponds and it probably will not happen again. He thought that the Bureau of Indian affairs probably has funds that does most of the funding for the Indians stocking program. He said there was money from the gambling casinos going into the Indian tribes but he hadn't heard of any money going into the walleye stocking program.

Jan Lemander report - 1994 No grablem, Maintoin what we have Better water quality in wet years. Farms not critical Diocharge 700 acres ft of water 700 acres ft of wate More nitrogen in water than Souts can use. Algal affects clarity, Phosphorus affects algae, DNR did water quality study in 1993. Daphnia sat algae. Muskie sat small fish o Cranberry charge not soused by water quality. Yard fertilizer - use nar zhosphoms. test. Septre system. Small amount of the source of shoophous Dissolut Thosphorus. Sorticulate shorthour - settles to bottom, factor doesn't feel boots string up water is a strong Harder Creek or other watershed. 1. Lake Carrenotion office.

2. waterhed Steering Committee to work with formers.

3. Buffer stripes 4. Stormwaters holding ponds

4. Stormwaters holding ponds

(Commission guill be studying what to so.

2. Palh ty Fair - July 24.

7. Ordinarce se development

of water shed area. of water shed area. 8. Cake Slamming grant available.

Passible studies - Lemande report. 1. Septice surrey? 2. head study - narraphite samples

3. long, term monitoring, grogram.

4. Shoreline stabilifation grogram.

Meeting - June 25,1994 Keport on Ban Eng. Report Phone Name (BOOK) 612-930-3012 David + Annemeria Bryan Marylan Lacer 4 Mbran (Book - returned. (612) 645-1634 Chack Keissell (WZ 825-2366 Florion Fauer (book-returned) Bill Lgoe 612-944-7981 BOB + DOLLY ELM 612-735-3706 612-488-2207 Vim Dey 715-246-5554 (825-3420) Warren DWallinge GORDON MOMMSEN 8254206 612-588-5370

Threw Dick Ruschoff Kent Bank 612-920-4336/715-825-3470

612-459 0667 ART & MARTHA MCMahoN

Jerry KAFKA

Dick Hoeum 612 - 560 - 0055

Leone (aylor (Book) 825-2549

Jan Lemander reported.

NOW ACCOUNT 9/ 1/93 Through 6/10/94

FMOON NOW 3/10/94

Date	Num	Description	Memo	Category	Clr	Amount
	BALANCE	8/31/93				974.14
9/12/93		Interest Earned			Χ	2.0
9/13/93			TRANSFERE FRO	Other Inc	Χ	1 , CCXO , CX
9/13/93	184	DALE FRINTING	LAKE MAPS	FRINTING	X	-505.87
LO/10/93		Interest Earned			X	2.26
10/20/93	185	BARR ENGINEERING	INV #4949005	LAKE STUDY	X	-5 ₄ 000,00
10/20/93			FROM MMA ACCO	TRANSFERE	X	5,000.00
LO/25/93	186	SHERM GARDNER	WATER TESTE	LAKE STUDY	X	-15.00
10/25/93	187	KEN KELLOGG	3-BEAVER REMO	HALFYOON EXFE	X	-75.CC
10/26/93	1(%)	SHERM GARDNER	WATER TEST FO	LAKE STUDY	Χ	Ei CXC
L1/ 8/93	189	KENNETH KELLOGG	BEAVER REMOVE	HALFMOON EXPE	Х	-25.00
11/10/93		Interest Earned			X	3.79
12/ 2/93			FROM MMA ACCO	TRANSFERE	X	2,500.00
2/ 2/93	190	BARR ENGINEERING	INVOICE #4949	LAKE STUDY	Х	-2,500.00
L2/12/93		Interest Earned			Χ	2.93
1/10/94		Interest Earned			X	2,12
1/21/94	191	PAUL PETERGEN	REAVER REMOVA	HALFYOON EXPE	X	-25.00
2/10/94	als I she	Interest Earned	destruct 1 v tend 3 1 Mond Feet 7 1 F	1 B Band I Professor 1 Breez St. Jones	X	2.17
3/10/94		Interest Earned			X	1.96
3/30/94		at 1 t Service 1 See 1007 See . Associated 1 t See Seet	TRANS MMA 320	TEANGETE	X	2,300.00
3/30/94	100	BARR ENGINEERING	INV #494005-3	17 1011 MARIN DESIGNATION CO.	X	-2,300.00
4/10/94	the Estin	Interest Earned	THA BLANDONE TO	had Walan and I hadded I	X	2.89
4/27/94	107	SHERM GARDNER	WATER SAMPLES	LAKE STUDY	X	18.60
4/27/94		KENNETH KELLOGG		HALFYOON EXFE	X	-25.00
5/ 5/94	T. / L	Fidual William 13-1 - Fidualisakus A. A., S.	FROM MMA ACCT		Х	2,200.00
5/ 5/94	1 (2)(3)	BARR ENGINEERING	INV # 4949005		Δ	-2,200.00
5/10/94		Interest Earned	INV TO STATISTICAL	LANE STOLY	Χ	2.75
	TOTAL.	97 1/93 - 6/10/94			*****	328,45
	BALANCE	6/10/94				1,302.59
	And Barrel B Theofice					ale il control dans II tor
	TOTAL I	NFLOWS				13,022,92
	TOTAL C	LTFL.CWS			***	-12 ₃ 694.47
	NET TOT	AL.			****	339.45
		70 7	1 01		****	
		SAVINGS 393	2.82			
	,	CHECKLING 130 TOTAL 5,2	2.51			
	(HELLING				
		B- ()	24.41			
		101M 5.1	, ,			

SAJ.w6 > CHECKING ACCOUNT 9/ 1/93 Through 6/10/94

SLFMOON MMA 5/10/94

Date	Num	Description		Category	Clr	Anount
	FALANCE	8/31/93				16,731.53
9/12/93 9/13/93 10/10/93 10/20/93 11/10/93 12/12/93 1/10/94 2/10/94 3/10/94 3/30/94 4/10/94 5/ 5/94 5/10/94		Interest Earned TRANSFERE TO NOW A Interest Earned TRANSFERE TO NOW A Interest Earned TRANSFERE TO NOW A Interest Earned Interest Earned Interest Earned Interest Earned TRANSFERE TO NOW A Interest Earned TRANSFERE TO NOW A Interest Earned TRANSFERE TO NOW A Interest Earned		TRANSFERE TRANSFERE TRANSFERE TRANSFERE TRANSFERE	X X X X X X X X X	41.60 -1,000.00 32.56 -5,000.00 26.54 -2,500.00 16.81 17.77 16.09 -2,300.00 15.95 -2,200.00 11.67
	BALANCE	6/10/94				3,932.82
	TOTAL I	NFLOWS JUTELOWS			,	201,29 -13,000.00
	NET TOT	TAL.				-12,798.71

HALF MOON LAKE PROTECTION AND RE-HABILITATION DISTRICT SPRING MEETING SATURDAY JUNE 11, 1994 HALF MOON LAKE PAVILION

We opened the meeting with a demonstration of how water is taken from the lake for water analysis from Sherm Gardner. He stated Half Moon Lake is considered a very clear lake in the area. It has the most clear water in the area with the exception of Deer Lake.

David Butler explained the purpose of the spring meeting. It is an informational meeting only. The annual meeting held in August is the meeting we will vote on issues.

Bev. Hoium read the minutes from the General Meeting held August 28, 1993.

David Butler discussed the boating regulations. He stated Warren Smallidge was correct on the 100' distance parallel to the shoreline when operating a motor boat at high speed. The board of commissioners had suggested 200'. We will abide by the rules of the State of Wisconsin.

The treasurr's report was read by David Butler in absense of our treasurer, Erling Voss. We have \$5235.00 on hand. There will be a more detailed report at the annual meeting.

Gordon and Eleanor Mommsen prepared the beautiful lake maps of Half Moon Lake. They are available to anyone who would like one. Shirley Dworsky suggested we leave maps at the businesses in the vicinity.

Barr Engineering's report is complete. The cost was \$13,000. The State of Wisconsin paid \$10,000 and the association paid \$3500. The lake was analyzed twenty years ago and the quality of the water is as good as it was then. David Butler has a complete analysis by Barr Engineering in a book. He has a limited number of these books, so members can sign them out and return them to him after they have read the information.

There will be a meeting on Saturday June 25, 1994, at the Butler cabin for anyone who is interested or has questions as to what options we have on the wetlands. John Lenander will be there to discuss this. David Butler indicated we have an option to buy forty acres on Tamarack Bay if this land is ever sold. This land is owned by Douglas Voss.

Gordy Mommsen, chairperson of the wetlands committee gave a report on identifying what is the wetlands, prioritizing in importance, and determining how we can control the wetlands. He talked on how important it is to preserve the wetlands. There is nothing concrete as what we should do. The most important one is Harder Creek. We are looking at grant money for this project.

Doris Christopherson reported on the dam level. She indicated the water is down right now.

The association picnic was discussed. Jim Smith will not be available to chair the event this year There was not enough interest to have a picnic, so we cancelled the picnic. Shirley Dworsky volunteered to work on a picnic for next year. Volunteers were requested to help. If someone would like to help with they should contact Shirley. David Butler explained the social events should not come under the Half Moon Lake Protection and Rehabilitation District Board of commissioners. We could have a Lake Association that takes care of social events.

It was decided to have a lake clean-up on August 27 to August 29, 1994. It will cost \$20.00 for a appliance which is not part of the clean-up project.

Steve Molina gave a presentation on shoreline protection.

Gerald Handlos

Jerry Hanlos is new representative from the county.

The Polk County Fair will held July 23,1994. It will be held near the Paradise Supper Club.

A discussion on getting history of the lake. It was suggested that we get a committee of "old timers" to put a history together.

David Butler reported on the Half Moon Lake Yacht Club. We now have three radio controlled sale boats racing in it.

Mary Martha Butler gave report on the loons on Half Moon Lake. Baby loons were hatched last Monday June 6, 1994. Mom & Dad loon were on the lake as we were having the meeting, showing off their two new offsprings.

Gordy gave a report on the platform and the nests for the loons.

Walt Gretsfeld gave a fishing report. The Indians were to put in 3000 walleyes. 5"-6" fingerlings. They removed 63 spear fishing. The biggest walleye speared was 5 lbs.

There is one adult walleye per acre now. Ten years ago there was three adult walleyes per acre.

The meeting was adjourned at 11:15 A.M.

Respectfully submitted,

Bu Houm

Bev. Hoium, secretary

Half Moon take neeting - June 11, 1994. Name Address Phone # Bob Houck 1315 200th St 825-4436 Due Achneider 1305 200th st 825-4532 don Werho 1/90 + 200 825-2352 Sherm Navey Sardner 85-2163 Koreen: Al Theisen 476(?) Bleezy Bay Rd 715-549-5615 Jim Sargon 1251 Breezy Bay Ct
Maximus Larry north 1916 Breezy Bay Rd 825-3147 825-3745 R.a. Buschoff Dick Hough Jorde Mommsen 8254206 Hom Tennantas 825 3175 Bile + Katri Winn 825-3880 DON ? SHEILA WALDOCH 825-4192 Shirley Dworshy 125-2339 Wally or marvel Stritefeld 825-3467 Mory Ann & Florian Janes 7 3639 Nour Chutofferse LEG & TOOTS SCHWARTZ 835-2547 Donna Stylmuzemski 825-37-13 Joure Saad 825-2510 Darlene Tensen 825-4384 July Place 825 -4384 Steve Melena 1964 Breezy Bay 825-3717

Half Moon Lake Protection and Rehabilitation District Meeting of the Board of Commissioners May 14, 1994

Present:

David Butler Chairperson
Erling Voss Treasurer
Bev. Hoium Secretary
Sherm Gardner
Gordy Mommsen
Walter Gretsfeld
Phil Siegle

We met at David Butler's cabin.

The meeting was called to order by David Butler.

Minutes of the Nov. 6, 1993 were read and approved.

Treasurer's report was read and approved. (See attachment)

Barr Engineering's written report is ready for distribution. There will be a report at the spring meeting. They will recommend the long term care of the lake.

The picnic will be held Saturday July 9 at the public beach. Jim Smith is the chairperson.

Spring meeting will be June 11 at 10:00 A.M. at the public beach pavilion.

Annual meeting wil be August 27 at 10:00 A.M.at the public beach pavilion.

Phil Siegle will be in charge of the clean up of the lake area if it is decided to do this again this year. We will bring it before the membership meeting for a vote. Tentative dates are August 27-29, 1994

Gordy Mommsen built a platform for the loon nest. It was placed on the shore of the bog on Hoium & Ruschoff property.

The meeting was adjourned to walk the Harder Creek area.

Respectfully submitted,

Bev. Hoium, secretary

Selected Accounts 13/94

Acct		5/13/94 Bal <i>a</i> nce
ASSETS		
Cash and Bank Accounts HALFMOON MMA HALFMOON NOW		3,932.82 1,302.59
Total Cash and Bank Accounts		5,235.41
TOTAL ASSETS	-	5,235.41
LIABILITIES & EQUITY	-	
LIABILITIES EQUITY		0.00 5,235.41
TOTAL LIABILITIES & EQUITY		5,235.41
	-	

CHECKING ACCT 9/ 1/93 Through 5/13/94

HALFYOON NOW 13/94

Date	Num	Description	Meno	Category	Clr	Amount
	BALANCE	8/31/93				974.14
9/12/93		Interest Earned			Х	2.05
9/13/93			TRANSFERE FRO	Other Inc	X	1,000.00
9/13/93	184	DALE PRINTING	LAKE MAPS	FRINTING	Х	-505.87
10/10/93		Interest Earned			Х	2.28
10/20/93	185	BAFR ENGINEERING	INV #4949005	LAKE STUDY	Χ	-5,000.00
10/20/93			FROM MMA ACCO	TRANSFERE	Χ	5,000.00
10/25/93		SHEEM GARDNER	WATER TESTE	LAKE STUDY	Х	-15.00
10/25/93		KEN KELLOGG		HALFMOON EXPE	X	-75.00
10/26/93		SHERM GARDNER	WATER TEST FO		Χ	-5.00
11/ 8/93	189	KENNETH KELLOGG	BEAVER REMOVE	HALFYDON EXPE	Χ	-25.00
11/10/93		Interest Earned			X	3.79
12/ 2/93			FROM MMA ACCO		X	2,500.00
12/ 2/93		BARR ENGINEERING	INVOICE #4949	LAKE STUDY	X	-2,500.00
12/12/93		Interest Earned			X	2.93
1/10/94 1/21/94	101	Interest Earned PALL FETERSEN	BEAVER: REMOVA	HALEMOON EVEC	X X	2.12 -25.00
2/10/94	171	Interest Farned	DEHACK LEUNAH	LHTLINOIA EVLE	X	2.17
3/10/94		Interest Earned			X	1.95
3/30/94		Interest Edines	TRANS MMA 320	TEXANGERE	X	2,300.00
3/30/94	192	BAFF ENGINEERING	INV #494005-3		X	-2,300.00
4/10/94		Interest Earned	ANN THE PROJECT OF	had Britan to 1 to day 1	X	2.88
4/27/94		SHERM GARDNER	WATER SAMPLES	LAKE STUDY	X	-18.60
4/27/94		KENNETH KELLOGG	BEAVER REMOVA		X	-25.00
5/ 5/94			FROM MMA ACCT		Χ	2,200.00
5/ 5/94	195	BARR ENGINEERING	INV # 4949005			-2,200.00
5/10/94		Interest Earned			Χ	2.75
	TOTAL	9/ 1/93 - 5/13/94				329.45
	BALANCE	5/13/94				1,302.59
	TOTAL I	NET MUS				13,022.92
	TOTAL O					-12,694.47
	NET TOT	AL.				328.45

SAVINGS ACCOUNT 9/ 1/93 Through 5/13/94

HALFMOON MMA

Date	Num	Description	Memo	Category	Clr	Amount
	BALANCE	8/31/93				16,731.53
9/12/93 9/13/93 10/10/93 10/20/93 11/10/93 12/ 2/93 12/12/93 1/10/94 2/10/94 3/10/94 3/30/94		Interest Earned TRANSFERE TO NOW A Interest Earned TRANSFERE TO NOW A Interest Earned Interest Earned Interest Earned Interest Earned Interest Earned Interest Earned	CHECKING ACCO	TRANSFERE TRANSFERE TRANSFERE	X X X X X X X	41.60 -1,000.00 32.56 -5,000.00 26.54 -2,500.00 22.30 16.81 17.77 16.09 -2,300.00
4/10/94 - 5/ 5/94 5/10/94		Interest Earned Interest Earned	NOW CHECKING	TRANSFERE	X X X	15.95 -2,200.00 11.67
	TOTAL.	9/ 1/93 - 5/13/94		*	-	-12,798.71
	BALANCE	5/13/94				3,932.82
	TOTAL I				-	201.29 -13,000.00
	NET TOT	AL			-	-12,798.71

Addendum to Minutes of the Board of Commissioners May 14, 1994

After the adjournment of the meeting, the Wetland Committee met with Ed Slaminski of the DNR and we walked the Harder Creek area, the Tamarack Bay area and the Bog area. The general conclusion of Ed Slaminski was that the beavers in the Harder Creek area had created a very good situation in creating holding ponds. He didn't see any reason to change what we now have. We talked about digging out a holding pond area north of Harder Creek and he said that the DNR was not encouraging that kind of a siltation holding pond because when you went into the area to talk out the silt, it stirred up a lot of silt and that then ran into the lake and so it was counterproductive. We talked about raising the level of Dow Road where it crosses Harder Creek so that the water level could be kept up to its present level without impeding traffic on Dow Road. We need to explore this possibility further with Milltown Township.

Ed Slaminski said that he was not concerned with development on the higher levels of the exteriors of the Harder Creek area. He felt the development in those higher areas would not cause problems with the creek. His concern was with the actual creek bed area and he felt that it would be wise to obtain easements restricting any developments in that area.

Richard deiser met with us and led us through the Harder Creek area. He advised us that he would not allow any further dynamiting of the beaver dams. We tried to assure him that we had no intent of doing that again. Apparently the township had done that a few years ago with the approval of the DNR. At that time, silt ran into the lake after the dynamiting had occurred. Deiser was quite upset that we had allowed people to shoot some of the beaver and he said that we would not be able to get the trapper to do any further work for us. Erling Voss said he knew of someone who would be willing to trap the beaver for us at no cost because the cost of the pelts has started to go up.

We also met with Dick Mcklain. He showed us the area of the creek where it goes through his property. The dams on his property are much smaller than the big dam on Geiser's property. He said that walleyes are suckers used to come up the stream years ago before the beaver dams were built.

I had the idea of acquiring title to all of the Harder Creek area and putting a walking path on each side of the creek.

We discussed who would own the property, the Lake Association, the Township, the County or the State. Ed Slaminski said that the state would probably not be interested in acquiring this small tract of property. I need to check with the county to see if they

have any park commission that would be interested in acquiring this kind of property for a park.

I need to talk to Dana Gaultier about Ed Slaminski's comments about the siltation pond.

We went over to the Tamarack Bay area. It was raining so we did not get to walk much of it. Don Nelson, a property owner, showed us around his property. He said that he didn't think there was much runoff from the Millburg farm. There are two small creeks that run into Tamarack Bay. He said there are springs in the area which bring up clear water that then runs into Tamarack Bay. He said walleye used to come up into Tamarack Bay and spawn in the creeks. He said there was an opening 100 ft. wide at one time where boaters could go back into Tamarack Bay. He said this was filled up when a piece of a bog got loose and the property owners put it back into place and it eventually filled in that waterway area.

We then looked at the bog area, also called Disaster Bay. Slaminski was quite impressed with this area. On the north side, there has been some placement of sand and gravel. I looks like someone might have at one time thought of doing a development on the north side of the area. I need to check and see how far Baldwin's property line goes in this area. His concern was that someone could get permission to do some filling and build a lot and then do a board walkway from the development to the lake through the bog. He said he thought this should be the first priority for us in terms of acquisition. He thought we should buy up the whole I asked him about putting a board walk around the area and he thought that would be a good idea so that people could use it without damaging the area. I need to check further on the layout, the ownership and the value.

We drove by the Bev Hoium family's property and decided that would be low on the priority. It doesn't look like there is much chance for a development in any of that area.

I need to talk with Jon Lennander about the Barr Engineering report. I would like to specifically know what the tests were of the water samples taken from the runoff of Harder Creek. Someone at the meeting stated they thought there was an outlet from Antler Lake into Harder Creek.

Gordy Mommsen is concerned about the runoff north of G through the culvert and into the lake next to his property. After looking at it, however, he decided there is probably not much to be done in that area.

I need to talk with Carl Lindquist concerning the farms in the Half Moon Lake area.

I need to talk with the county about replacement for Ray Bauer-field.

I need to talk with Bruce Christensen about the Harder Creek area and start discussions about the road.

I need to check on the Milltown records to determine how much of the valuation in the Milltown township comes from the owners around Half Moon Lake.

I need to talk to Jim Smith about the July 9 picnic.

I need to talk to Erling Voss about whether he wants to stay on the commission for another 3 years.

I need to talk to Jon Lennander about getting the Barr Engineering report in time for the June 11 meeting.

I need to talk to Sherm Gardner about overseeing the beaver population.

EALANCE SHEET As of 5/13/94

Selected Accounts 5/13/94

Acct	5/13/94 Balance		
ASSETS			
Cash and Bank Accounts HALFMOON MMA HALFMOON NOW	3,932.82 1,302.59		
Total Cash and Bank Accounts	5,235,41		
TOTAL ASSETS	5,235.41		
LIABILITIES & EQUITY			
LIABILITIES	0.00 5,235.41		
TOTAL LIABILITIES & EQUITY	5,235.41		

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CHECKING ACCT 9/ 1/93 Through 5/13/94

HALFYOON NOW 5/13/94

Date	Num	Description	Meno	Category	Clr	Amount
	BALANC	E 8/31/93				974.14
9/12/93		Interest Earned			Х	2.05
9/13/93			TRANSFERE FRO	Other Inc	Х	1,000,00
9/13/93	194	DALE FRINTING	LAKE MARS	FRINTING	Χ	-505.87
10/10/93		Interest Earned			Χ	2.28
10/20/93	185	BARR ENGINEERING	INV #4949005	LAKE STUDY	X	-5,000.00
10/20/93			FROM MMA ACCO	TRANSFERE	X	5,000,00
10/25/93	186	SHERM GARDNER	WATER TESTE	LAKE STUDY	X	-15.00
10/25/93	187	KEN KELLOGG	3-EEAVER REMO	HALFMOON EXFE	X	-75.00
10/26/93	188	SHERM GARDNER	WATER TEST PO	LAKE STUDY	Х	-5,(X)
11/ 8/93	1.89	KENNETH KELLOGG	BEAVER REMOVE	HALFYCON EXPE	X	
11/10/93		Interest Earned			Х	3.79
12/ 2/93			FROM MMA ACCO	TRANSFERE	X	2,500.00
12/ 2/93	190	BARR ENGINEERING	INVOICE #4949	LAKE STUDY	X	-2,500,00
12/12/93		Interest Earned			X	2.93
1/10/94		Interest Earned			X	2.12
1/21/94	171	FAUL PETERSEN	BEAVER REMOVA	HALFYOON EXFE	X	
2/10/94		Interest Earned			X	2.17
3/10/94		Interest Earned			X	1.95
3/30/94			TRANS MMA 320		X	2,300,00
3/30/94	192	BARR ENGINEERING	INV #494005-3	LAKE STUDY	X	-2,300,00
4/10/94		Interest Earned			X	2.83
4/27/94		SHERM GARDNER	WATER SAMPLES		X	-18.60
4/27/94	194	KENNETH KELLOGG		HALFMOON EXFE	Х	-25 _* (X)
5/ 5/94			FROM MMA ACCT		X	2,200.00
5/ 5/94	195	BARR ENGINEERING	INV # 4949005	LAKE STUDY		-2 ₉ 2(x), (x)
5/10/94		Interest Earned			Х	2.75
	TOTAL	9/ 1/93 - 5/13/94				328.45
	BALANO	E 5/13/94				1,302.59
	77777777	The British Arms Arms				4 mg - 10,200,000 - 200,000
		INFLOWS				13,022.92
	1011-1	OUTFLOWS			-	-12,694.47
	NET TO	TAL			2.00	328.45
					=	

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SAVINGS ACCOUNT 9/ 1/93 Through 5/13/94

HALFMOON MMA 5/13/94

Date	Num	Description	Meno	Category	Clr	Amount
	BALANC	E 8/31/93				16,731.53
9/12/93		Interest Earned			Χ	41.60
9/13/93		TRANSFERE TO NOW A		TRANSFERE		$-1_{\mathrm{H}}\mathrm{OCC}\mathrm{_{B}OC}$
10/10/93		Interest Earned			X	32.56
10/20/93		TRANSFERE TO NOW A		TRANSFERE	X	$\mathbb{S}_{\frac{1}{2}}(\mathbb{C}(\mathbb{X})_{n}(\mathbb{X}))$
11/10/93		Interest Earned			X	26.54
12/ 2/93			CHECKING ACCO	TRANSFERE	X	-2,500.00
12/12/93		Interest Earned			X	22.30
1/10/94		Interest Earned			X	16.81
2/10/94		Interest Earned			X	17.77
3/10/94		Interest Earned			X	16.09
3/30/94			NOW CHECKING	TRANSFERE	X	-2,300.00
4/10/94		Interest Earned			X	15.95
5/ 5/94			NOW CHECKING	TRANSFERE		-2,200,00
5/10/94		Interest Earned			Х	11.67
	TOTAL	9/ 1/93 - 5/13/94				-12,798.71
	BALANC	E 5/13/94				3,932,82
	TOTAL	INFLOWS				201.29
	TOTAL	OLITELOWS			and a	-13,000.00
					144	
	NET TO	TAL.				-12,798.71

Half Moon Lake Protection and Rehabilitation District Meeting of the Board of Commissioners May 14, 1994

Present:

David Butler

Erling Voss

Bev. Hoium

Sherm Gardner

Gordy Mommsen

Walter Gretsfeld

Phil Siegle

We met at David Butler's cabin.

The meeting was called to order by David Butler.

Minutes of the Nov. 6, 1993 were read and approved.

Treasurer's report was read and approved. (See attachment)

Barr Engineering's written report is ready for distribution. There will be a report at the spring meeting. They will recommend the long term care of the lake.

The picnic will be held Saturday July 9 at the public beach. Jim Smith is the chairperson.

Spring meeting will be June 11 at 10:00 A.M. at the public beach pavilion.

Annual meeting will be August 27 at 10:00 A.M. at the public beach pavilion.

Phil Siegle will be in charge of the clean up of the lake area if it is decided to do this again this year. We will bring it before the membership committee for a vote. Tentative dates are August 27-29, 1994.

Gordy Mommsen built a platform for the loon nest. It was placed on the shore of the bog on the Hoium & Ruschoff property.

The meeting was adjourned to walk the Harter Creek area.

Respectfully submitted,

Bev. Hoium

Half Mon, Lake Newtry - June 11, 1994. Address Phone # Name Bob Houck 1315 200th St 825-4436 Due Achneider 1305 200th st 825-4532 825-2352 don Westo 1/90 + 200 Sherm Navey Sardner 84-2163 Korgen: Al Theisen 476(?) Bleeny Bay Rd 715-549-5615 Jim Sayon 1251 Breezy Bay Ct Marking Lany horth 1916 Breezy Bay Rd 825-3147 851-3745 Dick Hough 825-4317 825 - 4317 Dorde Mommsen 8254206 Hom tennantons 825 3175 Biles Katu Winn 825-3880 DON & SHELLA WALDOCH 825-4192 Shirley Dworshy 125-2339 Wally or marvel Stretefeld 825-3467 Mory Ann & Florian Janes 7 3639 Nour Chutoffersen LEG & TOOTS SCHWARTZ 825-2547 Donna Stylmunemahi 825-37-13 Jovie Saad 825-2510 Darlen Tensen 825-4384 Olly Flack 825 -4384 Steve Melena 1964 Breezy Bay 825-3717