

**NONPOINT SOURCE POLLUTION CONTROL PROGRAM
SEPTAGE DISPOSAL SITE INSPECTIONS
AND
PRIVATE SEWAGE DISPOSAL SYSTEM INSPECTIONS
OCONTO COUNTY
1993 PROJECT REPORT**

TD
424.8
Z34
1993

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PREFACE

With the population continuing to escalate at an increasing rate the cities are becoming over crowded and more people are moving to the country. This results in a potential for an increase in groundwater and surface water contamination due to increasing development. In response to this increased development, Oconto County established a NonPoint Source Pollution Control Program in 1990, 1991, and is presently expanding it in 1993. This program was aimed at eliminating NonPoint Source Pollution which results from failing private sewage disposal systems and the landspreading of septage.

This report will detail Oconto County's efforts to control NonPoint Source Pollution generated from Private Sewage Disposal Systems and the land Spreading sites where the septage generated from these systems is being periodically disposed.

ACKNOWLEDGEMENT

Funding for the County's NonPoint Source Pollution Control Program was made possible through a grant from the National Oceanic and Atmospheric Administration's Office of Ocean and Coastal Resource Management. The Coastal Management Section of the Wisconsin Department of Administration regulates the Wisconsin Coastal Management Program.

The Wisconsin Coastal Management Program was established in 1978 to direct comprehensive attention to the state's 820 miles of Lake Michigan and Lake Superior coastline. The WCMP analyzes and develops state policy on a wide range of issues concerning the Great Lakes and their adjacent tributaries. They provide the state and local government agencies with grants to locate and rectify the NonPoint Source Pollution problem along the state's coastal waterways and their tributaries. The overall goal of the WCMP is to preserve, protect and develop the existing resources of Wisconsin's coastal areas from further degradation. This will allow for a cleaner and healthier environment for this and future generations to come.

INTRODUCTION

The Oconto County Zoning Office, recognizing there was a serious need to rectify the problem of NonPoint Source Pollution, started a NonPoint Source Pollution Control Program in 1990. This program was designed to focus on NonPoint Source Pollution generated from failing private sewage disposal systems in the Little River Watershed Area.

The NonPoint Program was expanded in 1991 to include the Bayshore from one end of the county to the other. It was also to include the landspreading sites where the septage generated from Holding Tanks and Septic Tanks is periodically being spread. The program was to be put on hold in 1992 but was continued in 1993.

The 1993 NonPoint Program included the inspection of 28 septage sites which were used for landspreading. These inspections led to many of the sites being removed from the DNR's list of approved sites. The program also expanded the area where inspections for failing private sewage disposal systems were to be conducted. This expansion resulted in the targeting of Abrams, Brookside, Lakewood, Mountain, Chute Pond, Moody Lake, Anderson Lake, Little Suamico, and the newly formed Pensaukee Sanitary District. These new areas resulted in over 1,164 inspections with more than 380 enforcement orders being issued.

In order to correct these problems, more than 250 new Holding Tanks and over 125 new mounds would have to be installed. It is Oconto County's belief that Holding Tanks are not a corrective measure in that the effluent from the tank still has to be treated. The effluent is treated either by taking it to Municipal treatment plants or is being spread on approved fields where the soil treats the effluent. Holding Tanks also have a rather short life expectancy which results in the problem having to be corrected again at a future date.

The 1993 program was also to police up the areas targeted by the 1990 and 1991 programs. This was done by doing onsite investigations and if need be issuing new enforcement orders with a more stringent action taken against those who have not yet complied with the previous enforcement orders.

OBJECTIVE

Landspreading of septage and sludge is becoming a more serious problem in Oconto County as well as other counties throughout the state. This is due to municipal waste water treatment plants not accepting the septage generated from private sewage systems. The treatment plants, due to population increases, are reaching their peak capacities and can not handle any more inputs. The only other alternative in many counties is landspreading of the sludge and septage. This in turn results in the issuing of several new

licensed sites for the spreading of septage yearly.

Landspreading of septage can lead to several serious problems if it is spread on unsuitable sites or improperly spread. It can lead to the contamination of ground water and surface water which could have devastating effects. It is the County's aim to eliminate the potential for ground water and surface water contamination through properly inspecting all licensed sites within the county.

The contamination from private sewage disposal systems is also a problem that the county is giving serious attention to. This results from old systems that could be failing and systems which have been improperly installed. The septage generated from private sewage systems, when not treated by a working soil absorption system, has to still be treated. The septage then is just being displaced and results in the need for more septage sites licensed for landspreading. It is the intention of the Oconto County Zoning Office to correct the initial problem of non-point source pollution, thus eliminating the need for a larger number of landspreading sites.

PROGRAM DEVELOPMENT

The Non-Point Program was to focus on Private Sewage Systems in 1990 and to give priority attention to the sites listed for landspreading in 1991. The 1993 program, working under similar time constraints, will encompass both of these objectives in it's final project goal.

The first step was to contact the Department of Natural Resources and obtain a list of licensed sites for the spreading of septage. It is the responsibility of the DNR to license and regulate septic haulers as well as the sites where the septage is to be landspread. The DNR sent us a list of all the licensed sites in Oconto County as well as some of the guidelines they follow when issuing approval for sites. They also sent some of their criteria which would warrant potential violations. (See Appendix)

It was the intention of the Oconto County Zoning Office to do an onsite evaluation of each site properly licensed by the DNR. Once the information was received from the DNR it was cross referenced with the 1991 list and the inspections done at that time. Several of the sites remain the same and the files were updated to show the changes which took place. Several of the sites were only partially inspected in 1991. This was due to limitations such as crops affecting the ability to properly do soil borings. The 1993 program started the inspections in May, thus avoiding many of the limitations which were previously encountered. The owners of each site were contacted prior to the inspection and invited to be present at the time the inspection was to take place.

The inspection report sheet developed specifically for septage sites in 1991 was to be used for the site inspections. The sites were to be evaluated based on the criteria of NR 113 Wisconsin Administrative Code. These criteria were followed precisely to eliminate the potential for variation and ensure uniformity between all the evaluations.

Once the landspreading sites were evaluated and the results complete we were to start inspections of private sewage systems. There were several communities targeted under the 1993 program. The private sewage systems were evaluated based on six main criteria which delineate a failing septic system. These six criteria are: Discharging sewage to Surface Water, Groundwater, Drain Tiles, Zones of Bedrock, Zones of Seasonally Saturated Soils, and the Surface of the Ground. The guidelines for soil borings are set in DIHLR 83 and 85 Wisconsin Administrative Code. A three foot separation from system elevation to Groundwater, Bedrock, or Zones of Seasonally Saturated soils is required.

PROGRAM IMPLEMENTATION

The list received from the DNR had 33 sites licensed for septage disposal in Oconto County. (See appendix) Of these 33 sites, 5 were Municipal Wastewater Treatment Plants and the remaining 28 were privately owned sites for the landspreading of public septage. Each privately owned site was verified for ownership in the Tax Listing Office. It was found out that several of the licensed sites had changed ownership and the DNR list was in need of revision. Jim Friedrich, Septage and Laboratory Specialist, from the Department of Natural Resources was contacted in order to inform us of the qualifications needed to remove sites from the list of approved sites. He informed me that it was necessary to have the site owner request in writing to be removed. After learning this, a letter for owner request was mailed to each owner which was to be signed and dated as to their intent. (See Appendix) It took approximately two weeks to receive all the letters from the land owners. After they were received copies were sent to Jim Friedrich requesting the removal of the sites whose owners no longer wished to remain as an active site. This removed 10 sites before field inspections started.

The remaining 18 sites were to then be field inspected based on the criteria of Chapter NR 113 of the Wisconsin Administrative Code. Soil borings were conducted as well as site inspections to verify their conformity to NR 113. The number of borings for each field was based on acreage as stated in Table 5 of NR 113. Pictures were taken at each site to document the findings in all cases and used as proof in cases where it was necessary to request removal from the DNR's list of active sites.

Having the septage sites evaluated, the remaining time was focused on Private Septic Systems. The location of targeted areas

were decided on by the Planning and Zoning Committee. When a town has been targeted a boundary was drawn up by the Zoning Administrator and then a trip to the area was made to take down fire numbers from all the houses in the area. These numbers were compared to Tax Listing's numbers and inspection reports which contained owner and physical description where filled out. The results of all the inspections were entered into the computer and a print out of percent passing and failing, along with reasons why, was mailed to the Town Chairman. A copy was also given to the Zoning Administrator and made available for anyone wishing to know the results. (See Appendix)

RESULTS

Of the 18 sites where field evaluations were conducted, 10 sites were deemed suitable for landspreading as they stand. Two sites were allowed to remain as active sites with limitations set as to what parts or what time of the year these two fields could be utilized. The 6 sites that were removed had several limitations which restricted application of septage. The main limiting factor was the soil conditions. All six fields failed to meet the 3 foot separation above Zones of Seasonally Saturated Soils or Ground water. One field was re-evaluated with Jim Friedrich, from the DNR, and the septage pumper present. The goal in this meeting was to evaluate the site in a dryer part of the year to maybe allow the site to be used with limitations on the times of the year that the septage could be spread. One of the fields had critical slopes measuring in the 20-30 percent range which was also a rather significant factor. (Inspection Reports for all sites can be found in the Appendix)

The soil inspections of Private Sewage systems resulted in nine targeted areas consisting of: Abrams, Brookside, Chute Pond, Mountain, Lakewood, Moody Lake, Anderson Lake, Little Suamico, and the newly formed Pensaukee Sanitary District. These six areas resulted in 1164 inspections with 380 enforcement orders being issued. There were also several complaints and personal requests which resulted in an additional 10 inspections, adding 10 more enforcement orders from non-targeted areas. The 1993 program also policed up the areas where previous enforcement orders were issued and there was no action taken to correct the problem. In these cases, 15 enforcement orders were issued with a second notice. These were to be the final notice sent to those people with failing systems. The matter was then to be referred to the Corporation Council where the appropriate action would be taken if the failing systems were not brought up to code compliant systems. (Tallies of all Inspected areas and results can be found in the Appendix)

CONCLUSION

With municipal Treatment Plants accepting less and less septage, Landspreading is a common practice in Oconto County.

Urbanization is becoming a more and more serious problem and the need for licensed sites is continuing to escalate.

The DNR is presently responsible for the regulation and licensing of Septage Sites for landspreading. The Lake Michigan District of the DNR is in charge of Oconto County and 11 other counties as well. This district hires one employee to administrate the policies of NR 113.12 of the Wisconsin Administrative Code for all 12 of these counties.

The guidelines followed by the DNR in licensing and regulating these sites are set forth in NR113.12 Wisconsin Administrative Code. The pumper is responsible for submitting the data and paper work for each site he wants approval for. The decisions are made based on his information and the guidelines of NR 113.12. The pumpers information is rarely field checked to verify accuracy. The main criteria used to determine if the site will be approved or not is the soil limitations. This information is taken from the United States Department Of Agriculture Soil Survey of Oconto County.

There were 18 sites which were field inspected and 10 were deemed suitable for continued landspreading. The other 8 sites failed to meet several criteria of NR 113.12 Wisconsin Administrative Code. The major criteria which was not met was the soil limitations. These findings emphasizes the importance of field evaluations on all sites prior to the issuance of a license.

Non-Point Source Pollution from private sewage disposal systems is a continuing problem in Oconto County. Plumbing was established in many of the existing Homesteads in the early to middle 1950's. Oconto County has records dating back to only 1966. Prior to that and even in this day and time many of the systems have been or are being installed by the landowner. Consideration was not, and in several cases is still not, given to pollution of Groundwater or Surface Water.

In the targeted areas 1,164 inspections were conducted and 380 Enforcement Orders were issued. Many of these orders were on very old systems which were discharging to the Ground Surface, Rivers, or Groundwater. When these systems were installed the main consideration was given to maintaining proper discharge from the residence. With escalating costs associated with replacement many of these systems are being maintained as is. This leads to serious health hazards associated with the effluent from the septic tank. There are a large number of Pathogenic Bacteria and Viruses which are not properly being disposed of. Disposal and treatment of these containments in the effluent as well as the effluent itself is a major concern of Oconto County and it's Non-Point Source Pollution Control Program.

RECOMMENDATIONS

The final evaluation for the septage sites and private sewage disposal systems shows that 35% of the licensed septage sites were deemed unsuitable and 33% of the existing private sewage disposal systems in the county are failing. If these percentages apply throughout Oconto County, as well as the other counties in the state, there could be devastating affects on Groundwater quality and our environment. These impacts could not only affect our Groundwater and environment but also could have serious health effects on the population as a whole.

To make sure the information submitted by the pumper is correct and that the soil conditions are adequate, field evaluations need be conducted on all sites. The DNR, considering the wide array of duties and limited personnel, is doing an adequate job in administering the licensing of the septage sites. The only alternative in making sure a site is suitable prior to the issuance of the license would be to establish some sort of county control over the program. This sort of program would add significantly to the counties workload and expenditures. Oconto County simply does not have the personnel or funding to properly administer such a program.

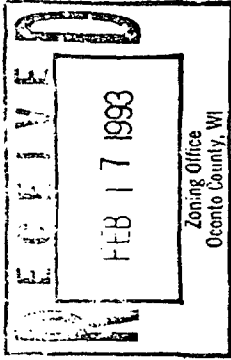
The private sewage disposal systems in the county are controlled by the Department of Industry and Human Relations (DILHR) with close cooperation from the county. DILHR does not have the responsibility of pointing out problems with existing septic systems. When these systems fail they have stringent regulations which must be followed in the event of replacing it. The counties are responsible for dealing with the problems associated with existing septic systems. To eliminate problems associated with failing septic systems, Oconto County has established a Non-Point Source Pollution Control Program. The goal of this program is to eliminate the potential for Groundwater and surface water contamination. Through this program and close cooperation with DILHR the impact on groundwater and surface water contamination from failing private sewage disposal systems is slowly being corrected.

In the future there needs to be a greater emphasis on control at the county level to properly control the effects of Non-Point Source Pollution generated from landspreading sites and private sewage disposal systems. This will ensure consistent corrective measures which will help maintain high quality groundwater and create a healthier environment for our generation and those who follow.

APPENDIX

DISTRICT APPROVED SEPTAGE/
LANDSPREADING SITES

SORTED BY COUNTY OF SITE LOCATION

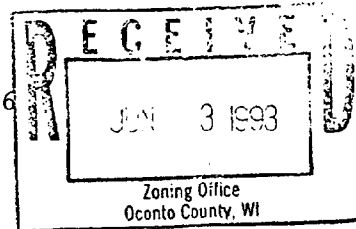


LICENSEE	LICENSE NUMBER	LIC. CITY	SITE NO.	SITE OWNER	LEGAL DESCRIPTION	TOWNSHIP RANGE	SITE ACRES	COUNTY INSP.	DATE APPVD.	
SAUER SEPTIC SERVICE (RADANDT)	01946	MAN	29	HALVERSON, LESTER	E/NW & NW/NE-S35	19-22	75	MAN	NO	09/09/92
SAUER SEPTIC SERVICE (RADANDT)	01946	MAN	30	HALVERSON, DICK	SW/SE-S27 & W/NE-S34	19-22	55	MAN	NO	09/09/92
FIVE D'S TRUCKING	00759	MAR	01	KOUSKI, ROBERT	SW/SW-S4	32-20	30	MAR	NO	/ /
FIVE D'S TRUCKING	00759	MAR	02	SCHROEDER, CARL III	SE-S20 & SW-S21	33-21	160	MAR	NO	/ /
FIVE D'S TRUCKING	00759	MAR	03	STIERACKI, MAX	NE/NW-S18	32-18	20	MAR	NO	/ /
FIVE D'S TRUCKING	00759	MAR	04	SANSA, FRANK	SE/SE-S14 & NE/NE-S23	32-19	20	MAR	NO	/ /
FIVE D'S TRUCKING	00759	MAR	05	BODOUCH, LOUIS	CENTER/N-S15	32-19	90	MAR	NO	/ /
FIVE D'S TRUCKING	00759	MAR	06	KOUSKI, RONALD	E/NE/NW-S9	32-20	15	MAR	NO	/ /
FIVE D'S TRUCKING	00759	MAR	07	RYNEN(?), GERY	NE/NE-S20	33-20	15	MAR	NO	/ /
JOEL P. OLECK SEPTIC PUMPING	01958	MAR	01	MAVES, JOHN	W/SW-S19	32-20	45	MAR	NO	02/05/92
JOEL P. OLECK SEPTIC PUMPING	01958	MAR	02	STARZER, JOSEPH	NW & W/NE - S6	31-20	55	MAR	NO	02/14/92
JOEL P. OLECK SEPTIC PUMPING	01958	MAR	03	MANKUSKI, MILES	NW/SE-S1	31-19	4	MAR	NO	03/02/92
JOEL P. OLECK SEPTIC PUMPING	01958	MAR	04	TORZALA, JULIUS	SW/SE & SE/SW - S8	31-20	40	MAR	NO	03/12/92
OLECK PUMPING (GRUSZINSKI)	00820	MAR	02	ANTCZAK, EDWARD	NE/SE-S12	32-20	40	MAR	NO	/ /
OLECK PUMPING (GRUSZINSKI)	00820	MAR	03	HIGHVIEW GOLF COURSE	SE/NE-S23	32-19	20	MAR	NO	/ /
OLECK PUMPING (GRUSZINSKI)	00820	MAR	04	LOVEGREN, WALNER	CENTER/S-S24	32-20	10	MAR	NO	/ /
OLECK PUMPING (GRUSZINSKI)	00820	MAR	05	WYMAN, EUGENE	N-S23	32-20	80	MAR	NO	/ /
QUALITY PLUMBING & HEATING	01294	MAR	03	HARPER, MIKE&CAROLYN	W/SE/S9	30-22	40	MAR	NO	/ /
ROCHON PLUMBING & HEATING	00765	MAR	02	PLEMEL, DENNIS	SE/SE/S30	37-19	5	MAR	NO	/ /
ROCHON PLUMBING & HEATING	00765	MAR	04	ADIELLY, ROBERT	SW/SE/S33 + SW/SE-S12	37-19	20	MAR	NO	/ /
ROCHON PLUMBING & HEATING	00765	MAR	07	CAREY, JIM	W/SE/S24	37-19	20	MAR	NO	/ /
ROCHON PLUMBING & HEATING	00765	MAR	08	W & R PARTNERSHIP	S/SW/S27	36-20	35	MAR	NO	/ /
ROCHON PLUMBING & HEATING	00765	MAR	09	GRAY, ELMER	SW/S14	36-20	100	MAR	NO	/ /
ROSS PLUMBING - MICHIGAN	01791	OTS	01	MC CLELLAN, RALPH	SE/SE/S1	35-21	20	MAR	NO	/ /
ROSS PLUMBING - MICHIGAN	01791	OTS	02	MC CLELLAN, RALPH	E/NE/S12	35-21	30	MAR	NO	/ /
BLUE SPRUCE BALLROOM (EBBEN)	01393	OCO	02	ARNDT, INC.	SE/NW/S33	29-20	40	OCO	NO	/ /
BLUE SPRUCE BALLROOM (EBBEN)	01393	OCO	03	ARNDT, INC.	SE/NE/S24	29-19	40	OCO	NO	/ /
GETTER & SON		NWD		NIGG, JOHN J.	N/NE-S23	32-15	80	OCO	YES	/ /

DISTRICT APPROVED SEPTAGE
LANDSPREADING SITES

SORTED BY COUNTY OF SITE LOCATION

LICENSEE	LICENSE NUMBER	LIC. CTY.	SITE NO.	SITE OWNER	LEGAL DESCRIPTION	TOWNSHIP RANGE	ACRES	SITE COUNTY	INSP.	DATE APPVD.
KIMMER SEPTIC SERVICE	01111	LNG	00	MOERICKE, MARIE	NW/NE-S13	31-16	40	OCO	NO	/ /
KOUNTRY PUMPER (KEN MATUSZAK)	01552	OCO	02	MASGOVITZ, MARVIN	W/SW/S19	30-19	20	OCO	NO	/ /
KOUNTRY PUMPER (KEN MATUSZAK)	01552	OCO	03	FONFEREK, JOE	W/SW/S24	30-17	30	OCO	NO	/ /
KOUNTRY PUMPER (KEN MATUSZAK)	01552	OCO	04	FISHER, LYLE	N/NW-S27	30-17	30	OCO	NO	/ /
KOUNTRY PUMPER (KEN MATUSZAK)	01552	OCO	05	BIEBER, FERRIS	E/SE-S10	29-20	80	OCO	NO	/ /
PAL'S SEPTIC SERVICE (ZACHOW)	00655	OCO	02	KONITZER, JOHN	N/SW/S34	27-20	80	OCO	NO	/ /
PAL'S SEPTIC SERVICE (ZACHOW)	00655	OCO	03	KACZMAROWSKI, JULIUS	SW/NW/S21	27-19	25	OCO	NO	/ /
PAL'S SEPTIC SERVICE (ZACHOW)	00655	OCO	06	KUSSON, THOMAS	W/NW/S24	26-20	80	OCO	NO	/ /
PAL'S SEPTIC SERVICE (ZACHOW)	00655	OCO	09	PETERSON, ARNOLD	NE/SW-S16	29-20	80	OCO	NO	/ /
R.T.S. SANITATION (SOPER)	01864	SHA	04	GREENWOOD, DOROTHY	SE/SE-S9	28-19	40	OCO	NO	/ /
R.T.S. SANITATION (SOPER)	01864	SHA	04	YOUNG, ROBERT	SE-S35	29-18	70	OCO	NO	/ /
R.T.S. SANITATION (SOPER)	01864	SHA	05	SCHMAL, DAVID	S/NE-S20	28-18	60	OCO	NO	/ /
R.T.S. SANITATION (SOPER)	01864	SHA	06	PATZER, ED. JR.	N 1/2 - S33	28-18	100	OCO	NO	03/23/92
R.T.S. SANITATION (SOPER)	01864	SHA	07	FIFIELD, TIM	SW/NE & NW/SE - S6	28-17	10	OCO	NO	03/30/92
SHORELAND SAN. SER. (MELLAND)	01610	OCO	02	WEIGELT, GERALD	SW/NE/S27	28-21	10	OCO	NO	/ /
SHORELAND SAN. SER. (MELLAND)	01610	OCO	04	RADZINSKI, JOAN	N/NE-S34	28-21	10	OCO	YES	09/09/91
SUTRICK SEPTIC(EDMOND SUTRICK)	00300	OCO	01	LUTHER, MARTIN	SE/NW-S21	28-19	27	OCO	NO	/ /
SUTRICK SEPTIC(EDMOND SUTRICK)	00300	OCO	02	SOLOMON, VINCENT	NE/SE-S1	27-19	9	OCO	NO	/ /
SUTRICK SEPTIC(EDMOND SUTRICK)	00300	OCO	07	SHEPHERD, JOHN	NE/NW/S7	27-19	21	OCO	NO	/ /
SUTRICK SEPTIC(EDMOND SUTRICK)	00300	OCO	08	KONITZER, FRANK	SE/NE/S2	27-19	15	OCO	NO	/ /
SUTRICK SEPTIC(EDMOND SUTRICK)	00300	OCO	10	SOLOMON, VINCENT	SE/NW-S1	27-19	20	OCO	NO	/ /
SUTRICK SEPTIC(EDMOND SUTRICK)	00300	OCO	11	SHALLOW, OLIVER JR.	SE/NE-S25	29-20	8	OCO	NO (PHONE	/ /
WARSCHKOW, JACK	01503	OCO	02	WARSCHKOW, JACK	E/NE/S30	29-19	120	OCO	YES	/ /
WARSCHKOW, JACK	01503	OCO	03	KAUFMAN, BERLIN	S/SE/S28	29-19	75	OCO	YES	/ /
DALE'S SEPTIC SERVICE	00539	OUT	03	KRAKE, ROBERT	E/NW-S15 & E/SE/SW-S10	22-15	12	OUT	YES	/ /
DALE'S SEPTIC SERVICE	00539	OUT	04	TEWS, WALTER	SE/NW/S7	22-15	35	OUT	NO	/ /
FLUSH, INC. (JEROME O'BRIGHT)	01030	WIN	02	JENNERJOHN, H.J.	S/S/S5	21-16	50	OUT	NO	/ /
FLUSH, INC. (JEROME O'BRIGHT)	01030	WIN	03	JENNERJOHN, H.J.	E/SE/S26	22-15	40	OUT	NO	/ /



HANDLING COMPLAINTS

Tom Nelson's advice to haulers to avoid complaints from property owners surrounding disposal sites is:

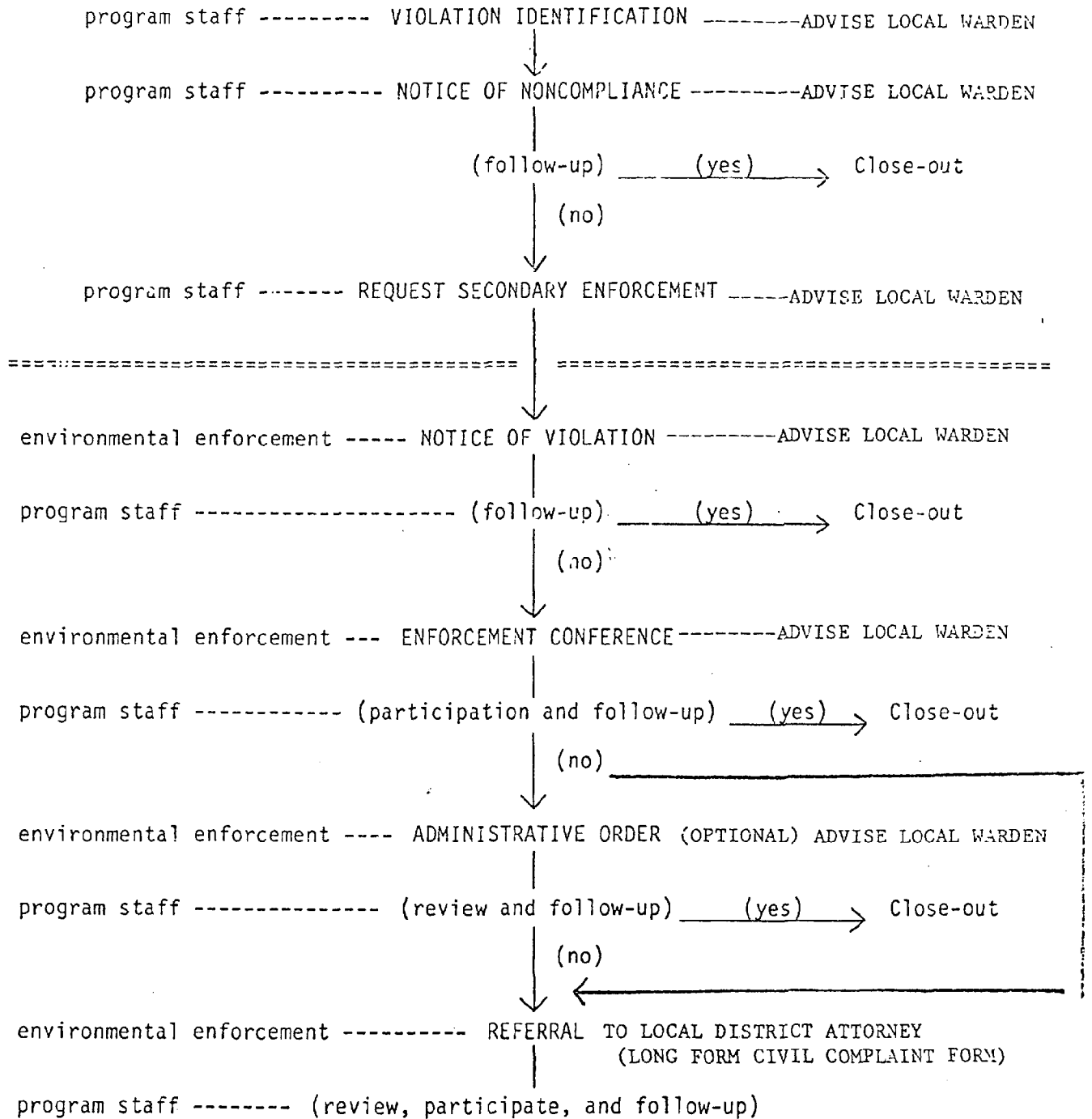
1. Inject the septage. This disposal method reduces odor and if adjacent property owners don't see septage, they won't be so apt to complain about the use of the site.
2. Keep vehicles clean.
3. Don't use a disposal site day after day. Concerns are likely to develop if a hauler is seen continually on one site.

When a complaint is received, enter the information in the complaint log.

1. Be responsive. Return phone messages promptly and get action from hauler (if necessary) as soon as possible.
2. Suggest the complainant talk to the hauler. Haulers don't want to irritate landowners and might be willing to change disposal practices.
3. Involve county officials (zoning administrators and/or county sanitarians).
4. Get specific information from complaintant as to location of problem, extent of problem, concerns involved, hauler suspected, etc.
5. Give hauler benefit of the doubt, i.e. call and find out their side of the story. Before calling, check file to see if truck color and description match those in complaint. If possible, check legal description of area described in landspreading complaint against sites listed on annual license renewal forms. Also, check soil types for specific sites in soil survey if available, so you're fully informed when confronting the hauler.
6. For "dumping" complaints, ask the complaintant if the truck is moving while waste is running out of the back. If so, how fast is it moving, and is the field being evenly covered? How much distance is being allowed to houses, wells, property lines, etc.? Explain code requirements after the questions are answered.
7. Complaintants have the right to remain anonymous. However, caution them that if they don't identify themselves, then we can't call them back to tell them how their complaint was resolved. They may want to leave their first name and phone number and request that this information not be made part of the file. This data can be kept in a diary, card file, etc. and be destroyed after the complaint is resolved. Do not put their name in the complaint log if they wish to remain anonymous, as this log is public record.

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WISCONSIN DEPARTMENT OF NATURAL RESOURCES
 ENVIRONMENTAL ENFORCEMENT PROGRAM



SECTION 7

ENFORCEMENT - See the Environmental Enforcement Handbook (4190.5), Chapters 10 and 20 for more information.

Stepped Enforcement - Object is to gain compliance with state or federal laws.

Primary Enforcement: informal contacts
Notice of Noncompliance (sent by program staff)

Secondary Enforcement: Notice of Violation (sent by district enforcement staff) - should be issued within 30-60 days of violation
Enforcement Conference

NON - subject line = Notice of Noncompliance. Informs the violator of the noncompliance with the statutes or codes, and identifies the specific violation. A response is usually requested within a specific time period as to how the problem will be solved.

NOV - subject line = Notice of Violation. Sent by district enforcement specialist by Certified Mail. Objectives:

1. Document specific violations of the law, citing statutory authority.
2. States the Department is aware of the violation.
3. Advises of possible prosecution and forfeitures.
4. Requests a written response within a specified time period.
5. Requests remedial action within a specified time period.
6. Requests additional information, including a schedule for regaining compliance within a specified time period.
7. Schedule an enforcement conference.

All letters must be documented in files.

Routine letters are not enforcement actions. These would include letters that request information, transmit forms, reminders of incorrect fees, incomplete forms, etc.

Enforcement Conference - A formal meeting with the violator. The enforcement specialist takes the lead role. Meeting agenda includes the following:

1. Gather information about the violation.
2. Provide an opportunity for the violator to explain the reason and/or cause of the violation.
3. Explain the Department's intended actions if the violation is not resolved.
4. Obtain a commitment from the violator to achieve compliance.

If agreements are reached at the conference, a Compliance Agreement should be written to document the commitments. The agreement should include:

1. The facts of the violation.
2. The legal basis of the Department's actions.
3. The actions which the violator agreed to take to correct the violation, including a compliance schedule.

Issuance of Citations - See memo to District Wardens describing violations they might see in the field, and what to cite under.

Enforcement Through the County District Attorney - The Bureau of Legal Counsel has decided that violations of s.146.20 will not be handled through the Department of Justice. Prosecution of NR 113 violations should be sought through the County District Attorney, and may be done by county officials as well as DNR employees.

Documentation and ENTRACK - All violations and enforcement actions must be documented in area, district and Central Office files.

Actions beginning with Notices of Noncompliance through referrals are entered in the enforcement tracking system (ENTRACK). Janet Hopke enters this information.

Closing Out Violations - When a violation is resolved and no further enforcement is planned, the violation must be closed out. The staff person who signed the most recent enforcement letter should draft a letter to the violator that no further action will be taken, but that a future violation may subject them to enforcement again.

4/87

SECTION 10

SITE INSPECTIONS

When requests for septage landspreading site approval are received, the district does as much preliminary work in the office as possible. Ask for an aerial photo and soil mapping to be submitted.

The Landspreading Site Evaluate Checklist is very useful for site investigations. Use the legal description for the site location line. The soil survey shows the soil types, series, and land use. This information provides the slope, depth to groundwater, and depth to bedrock. After the above information is obtained, the site may not be approvable. In that case, a site visit has been avoided. Inform the hauler requesting approval that the site is not acceptable for land-spreading. The Agricultural Site Evaluation Form for Land Application (Form 3400-122) can be used for notification of approval/denial. The standard conditions for municipal sludge application listed on the back of the form closely follow septage landspreading rules.

If a site inspection is warranted, take a soil auger to check soil texture, color, evidence of groundwater, etc. Also, while on site check for:

1. location of nearby residences, public and private wells,
2. also, watch out for old wells and hand pumps in the field that are not properly abandoned and are most likely of substandard construction,
3. low areas subject to flooding or ponding,
4. location of surface waters,
5. evidence of rock outcroppings and sink holes,
6. degree and extent of slopes,
7. drainage patterns and how they will affect surrounding land areas,
8. condition of field; has it been used for crops recently or is it in continuously, unharvested sod? Are there any truck ruts, burned vegetation, eroded gullies, or obvious "dumping" spots?
9. Decide if field has obvious evidence of being used for septage application. Inquire as to frequency of use to see if hauler's response matches evidence on field. Hauler may say it's used frequently when you actually don't see any evidence of it. In that case, suspect that they're heavily using a bad site, but showing a good site that's seldom used. Ask them to show you their most heavily used site also.
10. While on site, point out good and bad points about site to the hauler, as well as all precautions for use.

VIOLATIONS THAT WARRANT CITATIONS

A). VIOLATIONS OF THE CODE REGARDLESS OF LICENSING STATUS:

- Discharging of septage less than 200 feet from a ditch, dry run, pond, lake, stream, flowage or floodplain.
*NR 113.07(3)(c)3., s.s.29.29.
- Discharging of septage into or on any ditch, dry run, pond, lake, stream, flowage, floodplain, cave, sinkhole, mine, gravel pit or quarry.
*NR 113.07(4)., s.s.29.29.
- Allowing the spreading vehicle to remain motionless while discharging the septage from the vehicle.
*NR 113.07(3)(c)7.
- Allowing the septage to become ponded after spreading. Ponding is defined as an accumulation of liquids to form standing water. (The limitation from the revised NR 113 is that no free liquid of 3 square feet or more be visible 2 hours after application of the septage).
*NR 113.07(3)(c)7.
- Discharging of septage within 200 feet of any private well.
*NR 113.07(3)(c)5.
- Discharging of septage within 500 feet of any place of habitation or business or area used for recreational purposes.
*NR 113.07(3)(c)6.
- Use of a sump pump and hose to pump out tanks and dispose of the wastes. This is evidenced by a hose coming out of the tank and discharging the wastes to the ground surface. Also included is the alteration of the tanks, whereby a hole is punched in the tank and a buried pipe connected to the tank discharges the wastes to the ground surface.
*NR 113.07(3)(c)1.-7.

B). VIOLATIONS OF THE CODE WHICH ARE SPECIFIC TO THE LICENSING STATUS:

**PRIVATE HOMEOWNER VIOLATIONS:

--Persons who are servicing their own tanks without being registered as a private pumper.

*NR 113.04, s.s.146.20(3)(d).

--Operating a vehicle used for servicing without having "Not For Hire" prominently displayed on both sides of the servicing vehicle. They should also have the vehicle certification sticker displayed on the rear of the servicing vehicle.

*NR 113.06(3)(1)4.

**COMMERCIAL PUMPER VIOLATIONS:

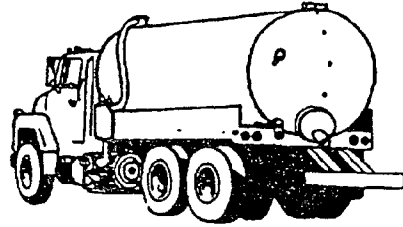
--Persons who are servicing tanks for others without being licensed as a commercial hauler/pumper.

*NR 113.04., s.s.146.20(3).

--Operating a vehicle used for servicing without having the valid vehicle certification sticker displayed on the rear of the tank. They are also required to have the words "Wisconsin Sanitary Licensee" and "License No. " painted on both sides of the servicing vehicle. Licensed Plumbers may have their plumber's license number painted on the vehicle instead of their Sanitary License number.

*NR 113.06(3)(1)1.,2., s.s.146.20(3)(c).

Septage Newsletter



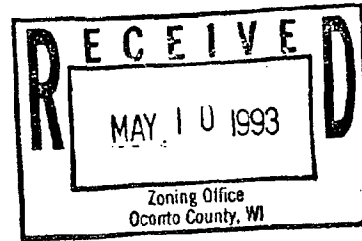
Vol. 3, No. 6

PUBL-WW006

April, 1993

TO: Licensed Pumpers
County Zoning Administrators
Municipalities

FROM: Robert J. Steindorf, P.E.
Municipal Wastewater Section



TOPICS IN THIS ISSUE

Certificate Renewal Dates
Continuing Education
Draft Schedule for NR 113 Revisions
Federal 503 Regulations
How Are We Doing On Certification?
Septage Hauler's Decals

CERTIFICATE RENEWAL DATES

All certificates are being issued for a two-year period, as required by NR 114. Some concerns have been raised about the dates we have selected for issuing the certificates. The concern is that people who took the exams early are being disadvantaged because they will have less time to accumulate the required 12 hours of continuing education credits before their certificate needs to be renewed.

The procedure we used to set certification dates is as follows. The first three exams were given on January 12, 1991; August 17, 1991; and January 25, 1992. The revisions to NR 114 that affect septage operator certification went into effect on March 1, 1992. We didn't feel we could certify anyone for a date before the rule went into effect, so for anyone who passed the exams on those first three dates, we arbitrarily selected an effective date of May 1, 1992. This date was selected because it was after the rule went into effect and because the renewals would fit in reasonably well with other Department workloads.

For anyone passing a test on a later date, we made the effective date the date of the test. This is partly based on our need to balance out the workload of certificate renewals. We will probably have about 1,000 certified operators in the future, and we cannot handle the kind of workload that would come if we had 1,000 renewals coming in at about the same time, once every two years. In addition,

NR 114.08 says that we should issue the certification "upon satisfactory fulfillment of the qualifications required by this chapter." We take this to mean that the certificate should be issued once the test has been passed.

Part of the confusion may come from NR 114.16, which says "septage servicing operators who are performing septage servicing as of March 1, 1992 shall have one year from that date to become certified." Some people are interpreting this to mean that we would issue all of the certificates to be effective on March 1, 1993. We have interpreted this to be a deadline that people could not go beyond, and not the date that the certificates would be issued on.

If you have any questions or comments on these certification dates, please call John Cain at (608) 266-9259.

CONTINUING EDUCATION

After you have successfully passed your septage certification exams, it will be time for you to consider your responsibilities regarding "continuing education" and the renewal of your certification within two years. As you know, you will no longer have to take certification exams to retain your certificate. However, as new developments in the septage industry emerge, you will need to keep abreast of them by taking at least 12 hours of training every two years.

Before the expiration date on your wallet card, certified vehicle operators and operators-in-charge will need to receive 12 hours of training in order to have their septage servicing certification renewed. Training opportunities will soon be available and they will be announced by the Department and other organizations involved in scheduling and delivering training.

In the past, the Wisconsin Liquid Waste Carriers Association has been a primary septage training delivery organization in Wisconsin. They will likely continue to deliver training at their two conferences each year. In the future, the Department of Natural Resources, the Vocational Training and Adult Education system, and vendors in the septage industry will likely provide training opportunities in Wisconsin. This training will likely be conducted in numerous locations in the state convenient to your business or place of work.

Since new regulations, such as the Federal 503 regulations, will be impacting the septage industry in the next few years, it is important that you organize your training plans to receive information on these new developments. Training opportunities will be announced as often as possible in this publication so that you are aware of them far enough in advance to fit them into your busy business schedule.

DRAFT SCHEDULE FOR NR 113 REVISIONS

Following is the latest projected schedule for revisions to Chapter NR 113 of the Wisconsin Administrative Code. This is a draft schedule and, as such, is subject to change. You will be kept informed of any significant changes.

- | | | |
|----|---|-------------------|
| 1. | Complete an initial draft of proposed rule changes. | October 31, 1993 |
| 2. | Develop a Technical Advisory Committee (TAC). | November 12, 1993 |
| 3. | Start TAC review/input on the draft rule changes. | December 10, 1993 |

- | | |
|--|--------------------|
| 4. Complete TAC review/input on the draft rule changes. | April 1, 1994 |
| 5. Natural Resources Board authorization to go out for public hearings on draft rules. | May, 1994 |
| 6. Public hearings on draft rules, in four locations. | July/August, 1994 |
| 7. Evaluate comments, develop responsiveness document, revise draft codes. | September 30, 1994 |
| 8. Natural Resources Board approves administrative rule. | November, 1994 |
| 9. Rules sent to legislature (two standing committees). | January, 1995 |
| 10. Final administrative rule published. | March 1, 1995 |
| 11. Effective date of administrative rules. | July 1, 1995 |

FEDERAL 503 REGULATIONS

The long-awaited federal 503 sludge and septage regulations were printed in final form in the Federal Register on February 19, 1993. The total package of regulations that apply to both sludge and septage is quite lengthy and complex. However, I will summarize a simpler version that can be used for landspreading septage provided two conditions are met:

1. The application must be to non-public contact sites; and,
2. The septage must be from strictly domestic sources.

Non-public sites are sites which are not frequently used by the general public, such as agricultural fields, forest land, and reclamation sites. Strictly domestic means that there are no commercial or industrial wastes, such as grease trap wastes, mixed in with the septage. It does not exclude totally domestic septage from commercial or industrial sources where the septage is kept completely separate from other wastewaters. If you meet these criteria, the federal regulations require you to comply with the following:

(NOTE - YOU MUST ALSO REMAIN IN COMPLIANCE WITH CHAPTER NR 113. WHERE THERE IS A DIFFERENCE BETWEEN THE STATE AND FEDERAL REQUIREMENTS, YOU MUST FOLLOW THE MORE RESTRICTIVE ONES.)

1. Deadlines For Achieving Compliance
 - a. Monitoring, record keeping, and reporting - by 7/20/93.
 - b. With all other requirements - by 2/19/94; or if construction is necessary to achieve compliance - by 2/19/95.
2. Records That Must Be Kept For At Least Five Years
 - a. Location of the site where septage is applied.
 - b. Number of acres to which septage is applied at each site.
 - c. The date and time of each septage application.
 - d. The nitrogen requirement for the crop grown on each site during the year. While not required, you should also indicate the expected crop yield.
 - e. The number of gallons which are applied to the site during the specified 365 day period.

- f. Certification by the hauler that he has met the pathogen and vector attraction reduction requirements.
- g. A description of how the pathogen requirements were met.
- h. A description of how the vector attraction reduction requirements were met

3. Determining The Maximum Volume Of Application

The maximum volume of septage which may be applied to any site depends on the amount of nitrogen required by the planned crop and yield. (See Appendix for table of typical nitrogen uptake rates for various crops grown in Wisconsin.)

$$\text{Annual Application Rate (AAR)} \quad = \quad \frac{\text{Pounds of Nitrogen Required For the Crop \& Yield}}{0.0026}$$

(gallons/acre/year)

FOR EXAMPLE: If your crop needs 100 pounds of nitrogen per acre, you would calculate:

$$\text{AAR} \quad = \quad \frac{100 \text{ pounds/acre}}{0.0026}$$

$$\text{AAR} \quad = \quad 38,500 \text{ gallons/acre/year}$$

4. Pathogen Reduction, Site Restriction Requirements - These can be satisfied by complying with either "a" or "b" below.
- a. Raise the pH of the septage to 12 or higher by alkali addition and, without the addition of more alkali, maintain it at 12 or higher for 30 minutes; and meet crop restrictions i-iv under "c" below.
 - b. Apply septage to the site without treatment but meet crop restrictions i-vi under "c" and site restriction i under "d" below.
 - c. Crop Restrictions
 - i. Food crops with harvested parts that touch the septage/soil mixture and are totally above ground shall not be harvested from the land for 14 months after application.
 - ii. Food crops with harvested parts below the surface shall not be harvested for 20 months after application when the septage remains on the surface for four months or longer prior to incorporation.
 - iii. Food crops with harvested parts below the surface shall not be harvested for 38 months after application when the septage remains on the surface for less than four months prior to incorporation.
 - iv. Feed, fiber and other food crops shall not be harvested for 30 days after application.

- v. Animals shall not be allowed to graze on the land for 30 days after application.
 - vi. Turf grown on land where septage is applied shall not be harvested for one year after application when the harvested turf is placed on either a lawn or other land with potential for public exposure.
- d. Site Restriction
- i. Public access to land with a low potential for public exposure shall be restricted for 30 days after application. Examples of restricted access include remoteness, posting and/or simple fencing.
5. Vector Attraction Reduction - This can be satisfied by doing one of the following; either "a", "b", or "c".
- a. Immediately inject the septage below the surface of the land.
 - b. Incorporate the septage into the soil surface plow layer within six hours after application.
 - c. Raise the pH of the septage to 12 or higher by alkali addition and, without the addition of more alkali, maintain it at 12 or higher for 30 minutes.
6. Comply With The Following Management Practices
- a. Do not apply in areas where there is potential for harming threatened or endangered species of plant, fish, or wildlife or their habitat.
 - b. Do not apply to flooded or saturated soil.
 - c. Do not apply to frozen or snow-covered land such that the septage will enter a wetland or other waters of the U.S.
 - d. Do not apply septage to land that is 10 meters (33 feet) or less from the waters of the U.S.

REMEMBER, the above restrictions apply only to the disposal of septage from strictly domestic sources to non-public contact sites. If you do not meet both of these criteria, you must comply with the more elaborate requirements contained in the regulations. In any case, you must also be in compliance with the requirements contained in Chapter NR 113, Wisconsin Administrative Code, whenever they may be more restrictive than the federal regulations. If you have any questions, please contact Bob Steindorf at (608) 266-0449.

APPENDIX

Nitrogen Uptake by Various Crops in pounds/acre*

CROP	YIELD PER ACRE	UPTAKE (LBS/ACRE)
Corn	120 bu	150
	140 bu	185
Corn silage	32 tons	200
Soybeans	50 bu	257**

	60 bu	336**
Grain sorghum	8000 lbs	250
Wheat	60 bu	125
	80 bu	186
Oats	100 bu	150
Barley	100 bu	150
Alfalfa	8 tons	450**
Orchard grass	6 tons	300
Brome grass	5 tons	166
Tall fescue	3.5 tons	135
Bluegrass	3 tons	200

* These numbers are approximate. For more specific information on crop needs in your area, contact your local agricultural extension agent.

** Legumes get most of their nitrogen from the air so additional nitrogen sources are not normally needed.

HOW ARE WE DOING ON CERTIFICATION?

Many septage servicing operators and septage servicing business owners have been making good progress toward getting certified in time to meet the two deadlines given in NR 114. Anyone operating a septage servicing vehicle after March 1, 1993, must be certified as a Grade 1 operator. In order for a business license to be renewed for the July 1, 1993 to June 30, 1994 period, the owner must designate a Grade 2, operator in charge. The owner does not have to be the operator in charge, but it must be someone that is actively involved in the business. To become a Grade 2 Operator, you must pass both the Grade 1 and the Grade 2 exams.

So far, exams have been offered eight times in the past two years. Three of these times, the exams were offered at six locations throughout the state. In addition, exams have been offered to some of the larger businesses near their headquarters to save travel time for their employees.

As of the February 27, 1993 exam, 910 people have taken at least one exam and many people have taken both. Of these 910 people, 780 have passed the Grade 1 exam and 484 have also passed the Grade 2 exam.

One thing that was pretty surprising was that, so far, 20 people have recorded perfect scores on the Grade 1 exam and 2 people have recorded perfect scores on the Grade 2 exam. In addition, a number of people have scored in the 90's on both exams. This shows that there are a lot of haulers who have really done their homework and really know their business. Anyone passing the exam should be proud, but anyone getting scores that high should be especially proud.

The percent of people passing each exam varies a little each time the exam is offered. Also, the exams have been changed slightly between offerings, to improve the quality of the exams and for security reasons. Over all of the offerings, the pass rate for the Grade 1 exam has been slightly over 70 percent and the pass rate for the Grade 2 exam has been slightly under 70 percent. Most people who take both exams score higher on the Grade 1 than on the Grade 2.

Unfortunately, we still have 187 people who have taken one or both exams and still have not passed at least one of them. Hopefully many of these people will be able to retake these exams on May 12, and get a passing grade. A number of people who did not pass an exam on the first try came back and passed on a second or third try.

We are in the process of sending out certificates to everyone who is ready to be certified. If you have passed a test and still not received your certificate, it may be that we are holding it. For anyone who has indicated they want to become a Grade 2 Operator, but has only passed one of the two exams, we are holding off on issuing a certificate until both exams are passed. If you applied to take both tests but only passed the Grade 1 test, you're eligible to be certified as a Grade 1 Operator. However, you should let us know so we can issue your certificate. If you passed the Grade 2 test, but not Grade 1, you are not eligible to be certified as a Grade 2 Operator until you pass the Grade 1 test.

If you passed both tests you will be certified as a Grade 2 Operator. It is understood that anyone having a Grade 2 Certification has passed both tests. You will not get both a Grade 1 and a Grade 2 Certificate.

If you have any questions on certification, please call Tom Mickelson at (608) 266-8907.

SEPTAGE HAULER'S DECALS

Starting on July 1, all septage servicing vehicles should display a new decal. The color for 1993-94 will be yellow. The decal should be displayed on the back of the vehicle. Also, each vehicle should have the business owner's license number displayed on both sides.

If you have any questions about whether or not a vehicle is properly licensed, you should check with the septage coordinator in your district. The six coordinators are:

Jim Perry	Southern District	Madison	608/275-3325
Tom Nelson	Southeast District	Milwaukee	414/263-8635
Jim Friedrich	Lake Michigan District	Green Bay	414/492-5877
Dan Boardman	North Central District	Rhineland	715/369-8972
Lyle Gast	Western District	Eau Claire	715/839-3749
Jim Hansen	Northwest District	Park Falls	715/762-3204

TABLE 3
MAXIMUM METAL LOADINGS TO A SITE

	Maximum Site Loading based on Soil Cation Exchange Capacity (meq/100g) in lbs/ac			
	<u>Less than 5</u>	<u>5-10</u>	<u>10-15</u>	<u>Greater than 15</u>
Cadmium	4.5	9.0	13.5	18.0
Lead	445	890	1335	1750
Zinc	225	445	670	890
Copper	110	220	335	445
Nickel	45	90	135	180

16. The minimum separation distances and maximum slope requirements for different septage application alternatives are listed in Table 4.

TABLE 4

	<u>Surface Spreading</u>	<u>Incorporation</u>	<u>Injection</u>
Minimum depth from surface to bedrock and groundwater	3.0 ft	3.0 ft	3.0 ft
Maximum allowable slope (nonwinter)	6.0%	9.0%	12.0%
Maximum allowable slope (winter-site unmanaged)	2.0%	4.0%	6.0%
Maximum allowable slope (winter-site managed)	4.0%	N/A	N/A
Minimum distance to a community well	1000 ft	1000 ft	1000 ft
Minimum distance to a private or noncommunity well	200 ft	200 ft	200 ft
Minimum distance to a residence, business or recreational area	1000 ft	500 ft	500 ft
Minimum distance to a residence or business with written permission from the owner or occupant to spread closer than usual	500 ft	200 ft	200 ft
Minimum distance to a stream, river, pond, lake, sinkhole, flowage, ditch or wetland (greater than 6% to 12% slope)	N/A	100 ft	100 ft
Minimum distance to a stream, river, pond, lake, sinkhole, flowage, ditch or wetland (0% to 6% slope)	100 ft	50 ft	50 ft
Minimum distance to a dry run and a property line	50 ft	25 ft	25 ft

(c) *Special site criteria for land application of septage.* 1. Septage may be landspread seasonally on or into soils with a seasonal high groundwater level at a depth of greater than 2 feet but less than 3 feet from the surface if it is demonstrated that the soil has an available water capacity greater than 5 inches for the soil above the high groundwater level.

2. Septage may not be surface applied on fields where crops are grown which will be grazed by or fed to dairy cows within one month after septage application, or where small grains will be harvested within 3

OCONTO COUNTY SEPTAGE SITES 1993

<u>County Site #</u>	<u>Acres</u>	<u>Owner</u>	<u>Licensed Pumper</u>
OCSS 1	40	Marie Moericke	Bostwick Septic
OCSS 2	80	John Nigg	Geiter & Son
OCSS 6	100	Ed Patzer	RTS Sanitation
OCSS 7	60	David Schaal	RTS Sanitation
OCSS 9	10	Joan Radzinski	Shoreland Sanitation
OCSS 10	27	Martin Luther	Sutrick Septic
OCSS 12	9	Vincent Solomon	Sutrick Septic
OCSS 13	20	Vincent Solomon	Sutrick Septic
OCSS 14	15	Frank Konitzer	Sutrick Septic
OCSS 16	40	Frank Konitzer	Sutrick Septic
OCSS 17	75	Berlin Kaufman	Warschkow, Jack
OCSS 18	120	Jack Warschkow	Warschkow, Jack

28 Sites were on the original DNR approved list

16 Sites were removed

12 Sites remain open

SEPTIC PUMPERS THAT FREQUENTLY WORK IN OCONTO COUNTY

Bartz Septic Service
2331 Cedar Lane
Green Bay, WI 54313
414-434-1085
WDNR License #726

Bostwick Septic Service
W1425 Rose Lake
White Lake, WI 54491
715-484-3683
WDNR License #1930

Fox Valley Portables
AAA Sanitation, Inc.
1448 West Frontage Road
DePere, WI 54115
414-336-5409
WDNR License #1191

Geiter Construction, Inc.
1775 Ogden Ave
Wabeno, WI 54566
715-473-3901
WDNR License #18

Dan LaBrosse
Kountry Pumper
8188 County CC
Oconto Falls, WI 54154
1-800-236-2339
414-846-2117
WDNR License #1552

John Melland
d/b/a Shoreland Sanitation
1005 McDonald Street
Oconto, WI 54153
414-834-2563
WDNR License #1610

Randy and Tim Soper
d/b/a R.T. Sanitation
Route 3, Box 470
Pulcifer, WI 54164
WDNR License #1864

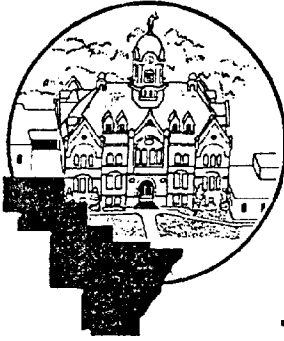
Stordeur Sanitation
3110 Glendale Avenue
Green Bay, WI 54313
414-434-2888
WDNR License #704

Robert Sutrick
d/b/a Sutrick's Septic Service
359 South Washington Street
Oconto Falls, WI 54154
414-846-2378
WDNR License #300

Jack Warschkow
d/b/a Jack's Septic
9308 County A West
Lena, WI 54139
414-829-5273
WDNR License #1503

Willems Sanitation
812 North Duluth Place
Sturgeon Bay, WI 54235
414-743-8047
WDNR License #1952

William Zachow
d/b/a Pal's Septic Service
3085 Sot Road
Abrams, WI 54101
414-826-5844
WDNR License #655



COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Mr. Lyle Fisher
10449 Central Road
Suring, Wisconsin 54174

Dear Mr. Fisher:

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

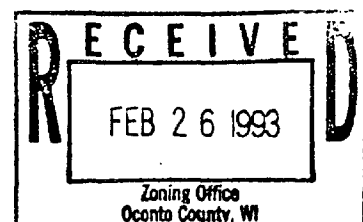
I Lyle Fisher Date: 2-24-93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

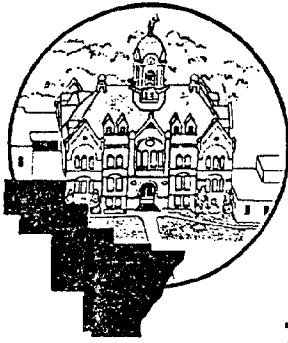
Please return this letter in the post paid, self addressed envelope at your earliest convenience.

Thank you for your cooperation in helping us update our records.

Sincerely,

Jeffrey L. Zahm
NonPoint Source Pollution Specialist





COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To :

Dear Mr.

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

Oliver Shullaby Date: 4-7-1993 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

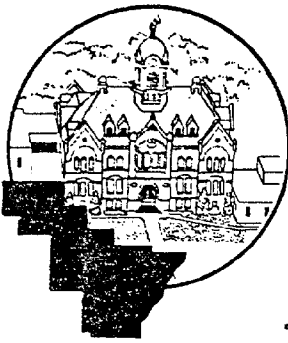
Please return this letter in the post paid, self addressed envelope at your earliest convenience.

Thank you for your cooperation in helping us update our records.

Sincerely,

Jeffrey L. Zahm

Jeffrey L. Zahm
NonPoint Source Pollution Specialist



COUNTY OF OCONTO

OFFICE OF ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Mr. Marvin Nasgovitz
10584 Marl Lake Road
Pound, Wisconsin 54161

Dear Mr. Nasgovitz:

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

I Marvin Nasgovitz Date: 2-24-93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

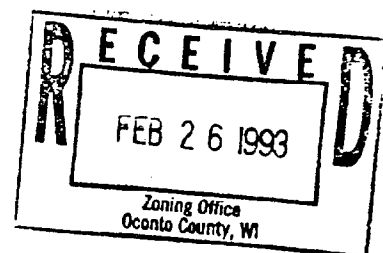
Please return this letter in the post paid, self addressed envelope at your earliest convenience.

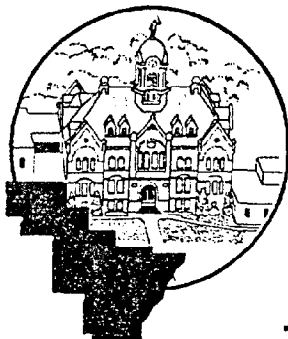
Thank you for your cooperation in helping us update our records.

Sincerely,

Jeffrey L. Zahm

Jeffrey L. Zahm
NonPoint Source Pollution Specialist





COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Mr. Joseph Fonferek
Route 1
Suring, Wisconsin 54174

Dear Mr. Fonferek:

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

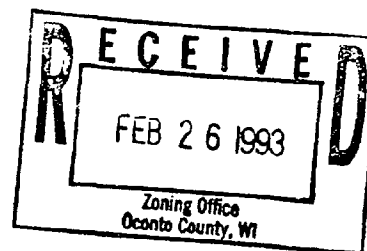
I Joseph Fonferek Date: Feb 25-93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

Please return this letter in the post paid, self addressed envelope at your earliest convenience.

Thank you for your cooperation in helping us update our records.

Sincerely,

Jeffrey L. Zahm
NonPoint Source Pollution Specialist





COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Mr. Robert Young, Jr.
10172 Highway G
Gillett, Wisconsin 54124

Dear Mr. Mr. Young:

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

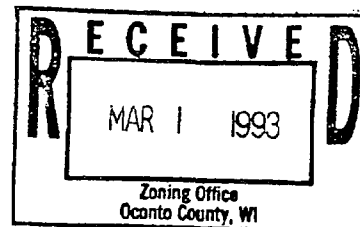
I Robert Young Jr. Date: 2-24-93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

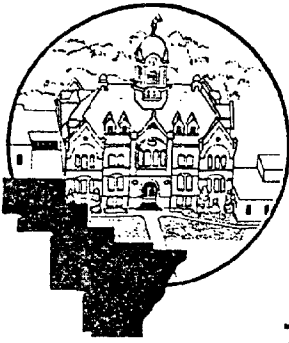
Please return this letter in the post paid, self addressed envelope at your earliest convenience.

Thank you for your cooperation in helping us update our records.

Sincerely,


Jeffrey L. Zahm
NonPoint Source Pollution Specialist





COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Mr. Ned Buhrandt
6759 Settlement Road
Gillett, Wisconsin 54124

Dear Mr. Buhrandt:

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

I Ned Buhrandt Date: 2/26/93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

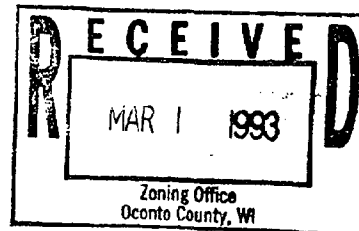
Please return this letter in the post paid, self addressed envelope at your earliest convenience.

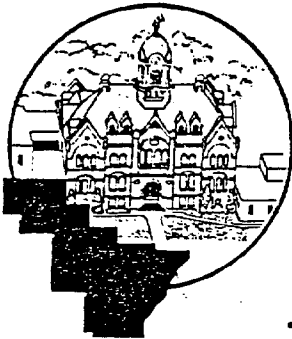
Thank you for your cooperation in helping us update our records.

Sincerely,

Jeffrey L. Zahm

Jeffrey L. Zahm
NonPoint Source Pollution Specialist



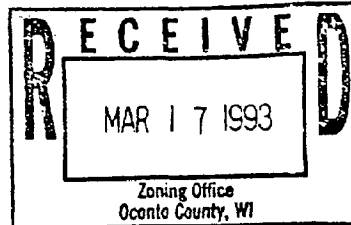


COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993



To : Ms. Alegra LaPoint
Mr. Milo Soper
1566 West 9th Avenue
Oshkosh, Wisconsin 54901

Location : SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 9, T28N, R19E, Town of Oconto Falls (40 acres)

Dear Mr. Soper and Ms. LaPoint:

The Oconto County Zoning Office has been updating all the licensed septage sites in the county. According to the records sent to us by the Department of Natural Resources, your property has been licensed as a septage disposal site. In order to update our records we need to know if you would like to have your site/s remain active or not. Please check the appropriate box below.

Yes, I would like my site/s to remain on the list of active sites.

No, I would like my site/s removed from the list of active sites.

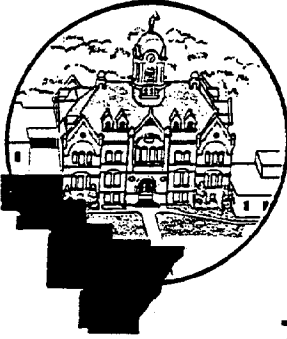
If you checked no please sign and date the enclosed form stating you would like your name removed from the DNR's list.

Please send your reply in the post paid, self addressed envelope at your earliest convenience.

If you have any questions feel free to contact me at the Oconto County Zoning Office. (414) 834-6832.

Sincerely,

Jeffrey L. Zahm
NonPoint Source Pollution Specialist

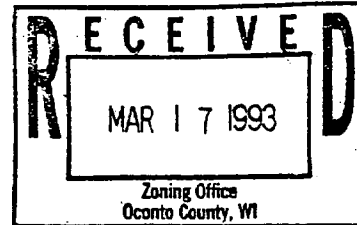


COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993



I Alegre LaPoint Date: 2/27/93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

If you would like your site to remain open please return the form with the appropriate box checked. If you no longer want your site to remain active please sign and date this form and return it to our office.

Sincerely,

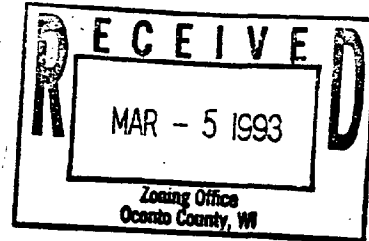
Jeffrey L. Zahm
Jeffrey L. Zahm
NonPoint Source Pollution Specialist



COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827



February 23, 1993

To : Arndt, Inc.
7512 Arndt Road
Lena, Wisconsin 54139

Dear Mr. Arndt:

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

I Mitchell R. Arndt, Inc Date: 2/28/93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

Please return this letter in the post paid, self addressed envelope at your earliest convenience.

Thank you for your cooperation in helping us update our records.

Sincerely,

Jeffrey L. Zahm

Jeffrey L. Zahm
NonPoint Source Pollution Specialist

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: May, 1993
R.T.S. Sanitation(Soper) PHOTOS TAKEN? Yes
Route 3, Box 470 SOIL MAP: Oeb, Sd, Co, FsC, OeE, KvB
Pulcifer, WI 54164 WETLAND MAP: T3K
FLOODPLAIN: clear

LANDOWNER: LOCATION: Town of Gillett
Ed Patzer, Jr. N 1/2, section 33
5292 Patzer Ln T28N, R18E
Gillett, WI 54124 100 acres approved

TAX PARCEL: 016-33-330011A SITE NUMBER: OCSS 6
016-33-3300412, 016-33-330052, 016-33-3300621

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

SEE ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: < 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: Yes, about 1 acre
location of surface waters: none
evidence of rock outcroppings: none
degree and extent of slope: 6-12%
drainage patterns: none evident
condition of field: Hay and recently worked for crops

evidence of septage application: none
public access: No, remote location

COMMENTS:

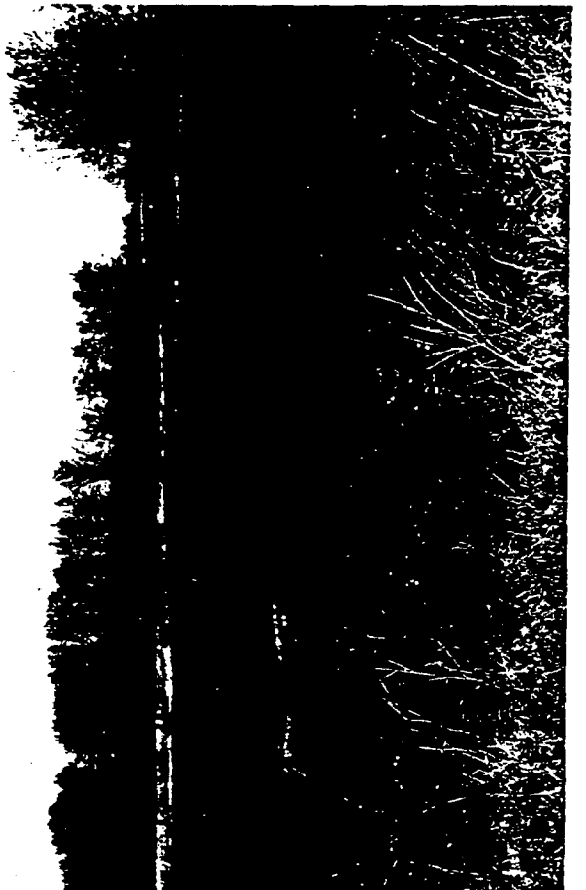
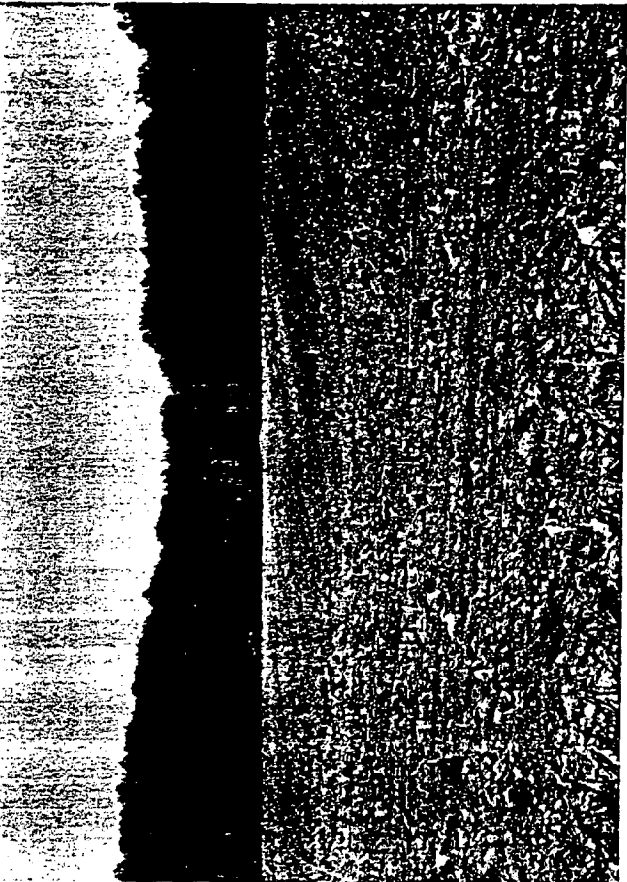
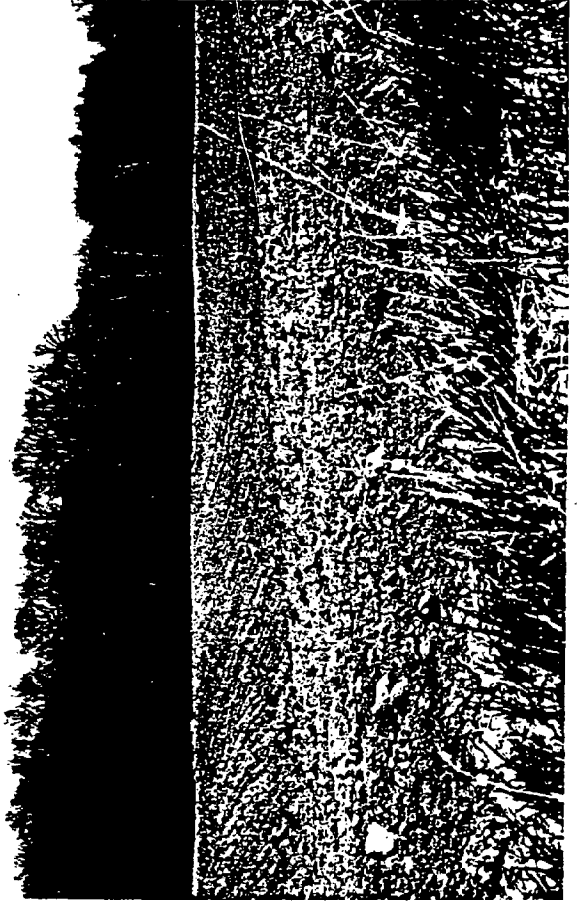
Spreads on 5 fields all being used for crop production
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

RECOMMENDATIONS: Limit spreading to areas with smaller slopes and
avoid low areas. If limitations are followed may continue use.

OCSS 6 - Ed Patzer

BORINGS:

- # 1: 0-13" Med Bn l, 13-17" R-Bn sil, 17-26" Gy-R sicl, 26-37" Brt R c, flf motts at 37"
- # 2: 0-10" med Bn l, 10-16" R-Bn l, 16-24" R-gy cl, > 24" R c, flf motts at 40"
- # 3: 0-10" med Bn l, 10-22" R scl, 22-36" R cl, > 36" lt Bn scl
- # 4: 0-10" med Bn l, 10-20" R cl, flf motts at 20", 20-26" R c, > 26" till
- # 5: 0-12" dk Bn l, 12-17" Bn sl, 17-39" lt Bn fs, sat at 39"
- # 6: 0-14" dk Bn l, 14-26" R scl, 26-31" R c, 31-40" R s, sat at 36", > 40" R c
- # 7: 0-14" dk Bn l, 14-24" R scl, 24-30" R c, 30-39" R s, sat at 38", > 39" R c
- # 8: 0-12" dk Bn sil, 12-23" lt Bn s, c2p motts at 20", sat at 22", > 23" till
- # 9: 0-12" dk Bn l, 12-16 lt Bn scl, 16-25" R cl, 25-33" R c, > 33" till
- # 10: 0-12" dk Bn sil, 12-40" R s, > 40" R sc
- # 11: 0-12" dk Bn l, 12-33" R ls, 33-40" R cl



SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: Bostwick Septic
W 1425 Rose Lake
White Lake, WI 54491

MAY , 1993
PHOTOS TAKEN? Yes
SOIL MAP: MnB, MnC, PsD, PkC
WETLAND MAP: < 5 acres (2)
FLOODPLAIN: clear

LANDOWNER: Marie Moericke
13727 Silver Hill Rd
Mountain, WI 54149

LOCATION: Town of Armstrong
NW1/4, NE1/4, Section 13
T31N, R16E
40 acres approved

TAX PARCEL: 004-13-1301512

SITE NUMBER: OCSS 1

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:
BORINGS:

- # 1: 0-10" med Bn sil, 10-19" R ms, 19-47" Brt R s, 47-57" Bn s
- # 2: 0-12" Dk Bn l, 12-18" R ls, 18-45" R s, 45-60" Lt Bn s
- # 3: 0-10" Bn sil, 10-18" Rls, 18-47" R s, 47-60" Lt Bn s
- # 4: 0-10" Dk Bn sil, 10-19" R s, 19-48" Brt R s, 48-60" Lt Bn s
- # 5: 0-10" Dk Bn sil, 10-20" R scl, 20-48" R s, 48-60" Bn s

SITE INSPECTION:

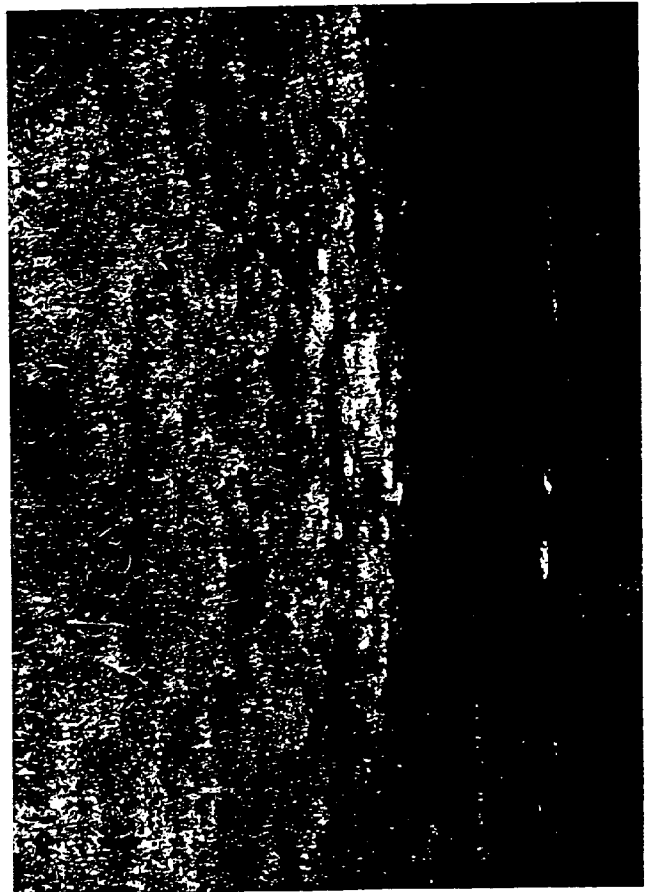
location of nearby residences: < 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 3%
drainage patterns: None evident
condition of field: Hay

evidence of septage application: Yes, some puddling
public access: Yes, From public road

COMMENTS:

Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3) (b) 16. Table 4

RECOMMENDATIONS: May continue use of this field



SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: R.T.S. Sanitation (Soper)
Route 3, Box 470
Pulcifer, WI 54164

MAY , 1993
PHOTOS TAKEN? Yes
SOIL MAP: Es, OeB, OeC2, SoA
WETLAND MAP: S3K
FLOODPLAIN: 245, clear

LANDOWNER: David Schaal
10063 Schaal Rd
Gillett, WI 54124

LOCATION: Town of Gillett
S1/2, NE1/4, Section 20
T28N, R18E
60 acres approved

TAX PARCEL: 016-20-2000313
016-20-2000414

SITE NUMBER: OCSS 7

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

SEE ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: < 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 2-6%
drainage patterns: None evident
condition of field: Recently worked for planting

evidence of septage application: None
public access: Yes, off public road - John Lane

COMMENTS:

Should only use middle of field to meet setbacks to residences
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

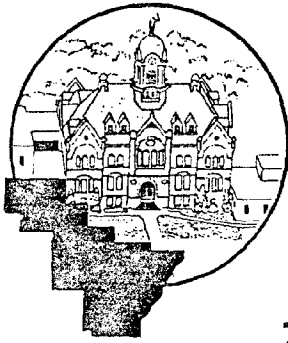
RECOMMENDATIONS: May continue use of this site

OCSS 7 (DAVID SCHAAL)

BORINGS:

- # 1: 0-7" Bn sil, 7-21" Bn l, 21-38" R scl
- # 2: 0-8" Bn sil, 8-22" Bn l, 22-40" R scl
- # 3: 0-23" Bn scl, 23-39" R sc
- # 4: 0-14" Bn sil, 14-22" R sl, 22-31" R s, 31-38" R sl
- # 5: 0-8" Bn sil, 8-21" Bn l, 21-40" R scl
- # 6: 0-12" Bn sil. 12-23" Bn l, 23-40" R scl
- # 7: 0-7" Bn sil, 7-22" Bn l, 22-40" R scl





COUNTY OF OCONTO

OFFICE OF ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Frank Konitzer
7727 Konitzer Road
Oconto Falls, WI 54154

Location : T27N, R19E
SE1/4, NE1/4 Section 2
15 acres

Dear Mr.

The Oconto County Zoning Office has been updating all the licensed septage sites in the county. According to the records sent to us by the Department of Natural Resources, your property has been licensed as a septage disposal site. In order to update our records we need to know if you would like to have your site/s remain active or not. Please check the appropriate box below.

- Yes, I would like my site/s to remain on the list of active sites.
- No, I would like my site/s removed from the list of active sites.

If you checked no please sign and date the enclosed form stating you would like your name removed from the DNR's list.

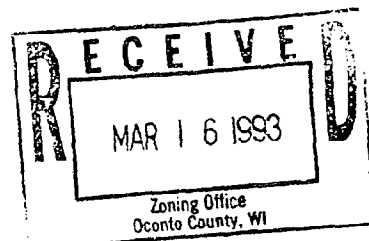
Please send your reply in the post paid, self addressed envelope at your earliest convenience.

If you have any questions feel free to contact me at the Oconto County Zoning Office. (414) 834-6832.

Sincerely,

Jeffrey L. Zahm

Jeffrey L. Zahm
NonPoint Source Pollution Specialist



SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER:
Sutrick Septic Service
359 South Washington St
Oconto Falls, WI 54154

MAY , 1993
PHOTOS TAKEN? Yes
SOIL MAP: Sfb, WfK
WETLAND MAP: T3K
FLOODPLAIN: 270, small floodplain

LANDOWNER:
Frank Konitzer
7727 Konitzer Rd
Oconto Falls, WI 54154

LOCATION: Town of Morgan
SE1/4, NE1/4, Section 2
T27N, R19E
15 acres approved

TAX PARCEL: 028-02-0200414

SITE NUMBER: OCSS 14

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

BORINGS:

- # 1: 0-10" med Bn s, 10-34" R ms, 34-39" lt Bn s, >39" Lt Bn sl.
- # 2: 0-10" med Bn s, 10-36" R s, 36-42" lt Bn s, >42" lt Bn sl
- # 3: 0-10" Bn ls, 10-36 R s, 36-44" lt Bn s
- # 4: 0-10" Bn ls, 10-34 R s, 34-44" lt Bn s

SITE INSPECTION:

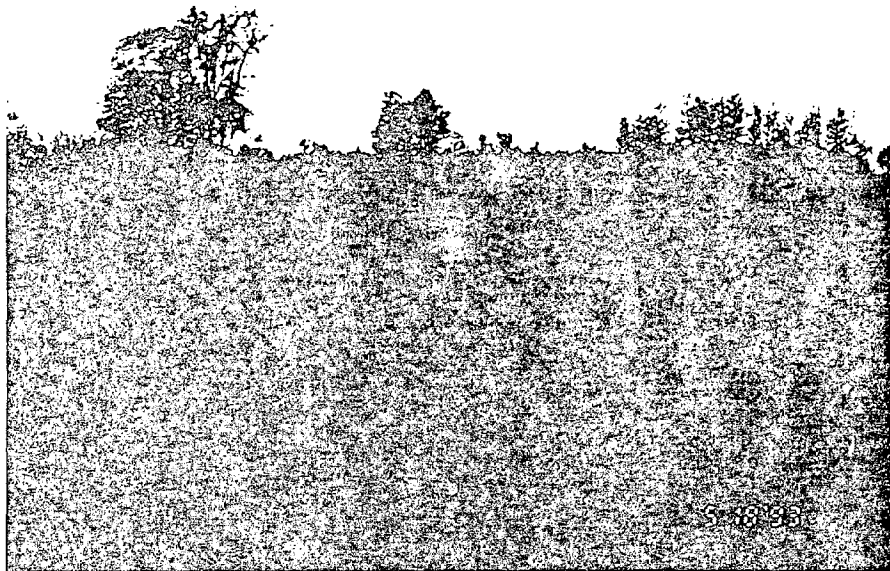
location of nearby residences: > 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 0-2%
drainage patterns: None evident
condition of field: Hay

evidence of septage application: Yes
public access: No, remote

COMMENTS:

Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4.

RECOMMENDATIONS: Good soil conditions - May continue use



SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER:
Sutrick Septic Service
359 South Washington St
Oconto Falls, WI 54154

MAY , 1993
PHOTOS TAKEN?
SOIL MAP:
WETLAND MAP:
FLOODPLAIN:

LANDOWNER:
Martin Luther
10502 Town Hall Rd
Gillett, WI 54124

LOCATION: Town of Oconto Falls
SE1/4, NW1/4, Section 21
T28N, R19E
27 acres approved

TAX PARCEL: 032-21-2100924

SITE NUMBER: OCSS 10

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

SEE ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: > 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 2-6 %
drainage patterns: None evident
condition of field: Recently worked to plant

evidence of septage application: None
public access: No, Back end of 80 acre field

COMMENTS:

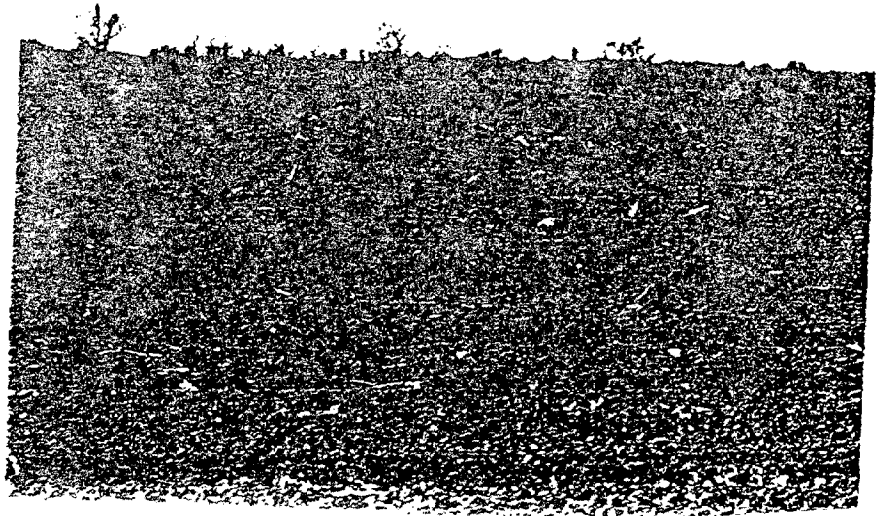
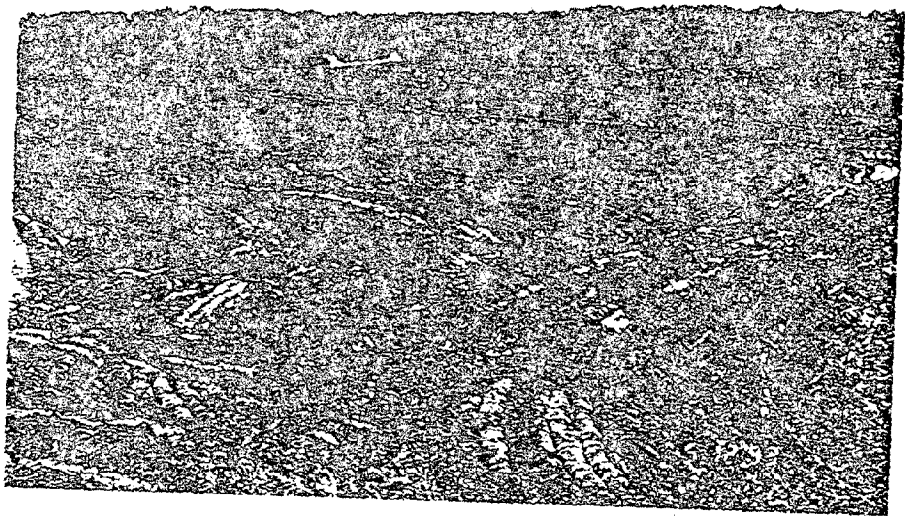
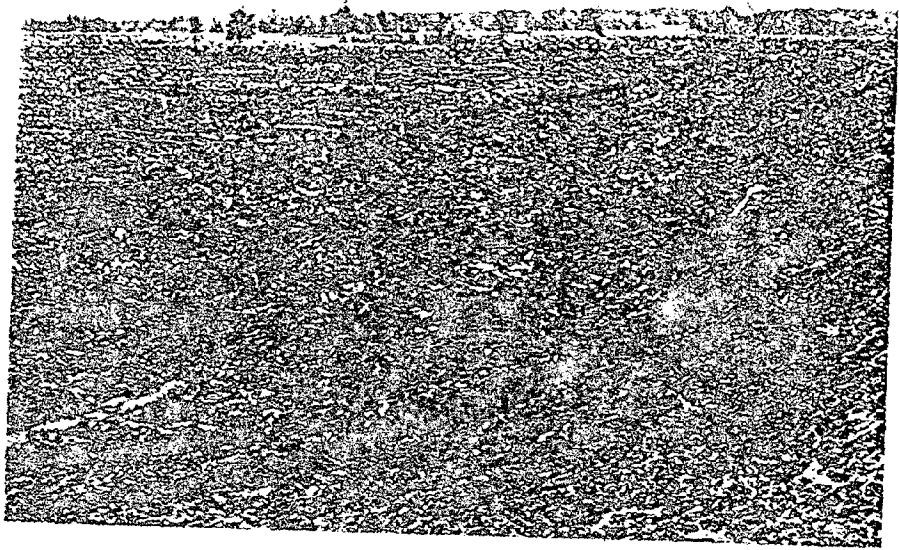
Make sure setbacks are maintained at southn end of field
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

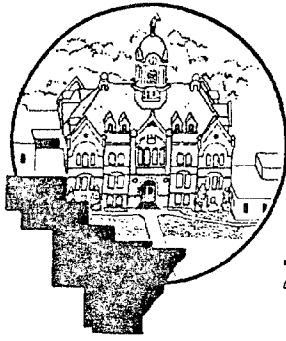
RECOMMENDATIONS: May continue use of this field

OCSS 10 (MARTIN LUTHER)

BORINGS :

- #1: 0-14" Dk Bn l, 14-25" R scl, 25-35" R sic, > 35" till, flf motts at 36"
- #2: 0-15" Dk Bn sil, 15-23" R scl, 23-37" R sc > 37" till, flp motts at 35"
- #3: 0-14" med Bn l, 14-27" Lt Bn scl, 27-36" R c, > 36" till, flf motts at 38"
- #4: 0-14" med Bn l, 14-24" Lt Bn sil, 24-38" R c, > 38" till, clp motts at 37"
- #5: 0-14" med Bn l, 14-25" R scl, 25-36" R sic, > 36" till, flf motts at 36"
- #6: 0-15" Bn sil, 15-24" Lt Bn scl, 24-37" R c, > 37" till, flp motts at 36"





COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

May 17, 1993

To: Ferris Bieber
9049 Hwy 141 N
Lena, WI 54139

Dear Mr. Bieber,

The Oconto County Zoning Office is conducting field evaluations of all the DNR approved septage spreading sites in the county.

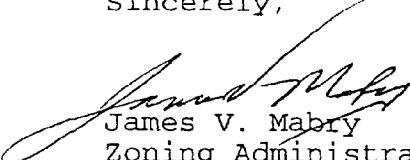
A field inspection was conducted at your site on May 13, 1993. This site was evaluated based on Wisconsin Administrative Code NR 113.03(3)(b)16 Table 4. This site fails to meet the following criteria of NR 113:

- (1) Minimum of 3 ft separation from the surface of the ground to high groundwater or zones of seasonally saturated soils.
- (2) Minimum distance to residence - 1,000 ft

Based on these findings, this site may no longer be used as a land spreading site for septage.

Enclosed is a copy of the inspection report and a copy of NR 113 which the decision was based on.

Sincerely,


James V. Mabry
Zoning Administrator

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER:
Sutrick's Septic Service
359 South Washington St
Oconto Falls, WI 54154

MAY , 1993
PHOTOS TAKEN? Yes
SOIL MAP:Es,OeB,SoA,OeC2,OmB
WETLAND MAP: < 5 acres
FLOODPLAIN: #200,clear

LANDOWNER:
Ferris Bieber
9049 Hwy 141 N
Lena, WI 54139

LOCATION: Town Lena
E1/2, SE1/4, section 10
T29N, R20E
80 acres approved

TAX PARCEL:020-10-1002444 SITE NUMBER: OCSS 15
020-10-1002041, 020-10-1002141A

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

SEE ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: < 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: Yes
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 0-2%
drainage patterns:None evident
condition of field: Old corn stubble

evidence of septage application: None
public access: Remote - have to go through yard

COMMENTS:

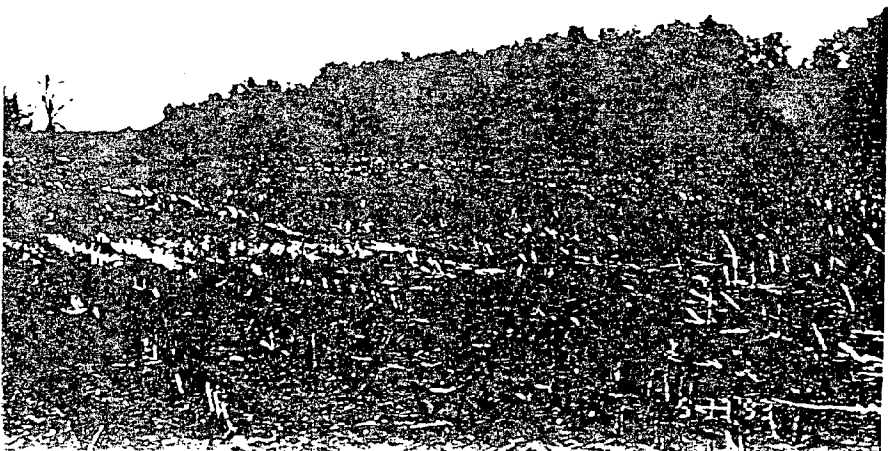
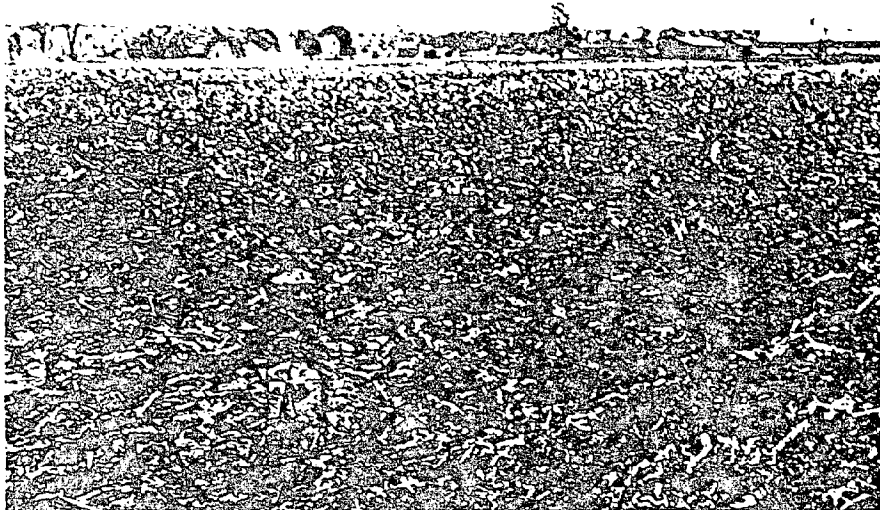
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4
Low areas have some standing water at this time

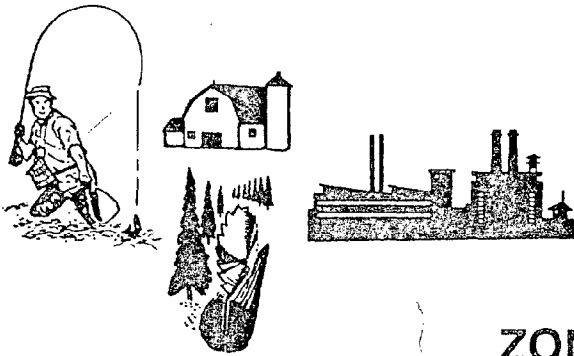
RECOMMENDATIONS: Discontinue use of this field

OCSS 15 - Ferris Bieber

BORINGS:

- Boring 1: 0-12" Dk Bn l, 12-21" med Bn sil, flf motts at 21", 21-26" med R grvly cl, c2p motts at 23", sat at 26.
- Boring 2: 0-12" Dk Bn l, 12-17" Br sil, 17-21" Br sl, flf motts at 21", 21-30" R sc, c3p motts at 26."
- Boring 3: 0-10" Dk Bn l, 10-17" Bn sil, 17-32" R grvly sl, c3p motts at 28", sat at 32".
- Boring 4: 0-11" Dk Bn l, 11-17" Bn sil, 17-32" R grvly sl c2p motts at 28", sat at 32".
- Boring 5: 0-13" Dk Bn l, 13-22" med Bn sl, flp motts at 21", 22-33" grvly fs, c3p motts at 32".
- Boring 6: 0-11" Dk Bn l, 11-19" cs, 19-26" fs, 26-32" grvly sc, m2p motts at 28", sat at 32".
- Boring 7: 0-12" Dk Bn l, 12-20" med R sil, 20-29" sl, f2p motts at 28", 29-34" grvly fs, sat at 32".
- Boring 8: 0-11" med Bn l, 11-16" Bn sil, 16-28" cs, 28-36" gy ls, c2p motts at 30", sat at 32".
- Boring 9: 0-12" Dk Bn l, 12-18" med Bn sil, 18-30" cs, 30-36" gy ls, f2p motts at 32", sat at 34".
- Boring 10: 0-12" Dk Bn l, 12-21" med Bn sl, flf motts at 21", 21-26" med R grvly cl, c2p motts at 23", sat at 26".





OCONTO COUNTY

OFFICE OF

ZONING ADMINISTRATOR

Phone: 414-834-6827

May 17, 1993

To: John Nigg
14992 Island Lake Rd
Mountain, WI 54149

Dear Mr. Nigg,

The Oconto County Zoning Office is conducting field evaluations of all DNR approved septage spreading sites in the county.

A field inspection on your site listed to be in the N1/2, NE 1/4, of section 23 was conducted on May 11, 1993. This visit found the majority of the acreage listed to be planted in trees and the remaining part may continue to be used for land spreading of septage.

Based on these findings, the open portion of this site may continue to be used as a spreading site for septage.
Enclosed is a copy of the inspection report and the findings.

Sincerely,

James V. Mabry
Zoning Administrator

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: Geiter Construction, Inc
1775 Ogden Av
Wabeno, WI 54566

MAY , 1993
PHOTOS TAKEN? Yes
SOIL MAP:PaB,PkB
WETLAND MAP:Clear
FLOODPLAIN:Clear

LANDOWNER: John Nigg
14992 Island Lake Rd
Mountain, WI 54149

LOCATION: Town Doty
N1/2, NE1/4, Section 23
T32, R15
80 acres approved

TAX PARCEL:014-41-2300111
014-41-2300212

SITE NUMBER: OCSS 2

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

NO BORINGS TAKEN - FIELD APPROVED BY JIM FRIEDRICH, FROM AN
ONSITE VISIT

SITE INSPECTION:

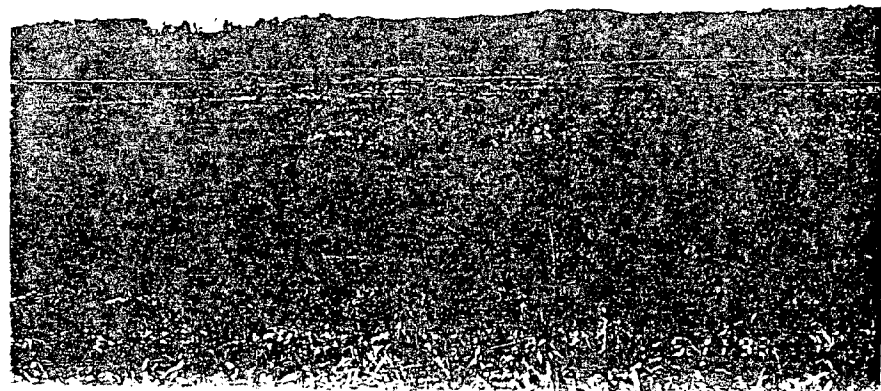
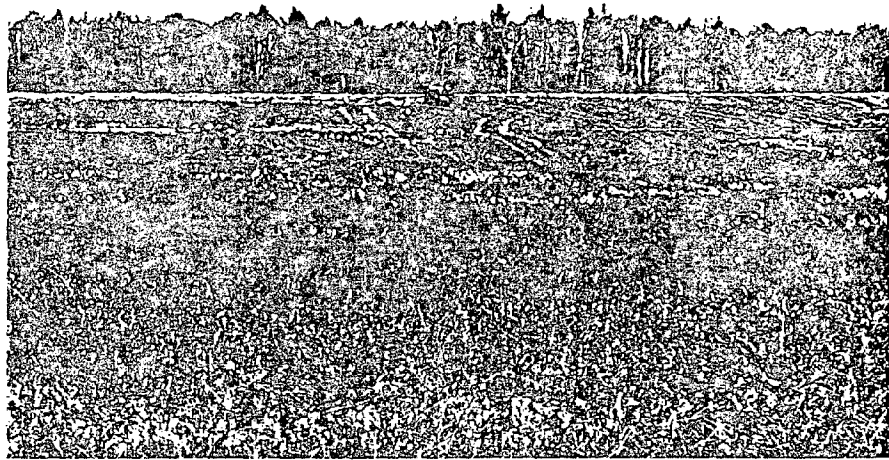
location of nearby residences:> 1,000 ft
location of nearby wells:> 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 3%
drainage patterns:None visible
condition of field: Dormant, now planted with trees

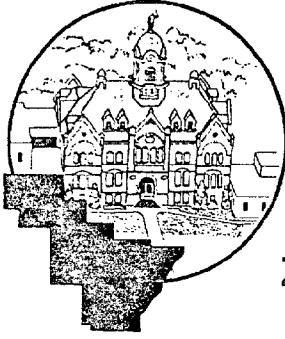
evidence of septage application: None
public access: Yes, access from public roads on each side

COMMENTS:

Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3) (b) 16. Table 4

RECOMMENDATIONS: May continue use of this site





COUNTY OF OCONTO

OFFICE OF

ZONING ADMINISTRATOR

Phone: 414-834-6827

May 17, 1993

To: Arne Peterson
6336 Goatsville Road
Lena, WI 54139

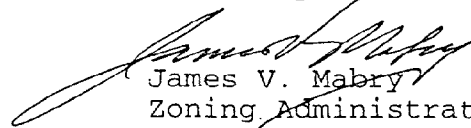
Dear Mr. Peterson,

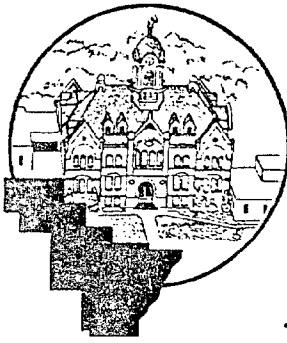
The Oconto County Zoning Office is conducting field evaluations of all DNR approved septage spreading sites in the county.

A visit was made to your home on May 14, 1993. Your wife indicated that your site was only used for waste generated on your farm and no public septage would be spread there.

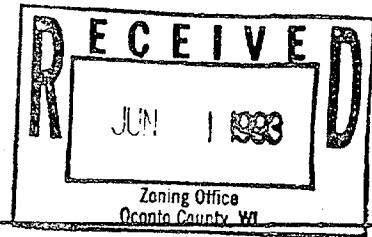
This office was informed by Jim Friedrich, Septage and Laboratory Specialist - WDNR, that a site used for farm generated waste does not need to be on their list of approved sites. Based on this, the county has made a request to have your site removed from the list of active sites used for the spreading of public septage.

Sincerely,


James V. Mabry
Zoning Administrator



COUNTY OF OCONTO



OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Mr. Arne Peterson
6336 Goatsville Road
Lena, WI 54139

Dear Mr. Mr. peterson:

This letter is in regards to the septage site update, conducted by the Oconto County Zoning Office, which I previously discussed with you on the phone. If you will sign and date the statement below, your name will be removed from the list of active sites printed by the Department of Natural Resources.

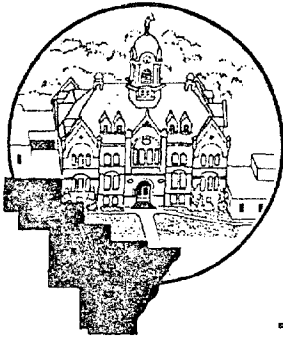
I Arne D. Peterson Date: 5/25/93 would like my name removed from the DNR's list so my site/s will no longer be regarded as active for the spreading of public septage.

Please return this letter in the post paid, self addressed envelope at your earliest convenience. *NOTE ENCLOSED.*

Thank you for your cooperation in helping us update our records.

Sincerely,

Jeffrey L. Zahm
NonPoint Source Pollution Specialist



COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

May 24, 1993

To: John Shepherd
9531 CCC Road
Oconto Falls, WI 54154

Dear Mr. Shepherd,

The Oconto County Zoning Office is conducting field evaluations of all the DNR approved septage spreading sites in the county.

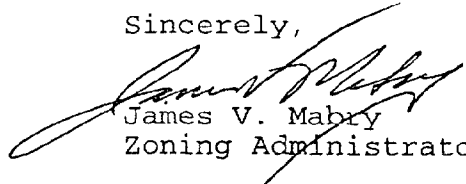
A field inspection was conducted at your site on May 24, 1993. This site was evaluated based on Wisconsin Administrative Code NR 113.08(3)(b)16 Table 4. This site fails to meet the following criteria of NR 113:

- (1) Minimum of 3 ft separation from the surface of the ground to high groundwater or zones of seasonally saturated soils.
- (2) Minimum distance to residence - 1,000 ft

Based on these findings this site should no longer be used as a land spreading site for septage.

Enclosed is a copy of the inspection report and a copy of NR 113 which the decision was based on.

Sincerely,


James V. Mabry
Zoning Administrator

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: Sutrick Septic Service
359 South Washington St
Oconto Falls, WI 54154

May, 1993
PHOTOS TAKEN? No
SOIL MAP: OeB,OeC2,OcB,OcD
WETLAND MAP: clear
FLOODPLAIN:265,330,clear

LANDOWNER: John Shepherd
9531 CCC Road
Oconto Falls, WI 54154

LOCATION: Town of Morgan
Nel/4, Nw1/4, section 7
T27N, R19E
21 acres approved

TAX PARCEL: 028-07-0700521 SITE NUMBER: OCSS 11

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:
BORINGS:

- # 1: 0-10" dk Bn sil, 10-33" R sc, f2p motts at 26", sat at 33"
- # 2: 0-10" dk Bn sil, 10-36" R sc, c3p motts at 30", sat at 34"
- # 3: 0-11" dk Bn sil, 11-36" R-Bn sc, c2d motts at 30", sat at 34"
- # 4: 0-10" dk Bn sil, 10-30" R sc, 30-36" R c, f3p motts at 34"
- # 5: 0-10" dk Bn l, 10-14" Bn scl, 14-34" R sc, c2p motts at 30", sat at 33"

SITE INSPECTION:

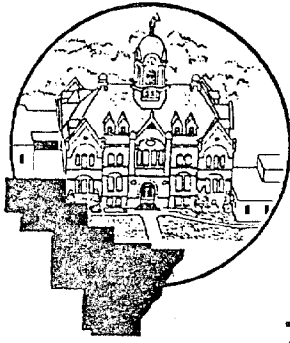
location of nearby residences: < 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 0-2%
drainage patterns: None evident
condition of field: Hay field

evidence of septage application: None
public access: Yes, from CCC Rd

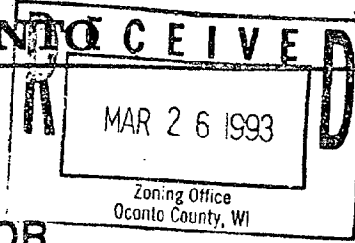
COMMENTS:

Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

RECOMMENDATIONS: site should no longer be used due to poor soils



COUNTY OF OCONTO RECEIVED



OFFICE OF ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Joan Radzinski
3491 Airport Road
Oconto, WI 54153

Location : T28N, R21E, N1/4; NE1/4
Section 34, Town of Oconto
10 acres

Dear Ms. Radzinski,

The Oconto County Zoning Office has been updating all the licensed septage sites in the county. According to the records sent to us by the Department of Natural Resources, your property has been licensed as a septage disposal site. In order to update our records we need to know if you would like to have your site/s remain active or not. Please check the appropriate box below.

- Yes, I would like my site/s to remain on the list of active sites.
- No, I would like my site/s removed from the list of active sites.

If you checked no please sign and date the enclosed form stating you would like your name removed from the DNR's list.

Please send your reply in the post paid, self addressed envelope at your earliest convenience.

If you have any questions feel free to contact me at the Oconto County Zoning Office. (414) 834-6832.

Sincerely,


Jeffrey L. Zahm
NonPoint Source Pollution Specialist

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: May, 1993
John Melland PHOTOS TAKEN? Yes
d/b/a Shoreland Sanitation SOIL MAP: MoB, IsA, RSB, WaA
1005 McDonald Street WETLAND MAP: clear
Oconto, WI 54153 FLOODPLAIN: clear

LANDOWNER: LOCATION: Town of Oconto
Joanne Radzinski N1/2, NE1/4, section 34
3491 Airport Rd T28N, R21E
Oconto, WI 54153 10 acres approved

TAX PARCEL: 030-32-3400212 SITE NUMBER: OCSS 9

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

BORINGS:

- # 1: 0-10" Dk Bn ls, 10-31" R s, 31-47" Lt Bn s, m3p motts at 44",
sat at 46"
- # 2: 0-10" Dk Bn ls, 10-30" R s, 31-48" Lt Bn s, m3p motts at 45",
sat at 46"
- # 3: 0-10" Dk Bn ls, 10-31" R s, 31-45" Lt Bn s, m3p motts at 45"

SITE INSPECTION:

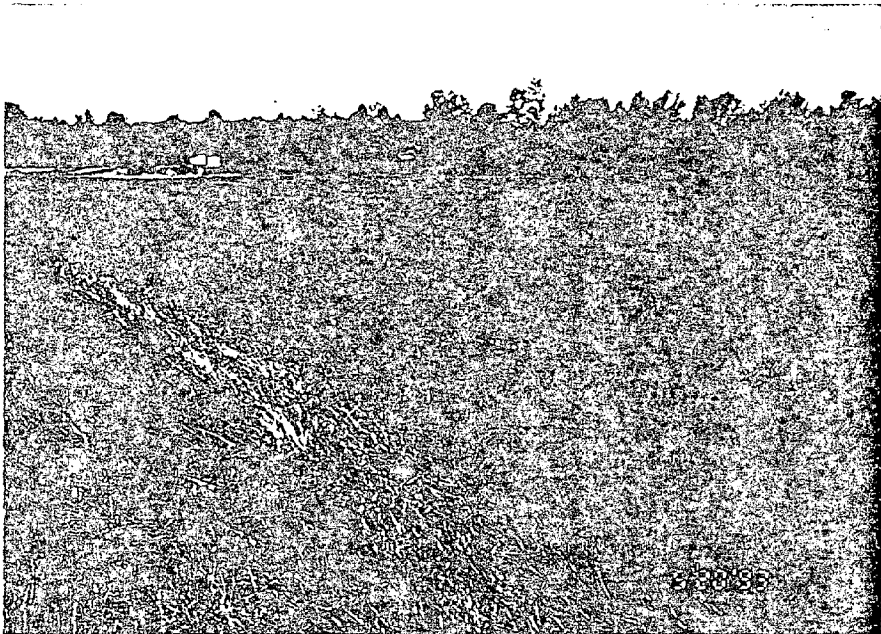
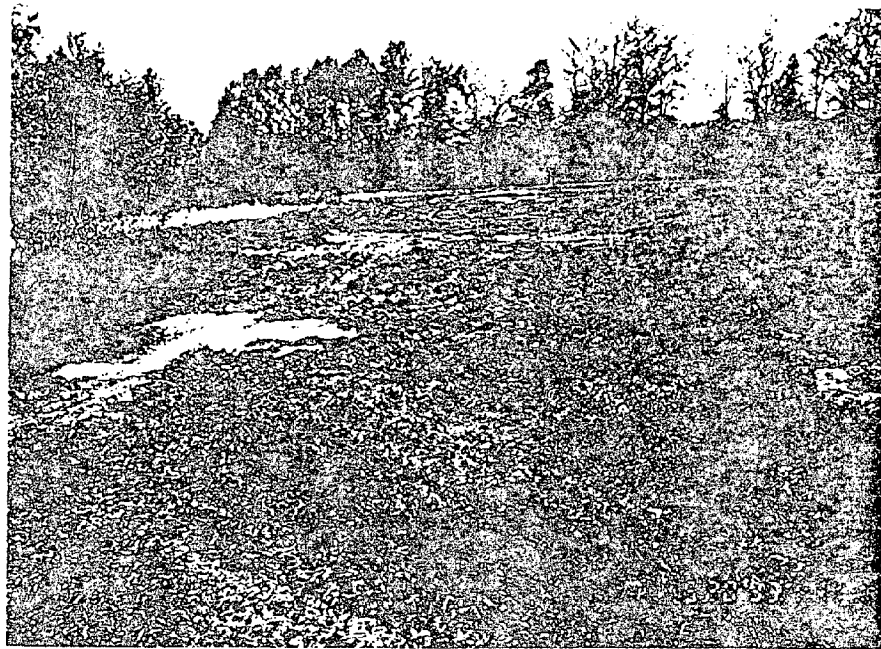
location of nearby residences: > 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: Nearly level
drainage patterns: None evident
condition of field: Hay field

evidence of septage application: Yes, piles and truck tracks
public access: No, remote

COMMENTS:

Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

RECOMMENDATIONS: May continue use of this field



SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: May, 1993
Jack Warschkow PHOTOS TAKEN? Yes
9308 County A SOIL MAP: Wd, ShA, OeB, MoB, MoD
Lena, WI 54139 WETLAND MAP: 83K
FLOODPLAIN: 260, clear

LANDOWNER: LOCATION: Town of Spruce
Jack Warschkow E1/2, NE1/4, section 30
9308 County A T29N, R19E
Lena, WI 54139 120 acres approved

TAX PARCEL: 038-19-1902144 SITE NUMBER: OCSS 18
038-30-3000111, 038-30-3000414

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

SEE ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: > 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: none
location of surface waters: none
evidence of rock outcroppings: none
degree and extent of slope: 2-6%
drainage patterns: none evident
condition of field: Hay field

evidence of septage application: Yes, truck tracks
public access: No, remote

COMMENTS:

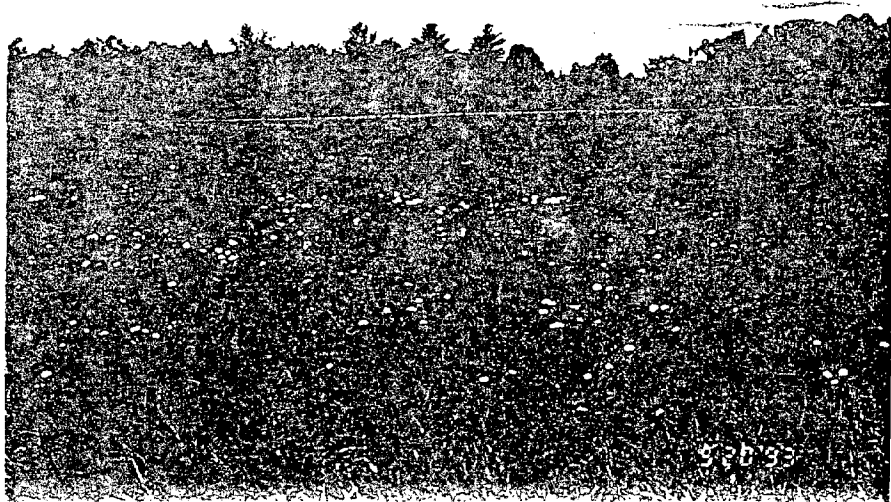
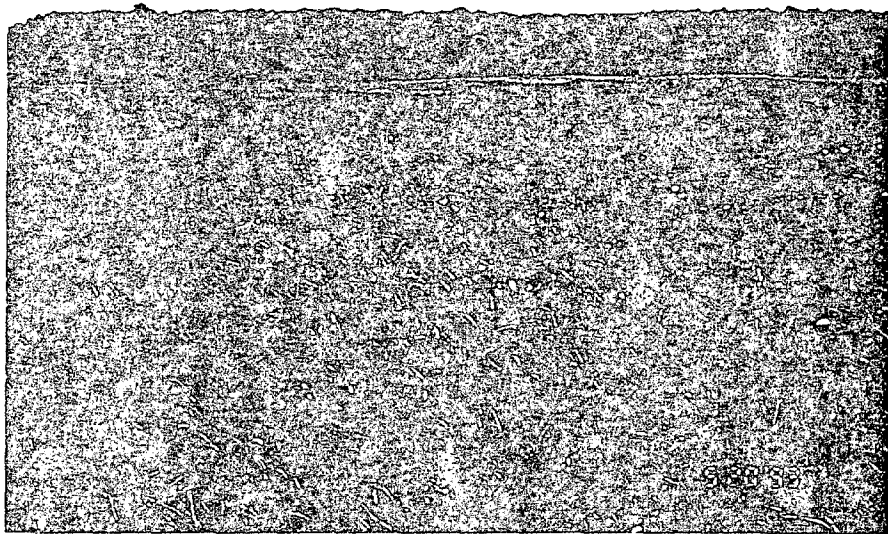
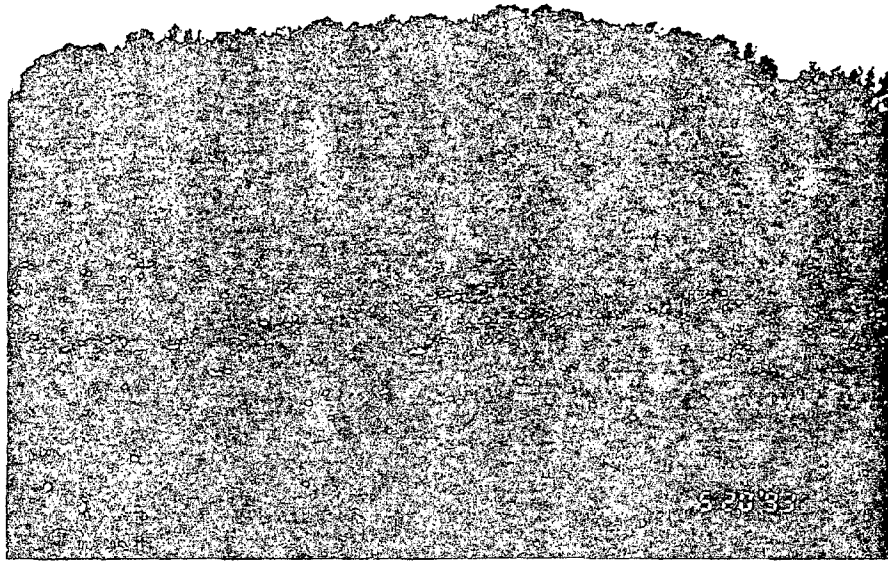
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

RECOMMENDATIONS: May continue use of this site

OCSS 18 - Jack Warschkow

BORINGS:

- # 1: 0-10" dk Bn l, 10-18" med Bn sil, 18-24" R c, f2p motts at 24" , 24-29" R scl, c2p motts at 26" sat at 29"
- # 2: 0-10 dk Bn sil, 10-25" med Bn l, 25-33" med Bn scl, 33-50" ls
- # 3: 0-10" dk Bn sil, 10-20" med Bn l, 20-36" R c, flp motts at 34", > 36" gy till
- # 4: 0-10" dk Bn sil, 10-19" Bn l, 19-37" R sic, flp motts at 34", > 37" gy till
- # 5: 0-11" dk Bn sil, 11-16" med Bn l, 16-32" R sic, 32-43" R scl
- # 6: 0-11" dk Bn sil, 11-16" med Bn l, 16-22" med Bn fs, 22-36" R cs, 36-40" gy sic
- # 7: 0-11" dk Bn sil, 11-16" Bn l, 16-24" med Bn fs, 24-36" R cs, 36-44" gy sic
- # 8: 0-10" dk Bn sil, 10-16" med Bn l, 16-24" R cl, 24-30" med Bn sic, 30-36" med Bn sicl, > 36" gravel
- # 9: 0-10" dk Bn sil, 10-16" med Bn l, 16-24" R cl, 24-32" med Bn sic, 32-36' med Bn sicl, > 36" gravel
- # 10: 0-10" dk Bn sil, 10-16" med Bn l, 16-26" R cl, 26-32" med Bn sic, 32-39" med Bn grvly sicl
- # 11: 0-18" dk Bn l, 18-22" Bl sl, 22-50" R ms, > 50" R cs
- # 12: 0-16" dk Bn l, 16-22" Bl sl, 22-50" R s, > 50" R cs
- # 13: 0-16" dk Bn sil, 16-22" Bl sl, 22-50" R s, > 50" r cs



SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: May, 1993
Pals Septic Service PHOTOS TAKEN? Yes
3085 Sot Rd SOIL MAP: Es, OeB, MoB, SoA, Sd
Abrams, WI 54101 WETLAND MAP: S3K < 5 acres
FLOODPLAIN: # 330, clear

LANDOWNER: LOCATION: Town of Morgan
Julius Kaczmarowski SW1/4, NW1/4, section 21
8667 Morgan Marsh Rd T27N, R19E
Oconto Falls, WI 54154 40 acres approved

TAX PARCEL: 028-21-2101222 SITE NUMBER: OcSS 3

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

REMOVED FROM DNR LIST BY JIM FRIEDRICH DUE TO PAPER FOR FIELD
APPROVAL NOT BEING SUBMITTED

SOIL INSPECTION ON ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: > 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: Yes, about 1 acre
location of surface waters: Wetland, < 200 ft
evidence of rock outcroppings: None
degree and extent of slope: 0-2%
drainage patterns: None evident
condition of field: recently worked for planting

evidence of septage application: None
public access: Yes, from public road

COMMENTS:

Owner stated that the higher parts of the field are used
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4
Should only use about 15 acres in the center of the field

RECOMMENDATIONS: Discontinue use, site was removed from list

BORINGS:

Boring 1: 0-10" med Bn l, 10-16" gy scl, 16-22" R grvly sc, 22-36"
R c, f2p motts at 26, c3p motts at 34, > 36" till

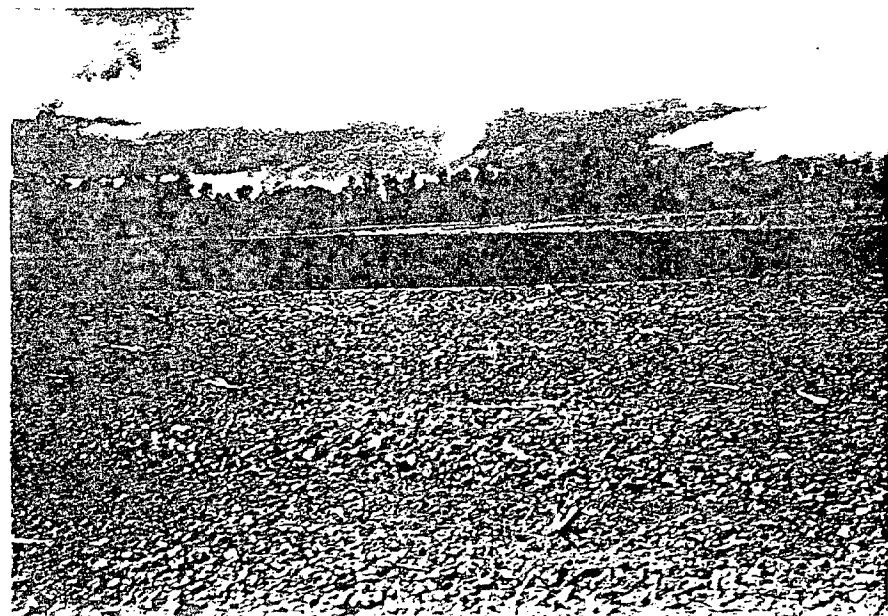
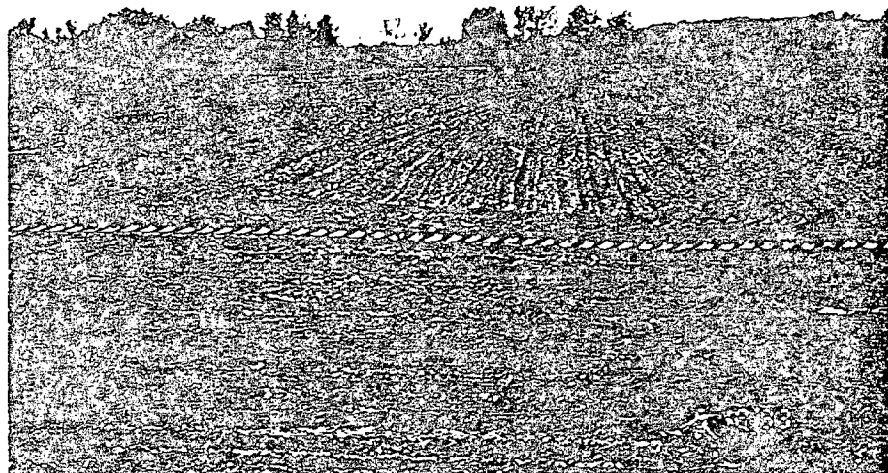
Boring 2: 0-10" med Bn l, 10-40" R ms, flf motts at 40'

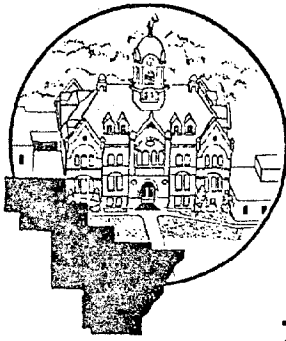
Boring 3: 0-10" med Bn l, 10-26" R ms, 26-45" grvly cs, > 45 till,
sat at 45"

Boring 4: 0-10' med Bn l, 10-22" R s, 22-28" lt Bn scl, 28-37" R s,
37-48" R scl, > 48" R c, m3p motts at 48"

Boring 5: 0-10" med Bn l, 10-42" R s, > 42 Bn s

Boring 6: 0-10" med Bn l, 10-34" R s, 34-40" R scl





COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

May 17, 1993

To : Berlin Kaufman
7798 Pagel Lane
Lena, WI 54139

Dear Mr. Kaufman,

The Oconto County Zoning Office is conducting field evaluations of all the DNR approved septage spreading sites in the county.

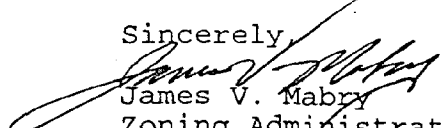
A field inspection was conducted at your site on May 13, 1993. This site was evaluated based on Wisconsin Administrative Code NR 113.08(3)(b)16, Table 4. The portion of this site, presently in hay, fails to meet the following criteria of NR 113:

- (1) Slope requirements - 6% for surface spreading
- existing slopes measured 10-15%
- (2) Minimum distance to residence (1,000 ft)
- (3) Minimum distance to stream, lake, flowage ditch, pond, or wetland with greater than 6 to 12 % Slope.
- (4) Soils in low areas do not have the required 3 ft separation from seasonally high groundwater.

Based on these findings, this part of the site may no longer be used as a land spreading site for septage. The portion of the site presently under cultivation may continue to be used as a spreading site. This site may remain open only if these limitations are followed. Failure to obide by these limitations will result in the closure of the entire site.

Enclosed is a copy of the inspection report and a copy of Wisconsin Administrative Code NR 113 which the decision waw based on.

Sincerely,


James V. Mabry
Zoning Administrator

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER
Jack Warschkow
d/b/a Jack's Septic
9308 County A West
Lena, WI 54139

May, 1993
PHOTOS TAKEN? Yes
SOIL MAP: OeB, OeC2
WETLAND MAP: < 5 acres (2)
FLOODPLAIN: 260, Clear

LANDOWNER:
Berlin Kaufman
7798 Pagel Ln
Lena, WI 54139

LOCATION: Township Lena
S1/2, SE1/4 - Section 28
T29N, R19E
75 Acres approved

TAX PARCEL:
038-28-2801844

SITE NUMBER: OCSS 17

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

SEE ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: < 1000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: Yes, Center of field
location of surface waters: Wetland, Center of field
evidence of rock outcroppings: None
degree and extent of slope: 10 - 15%
drainage patterns: Not evident
condition of field: Hay field and part was recently worked for
planting.

evidence of septage application: None
public access: Yes, Public road along side field

COMMENTS:

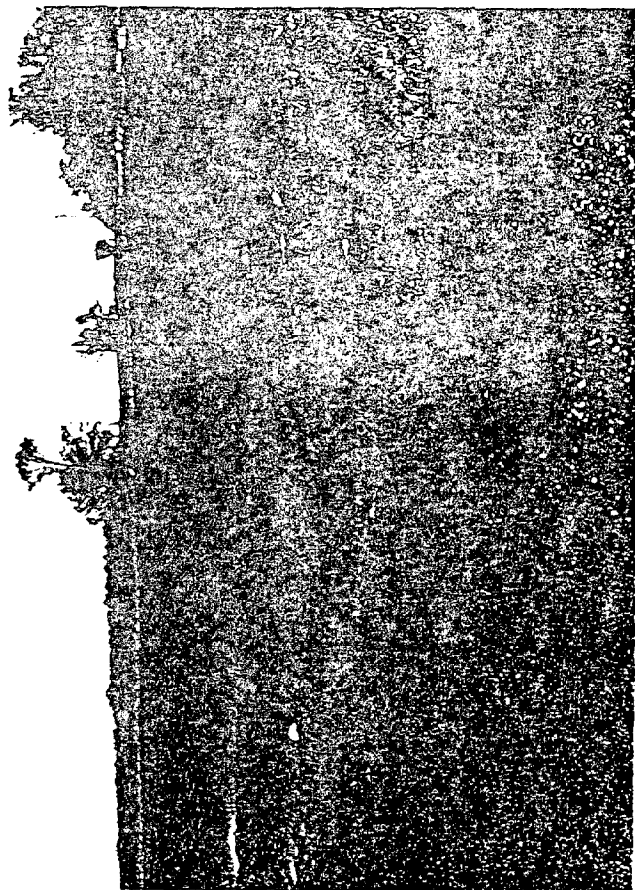
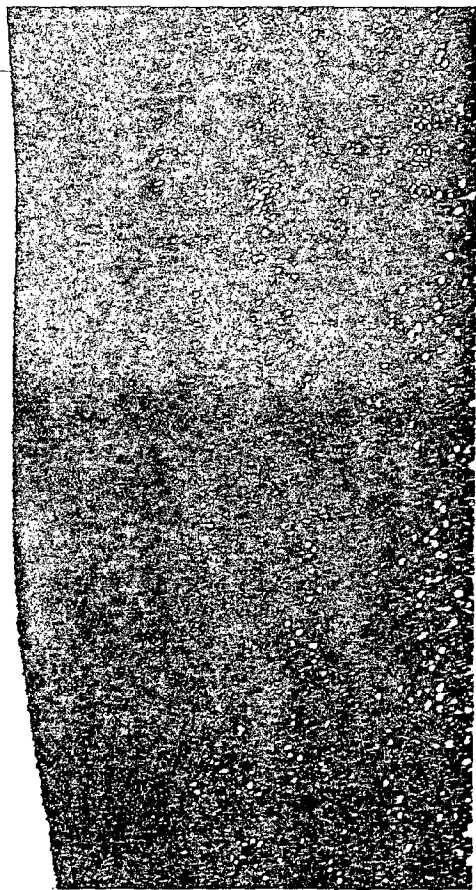
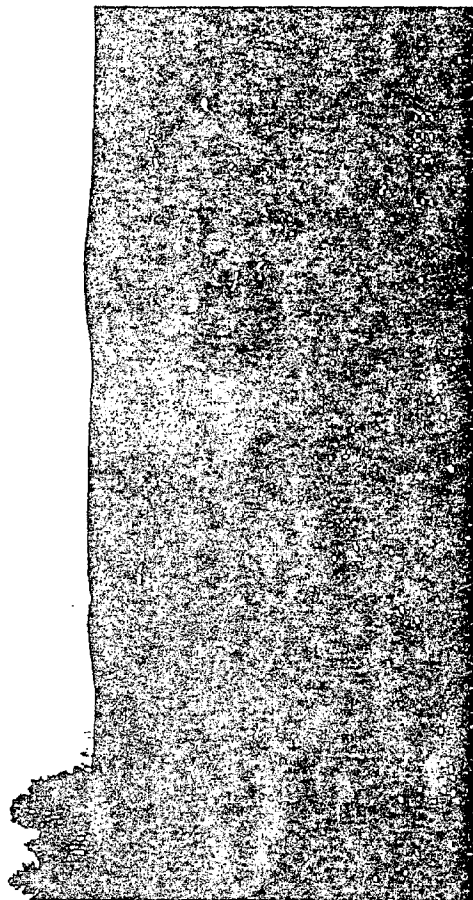
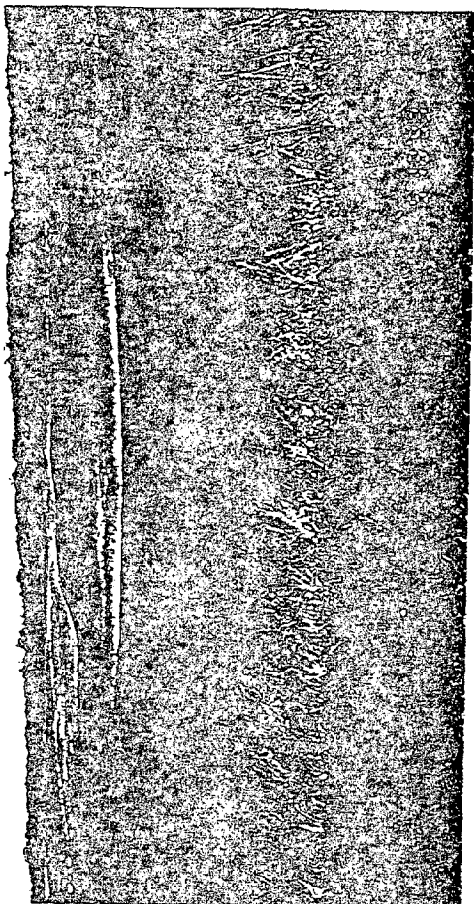
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4
Too great of slope to spread on
Soils do not meet the 3 foot criteria

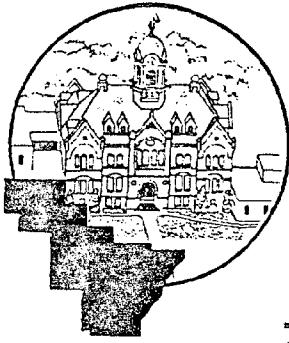
RECOMMENDATIONS: Limit spreading to acreage that is presently in
corn. Site may remain open if limitations are followed.

OCSS 17 - Berlin Kaufman

BORNINGS:

- Borning 1: 0-11" Drk Bn sil, 11-22" Bn sl, 22-32" R scl, 32-40"
Grvly ls, flf motts at 40".
- 2: 0-12" Drk Bn sil, 12-20" Bn sl, 20-30" R sic, flf motts
at 28", >30" R c m3p motts at 34".
- 3: 0-11" Drk Bn sil, 11-24" Bn sl, 24-30" R scl, 30-38" med
R c, flf motts at 38".
- 4: 0-12" Drk Bn sil, 12-18" med Bn sl, 18-32" R sicl, c2p
motts at 26", > 32" gry c, m3p motts at 32".
- 5: 0-2" Drk med Bn sl, 2-20" R scl, 20-29" R sl, 29-42"
grvly ls, f2p motts at 41".
- 6: 0-8" Bn l, 8-16" grvly ls, > 16" grvly sl - could not
auger past 18".
- 7: 0-10" med Bn sil, 10-21" lt Bn scl, 21-30" R sl, 30-42"
R scl



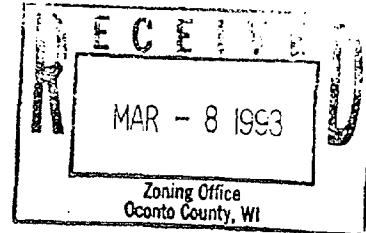


COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993



To : Mr. Vincent Soloman
7497 Konitzer Road
Oconto Falls, Wisconsin 54154

Location : SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 1, T27N, R19E, Town of Morgan (20 acres)
NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 1, T27N, R19E, Town of Morgan (9 acres)

Dear Mr. Soloman:

The Oconto County Zoning Office has been updating all the licensed septage sites in the county. According to the records sent to us by the Department of Natural Resources, your property has been licensed as a septage disposal site. In order to update our records we need to know if you would like to have your site/s remain active or not. Please check the appropriate box below.

- Yes, I would like my site/s to remain on the list of active sites.
- No, I would like my site/s removed from the list of active sites.

If you checked no please sign and date the enclosed form stating you would like your name removed from the DNR's list.

Please send your reply in the post paid, self addressed envelope at your earliest convenience.

If you have any questions feel free to contact me at the Oconto County Zoning Office. (414) 834-6832.

Sincerely,

Jeffrey L. Zahm
Jeffrey L. Zahm
NonPoint Source Pollution Specialist

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER:
Sutrick Septic
359 South Washington St
Oconto Falls, WI 54154

May, 1993
PHOTOS TAKEN? No
SOIL MAP: MnB, MnD, WaA
WETLAND MAP: T3K
FLOODPLAIN: #265, small floodplain

LANDOWNER:
Vincent Solomon
7497 Konitzer Rd
Oconto Falls, WI 54154

LOCATION: Town of Morgan
SE1/4, NW1/4, Section 1
T27N, R19E
20 Acres approved

TAX PARCEL: 028-01-0101424

SITE NUMBER: Ocsc 13

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:
BORINGS:

- # 1: 0-8" Bn l, 8-16" med Bn ls, 16-34" R sl, > 34" R s
- # 2: 0-8" Bn l, 8-22" Bn ls, 22-38" R ms
- # 3: 0-10" Bn sil, 10-19" Bn l, 19-32" R sl, 32-40" R s
- # 4: 0-8" Bn l, 8-22" Bn sl, 22-40" R ls
- # 5: 0-8" Bn l, 8-16" med Bn sl, 16-30" R ls, 30-42" R

SITE INSPECTION:

location of nearby residences: > 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 0-2%
drainage patterns: None evident
condition of field: Hay field

evidence of septage application: None
public access: No, Remote field

COMMENTS:

Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

RECOMMENDATIONS: May continue use of this site

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER:
Sutrick Septic
359 South Washington St
Oconto Falls, WI 54154

MAY , 1993
PHOTOS TAKEN? Yes
SOIL MAP:MnB, MnD, WaA
WETLAND MAP: T3K
FLOODPLAIN: 270, adjacent to
floodplain.

LANDOWNER:
Vincent Solomon
7497 Konitzer Rd
Oconto Falls, WI 54154

LOCATION:Town of Morgan
NE1/4, SE1/4, Section 1
T27N, R19E
9 acres approved

TAX PARCEL:
028-01-0102241

SITE NUMBER: OCSS 12

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

BORINGS:

- # 1: 0-8" Bn s, 8-22" R s, 22-34" Lt Bn s, 34-41 R s, >41" Bn s
- # 2: 0-8" Bn s, 8-20" R s, 20-36" Lt Bn s, 36-42"R s, >42" Bn s

SITE INSPECTION:

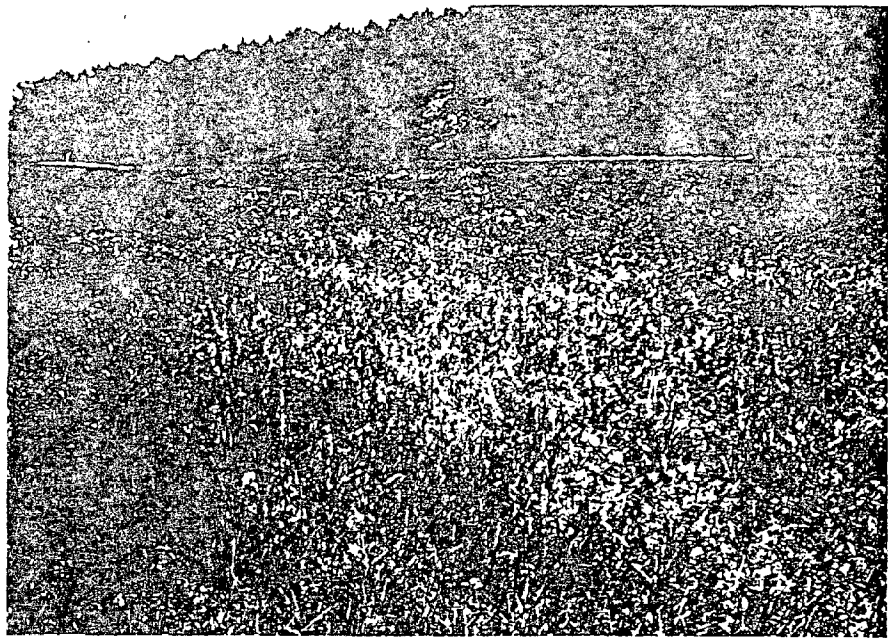
location of nearby residences: > 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: None
location of surface waters: None
evidence of rock outcroppings: None
degree and extent of slope: 0-2%
drainage patterns: None evident
condition of field: Hay field

evidence of septage application: Yes, paper and truck tracks
public access: No, remote

COMMENTS:

Good soil conditions
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

RECOMMENDATIONS: May continue use of this site



SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: May, 1993
John Melland PHOTOS TAKEN? No
d/b/a Shoreland Sanitation SOIL MAP: CeB, SoA, MoB, RsB, MnC, Wf
1005 McDonald Street WETLAND MAP: T3KW
Oconto, WI 54153 FLOODPLAIN: 290, 295 small floodplain

LANDOWNER: LOCATION: Town of Oconto
Gerald Weigelt SW1/4, NE1/4, section 27
3163 Airport Road T28N, R21E
Oconto, WI 54153 10 acres approved

TAX PARCEL: SITE NUMBER: OCSS 8
030-25-270126A
030-25-270157B

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

NO SOIL INSPECTION CONDUCTED SINCE SITE HAS ALREADY BEEN
OVERLOADED.

SITE INSPECTION:

location of nearby residences:
location of nearby wells:
low areas subject to flooding or ponding:
location of surface waters:
evidence of rock outcroppings:
degree and extent of slope:
drainage patterns:
condition of field:

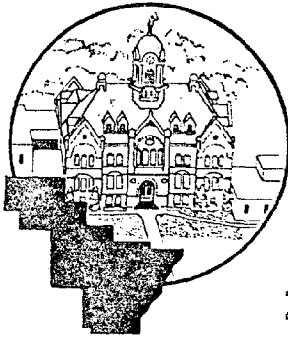
evidence of septage application:
public access:

COMMENTS:

Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

1990 - 1991 pumping reports indicate this field has already been
overloaded.

RECOMMENDATIONS: Removal from list of approved sites



COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

May 28, 1993

To: Gerald Weigelt
3163 Airport Rd
Oconto, WI 54153

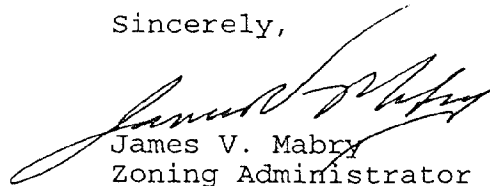
Dear Mr. Weigelt,

The Oconto County Zoning Office is conducting field evaluations of all the DNR approved septage spreading sites in the county.

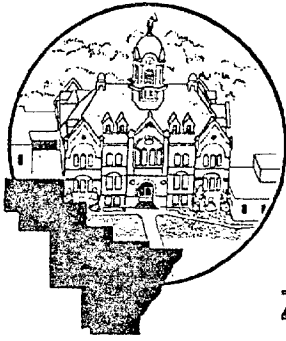
The county will be requesting the removal of your site from the DNR's list of approved sites. This decision is based on 1990-1991 pumping reports sent to us from the DNR indicating that your site has already been overloaded.

Until this site is officially removed from the DNR's list we ask that you refrain from dumping any more septage.

Sincerely,



James V. Mabry
Zoning Administrator



COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

May 28, 1993

To: Thomas Kussow
5239 County S
Little Suamico, WI 54141

Dear Mr. Kussow,

The Oconto County Zoning Office is conducting field evaluations of all the DNR approved septage spreading sites in the county.

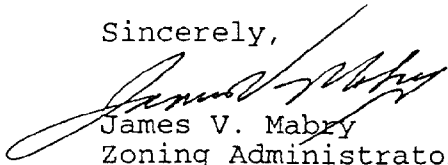
A field inspection was conducted at your site on May 26, 1993. This site was evaluated based on Wisconsin Administrative Code NR 113.08(3)(b) 16, table 4. This site fails to meet the following criteria of NR 113:

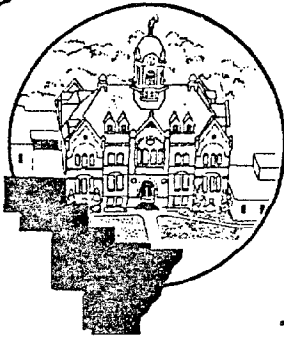
- (1) Minimum of 3 ft separation from the surface of the ground to high groundwater or zones of seasonally saturated soils.
- (2) Minimum distance to residence - 1,000 ft

Based on these findings the county will be requesting the removal of this site from the DNR's list of approved land spreading sites. Until this site is officially removed, we ask that you refrain from dumping septage on it.

Enclosed is a copy of the inspection report and a copy of NR 113 which the decision was based on.

Sincerely,


James V. Mabry
Zoning Administrator



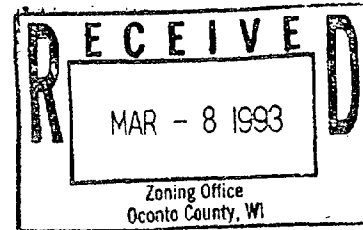
COUNTY OF OCONTO

OFFICE OF
ZONING ADMINISTRATOR

Phone: 414-834-6827

February 23, 1993

To : Mr. Thomas Kussow
5239 County S
Little Suamico, Wisconsin 54141



Location : W $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 24, 40 acres in Town of Little Suamico

Dear Mr. Kussow:

The Oconto County Zoning Office has been updating all the licensed septage sites in the county. According to the records sent to us by the Department of Natural Resources, your property has been licensed as a septage disposal site. In order to update our records we need to know if you would like to have your site/s remain active or not. Please check the appropriate box below.

- Yes, I would like my site/s to remain on the list of active sites.
- No, I would like my site/s removed from the list of active sites.

If you checked no please sign and date the enclosed form stating you would like your name removed from the DNR's list.

Please send your reply in the post paid, self addressed envelope at your earliest convenience.

If you have any questions feel free to contact me at the Oconto County Zoning Office. (414) 834-6832.

Sincerely,

Jeffrey L. Zahm
Jeffrey L. Zahm

NonPoint Source Pollution Specialist

SEPTAGE SITE INSPECTION REPORT
OCONTO COUNTY ZONING OFFICE

PUMPER: May, 1993
Pals Septic Service (Zachow) PHOTOS TAKEN? No
3085 Sot Rd SOIL MAP: FsB, ShA, Wf
Abrams, WI 54101 WETLAND MAP: T3K
FLOODPLAIN: 365, small floodplain

LANDOWNER: LOCATION: Town of Little Suamico
Thomas Kussov W1/2, NW1/4, Section 24
5239 County S T26N, R20E
Little Suamico, WI 54141 40 acres approved

TAX PARCEL: 024-18-2402323 SITE NUMBER: OCSS 4
024-18-2402422

INSPECTED BY: Jeffrey L. Zahm

SOIL INSPECTION:

SEE ATTACHED SHEET

SITE INSPECTION:

location of nearby residences: < 1,000 ft
location of nearby wells: > 200 ft
low areas subject to flooding or ponding: Yes, several in field
location of surface waters: ponding in field
evidence of rock outcroppings: None
degree and extent of slope: 0-2%
drainage patterns: None evident
condition of field: Old corn stubble

evidence of septage application: None
public access: Yes, off county S and Fox Rd

COMMENTS:

Site has standing water in places
Site inspection criteria based on Wisconsin Administrative Code
NR 113.08 (3)(b) 16. Table 4

RECOMMENDATIONS: Discontinue use of this site

OCSS 14 - Thomas Kussow

BORINGS:

- 1: 0-7" med Bn ls, 7-28" R ms, c3p motts at 26", > 28" lt Bn s,
sat at 32"
- 2: 0-8" med Bn ls, 8-28" R ms, c2d motts at 24", > 28" lt Bn s,
sat at 32"
- 3: 0-8" med Bn ls, 8-26" R ms, c3p motts at 26", > 26" lt Bn s,
sat at 32"
- 4: 0-9" dk Bn l, 9-19" lt Bn s, c2d motts at 11", sat at 19"
- 5: 0-9" dk Bn l, 9-21" lt Bn s, m2d motts at 13", sat at 19"
- 6: 0-9" dk Bn l, 9-18" lt Bn s, c2d motts at 11", sat at 19"
- 7: 0-9" dk Bn sl, 9-20" R ms, c2d motts at 18", > 20" lt Bn s,
sat at 23"
- 8: 0-9" dk Bn sl, 9-23" R ms, f2d motts at 20", >23" lt Bn s,
sat at 24"
- 9: 0-9" Bn sl, 9-20" R s, f1f motts at 18", > 20 lt Bn s, sat at
23"
- 10: 0-7" med Bn ls, 7-28" R ms, f2d motts at 26", > 28" lt Bn s,
sat at 32"

COMMUNITY OF ABRAMS - SOIL INSPECTIONS

130 Sites inspected as of June 16, 1993

88 systems fail due to High Ground Water, Zones of Seasonally Saturated Soil, and direct discharge to Wetlands or the Surface of the Ground.

42 Systems Pass due to:

13 are existing Holding Tanks

5 are existing Mounds

4 are New Conventional

20 are existing conventional systems which meet the soil requirements.

68% of the systems are failing

32% of the systems are passing, including systems which have already been brought up to code.

Percent failure and passing with the systems up to code, HTS, Mounds, and New Conventional, removed.

82% of the systems are failing

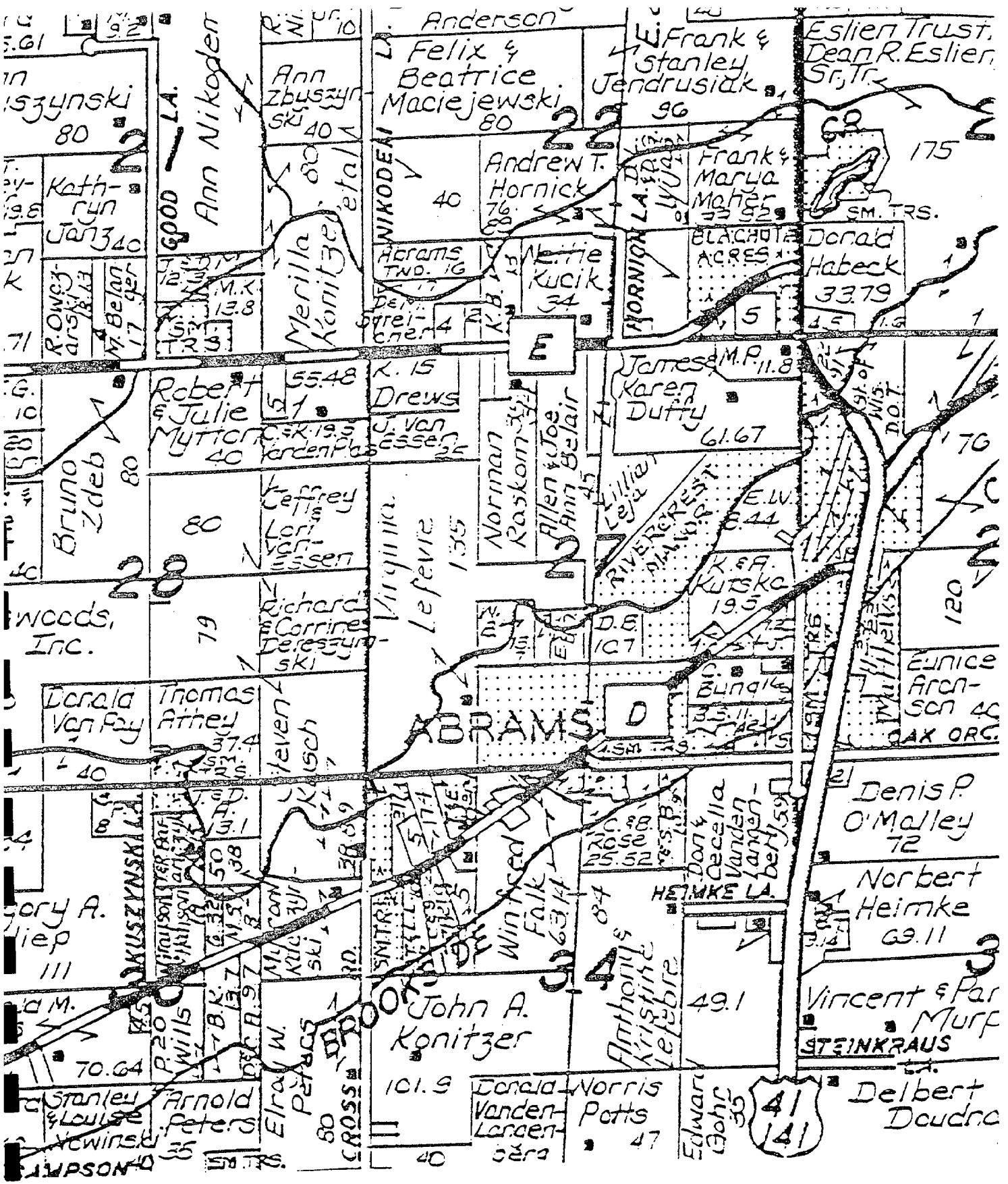
18% of the existing conventional systems are passing

ABRAMS COMMUNITY
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Passed</u>	<u>Failed</u>	<u>Reasons</u>
5916 County D	Abrams Feed & Grain		X	< 3ft from GW or ZSSS
5810 Maple Street	Abrams School		X	< 3ft from GW or ZSSS
5875 Maple St	Allen, Calvin		X	< 3ft from GW or ZSSS
5852 Oak Orchard Rd	Ambrosius, Gary		X	< 3ft from GW or ZSSS
3156 Wiedenheft LA	Athey, Thomas		X	Holding Tank
5827 County D	Bakran, John	X		New conventional 1990
2959 W. Railroad St	Bakran, John		X	< 3ft from GW or ZSSS
2945 W. Railroad St	Bakran, John		X	< 3ft from GW or ZSSS
3009 Chandler St	Bartz, Marie		X	< 3ft from GW or ZSSS
3179 Sot Rd	Beckendorf, Donald		X	< 3ft from GW or ZSSS
5783 Oak Orchard Rd	Berg, Calvin	X		Soils meet 3ft sep
5814 Maple Street	Betts, Denis		X	< 3ft from GW or ZSSS
3225 Wiedenheft LA	Blazer, Patrick	X		Holding Tank
5867 County D	Bohl, Louis		X	< 3ft from GW or ZSSS
2939 W. Railroad St	Bonk, Genevieve		X	< 3ft from GW or ZSSS
5732 County D	Borkovek, David		X	< 3ft from GW or ZSSS
5738 County D	Bostedt, Clyde		X	< 3ft from GW or ZSSS
5949 Pine St	Brehmer, Darell	X		Mound in 1992
2991 Sot Rd	Bristol, Robert	X		Soils meet 3ft sep
3185 Sot Rd	Byng, Bruce	X		Mound in 1988
5781 County D	Byng, Carol		X	< 3ft from GW or ZSSS
6042 Cedar St	Byng, George		X	< 3ft from GW or ZSSS
5968 County D	Byng, Hazel	X		Soils meet 3ft sep
6000 County D	Byng, William	X		Soils meet 3ft sep
3125 Wiedenheft LA	Calvery Luth Church		X	< 3ft from GW or ZSSS
5716 County D	Calvery Luth Church		X	< 3ft from GW or ZSSS
5993 County D	Coron, Wilfred	X		Soils meet 3ft sep
5823 County D	Damp, James	X		Mound
5791 County D	Delzer, Frederick		X	< 3ft from GW or ZSSS
3148 Wiedenheft LA	Demeny, Donald	X		New Convectional 1992
3177 Wiedenheft LA	Deprey, Willard		X	< 3ft from GW or ZSSS
3109 Wiedenheft LA	Dessart, John		X	< 3ft from GW or ZSSS
5865 Maple St	Dorn, Timothy		X	< 3ft from GW or ZSSS
5801 County D	Duddek, David		X	< 3ft from GW or ZSSS
3235 Sot Rd	Duffy, James		X	< 3ft from GW or ZSSS
3223 Sot Rd	Duffy, Edward		X	< 3ft from GW or ZSSS
3239 Sot Rd	Duffy, James		X	< 3ft from GW or ZSSS
5861 Oak Orchard Rd	Eichman, Marilyn	X		Soils meet 3ft sep
5836 County D	Erdmann, Mark	X		Soils meet 3ft sep
3191 Sot Rd	Falk, Eugene		X	< 3ft from GW or ZSSS
5932 County D	Falk, Winfred		X	< 3ft from GW or ZSSS
5951 County D	Falk, Gordon		X	< 3ft from GW or ZSSS

2913	W. Railroad St	Faulds, Morva		X	< 3ft from GW or ZSSS
5970	Cedar St	Ferdon, Douglas		X	< 3ft from GW or ZSSS
3189	Wiedenheft LA	Freyslaben, Muriel	X		Mound in 1992
5895	County D	Gauthier, Jeri		X	< 3ft from GW or ZSSS
2953	Chandler St	Gokey, Alfred		X	< 3ft from GW or ZSSS
2990	E. Railroad St	Gokey, Timothy		X	< 3ft from GW or ZSSS
3015	W. Railroad St	Griebeler, Wenda		X	< 3ft from GW or ZSSS, SG
5881	Maple St	Griebeler, Wenda		X	< 3ft from GW or ZSSS
3163	Wiedenheft LA	Haffeman, Curt		X	< 3ft from GW or ZSSS
5878	County D	Hanop, Laverne		X	< 3ft from GW or ZSSS
5962	County D	Hansen, Randall		X	< 3ft from GW or ZSSS
5780	Oak Orchard Rd	Heider, Judith	X		Soils meet 3ft sep
2982	Marion St	Heider, Ruby		X	< 3ft from GW or ZSSS
5784	Oak Orchard Rd	Heider, Shelly	X		New Conventional 1989
2922	Woodward St	Hermsen, David	X		Holding Tank
5994	Cedar St	Herr, Norbert		X	< 3ft from GW or ZSSS, SG
3157	Sot Rd	Houston, Patricia		X	< 3ft from GW or ZSSS
2908	Woodward St	International Ark	X		Holding Tank
2918	Woodward St	International Ark	X		Holding Tank
5899	County D	Isable, LeMeryl		X	< 3ft from GW or ZSSS
5857	County D	Jaeger, Gerald		X	< 3ft from GW or ZSSS
5833	County D	Jendrusiak, Margaret		X	< 3ft from GW or ZSSS
5850	County D	Jensen, Nancy		X	< 3ft from GW or ZSSS
5746	County D	John, Louis	X		Soils meet 3ft sep
5937	County D	Kane, Ronald	X		Soils meet 3ft sep
5825	Maple St	Kennin, Donald		X	< 3ft from GW or ZSSS
2970	Woodward St	Kennin, Donald		X	< 3ft from GW or ZSSS
5762	Oak Orchard Rd	Kennin, Stella	X		Holding Tank
5872	County D	Konitzer, John	X		Holding Tank
5838	Maple St	Kozlowski, Dennis		X	< 3ft from GW or ZSSS
5754	Oak Orchard Rd	Kozlowski, John	X		Soils meet 3ft sep
2979	Elm Street	Kozlowski, Thomas		X	< 3ft from GW or ZSSS
2941	Sot Rd	Krause, Mitchell	X		Soils inspected 1992
5990	County D	Kusch, Elsie	X		Soils meet 3ft sep
3079	Wilson Rd	Kutska, Keith	X		Soils meet 3ft sep
6049	Cedar St	Lefevre, Virginia		X	< 3ft from GW or ZSSS
2985	Sot Rd	Leja, Kenneth	X		Soils meet 3ft sep
3048	Sot Rd	Leja, Kenneth		X	< 3ft from GW or ZSSS
5741	County D	Leja, Lillian	X		Soils meet 3ft sep
2979	W. Railroad St	Lingsine, Lionel		X	< 3ft from GW or ZSSS
5969	Pine St	Longsine, Richard	X		Holding Tank
2916	Sot Rd	Lotter, Robert	X		Holding tank
5891	County D	Machurick, James		X	< 3ft from GW or ZSSS
5732	Oak Orchard Rd	McCaughn, Michael		X	< 3ft from GW or ZSSS
2921	W. Railroad St	McDermid, James		X	< 3ft from GW or ZSSS
5818	County D	McDermid, James		X	< 3ft from GW or ZSSS
2998	Walnut St	McDermid, James		X	< 3ft from GW or ZSSS
5863	County D	Naze, Michael		X	< 3ft from GW or ZSSS
5778	County D	Nicholas, Bernice		X	< 3ft from GW or ZSSS
5871	County D	Norwest Bank		X	< 3ft from GW or ZSSS
5938	Cedar St	Olejnickzak, Keith		X	< 3ft from GW or ZSSS
5747	County D	Pagel, Grant	X		Soils meet 3ft sep
5862	County D	Pogrant, Jeffrey		X	< 3ft from GW or ZSSS
2940	Chandler St	Robenhorst, Ardie	X		Holding Tank

5860	Maple St	Rovinski, Max	X	< 3ft from GW or ZSSS
3083	Wiedenheft LA	Ryczek, Ernest	X	< 3ft from GW or ZSSS, SG
5926	Pine St	Samsa, Michael	X	< 3ft from GW or ZSSS
5876	County D	Schenkoski, Marlin	X	< 3ft from GW or ZSSS
3022	Sot Rd	Schneider, Terrance	X	< 3ft from GW or ZSSS
5817	County D	Schroeder, Byron	X	< 3ft from GW or ZSSS
2951	W. Railroad St	Shutelt, Marion	X	< 3ft from GW or ZSSS
5845	County D	Sot, Audrey	X	Soils meet 3ft sep
5993	Cedar St	Steinhausen, Joan	X	< 3ft from GW or ZSSS
5852	Maple St.	St. Louis Cong.	X	Mound in 1992
5945	County D	Stock, Karen	X	< 3ft from GW or ZSSS
2991	W. Railroad St	Stoll, Joseph	X	< 3ft from GW or ZSSS
5858	County D	Sutrick, Jerome	X	< 3ft from GW or ZSSS
5746	County D	Swearing, Hal Jay	X	< 3ft from GW or ZSSS
2971	W. Railroad St	Tappa, Bernard	X	< 3ft from GW or ZSSS
2997	Walnut St	Tappa, Chris	X	< 3ft from GW or ZSSS
2925	Woodward St	Tepolt, Robert	X	Holding Tank
2980	Elm Street	United Methodist Church	X	< 3ft from GW or ZSSS
5842	County D	Van, Earle	X	< 3ft from GW or ZSSS
5809	County D	Van Pay, Ronald	X	< 3ft from GW or ZSSS
5866	County D	Volk, Merlin	X	< 3ft from GW or ZSSS
3049	Sot Rd	Weaver, Harold	X	< 3ft from GW or ZSSS
2985	W. Railroad St	Westcott, Linwood	X	< 3ft from GW or ZSSS
5870	Maple St	Weycker, Patrick	X	< 3ft from GW or ZSSS
2917	Woodward St	Whistler, Michael	X	Holding Tank
3111	Wilson Rd	White, Edward	X	< 3ft from GW or ZSSS
5853	Oak Orchard Rd	Wickman, Willis	X	Soils meet 3ft sep
2931	W. Railroad St	Wieber, Michael	X	< 3ft from GW or ZSSS
5839	County D	Wieser, William	X	New convectional 1989
5979	Pine St	Winans, Darrell	X	< 3ft from GW or ZSSS
5792	County D	Wolf, Richard	X	Soils meet 3ft sep
5974	Pine St	Woodworth, Arlene	X	< 3ft from GW or ZSSS
2911	Woodward St	Woosencraft, Peter	X	Holding Tank
3124	Wiedenheft LA	Zimmerman, Olive	X	Soils meet 3ft sep



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Woods,
Inc.

Donald
Van Fay

Gory A.
Liep
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Stanley
& Louise
Kowinski

Ann Nikoden
Merilla
Konitzer
80

Robert
& Julie
Mytton
40

Richard
& Corrine
Derestyn
SKI

Thomas
Atthey

Wills
Arnold
Pete

Elroy W.
Petracs
80
CROSS

Anderson
Felix &
Beatrice
Maciejewski
80

Andrew T.
Hornick
40

Norman
Raskom
Allen & Joe
Ann Belair

Virginia
Lefevie
1.35

Wintfred
Falk

John A.
Konitzer
101.9

Donald
Vanden
Langer
47

Frank &
Stanley
Jendrusiak
96

Andrew T.
Hornick
76

James M.P.
Karen
Duffy
61.67

Richard
Kurska
19.5

Anthony's
Kristine
Lefebvre
49.1

Don &
Cecelia
Vanden
Langer
berly
59

Edward
Bohr
35

Eslien Trust,
Dean R. Eslien,
Sr., Tr.

Donald
Habeck
33.79

Eunice
Arch-
son
40
DAX ORG.

Denis P.
O'Malley
72

Norbert
Heimke
69.11

Vincent & Par
Murf
STEINKRAUS

Delbert
Daudra



COMMUNITY OF BROOKSIDE - SOIL INSPECTIONS

37 Sites inspected as of June 22, 1993

16 systems fail due to High Ground Water, Zones of Seasonally Saturated Soils, and direct discharge to Wetlands, Surface Water, or the Surface of the Ground.

21 systems pass due to:

2 are existing Holding Tanks

6 are existing Mounds

2 are new In-Ground Pressure

11 are existing conventional systems which meet the soil requirements.

43% of the systems are failing

57% of the systems are passing, including systems which have already been brought up to code.

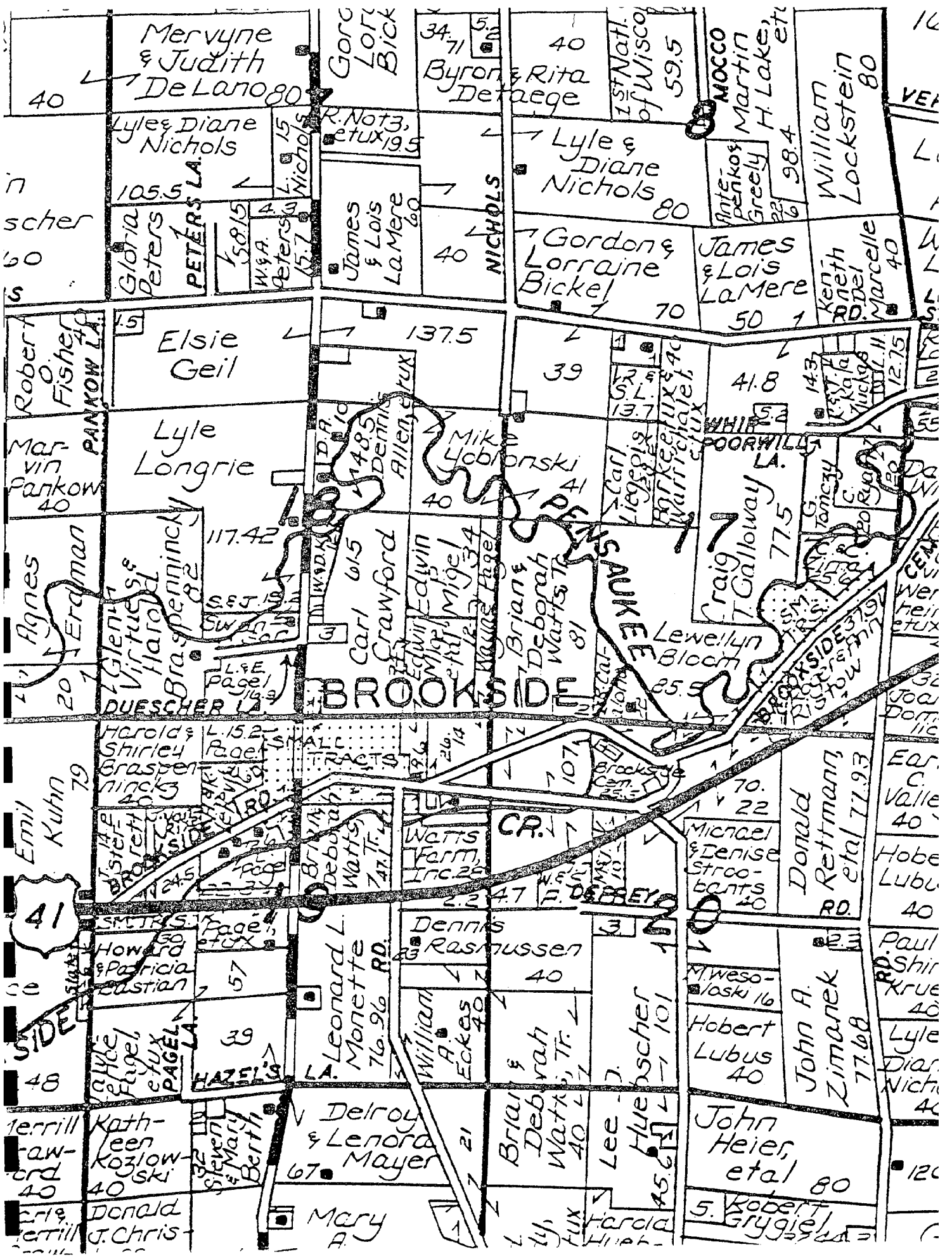
Percent failure and passing with the systems up to code, HTS, Mounds, and New Conventional, removed.

60% of the systems are failing

40% of the existing conventional systems are passing

BROOKSIDE COMMUNITY
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Passed</u>	<u>Failed</u>	<u>Reasons</u>
3682 County J	Barke, David		X	< 3ft from GW or ZSSS
3576 County J	Bloom, Harvey		X	< 3ft from GW or ZSSS
4658 Brookside Rd	Brabant, Bruce	X		New Mound
4531 Brookside Rd	Enderby, Allan	X		Soils meet 3ft sep
4885 Hwy 41	Erdman, Gary		X	< 3ft from GW or ZSSS
4879 Hwy 41	Erdman, Gary	X		New Mound
4881 Hwy 41	Erdman, Helen		X	< 3ft from GW or ZSSS
4741 Brookside Rd	Foster, Jack	X		Soils meet 3ft sep
4681 Brookside Rd	Hellmann, Edna	X		Soils meet 3ft sep
4621 Brookside Rd	Hellmann, Myron	X		New Mound
3673 County J	Jessel, Charles	X		Soils meet 3ft sep
3661 County J	Konkel, George		X	< 3ft from GW or ZSSS
3530 Moody Rd	Lafortune, Don	X		New In-Ground Pres
4671 Brookside Rd	Lamirande, Bonnie		X	Discharge to Wetland
4740 Brookside Rd	Matravers, Alice		X	< 3ft from GW or ZSSS
4680 Brookside Rd	Matravers, Ruth		X	< 3ft from GW or ZSSS
4680 Brookside Rd	Matravers, Ruth		X	< 3ft from GW or ZSSS
4705 Brookside Rd	Melotte, Gerald	X		Soils meet 3ft sep
4586 Brookside Rd	Migel, Ed		X	Discharge to SG
4830 Brookside Rd	Neuberg, William	X		Holding Tank
3590 County J	Noel, George	X		Soils meet 3ft sep
4620 Brookside Rd	Olson, Leroy		X	< 3ft from GW or ZSSS
3481 County J	Pagel, Roger	X		New Mound
4710 Brookside Rd	Pensaukee, Town	X		Holding Tank
3624 County J	Pensaukee, Town		X	< 3ft from GW or ZSSS
3625 County J	Peters, Rosella		X	< 3ft from GW or ZSSS
4770 Brookside Rd	Riley, Ralph		X	< 3ft from GW or ZSSS
4872 Brookside Rd	Sterrett, Jackson	X		New Mound
3588 Moody Rd	Sutrick, Julia	X		Soils meet 3ft sep
4753 Brookside Rd	Thompson, Raymond		X	< 3ft from GW or ZSSS
4609 Brookside Rd	VandenLangenberg, D	X		Soils meet 3ft sep
3526 Moody Rd	Watts, Brian	X		New In-Ground Pres
3541 Moody Rd	Watts, Brian	X		Soils meet 3ft sep
4725 Brookside Rd	Wittkopf, Roger	X		Soils meet 3ft sep
4767 Brookside Rd	Zima, John	X		No system
4750 Brookside Rd	Zima, John	X		New Mound
3749 County J	Zimanek, Albert		X	< 3ft from GW or ZSSS



Mervyne & Judith DeLano 80

Byron & Rita DeLaege

Lyle & Diane Nichols

Lyle & Diane Nichols 80

Gloria Peters PETERS LA. 105.5

James & Lois LaMere 60

Gordon & Lorraine Bickel 70

James & Lois LaMere 50

William Lockstein 80

Elsie Geil 137.5

Lyle Longrie

Mikol Jobronski 40

Craig T. Galloway 77.5

Harold Braspenninck 117.42

Carl Crawford 61.5

Edwin Miguel 34

Brian & Deborah Warts 81

Lewellyn Bloom 25.5

Harold & Shirley Braspernick 20.3

Dennis Rasmussen 40

Michael & Denise Stroobants 40

Donald Rettmann et al 77.93

Howard & Patricia Eastman 57

Leonard L. Monette 76.96 RD.

William Eckes 40

John A. Zimarek 77.68

Kathleen Kozlowski 40

Delroy & Lenora Mayer 67

Brian & Deborah Warts 40

John Heier et al 80

Donald J. Chris 40

Mary A.

Lee & Huescher 101

Robert Grygjel 40

41

BROOKSIDE

SAUKEE

DUESCHER LA.

WHIP POORWILL LA.

BRASPENNINCK

CRAWFORD

WARTS

GALLOWAY

BRASPERNICK

WARTS

CR.

STROOBANTS

EASTMAN

MONETTE

DEPREY

ZIMAREK

PAGEL

ECKES

HUESCHER

HEIER

HAZEL'S

MAYER

WARTS

GRYGJEL

CHRIS

A.

HUESCHER

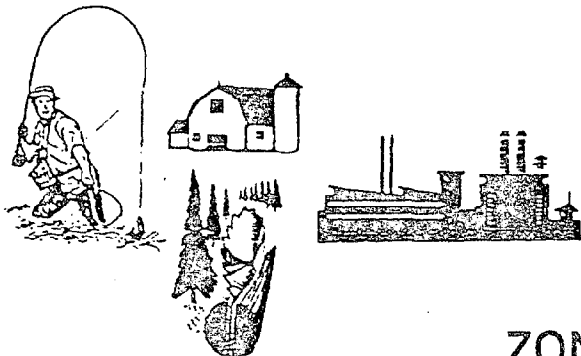
GRYGJEL

CHRIS

A.

HUESCHER

GRYGJEL



OCONTO
COUNTY

OFFICE OF

ZONING ADMINISTRATOR

Phone: 414-834-6827

August 6, 1993

93-130

Mr. Wilbur Dilley, Chairman
Town of Lakewood
144918 Resort Lane
Lakewood, Wisconsin 54138

Mr. Dilley:

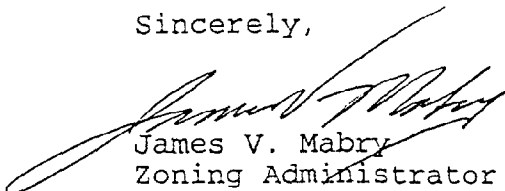
We have completed our inspections for the Non-Point Source Pollution Program relating to failing septic systems.

Enclosed is a detailed report. Although a 20% failure rate may not seem abnormal, what is most significant to me is that about 75% of the tested area does not have sufficient area to replace the systems when they do fail.

I encourage the Town of Lakewood to proceed with their Sanitary District plans. Please refer this report to the district. I will be available to meet and discuss the report and its use to justify the district, grants, aids, etc.

If you have questions on this matter please call me.

Sincerely,


James V. Mabry
Zoning Administrator

JVM:sm

Enc.



OCONTO COUNTY

OFFICE OF
ZONING ADMINISTRATOR

COURT HOUSE

PHONE (414) 834-6827

300 WASHINGTON STREET
OCONTO, WISCONSIN 54153

August 23, 1993

93-154

Mrs. Joanne Roy, Clerk
Town of Lakewood
P. O. Box 40
Lakewood, Wisconsin 54138

Mrs. Roy:

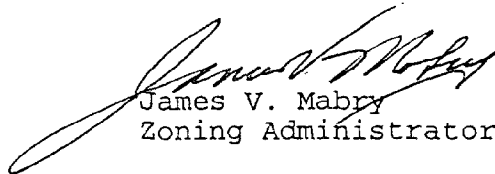
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I encourage the Town of Lakewood to proceed with their Sanitary District plans. Please refer this report to the district. I will be available to meet and discuss the report and its use to justify the district, grants, aids, etc.

If you have questions on this matter please call me.

Sincerely,


James V. Mabry
Zoning Administrator

JVM:sm

Enc.

COMMUNITY OF LAKEWOOD - SOIL INSPECTIONS

147 Sites inspected as of August 5, 1993

26 systems fail due to High Ground Water, Zones of Seasonally Saturated Soil, and direct discharge to Wetlands or the Surface of the Ground.

121 Systems Pass due to:

6 are existing Holding Tanks

1 is a existing Mound

5 are New Conventional

2 are Houses without systems

107 are existing conventional systems which meet the soil requirements.

18 % of the systems are failing

82 % of the systems are passing, including systems which have already been brought up to code.

Percent failing and passing with the systems up to code, HTS, Mounds, and New Conventional, removed.

20 % of the systems are failing

80 % of the existing conventional systems are passing

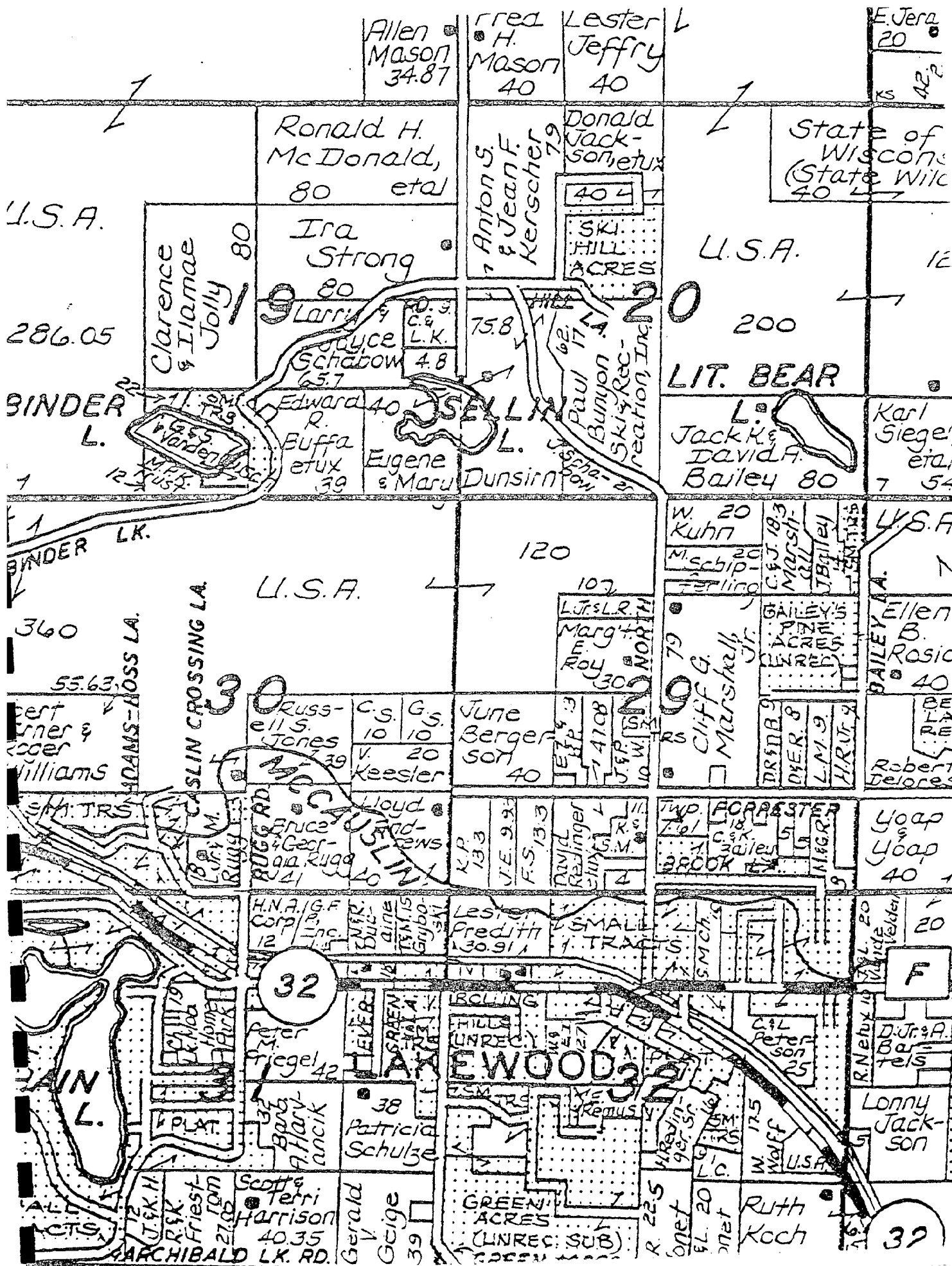
NOTE: About 110 or 75% of the sites tested would have insufficient area for replacement systems in the case of future failure or business expansion. This would result in the costly monthly expense of Holding Tanks being incorporated. The County's view is that the addition of Holding Tanks does not solve the problem in that the effluent from these tanks still has to be treated and is therefore just being displaced, therefore causing two problems out of one problem.

LAKEWOOD COMMUNITY
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Pass</u>	<u>Fail</u>	<u>Reasons</u>
15650 Hwy 32	Anderson, Raymond		X	< 3ft from ZSSS
15112 County F	Anderson, Raymond	X		Soils meet 3ft sep
15298 Long St	Andrews, Howard	X		Soils meet 3ft sep
15698 Hwy 32	Anglemyer, Richard		X	< 3ft from ZSSS
15217 Brook Lane	Bailey, Cliff, Sr.	X		Soils meet 3ft sep
15236 Brook Lane	Bailey, Clifford	X		Soils meet 3ft sep
15242 Brook Lane	Bailey, Clifford	X		Soils meet 3ft sep
15335 Hwy 32	Bartels, Don	X		Soils meet 3ft sep
15021 Long St	Bartels, Lynn	X		Soils meet 3ft sep
15265 County F	Bartels, Theodore	X		Soils meet 3ft sep
15630 Hwy 32	Bennett, Wayne		X	< 3ft from ZSSS
17256 Circle Dr	Bezold, Lawrence	X		Soils meet 3ft sep
15288 Tugs Road	Birkholz, Michael	X		Soils meet 3ft sep
15264 Brook Lane	Bodoh, Timothy		X	< 3ft from ZSSS
15436 Hwy 32	Boehm, Merrill	X		Soils meet 3ft sep
17165 Evergreen	Boyan, Wayne	X		Soils meet 3ft sep
15329 Hwy 32	Bohl, Kenneth		X	< 3ft from ZSSS
15331 Hwy 32	Bohl, Kenneth	X		Soils meet 3ft sep
15300 Hwy 32	DeCaster, Donald	X		Holding Tanks
17245 Circle Dr	Dobbs, Rudy	X		Soils meet 3ft sep
15198 Brook Lane	Driesen, William	X		Soils meet 3ft sep
17218 Circle Dr	Dunlap, Richard	X		Soils meet 3ft sep
15398 Hwy 32	Dunlap, Richard	X		Soils meet 3ft sep
15108 County F	Dunsirn, Lola	X		Mound in 1991
17159 Evergreen	Elbe, Thomas	X		Soils meet 3ft sep
17342 North Rd	Ellingson, Robert	X		Soils meet 3ft sep
15255 Hwy 32	Exferd, Helen	X		Soils meet 3ft sep
17310 North Rd	Fahnstrom, Francis		X	< 3ftbfrom GW or ZSSS
17302 North Rd	Farrell, Terence	X		Soils meet 3ft sep
15267 Hwy 32	Fisher, Leonard	X		Soils meet 3ft sep
15268 Hwy 32	Flynn, Douglas	X		Soils meet 3ft sep
17146 Wilson Rd	Flynn, Douglas	X		New Conventional
15264 County F	Flynn, Michael	X		Soils meet 3ft sep
17238 Circle Dr	Fritsch, Terry	X		Soils meet 3ft sep
15295 Wilson Rd	Gardebrecht, Allan	X		New Conventional
15636 Hwy 32	Geiger, Gerald	X		System not in use
15301 Long St	Giese, Lynn	X		Soils meet 3ft sep
15386 Hwy 32	Ginder, Charles		X	< 3ft from ZSSS
15276 Brook Lane	Glander, Darlene		X	< 3ft from ZSSS
15294 Long St	Goetz, Christopher	X		Soils meet 3ft sep
15203 County F	Greasby, William	X		Soils meet 3ft sep
15496 Hwy 32	Gryboski, Thomas	X		New Conventional

15261	Brook Lane	Harris, Theodore	X	< 3ft from ZSSS or BR
17175	Gage St	Haskins, Robert	X	< 3ft from ZSSS
15155	Brook Lane	Havenstine, George	X	Soils meet 3ft sep
15138	County F	Hickinbotham, James	X	Soils meet 3ft sep
15305	Hwy 32	Hixon, James	X	Soils meet 3ft sep
17314	North Rd	Hoffman, Ervin	X	< 3ft from ZSSS
15408	Hwy 32	Hogan, Iva	X	< 3ft from ZSSS
15261	Hwy 32	Holl, Walter	X	Soils meet 3ft sep
17280	Circle Dr	Horn, Marvin	X	Soils meet 3ft sep
15257	Brook Lane	Huffer, Robert	X	< 3ft from ZSSS or GW
15250	Long St	Jarvais, Eugene	X	Soils meet 3ft sep
15289	County F	Jeranek, Elliott	X	Soils meet 3ft sep
17188	St Mary's Rd	Jeranek, Elmer	X	Soils meet 3ft sep
17408	Rugg Road	Jones, Russell	X	Soils meet 3ft sep
17105	Evergreen	Juedes, Brian	X	Soils meet 3ft sep
17276	Circle Dr	Kasperek, Kenneth	X	Soils meet 3ft sep
17194	St Mary's Rd	Kempson, Robert	X	Soils meet 3ft sep
15421	Hwy 32	Kennard, Marvel	X	Soils meet 3ft sep
15251	Hwy 32	Kennedy, Ruth	X	Soils meet 3ft sep
15260	Long St	Kerscher, Anton	X	Soils meet 3ft sep
15293	County F	Kerscher, Anton	X	Soils meet 3ft sep
15249	County F	Kilman, Willard	X	Soils meet 3ft se
15680	Hwy 32	Kitchenmaster, Veryle	X	Soils meet 3ft sep
15163	Brook Lane	Koch, Louis	X	Soils meet 3ft sep
15315	Hwy 32	Kolakowski, Thomas	X	Broken Tile
15553	Hwy 32	Krueger, John	X	Soils meet 3ft sep
15552	Hwy 32	Lakewood Fst. Pres.	X	Soils meet 3ft sep
17173	Evergreen	Linssen, Gary	X	< 3ft from ZSSS
15620	Hwy 32	Lowery, Neil	X	< 3ft from ZSSS
15207	Brook Lane	Lyons, Eugene	X	Soils meet 3ft sep
15686	Hwy 32	Mahnke, Jack	X	< 3ft from ZSSS
17243	Rugg Road	Marquardt, Gerald	X	Soils meet 3ft sep
17156	Wilson St	Marshall, Kevin	X	Soils meet 3ft sep
17369	North St	Mason, Karl	X	Soils meet 3ft sep
15487	Commercial	Mayer, Gary	X	Soils meey 3ft sep
17293	Circle Dr	Mazur, John	X	Soils meet 3ft sep
15297	Hwy 32	McMahon, Roy	X	Soils meet 3ft sep
17141	Evergreen	McNutt, Mark	X	Soils meet 3ft sep
17265	Circle Dr	Mellen, Richard	X	Soils meet 3ft sep
17205	Circle Dr	Mermuys, Thomas	X	Soils meet 3ft sep
17299	Circle Dr	Meylmans, Raymond	X	Soils meet 3ft sep
15199	Brook Lane	Mikula, Robert	X	Soils meet 3ft sep
15220	County F	Mills, Leola	X	Soils meet 3ft sep
15194	Brook Lane	Nelis, James	X	Soils meet 3ft sep
17374	Rugg Road	Nelson, Loren	X	Soils meet 3ft sep
17249	Rugg Road	Niccioli, Gene	X	Soils meet 3ft sep
15253	Long St	Northwoods Bible	X	< 3ft from ZSSS
15290	Long St	Northwoods Bible	X	Soils meet 3ft sep
15678	Hwy 32	Northern Hoff Aspen	X	No system
17317	North Rd	Ohlfs, Henry	X	Soils meet 3ft sep
17177	Sherman St	Padjen, Thomas	X	New conventional
15213	County F	Peterson, Charles	X	Discharge to SG
15219	County F	Peterson, Charles	X	Soils meet 3ft sep
15664	Hwy 32	Peterson, Marlene	X	< 3ft from ZSSS

17195	Evergreen	Pleshek, Michael	X		Soils meet 3ft sep
17255	Circle Dr	Pohl, Marvin	X		Soils meet 3ft sep
15337	Hwy 32	Rank, Terrence	X		Holding Tank
15345	Hwy 32	Rank, Terrence	X		Holding Tank
15223	Redinger Av	Redinger, David	X		Soils meet 3ft sep
15249	Hwy 32	Redinger Trust	X		Soils meet 3ft sep
15346	Long St	Reitzner, Joan	X		New Conventional
15684	Hwy 32	Rickel, Patrick		X	< 3ft from ZSSS
17174	St Mary's Rd	Riebe, Jane	X		Soils meet 3ft sep
15302	Long St	Roche, Maurice	X		Soils meet 3ft sep
15392	Hwy 32	Roy, Robert		X	< 3ft from ZSSS
17349	Rugg Road	Rugg, Leslie	X		Soils meet 3ft sep
15188	Brook Lane	Ruh, Melvin	X		Soils meet 3ft sep
15306	Long St	Scheuerman, Dale	X		Soils meet 3ft sep
15225	Hwy 32	Schmidt, George	X		Soils meet 3ft sep
15309	Hwy 32	Schmidt, Randall	X		Soils meet 3ft sep
17184	Wilson St	Schokey, Raoul	X		Soils meet 3ft sep
17270	Circle Dr	Schultz, Richard	X		Soils meet 3ft sep
15177	Brook Lane	Sherman, Thomas	X		Soils meet 3ft sep
15291	County F	Sports Card Center	X		Holding Tank
15290	Hwy 32	State Bank Wabeno	X		Soils meet 3ft sep
15351	Hwy 32	St. Louis, Thomas		X	< 3ft from ZSSS
15232	County F	ST. Mary's Church	X		Soils meet 3ft sep
15695	Hwy 32	Strommen, David	X		Holding Tanks
15292	Brook Lane	Swan, Leon	X		Soils meet 3ft sep
15285	Hwy 32	Tebo, Michael	X		No System
15289	Hwy 32	Tebo, Michael	X		Soils meet 3ft sep
17193	Wilson St	Tebo, Michael	X		Soils meet 3ft sep
17290	Circle Dr	Therrien, Mark	X		Soils meet 3ft sep
15115	County F	Thielke, Gerald	X		Soils meet 3ft sep
15335	Long St	Thomas, Viola	X		Soils meet 3ft sep
15374	Hwy 32	Thomas, Warren		X	Add Locks and Chains
15491	Commercial	Thomas, Warren	X		Soils meet 3ft sep
15293	Hwy 32	Thyssen, Earl	X		Soils meet 3ft sep
15271	Hwy 32	Tipler Well Drill	X		Soils meet 3ft sep
17258	North Road	Town of Lakewood	X		Soils meet 3ft sep
15397	Hwy 32	Town of Lakewood	x		Soils meet 3ft sep
15235	Hwy 32	Town of Lakewood	X		Holding Tank
15283	Hwy 32	Valley Trust Co.	X		Soils meet 3ft sep
17108	Evergreen	VanDenBloomer, R.	X		Soils meet 3ft sep
15275	Brook Lane	Verboomen, Norbert	X		Soils meet 3ft sep
15425	Hwy 32	Wachtendonk, John	X		Soils meet 3ft sep
15268	Long St	Wankowski, Elizabeth	X		Soils meet 3ft sep
15260	Brook Lane	Welter, Dawn		X	< 3ft From GW or ZSSS
17173	ST.Mary's Rd	Weyers, James		X	< 3FT From ZSSS
15381	Hwy 32	Wimberger, Richard	X		Soils meet 3ft sep
15266	Tugs Road	Whiting, Theresa	X		Soils meet 3ft sep
15248	Tugs Road	Wurzer, Henry	X		Soils meet 3ft sep
15272	Hwy 32	Wurzer, Thomas	X		Soils meet 3ft sep
17153	Evergreen	Yingling, Todd	X		Soils meet 3ft sep
17381	Rugg Road	Zabinske, Erwin	X		Soils meet 3ft sep



Allen Mason
34.87

Red H. Mason
40

Lester Jeffrey
40

E. Jera
20

Ronald H. McDonald,
80 etal

Anton S. & Jean F. Kerscher
79

Donald Jackson et ux
404

State of Wisconsin
(State Wild)
40

U.S.A.

Clarence & Liamae Jolly
80

Ira Strong
80

SKI HILL ACRES

U.S.A.

286.05

Larry Schabow
4.8

75.8

Paul Bunyon Ski & Recreation Inc.
17

200

LIT. BEAR

BINDER L.

Edward R. Buffa et ux
39

Eugene & Marv Dunsinn

SELL L.

Jack & David A. Bailey
80

Jack & David A. Bailey
80

Karl Siegel et al
7 54

BINDER LK.

U.S.A.

120

W. Kuhn
20

M. Schipferling
20

U.S.A.

360

DAMS-ROSS LA.

CASSIN CROSSING LA.

Russell S. Jones
39

C.S. G. S. Keester
10 20

June Berger
40

Margaret Roy
30

Cliff G. Marshall Jr.
79

GAILEY'S ACRES
20

Ellen B. Rosic
40

Williams

George & Anna Rugg
21

Lloyd Andrews
40

David Resinger
4

SMALL TRACT

TWO FORRESTER
18

BROOK

Yoop & Yoop
40

AIN L.

H.N.A. G.F. Corp./R. Inc.
12

Patricia Schulze
38

Leslie Preditt
130.91

SMALL TRACT

SMCH

Cal Peterson
25

R. Netusil et ux
20

32

AIN L.

Tom Friest
27.00

Patricia Schulze
38

GREEN ACRES (LINREC. SUB)

ROLLING HILLS (UNREC.)

W. Wolff
17.5

Ruth Koch

Lonny Jackson

AIN L.

Scott & Terri Harrison
40.35

Gerald & Geige
39

GREEN ACRES (LINREC. SUB)

W. Wolff
17.5

Ruth Koch

Ruth Koch

Lonny Jackson

MARCHIBALD LK. RD.

Scott & Terri Harrison
40.35

Gerald & Geige
39

GREEN ACRES (LINREC. SUB)

W. Wolff
17.5

Ruth Koch

Ruth Koch

Lonny Jackson

39

COMMUNITY OF MOUNTAIN - SOIL INSPECTIONS

100 Sites inspected as of August 27, 1993

15 systems fail due to High Ground Water or Zones of Seasonally Saturated Soil.

85 Systems pass due to:

12 are Holding Tanks

15 are New Conventional

58 are existing conventional systems which meet the soil requirements.

15 % of the systems are failing

85 % of the systems are passing, including systems which have already been brought up to code.

Percent failing and passing with the systems up to code, HTS and New Conventional, removed.

20 % of the systems are failing

80 % of the existing conventional systems are passing

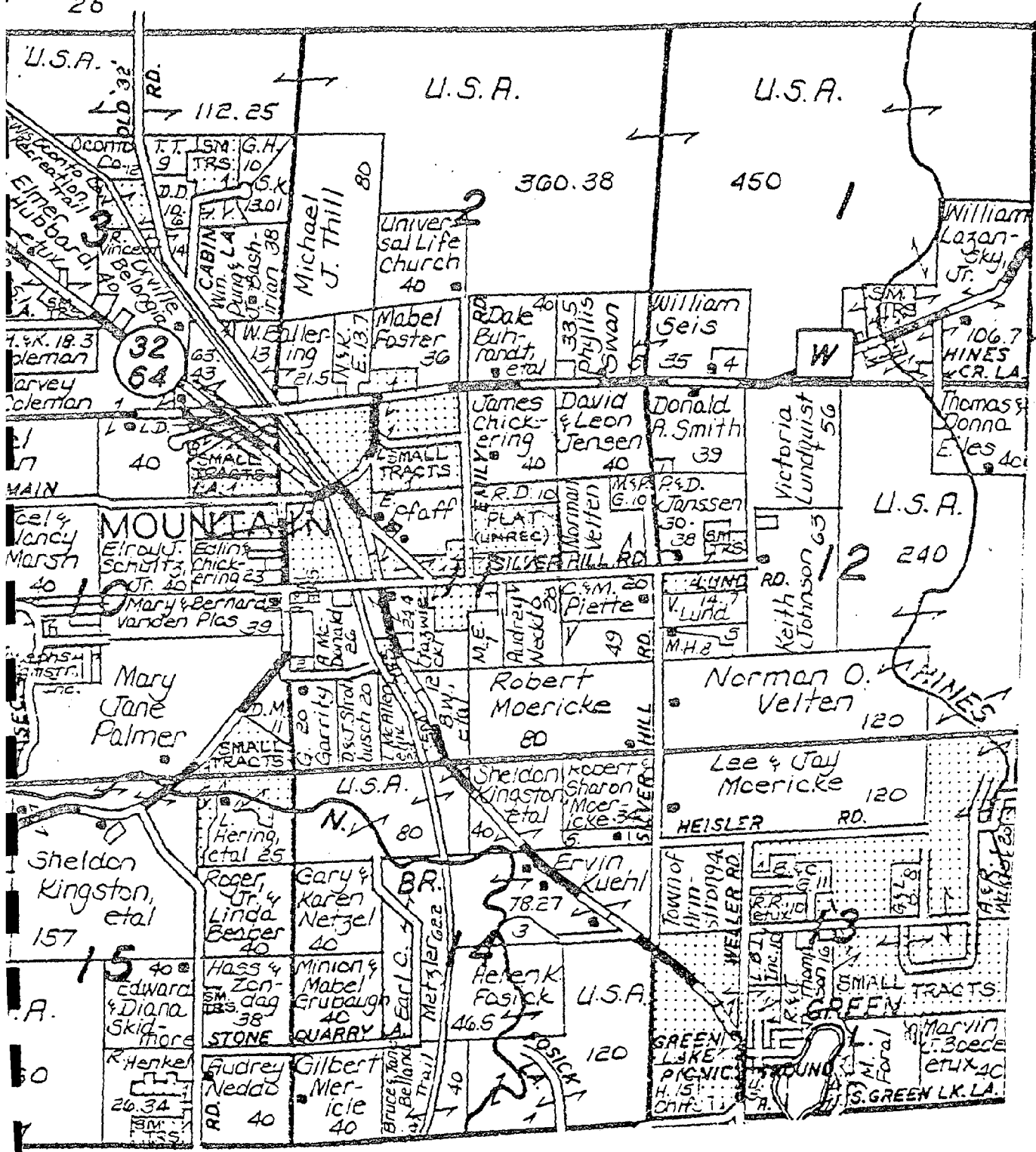
MOUNTAIN COMMUNITY
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Pass</u>	<u>Fail</u>	<u>Reasons</u>
13953 Hwy 32 & 64	Anderson, Arnold	X		Holding tank
14007 Hwy 32 & 64	Auto Financial Ser	X		Holding Tank
13984 Hwy 32 & 64	Baldwin, Rodney	X		Holding tank
14270 Spring CrRd	Ballering, William	X		Soils meet 3ft sep
14324 County W	Bartz, Ircel	X		Soils meet 3ft sep
14336 Main Ln	Bartz, Wayne	X		Soils meet 3ft sep
14218 County W	Bauman, Linda	X		Holding Tank
14008 Emily Rd	Berglin, Jack		X	2 share 1 system
13994 Emily Rd	Berglin, Kenneth	X		Soils meet 3ft sep
13946 Hwy 32 & 64	Beth, Michael	X		Holding tank
14318 County W	Bowman, Bernard	X		Soils meet 3ft sep
14345 Main Ln	Cannon, Janeth	X		Soils meet 3ft sep
14040 Emily Rd	Chickering, James	X		Soils meet 3ft sep
14337 County W	Chickering, James	X		Soils meet 3ft sep
14345 County W	Chickering, James	X		Soils meet 3ft sep
14340 County W	Chickering, Vivien	X		Soils meet 3ft sep
14353 County W	Christian, Jack	X		New conventional
14092 Hwy 32 & 64	Coleman, Harvey	X		Soils meet 3ft sep
14176 Doran Rd	Debauche, Clifford	X		New conventional
14158 Doran Rd	Dekatch, Bernadette	X		New conventional
14013 Hwy 32 & 64	Deltgen, James	X		Holding Tanks
14010 Emily Rd	Dewitt, Philip	X		Soils meet 3ft sep
14024 Emily Rd	Diestler, Raymond	X		Soils meet 3ft sep
14244 County W	Dunlap, Lloyd	X		Holding tanks
14344 County W	Eldin, Diane	X		Soils meet 3ft sep
14438 Elbe Lane	Elbe, Paul	X		Soils meet 3ft sep
14446 Elbe Lane	Elbe, Peter	X		New conventional
14439 Elbe Ln	Elbe, Steven	X		Soils meet 3ft sep
13941 Hwy 32 & 64	Fire Dept. Park	X		Vaulted Privy
14312 County W	Flynn, Kelly	X		New conventional
14050 Old 32	Forrest, Leslie	X		Soils meet 3ft sep
14062 Silver Hill	Foster, Diane	X		Soils meet 3ft sep
14294 County W	Frisch, Nora	X		Soils meet 3ft sep
14281 Church Rd	Haefs, David	X		Soils meet 3ft sep
14288 Ridge St	Hagen, Barbara	X		Soils meet 3ft sep
13993 Hwy 32 & 64	Haase, Mary	X		Soils meet 3ft sep
14075 Hwy 32 & 64	Heuser, Ronald	X		Holding tank
13985 Railroad Av	Hitchcock, Roy		X	< 3ft from ZSSS
14032 Old 32	Hoerres, Mary	X		Soils meet 3ft sep
14249 County W	Hubatch, Raymond		X	SG, < 3ft from ZSSS
13927 Silver Hill	Isaacson, Oswald		X	< 3ft from ZSSS
14308 County W	Jacquet, Harrison	X		Soils meet 3ft sep
14048 Hwy 32 & 64	Janssen, Paul	X		Soils meet 3ft sep
14054 Hwy 32 & 64	Janssen, Paul	X		Soils meet 3ft sep
13890 Hwy 32 & 64	Jazwiecki, Leonard	X		New conventional
13938 Silver Hill	Jensen, Mary	X		Soils meet 3ft sep
14201 County W	Johnston, Alfred		X	< 3ft from ZSSS
14316 Main Ln	Johnson, Tom		X	< 3ft from ZSSS

14159	Doran Rd	Kalk, Roger	X		New Conventional
14256	Spring CrRd	Kingston, Leona	X		Soils meet 3ft sep
14180	County W	Kramer, Earl	X		No system
14190	County W	Kramer, Earl		X	< 3ft from ZSSS
13952	Railroad Av	Lambrecht, Shyrl		X	< 3ft from ZSSS
14205	County W	Lapaige, Carol		X	< 3ft from ZSSS
14098	Hwy 32 & 64	Larsen, Willard	X		Soils meet 3ft sep
14057	Hwy 32 & 64	Leonard, Richard	X		Soils meet 3ft sep
13910	Emily Rd	Megggers, Bonnie	X		Soils meet 3ft sep
13960	Hwy 32 & 64	Menting, Edward	X		Vacant house
14035	Dewey St	Metzler, Arlene	X		Soils meet 3ft sep
14104	Hwy 32 & 64	McLain, Marylain	X		Soils meet 3ft sep
14295	County W	Mountain church	X		Soils meet 3ft sep
14108	Silver Hill	Napier, Ronald	X		Soils meet 3ft sep
14202	County W	Niemann, Douglas	X		New conventional
13954	Hwy 32 & 64	Miemann, Douglas	X		Holding tank
13937	Silver Hill	Norwest Bank	X		Soils meet 3ft sep
14206	County W	Olson, Jan		X	< 3ft from ZSSS
13992	Hwy 32 & 64	Olson, Jan	X		Holding tank
14259	Spring CrRd	Olson, Ruth	X		Soils meet 3ft sep
14269	Spring CrRd	Pagel, Bernice	X		Soils meet 3ft sep
13940	Silver Hill	Patula, Raymond	X		Soils meet 3ft sep
14241	County W	Peterson, Darrell		X	< 3ft from ZSSS
13934	Silver Hill	Pfaff, Elaine	X		Soils meet 3ft sep
13245	Spring CrRd	Rakowski, Virgil	X		Soils meet 3ft sep
14235	County W	Rasmussen, Viola		X	< 3ft from Gw or ZSSS
14066	Hwy 32 & 64	Royce, Gerald	X		Soils meet 3ft sep
14339	Main Ln	Rushton, A.E.	X		Soils meet 3ft sep
14022	Doran Rd	Saffran, Norman		X	< 3ft from BR or ZSSS
14282	Church Rd	Schaal, Cyril	X		New conventional
14268	Church Rd	Schaal, Cyril	X		Soils meet 3ft sep
14267	Church Rd	Schaal, Stewart	X		Soils meet 3ft sep
14173	Doran Rd	Schindler, John	X		New conventional
14330	County W	School Dist. # 1	X		Soils meet 3ft sep
14327	Main Ln	Schwartz, Raymond	X		Soils meet 3ft sep
14275	Ridge St	Spreeman, James	X		Soils meet 3ft sep
14302	County W	Sorenson, Harold	X		New conventional
14164	Doran Rd	Stout, Susan	X		New conventional
14290	ArmstrongSt	Strebe, Kenneth	X		Soils meet 3ft sep
14162	Church Rd	Tabor Luthern		X	< 3ft from ZSSS
14153	Church Rd	Tabor Luthern	X		Holding tank
14184	Doran Rd	Tesch, Arlis		X	< 3ft from GW or ZSSS
13986	Silver Hill	Tetzlaff, Arlan	X		Soils meet 3ft sep
13965	Hwy 32 & 64	Town of Mountain	X		No soil abs. system
14170	Doran Rd	Trepanier, Wilbert	X		New conventional
14056	Old 32	Trepanier, Wilbert	X		Soils meet 3ft sep
14290	County W	Trever, Lois	X		Soils meet 3ft sep
14082	Old 32	Trever, Melvin	X		Soils meet 3ft sep
14284	Spring CrRd	Vogeltanz, Robert	X		Soils meet 3ft sep
14183	Doran St	Wasurick, Al	X		New conventional
14152	Doran St	Willemon, Mike	X		New conventional
13945	Hwy 32 & 64	Yokeum, David	X		Holding tank

T.31N.-R.16E.

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COMMUNITY OF PENSsauKEE - SOIL INSPECTIONS

103 Sites inspected as of May 5, 1993

90 systems fail due to High Ground Water, Zones of Seasonally Saturated Soil, and Direct Discharge to the Surface of the Ground or Wetlands.

13 systems pass due to being Holding Tanks

90 % of the systems are failing

10 % of the systems are passing, including systems which have already been brought up to code.

Percent failure and passing with the systems up to code , HTS, removed.

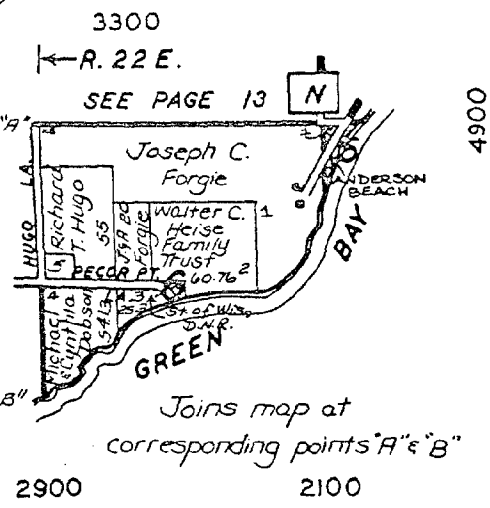
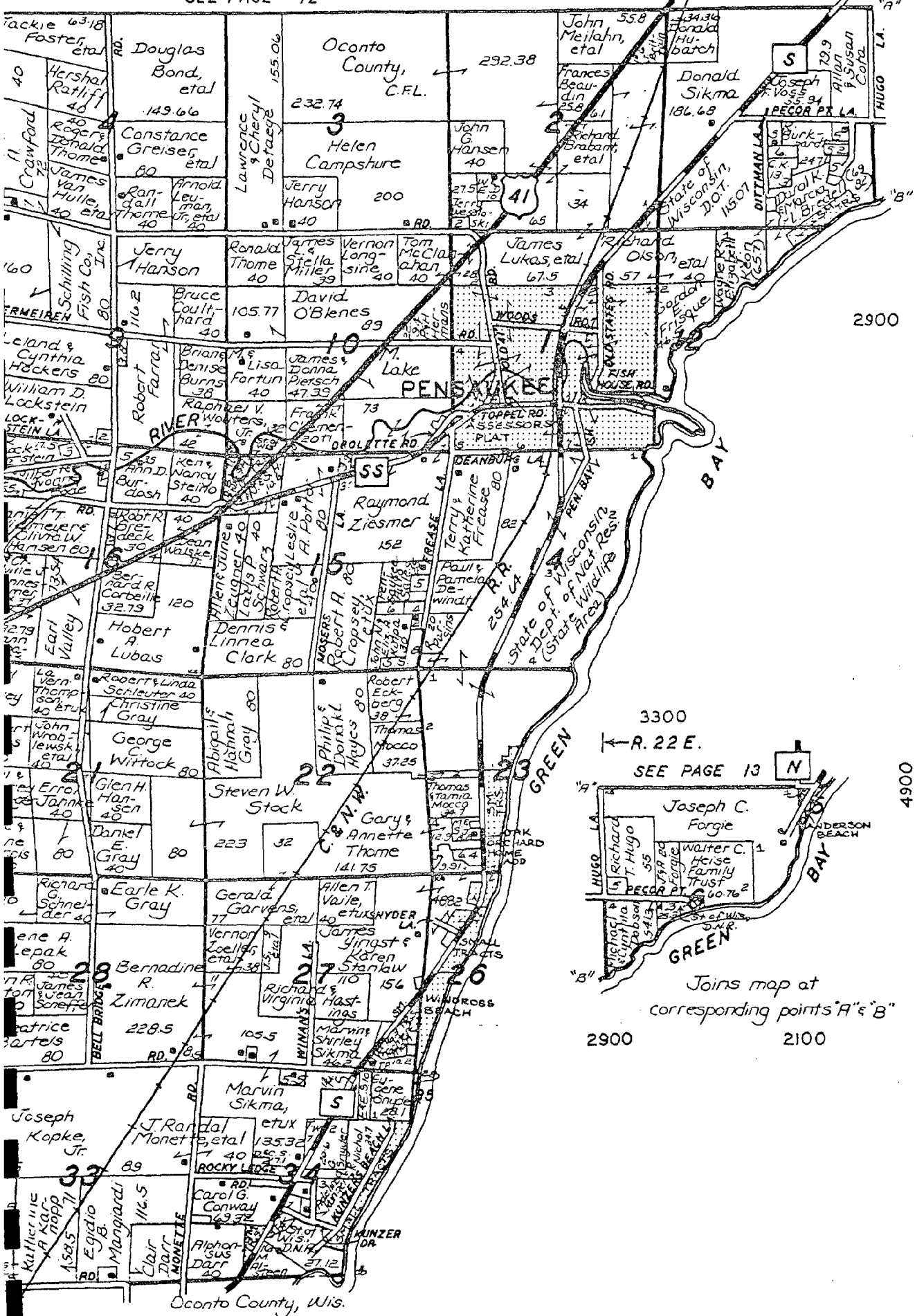
100 % of the systems are failing

None of the existing systems are passing

PENSAUKEE SANITARY DISTRICT
SOIL INSPECTIONS

<u>Physical Address</u>	<u>Owner</u>	<u>Passed</u>	<u>Failed</u>	<u>Reasons</u>
2614 County S	Alsteen, Milton		X	Surface ponding
3181 County SS	Bartz, Darrell		X	< 3ft from GW or ZSSS
3173 County SS	Bartz, Darrell	X		Holding Tank
4260 Old St. Rd	Breed, Jacob		X	< 3ft from GW or ZSSS
3271 Snyder Ln	Bredell, Dennis	X		Holding Tank
3112 County S	Campbell, Daryl		X	< 3ft from GW, BR, ZSSS
2546 County S	Darr, Alphonsus		X	< 3ft from GW or ZSSS
2465 County S	Darr, Clair		X	< 3ft from GW or ZSSS
2673 Rocky Ledge	Darr, Lula Mae		X	< 3ft from GW or ZSSS
2663 Rocky Ledge	Darr, Lula Mae		X	< 3ft from GW or ZSSS
3205 Dienberg Ln	DeWindt, Paul		X	< 3ft from GW or ZSSS
4066 Pen Bay Sh	Doeren, Sebastian		X	< 3ft from GW, SG, ZSSS
4095 Pen Bay Sh	Donlevy, Brian		X	< 3ft from GW or ZSSS
3090 Fish HouseRd	DonLevy, John		X	< 3ft from GW or ZSSS
3288 Drolette Rd	Drolette, Mabel		X	< 3ft from GW or ZSSS
3163 County SS	Duffy, Randall		X	< 3ft from GW or ZSSS
2728 Kunzer Beach	Duquaine, Ed		X	< 3ft from GW or ZSSS
4133 Pen Bay Sh	Dworshok, Donald		X	< 3ft from GW or ZSSS
3272 Snyder Ln	Eichman, Carl		X	< 3ft from GW or ZSSS
2812 Kunzer Beach	Elliott, Terri		X	< 3ft from GW, BR, ZSSS
3104 County S	Flanagan, Charles		X	< 3ft from GW, BR, ZSSS
4072 Frease Ln	Frease, Terry		X	Discharge to SW, SG
2971 Fish HouseRd	Fritz, Jacob		X	< 3ft from GW or ZSSS
3065 Old St Rd	Frisque, Gordon		X	< 3ft from GW or ZSSS
3196 County S	Gevers, M.J.		X	< 3ft from BR or ZSSS
3145 Wood Rd	Gogat, Genevieve		X	Discharge to SG, SW
2824 Kunzer Beach	Goodletson, Tom		X	< 3ft from GW or ZSSS
4364 Old 41	Grohall, Louise		X	< 3ft from GW or ZSSS
3096 County S	Haessly, Eugene		X	< 3ft from GW, BR, ZSSS
3488 County S	Hanes, Ronald	X		Holding Tank
4143 Pen Bay Sh	Hansen, Albert		X	< 3ft from GW or ZSSS
2704 Kunzer Beach	Herber, Peter	X		Holding Tank
3290 County S	Honish, John	X		Holding tank
4132 Pen Bay Sh	Jessel, Charles		X	Discharge to SW, SG, GW
3178 County S	Johnson, Willis		X	< 3ft from BR or ZSSS
3336 Drolette Rd	Kasbaum, Ann Marie		X	Discharge to SW, SG, GW
3188 County S	Kimber, Allan		X	< 3ft from BR or ZSSS
3296 County S	Koch, Harold		X	< 3ft from BR or ZSSS
2830 Kunzer Beach	Kramer, King	X		Holding Tank
3074 Fish HouseRd	Krutzik, Merlin		X	< 3ft from GW or ZSSS
2624 County S	Kunzer, Adeline		X	< 3ft from GW or ZSSS
2782 kunzer Beach	Kutner, Mary		X	< 3ft from BR or GW
4191 Lower St Rd	Lipp, Donna		X	Discharge to SG, GW
3019 Fish HouseRd	Livermore, Duane		X	< 3ft from GW or ZSSS
3073 Wood Rd	Metzler, Bernard		X	Discharge to SW
4199 Lower St Rd	Miller, James	X		Holding Tank
4428 Old 41	Mocco, Wilfred		X	< 3ft from GW or ZSSS
2538 County S	Nelis, Calvin		X	Discharge to SG, SW
2988 County S	Nier, Edward		X	< 3ft from GW or ZSSS

4084	Pen Bay Sh	O'Connor, Richard	X	Discharge to SW,SG,GW
2752	Kunzer Beach	Osten, Ruth	X	< 3ft from GW or ZSSS
3152	County SS	Peterson, Dorothy	X	< 3ft from GW or ZSSS
2742	Kunzer Beach	Posey, Gary	X	< 3ft from GW or ZSSS
3065	Wood Rd	Rasmussen, Allen	X	Discharge yo SG,ZSSS
2589	County S	Renard, Frank	X	< 3ft from GW or ZSSS
4168	Old 41	Drolette, Donald	X	< 3ft from GW or ZSSS
2929	Fish HouseRd	Schilling Fish Co	X	< 3ft from GW or ZSSS
2946	Fish HouseRd	Schilling Fish Co	X	Discharge to SW, ZSSS
2960	Fish HouseRd	Scott, David	X	Discharge to SW
4272	Old St Rd	Snyder, Bruce	X	Discharge to GW,SG
3291	Snyder Ln	Snyder, Michael	X	< 3ft from BR or ZSSS
3527	County S	Snyder, Roger	X	Holding Tank
4115	Pen Bay Sh	Sohrweide, Roger	X	< 3ft from GW or ZSSS
4153	Pen Bay Sh	Stoegbauer, Pat	X	< 3ft from GW or ZSSS
3143	County SS	Swaer, Art	X	Discharge to SG,SW,GW
4109	Pen Bay Sh	Swaer, David	X	< 3ft from GW or ZSSS
3214	County SS	Swaer, Dean	X	< 3ft from GW or ZSSS
3000	Fish HouseRd	Swaer, Dean	X	< 3ft from GW or ZSSS
2985	Fish HouseRd	Swaer, Dean	X	Discharge to SW,GW
3001	Fish HouseRd	Swaer, Dean	X	Discharge to SW,GW
4146	Pen Bay Sh	Swaer, Francis	X	< 3ft from GW or ZSSS
3050	Fish HouseRd	Swaer, Norbert	X	< 3ft from GW or ZSSS
3426	County S	Swaer, Orpha	X	< 3ft from GW or ZSSS
4193	Topel Rd	Thompson, Lavern	X	No System
4162	County SS	Thompson, Lavern	X	< 3ft from GW or ZSSS
3184	County SS	Thompson, Lavern	X	< 3ft from GW or ZSSS
3090	County S	Tonon, Francie	X	< 3ft from BR
4120	Pen Bay Sh	Topel, Barry	X	Discharge to SW,SG,GW
4295	Old St Rd	Topel, Fred	X	< 3ft from GW or ZSSS
3312	Drolette Rd	Topel, Russell	X	< 3ft from GW or ZSSS
3116	County S	Urban, Robert	X	< 3ft from BR
3262	County S	VanderBloomen, Ellen	X	< 3ft from BR
3070	County S	VanEss, Walter	X	< 3ft from GW or ZSSS
3446	County S	Weber, Jeff	X	Holding Tank
3306	County S	Weigelt, Harold	X	Holding Tank
4203	Topel Rd	Weinandt, Robert	X	< 3ft from GW or ZSSS
2620	Kunzer Beach	Westfahl, Gilbert	X	Holding Tank
2650	Kunzer Beach	Whiting, David	X	Holding Tank
3341	County SS	Ziesmer, Raymond	X	< 3ft from GW or ZSSS



CHUTE POND - SOIL INSPECTIONS

336 Sites inspected as of October 8, 1993

61 systems fail due to High Ground Water, Zones of Seasonally Saturated Soil, or Illegal Systems.

275 systems pass due to:

16 are existing Holding Tanks

7 are existing Mounds

11 are New Conventional

2 are Houses without systems

239 are existing conventional systems which meet the soil requirements.

18 % of the systems are failing

82 % of the systems are passing, including systems which have already been brought up to code.

Percent failing and passing with the systems up to code, HTS, Mounds, and New Conventional, removed.

20 % of the systems are failing

80 % of the existing conventional systems are passing

CHUTE POND COMMUNITY
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Pass</u>	<u>Fail</u>	<u>Reasons</u>
12505 W Shore Dr	Aerts, Russell	X		Soils meet 3ft sep
13276 Hwy 64	Allen, Patrick	X		Soils meet 3ft sep
13445 Joppa Ln	Athey, John	X		Soils meet 3ft sep
12175 S Shore Dr	Athey, Raymond		X	< 3ft from ZSSS
12334 S Shore Dr	Awe, Margaret	X		Mound System
12954 Bauman Ln	Bacheller, Evelyn	X		Soils meet 3ft sep
12338 S Shore Dr	Badeau, David	X		Soils meet 3ft sep
13763 Lake Sh Ln	Baeten, Clyde	X		Soils meet 3ft sep
12836 W Shore Dr	Baeten, Robert	X		Soils meet 3ft sep
13412 Hillside Dr	Baier, Earl	X		Soils meet 3ft sep
12667 E Shore Dr	Bartingal, Robert	X		Soils meet 3ft sep
12748 W Shore Dr	Bartz, Robert	X		Soils meet 3ft sep
12332 W Shore Dr	Bast, Helen	X		No System
13774 Bonita Ln	Basten, Norbert		X	< 3ft from ZSSS
12970 Bauman Ln	Bauman, James	X		Soils meet 3ft sep
12930 Bauman Ln	Bauman, James	X		Soils meet 3ft sep
12546 W Shore Dr	Bauman, Richard	X		Soils meet 3ft sep
12627 E Shore Dr	Baumgartner, Gerald	X		Soils meet 3ft sep
13206 Hillside Dr	Beck, Frank Joe		X	< 3ft from BR & ZSSS
12566 W Shore Dr	Beckman, Orville	X		Soils meet 3ft sep
12777 E Shore Dr	Bermke, Kenneth	X		New Mound
13758 Bonita Ln	Bernston, Paul	X		Soils meet 3ft sep
13811 Bonita Ln	Beyer, Darrell		X	< 3ft from ZSSS
13663 Lake Sh Ln	Bohrmueller, Melvin	X		Soils meet 3ft sep
13683 Lake Sh Ln	Bohrmueller, Melvin	X		Soils meet 3ft sep
13286 Hwy 64	Borah, William	X		Soils meet 3ft sep
12342 W Shore Dr	Bowen, Margaret	X		New Mound
12582 W Shore Dr	Boyle, Kenneth	X		Soils meet 3ft sep
13380 Hillside Dr	Blecke, Joan	X		Soils meet 3ft sep
12870 W Shore Dr	Bray, Donald	X		New Conventional
12789 E Shore Dr	Brennecke, Jane	X		Soils meet 3ft sep
13416 Hillside Dr	Brock, Milton	X		New Conventional
13667 S Sh Hts Ln	Brodhagen, Kenneth	X		Soils meet 3ft sep
12338 W Shore Dr	Brown, Henry		X	< 3ft from ZSSS
13376 Hillside Dr	Bryfczynski, Donald	X		Soils meet 3ft sep
12576 Berry Dr	Buck, Allan	X		Soils meet 3ft sep
13007 L Egly Rpds	Buelow, Leonard		X	< 3ft from Gw or ZSSS
13664 S Sh Hts Av	Burns, Michael	X		Soils meet 3ft sep
12760 W Shore Dr	Capelle, Lloyd	X		Soils meet 3ft sep
12271 Sunset Ln	Cerk, Kenneth	X		Holding Tank
12783 E Shore Dr	Check, Joyce	X		Soils meet 3ft sep
13091 L Egly Rpds	Choren, Anthony	X		Soils meet 3ft sep
13810 Bonita Ln	Christie, Bernice	X		Soils meet 3ft sep
12765 E Shore Dr	Coppus, Joseph	X		Soils meet 3ft sep
12578 W Shore Dr	Craig, Grantland	X		Soils meet 3ft sep
13122 Hwy 64	Czerwinski, Dennis	X		Soils meet 3ft sep
12630 W Shore Dr	Dauer, George	X		Soils meet 3ft sep
13458 Joppa Ln	Deau, Larry	X		Soils meet 3ft sep

13779	Lake Sh Ln	Delcore, Francis	X		Soils meet 3ft sep
12575	W Shore Rd	Depner, Lyman		X	< 3ft from ZSSS
14195	Kingston Rd	Devroy, Richard	X		Soils meet 3ft sep
12415	Poquette Ln	Dillon, Edward	X		Soils meet 3ft sep
12421	Poquette	Dillon, Edward	X		Soils meet 3ft sep
13690	S Sh Hts Ln	Dishaw, James	X		Soils meet 3ft sep
13284	Hwy 64	Ditiege, Bonnie	X		Soils meet 3ft sep
12577	Berry Dr	Donovan, Mabel	X		Soils meet 3ft sep
12489	W Shore Rd	Dorn, Robert	X		Soils meet 3ft sep
13368	Hillside Dr	Duchateau, Wayne	X		Soils meet 3ft sep
12562	W Shore Dr	Edquist, Gary	X		New conventional
12936	Bauman Ln	Ellenbecker, Larry	X		Soils meet 3ft sep
12234	S Shore Dr	Ellington, Diane	X		Soils meet 3ft sep
12360	W Shore Dr	Eslien, Howard	X		Soils meet 3ft sep
12275	Sunset Ln	Ferry, Wilbert	X		Holding Tank
13374	Woodland Ln	Flynn, Patrick		X	< 3ft from BR & ZSSS
13821	Bonita Ln	Fox, Jerome	X		Soils meet 3ft sep
13370	Woodland Ln	Fox, Gerald	X		Mound System
12574	W Shore Dr	Frechette, Harold		X	< 3ft from ZSSS
12771	E Shore Dr	Frisch, Roy	X		Soils meet 3ft sep
12233	S Shore Dr	Gaab, Mark	X		Soils meet 3ft sep
12226	S Shore Dr	Gagan, Robert	X		Soils meet 3ft sep
12977	L Bgly Rpds	Gajdostik, Anthony	X		Soils meet 3ft sep
12814	W. Shore Dr	Genrich, Robert	X		Soils meet 3ft sep
13340	Woodland Ln	Gerou, C.M.		X	< 3ft from ZSSS
13735	Lake Sh Ln	Gerrits, Harold	X		Soils meet 3ft sep
13701	Lake Sh Ln	Gerskow, Melvin		X	Privy & Plumbing
12388	S Shore Dr	Geurts, Fred		X	Add Lock and Chain
12597	Waupee Rvr	Giese, Allen	X		Soils meet 3ft sep
13320	Hillside Dr	Giese, Delbert	X		Holding Tank
13350	Woodland Ln	Gilbertson, Leroy	X		Holding Tank
13378	Woodland Ln	Gilson, Darold		X	< 3ft from BR & ZSSS
13025	L Bgly Rpds	Giuliani, Joseph		X	< 3ft from GW or ZSSS
12362	W Shore Dr	Golden, Martin	X		New conventional
12345	W Shore Dr	Golden, Peter	X		New Mound
12354	S Shore Dr	Gore, Norman	X		Soils meet 3ft sep
12604	Berry Dr	Grey, Harry	X		Soils meet 3ft sep
14167	Kingston Rd	Gunkel, David	X		Soils meet 3ft sep
12617	E Shore Dr	Gutnecht, Donald	X		Soils meet 3ft sep
12244	S Shore Dr	Hagen, Jerome		X	< 3ft from GW or ZSSS
12558	W Shore Dr	Hansche, Charles	X		New conventional
13441	Cresent Dr	Hansen, Roger	X		Soils meet 3ft sep
12314	S Shore Dr	Hanson, Leslie		X	Add Locks And Chain
12330	S Shore Dr	Hardekopf, Fred		X	< 3ft from ZSSS
13668	S Sh Hts Ln	Hartman, Francis	X		Soils meet 3ft sep
12561	Balsam La	Hartwell, Richard	X		Soils meet 3ft sep
12217	S Shore Dr	Heilman, Robert	X		Soils meet 3ft sep
13430	Joppa Ln	Helmarth, Theresia	X		Soils meet 3ft sep
12316	W Shore Dr	Hendricks, Kenneth	X		New Conventional
12960	Bauman Ln	Hendricks, William	X		Soils meet 3ft sep
12660	W Shore Dr	Hengel, Donald	X		Soils meet 3ft sep
12675	E Shore Dr	Henke, James	X		Soils meet 3ft sep
12336	W Shore Dr	Hergert, Paul		X	< 3ft from BR, GW, ZSSS
12392	S Shore Dr	Hermus, John		X	< 3ft from SW or ZSSS

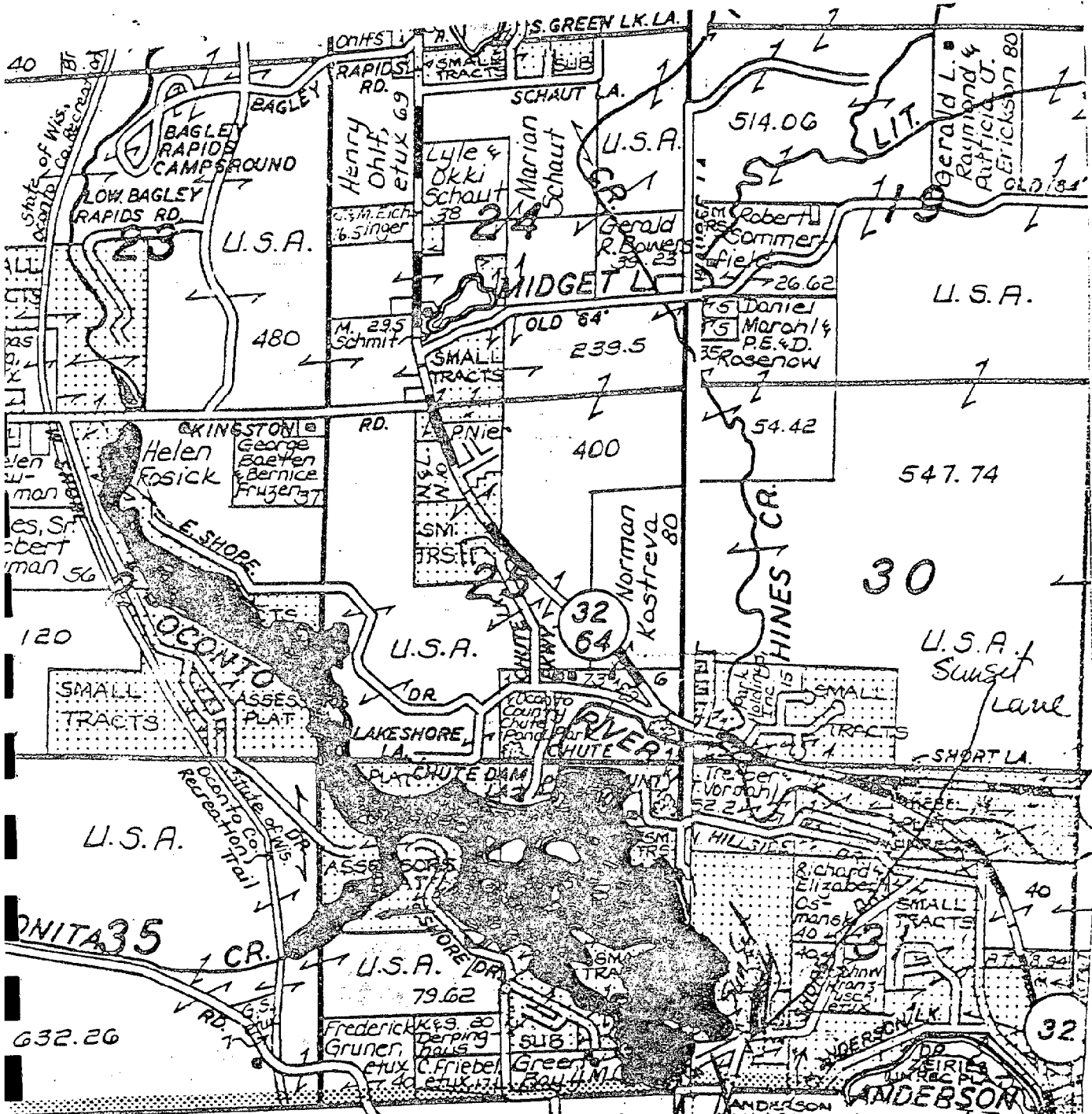
13763	Bonita Ln	Hewett, John		X	< 3ft from ZSSS
12261	Sunset Ln	Heyrman, Clifford		X	< 3ft from BR
13543	S Sh Hts Ln	Hietpas, Lee	X		Soils meet 3ft sep
13850	Bonita Ln	Hintz, Norbert		X	< 3ft from GW or ZSSS
13826	Bonita Ln	Hockers, Francis	X		Soils meet 3ft sep
12583	E Shore Dr	Hoehne, Eileen	X		Soils meet 3ft sep
13678	S Sh Hts Av	Hoffman, Robert	X		Soils meet 3ft sep
12429	Poquette Ln	Horkman, Donald		X	< 3ft from ZSSS
12479	W Shore Dr	Huiting, Donald	X		Soils meet 3ft sep
13189	Hwy 64	Hulchiy, Michael	X		Soils meet 3ft sep
13433	Crescent Dr	Huska, Robert	X		Soils meet 3ft sep
13366	Woodland Ln	Ison, Leslie		X	< 3ft from BR
12577	E Shore Dr	Jahnke, Leroy	X		Soils meet 3ft sep
12586	W Shore Dr	Jandrey, Henry	X		Soils meet 3ft sep
12805	E Shore Dr	Janquart, Julie	X		Soils meet 3ft sep
13490	Chute Dam Ln	Jans, Ron	X		Soils meet 3ft sep
14173	Kingston Rd	Jasculca, Richard	X		Soils meet 3ft sep
13680	S Sh Hts Ln	Jindra, Dan	X		Soils meet 3ft sep
12595	E Shore Dr	Johnson, Richard	X		Soils meet 3ft sep
12650	W Shore Dr	Johnson, Violet	X		Soils meet 3ft sep
12795	E Shore Dr	Jolly, William	X		Soils meet 3ft sep
12725	E Shore Dr	Jost, Roger	X		New Conventional
14175	Kingston Rd	Kamper, Herbert	X		Soils meet 3ft sep
13280	Hillside Dr	Karnitz, Dane	X		Holding Tank
12589	W Sh Heights	Kerscher, Paul	X		Soils meet 3ft sep
13651	S Sh Hts Av	Kersten, Clarence	X		Soils meet 3ft sep
12324	W Shore Dr	Kersten, Robert	X		Holding Tank
13693	Lake Sh Ln	Kester, Willert	X		Soils meet 3ft sep
12342	S Shore Dr	Kielbasa, Frank		X	< 3ft from GW or ZSSS
13522	Hillside Dr	Kiernan, Patrick	X		Soils meet 3ft sep
13360	Woodland Ln	Kiffe, James		X	< 3ft from ZSSS
12659	E Shore Dr	King, Donald	X		Soils meet 3ft sep
13805	Bonita Ln	King, Paul		X	Add lock and chain
13324	Hillside Dr	Kitzman, Robert	X		Holding Tank
13769	Lake Sh Ln	Klawitter, Kevin	X		Soils meet 3ft sep
12245	Sunset Ln	Klobuchar, Robert		X	Add locks and chains
12223	Sunset Ln	Koehnke, Ralph		X	< 3ft from BR
13369	Hillside Dr	Kollman, Milton	X		Soils meet 3ft sep
13410	Joppa Ln	Konczyk, B. J.	X		Soils meet 3ft sep
12618	W Shore Dr	Kratcheck, Edward	X		Soils meet 3ft sep
12220	S Shore Dr	Kros, Joseph	X		Soils meet 3ft sep
12322	S Shore Dr	Krueger, Edward		X	Disconnect Plumbing
13296	Hillside Dr	Kuble, Thomas	X		Soils meet 3ft sep
13276	Hillside Dr	Kuehl, Gerald	X		Holding Tank
13384	Woodland Ln	Lakso, Eugene	X		Soils meet 3ft sep
13778	Bonita Ln	Lamers, Harold		X	< 3ft from ZSSS
12305	S Shore Dr	Lamers, William		X	Add Lock And Chain
12592	W Shore Dr	Lanser, Cyril	X		Soils meet 3ft sep
13354	Woodland Ln	Lardinois, Laverne	X		Holding Tank
12643	E Shore Dr	Lautenschlager, G.	X		Soils meet 3ft sep
12990	Bauman Ln	LeBlanc, Jerome	X		Soils meet 3ft sep
13647	S Sh Hts Av	Lecomte, Donna	X		Soils meet 3ft sep
13684	S Sh hts Av	Lemense, Danny	X		Soils meet 3ft sep
13518	Hillside Dr	LeMere, Gerald	X		Soils meet 3ft sep

12601	E Shore Dr	Lepkowski, Robert	X		Soils meet 3ft sep
12173	S Shore Dr	Lewis, Orville		X	< 3ft from ZSSS
12692	W Shore Dr	Linstad, Gary	X		Soils meet 3ft sep
12301	S Shore Dr	Litscher, Thomas	X		Soils meet 3ft sep
13486	Chute Dam Ln	Loritz, J.	X		Soils meet 3ft sep
13697	Lake Sh Ln	Lubenske, John		X	Direct Discharge SG
12506	W Shore Dr	Luck, Wallace	X		Soils meet 3ft sep
12229	S Shore Dr	Luedeman, Alvin	X		Soils meet 3ft sep
12318	S Shore Dr	Maccaux, Edward		X	< 3ft from ZSSS
13498	Hillside Dr	Macco, James	X		Soils meet 3ft sep
12400	S Shore Dr	Madsen, David		X	Add lock and chain
13622	S Sh Hts Av	Magnin, Dean	X		Soils meet 3ft sep
13725	Lake Sh Ln	Makholm, C.M.		X	Privy & Plumbing
13640	S Sh Hts Ln	Mancusi, Nancy	X		Soils meet 3ft sep
13394	Woodland Ln	Mantz, Lyle	X		Soils meet 3ft sep
12609	E Shore Dr	Marquardt, Randis	X		Soils meet 3ft sep
12989	L Bgly Rpds	Martin, Herbert	X		Soils meet 3ft sep
12613	Berry Dr	Maas, Lawrence	X		Soils meet 3ft sep
12470	Hwy 32 & 64	McDonald, Ardyth	X		Soils meet 3ft sep
13408	Hillside Dr	McGlinn, Harold		X	Privy & Plumbing
12681	E Shore Dr	McKellep, Jane	X		Soils meet 3ft sep
12830	W Shore Dr	Mecikaliski, Leroy	X		Soils meet 3ft sep
12687	E Shore Dr	Melnarik, Edward	X		Soils meet 3ft sep
13610	S Sh Hts Ln	Melotte, Richard	X		Soils meet 3ft sep
12942	Bauman Ln	Merkley, R. C.	X		Soils meet 3ft sep
13256	Hwy 64	Mertz, John	X		Soils meet 3ft sep
13838	Bonita Ln	Messmer, Harold		X	< 3ft from GW, SW, ZSSS
13510	Hillside Dr	Midler, John	X		Soils meet 3ft sep
12540	W Shore Dr	Miller, Mark	X		Soils meet 3ft sep
13492	Hillside Dr	Mix, Vivian	X		Soils meet 3ft sep
13451	Waupee Rvr	Moede, Daniel	X		Soils meet 3ft sep
12246	Sunset Ln	Moore, Harvey	X		Holding Tank
12672	W Shore Dr	Moore, Richard	X		Soils meet 3ft sep
13528	Hillside Dr	Morgan, Joseph	X		Soils meet 3ft sep
12772	W Shore Dr	Mueller, Robert	X		Soils meet 3ft sep
12608	W Shore Dr	Muench, Elizabeth	X		Soils meet 3ft sep
12366	S Shore Dr	Murray, Joseph	X		Soils meet 3ft sep
13822	Bonita Ln	Musolf, Roy	X		Soils meet 3ft sep
14034	W Shore Dr	Nackers, LeRoy	X		Soils meet 3ft sep
12999	L Bgly Rpds	NernBerger, Lee		X	< 3ft from GW or ZSSS
13644	S Sh Hts Ln	Netols, Kenneth	X		Soils meet 3ft sep
12786	W Shore Dr	Nickel, Erwin	X		Holding Tank
13502	Hillside Dr	Nield, Thomas	X		Holding Tank
13427	Crescent Dr	Northam, James	X		New Conventional
12605	Berry Dr	Olson, John	X		Soils meet 3ft sep
13337	Crescent Dr	Olson, Judith		X	< 3ft from ZSSS
12617	Waupee Rvr	Owen, Sue	X		Soils meet 3ft sep
12581	W Sh Heights	Ozarowicz, Robert	X		Soils meet 3ft sep
12862	W Shore Dr	Paul, Dorothy	X		Soils meet 3ft sep
13290	Hillside Dr	Paulik, Gerald		X	< 3ft from ZSSS
13656	S Sh Hts Ln	Peacock, Robert	X		Soils meet 3ft sep
13420	Joppa Ln	Pekarske, Joseph	X		Holding Tank
12636	Waupee Rvr	Penney, Lee	X		New Conventional
13484	Chute Dam Ln	Peot, J. H.	X		Soils meet 3ft sep

13745	Lake Sh Ln	Perarske, Donald	X	Soils meet 3ft sep
12640	W Shore Dr	Pirlot, Larry	X	Soils meet 3ft sep
12651	E Shore Dr	Plamann, Melvin	X	Soiuls meet 3ft sep
12778	W Shore Dr	Pomprowitz, Ronald	X	To close to SW
12614	Berry Dr	Popp, Donald	X	Soils meet 3ft sep
13205	Hwy 64	Poradek, Bernard	X	Soils meet 3ft sep
12441	Hwy 32	Pritzl, Julius	X	< 3ft from BR
12538	W Shore Dr	Property Owners	X	No System
13842	Bonita Ln	Pungarcher, Douglas	X	Soils meet 3ft sep
13140	Hwy 64	Quandt, Orville	X	Soils meet 3ft sep
13165	Hwy 64	Radtke, Allan	X	Soils meet 3ft sep
12360	S Shore Dr	Radtke, Allen	X	Soils meet 3ft sep
13673	Lake Sh Ln	Radtke, Robert	X	Soils meet 3ft sep
13663	S Sh Hts Av	Radue, Melvin	X	Soils meet 3ft sep
13689	S Sh Hts Av	Reinhard, Norbert	X	Soils meet 3ft sep
12620	Waupee Rvr	Rekitzke, Harold	X	Soils meet 3ft sep
13655	S Sh Hts Ln	Rezachek, Charles	X	Soils meet 3ft sep
12910	Bauman Ln	Ritger, Raymond	X	Soils meet 3ft sep
13618	S Sh Hts Ln	Rheingans, Chester	X	Soils meet 3ft sep
13388	Woodland Ln	Robach, Scott	X	Soils meet 3ft sep
13657	S Sh Hts Av	Robedeaux, John	X	Soils meet 3ft sep
13685	S Sh hts Av	Roeser, Robert	X	Soils meet 3ft sep
12449	Hwy 32	Rogers, Patrick	X	Add Locks & Chains
12730	W Shore Dr	Rohatsch, Antoinette	X	Soils meet 3ft sep
13815	Bonita Ln	Rohloff, Carl	X	Soils meet 3ft sep
12352	W Shore Dr	Romenesko, Richard	X	New Conventional
12525	W Shore Dr	Ross, Carolyn	X	Soils meet 3ft sep
13123	Hwy 64	Rummel, Clifford	X	Soils meet 3ft sep
12950	Bauman Ln	Runge, Richard	X	Soils meet 3ft sep
12374	S Shore Dr	Sallis, Dorthy	X	Soils meet 3ft sep
12304	S Shore Dr	Schabel, David	X	Mound System
13632	S Sh Hts Ln	Schaefer, Gerald	X	Soils meet 3ft sep
13660	S Sh Hts Ln	Schenkoske, Richard	X	Soils meet 3ft sep
13614	S Sh Hts Ln	Schnetzer, James	X	Soils meet 3ft sep
13846	Bonita Ln	Schommer, Joseph	X	Soils meet 3ft sep
12551	Hwy 32 & 64	School, Katherine	X	Soils meet 3ft sep
12753	E Shore Dr	Schmidt; Alice	X	Soils meet 3ft sep
12510	W Shore Dr	Schmidt, Arthur	X	Soils meet 3ft sep
12514	W Shore Dr	Schmidt, Kenneth	X	Soils meet 3ft sep
12741	E Shore Dr	Schmidt, Ralph	X	Soils meet 3ft sep
13404	Hillside Dr	Schoepke, Duane	X	Soils meet 3ft sep
12240	Sunset Ln	Schuette, Mark	X	< 3ft from BR
12236	Sunset Ln	Schuette, Paul	X	Home made System
12237	Sunset Ln	Schuette, Paul	X	< 3ft from ZSSS
12348	S Shore Dr	Schuetpelz, Lee	X	Soils meet 3ft sep
12684	W Shore Dr	Schuh, Keith	X	Soils meet 3ft sep
12717	E Shore Dr	Schumacher, Alfred	X	Soils meet 3ft sep
12711	E Shore Dr	Schuster, Allan	X	Soils meet 3ft sep
13659	S Sh Hts Ln	Sell, Leroy	X	Homemade System
12215	Sunset Ln	Sherwood, Glen	X	Soils meet 3ft sep
12766	W Shore Dr	Simanson, Sharon	X	Soils meet 3ft sep
13331	Crescent Dr	Simen, Cathy	X	Holding Tank
12756	W Shore Dr	Smith, Carol	X	< 3ft from GW or ZSSS
12510	Knollwood Rd	Smith, Wilmer	X	Soils meet 3ft sep

13115	L Bgly Rpds	Spanbauer, William	X		Soils meet 3ft sep
12167	S Shore Dr	Staszak, Harry		X	< 3ft from ZSSS
13033	L Bgly Rpds	SteinBrenner, Russ		X	< 3ft from GW or ZSSS
13832	Bonita Ln	Stemper, Gordon	X		Soils meet 3ft sep
13789	Lake Sh Ln	Sterling Tool MFG	X		Soils meet 3ft sep
12494	Hwy 32 & 64	ST. Michael's Cong	X		Soils meet 3ft sep
13649	S Sh Hts Ln	Swanson, Carl	X		No System
12386	S Shore Dr	Swiechowski, Edward	X		Soils meet 3ft sep
12346	W Shore Dr	Swoboda, Nancy	X		New Mound
12852	W Shore Dr	Terry, Daniel	X		Soils meet 3ft sep
12559	Hwy 32 & 64	Thielke, Gerald	X		Holding Tanks
13751	Lake Sh Ln	Thompson, Gary	X		Soils meet 3ft sep
13755	Lake Sh Ln	Thompson, Gary	X		Soils meet 3ft sep
12380	W Shore Dr	Thompson, Philip	X		Soils meet 3ft sep
12380	S Shore Dr	Thompson, Philip	X		Soils meet 3ft sep
12587	E Shore Dr	Ullrich, Richard	X		Soils meet 3ft sep
12326	S Shore Dr	Ulman, Theodore		X	< 3ft from GW or ZSSS
13348	Hillside Dr	Vanbeek, Denis		X	< 3ft from BR
13356	Hillside Dr	Vanbeek, Denis		X	Privy and Plumbing
13360	hillside Dr	Vanbeek, Kathryn	X		Soils meet 3ft sep
12703	E Shore Dr	Vandehey, Robert	X		Soils meet 3ft sep
12233	Sunset Ln	VanDenBogart, William		X	< 3ft from BR
13633	S Sh Hts Ln	VandenBush, Ralph	X		Soils meet 3ft sep
12515	W Shore Dr	Vander Heyden, Andrew			Soils meet 3ft sep
12407	S Shore Dr	Vander Heyden, Peter	X		Soils meet 3ft sep
12824	W Shore Dr	Vanderloop, Char	X		Soils meet 3ft sep
12916	Bauman Ln	VanderVelden, Joyce	X		Soils meet 3ft sep
12320	W Shore Dr	VanevenHoven, Kieth	X		Holding Tanks
14033	W Shore Dr	Van Hout, Marlene	X		Soils meet 3ft sep
13609	S Sh Hts Ln	Vanlankvelt, Peter	X		Soils meet 3ft sep
13155	Hwy 64	Van Pay, Terrance	X		Soils meet 3ft sep
13049	L Bgly Rpds	Voight, Bonnie		X	< 3ft from BR
12369	S Shore Dr	Vollmar, James	X		New Conventional
12370	Bonita Ln	Vollmar, James	X		Soils meet 3ft sep
12566	Waupee Rvr	Vorpahl, Pearl	X		Soils meet 3ft sep
13652	S Sh Hts Ln	Voster, Vern	X		Soils meet 3ft sep
12735	E Shore Dr	Walters, Robert	X		Soils meet 3ft sep
12240	S Shore Dr	Wargin, Roger		X	Disconnect Plumbing
12493	W Shore Dr	Warmbrunn, Frank	X		Soils meet 3ft sep
12759	E Shore Dr	Wasmund, Clarence	X		Soils meet 3ft sep
13456	Balsam Ln	Wasmund, Micheal	X		Soils meet 3ft sep
12225	Sunset Ln	Watermolen, Richard	X		Soils meet 3ft sep
12387	S Shore Dr	Watt, Joseph	X		Soils meet 3ft sep
13671	S Sh Hts Av	Webb, Alice	X		Soils meet 3ft sep
13069	L Bgly Rpds	Weege, Lynford		X	< 3ft from BR
12695	E Shore Dr	Weidner, Daniel	X		Soils meet 3ft sep
12554	W Shore Dr	Weinhold, Lori	X		No System
12607	W Shore Dr	Weinhold, Otis	X		Soils meet 3ft sep
12534	W Shore Dr	Wendt, Maynard	X		Soils meet 3ft sep
12409	Poquette Ln	Westphal, Harriet		X	< 3ft from ZSSS
12573	Waupee Rvr	White, Barbara	X		Soils meet 3ft sep
12550	Hwy 32 & 64	White, Barbara	X		Soils meet 3ft sep
12431	Poquette Ln	Wichman, Donald		X	< 3ft from ZSSS
12401	Poquette Ln	Wichman, Evan	X		Soils meet 3ft sep

12980	Bauman Ln	Widowski, Anthony	X	New Conventional 1992
12602	W Shore Dr	Widowski, Ronald	X	Soils meet 3ft sep
14183	Kingston Rd	Wilson, Calvin	X	Soils meet 3ft sep
13762	Bonita Ln	Wilson, D.	X	Soils meet 3ft sep
12526	W Shore Dr	Wippert, George	X	Soils meet 3ft sep
13168	Hwy 64	Wirth, David	X	Soils meet 3ft sep
13206	Hwy 64	Wirth, Donald	X	Soils meet 3ft sep
13194	Hwy 64	Wirth, Gary	X	Soils meet 3ft sep
12492	W Shore Dr	Wisnewski, T.J.	X	Soils meet 3ft sep
12496	W Shore Dr	Wisniewski, Carl	X	Soils meet 3ft sep
12678	W Shore Dr	Witt, Laverne	X	Soils meet 3ft sep
13514	Hillside Dr	Wochinski, Antone	X	Holding Tank
13715	Lake Sh Ln	Wochinski, Daniel	X	Soils meet 3ft sep
12225	S Shore Dr	Woelz, Donald	X	Soils meet 3ft sep
12924	Bauman Ln	Wolf, Leo	X	Soils meet 3ft sep
13325	Crescent Dr	Woulf, Carol	X	Mound System
12880	W Shore Dr	Yakel, Jay	X	Soils meet 3ft sep
12727	E Shore Dr	Yuenger, Cynthia	X	Soils meet 3ft sep



SEE PAGE 20

Oconto County, Wis.
 13900 Private Lane

135/922 Rockford Map Plkts
 5 Shore Drive 13104

COMMUNITY OF LITTLE SUAMICO - SOIL INSPECTIONS

60 Sites inspected as of October 21, 1993

36 Systems fail due to High Ground Water, Zones of Seasonally Saturated Soil, and Direct Discharge to Wetlands and the Surface of the Ground.

24 Systems pass due to:

7 are existing Holding Tanks

10 are existing Mounds

3 are New Conventional

4 are existing conventional systems which meet the soil requirements.

60 % of the systems are failing

40 % of the systems are passing, including systems which have already been brought up to code.

Percent failure and passing with the systems up to code, HTS, Mounds, and New Conventional, removed.

90 % of the systems are failing

10 % of the existing conventional systems are passing

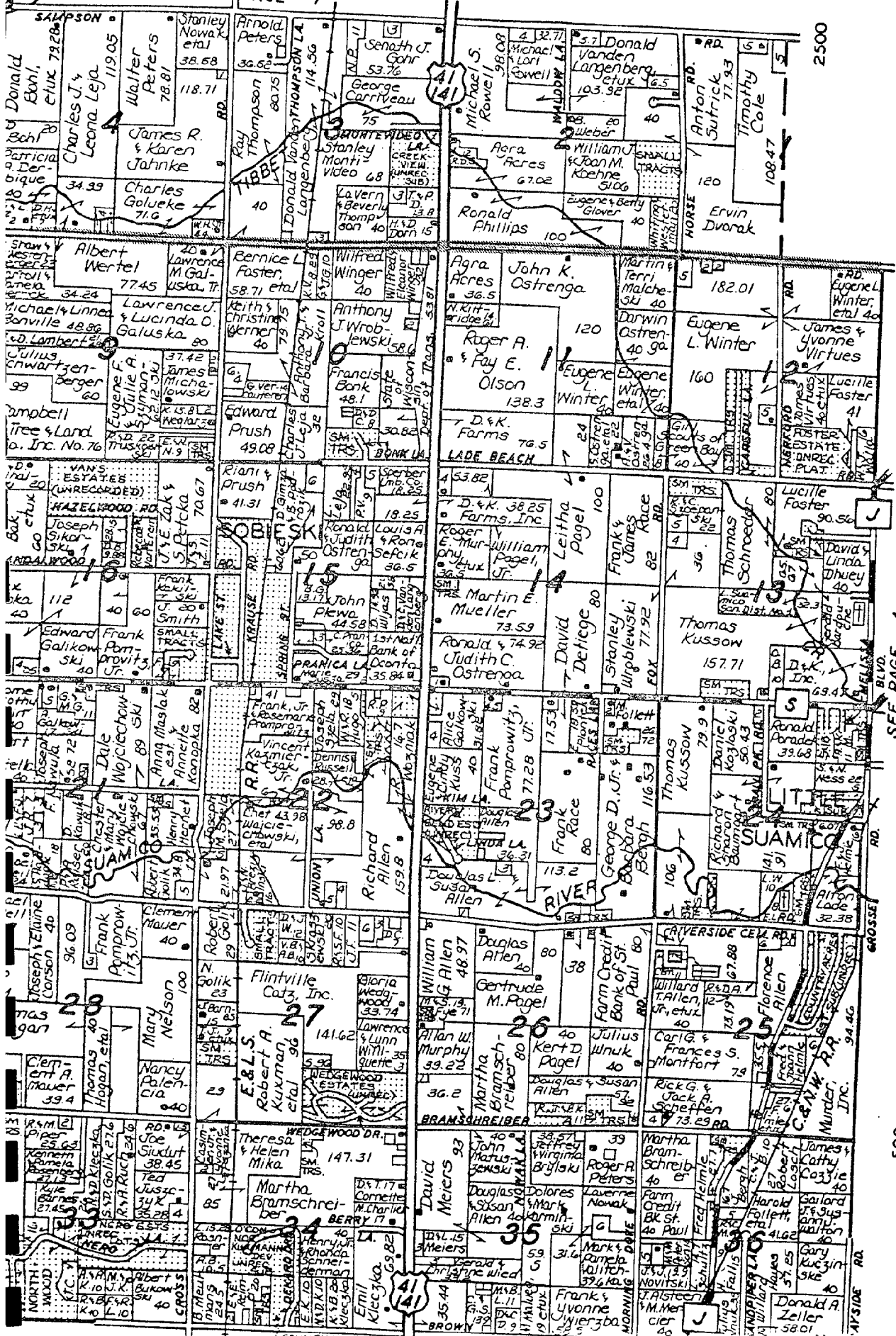
COMMUNITY OF LITTLE SUAMICO
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Pass</u>	<u>Fail</u>	<u>Reasons</u>
5337 Allen Road	Alberts, Gary		X	Discharge to SG
5412 Allen Road	Allen, Clifford		X	Discharge to SG
5021 Allen Road	Allen, Debra	X		New Mound
5587 Allen Road	Allen, Douglas		X	< 3ft from ZSSS, SG
5423 Allen Road	Allen, Violet		X	< 3ft from ZSSS
5673 Allen Road	Allen, William		X	Direct Discharge SG
5151 Allen Road	Baribeau, Kenneth		X	< 3ft from ZSSS
5496 Bram. Road	Belanger, Michael		X	Discharge to SG
5188 Allen Road	Bergh, Colin	X		Soils meet 3ft sep
5318 Allen Road	Bergh, George	X		New Mound
5524 Bram. Road	Bramschreiber, Martha		X	< 3ft from ZSSS, SG
5387 Birch Creek	Charapata, James		X	< 3ft from ZSSS
5338 Allen Road	Cole, Jane		X	< 3ft from ZSSS
5388 Birch Creek	Coopman, James		X	< 3ft from ZSSS
5348 Allen Road	Debauch, Roger		X	< 3ft from ZSSS
5408 County S	Detiege, David	X		New Conventional
5169 Bram. Road	Falk, Patrick	X		Holding Tank
5391 County S	Follett, Harold		X	< 3ft from ZSSS
5409 County S	Follett, Harold	X		Soils meet 3ft sep
5659 County S	Galkowski, Alice		X	< 3ft from ZSSS
5488 Bram. Road	Hall, Janice		X	< 3ft from ZSSS, SG
5352 Bram. Road	Helmle, Amy		X	< 3ft from ZSSS
5400 Allen Road	Hoglund, Meta		X	< 3ft from ZSSS, SG
5004 Allen Road	Johnson, Robert	X		New Mound
5420 Bram. Road	King, Robert		X	< 3ft from ZSSS
5390 County S	Klarkowski, Norbert	X		Soils meet 3ft sep
5210 County S	Komorowski, Bill		X	< 3ft from ZSSS
5153 County S	Kozloski, Daniel	X		New Mound
5226 Allen Road	Krumerauer, Enid	X		Holding Tank
5108 County S	Kussow, Ben		X	< 3ft from ZSSS
5239 County S	Kussow, Thomas		X	< 3ft from ZSSS, SG
5220 County S	Kwiatkowski, John		X	< 3ft from ZSSS
5200 County S	Kwiatkowski, John		X	< 3ft from ZSSS
5365 Bram. Road	Leanna, Daniel	X		New Conventional
5372 Bram. Road	Leclair, David		X	< 3ft from ZSSS
5026 Allen Road	Lefeber, Eugene	X		Holding Tanks
5374 Allen Road	Lindsley, Kari	X		New Mound
5274 Bram. Road	Losch, Robert		X	< 3ft from ZSSS
5350 Birch Creek	Marchand, Rodney	X		New Mound
5519 Bram. Road	Matuszewski, John		X	< 3ft from ZSSS, SG
5340 Bram. Road	Noack, Milo	X		Holding Tank
5375 Allen Road	Peters, Muriel		X	< 3ft from ZSSS, SG
5409 Bram. Road	Peters, Roger		X	< 3ft from ZSSS
5419 County S	Piontek, Ervin		X	< 3ft from ZSSS
5193 Race Lane	Race, Frank	X		Soils meet 3ft sep
5320 Allen Road	Robertson, Roy	X		New Mound
5460 Bram. Road	Rosek, Roger		X	< 3ft from ZSSS
5474 Bram. Road	Rosek, Roger		X	< 3ft from ZSSS

5168	Allen Road	Schaden, Richard	X	< 3ft from ZSSS
5487	County S	Shella, Cecilia	X	< 3ft from ZSSS
5388	Bram. Road	Travis, William	X	Holding Tanks
5606	Allen Road	Urbaniak, Robert	X	< 3ft from ZSSS
5362	Bram. Road	Van Lanen, Florence	X	Holding Tank
5579	County S	Van Lanen, Jeff	X	New Mound
5691	Allen Road	Winter, Eugene	X	Discharge to SG
5262	Allen Road	Wolfgram, Donald	X	New Mound
5374	County S	Wroldewski, Stanley	X	< 3ft from ZSSS

PART ADKAMS I. 201V. - R. 20E.

SEE PAGE 7



2100

1700

SEE PAGE 4

1300

900

500

41

41

Map contains numerous owner names and acreage values, including: Stanley Nowak et al (38.58), Arnold Peters (36.52), George Carriveau (53.76), Michael S. Rowell (98.08), Donald Vanderlangen et al (103.32), James R. & Karen Jahnke (78.81), Charles Galuke (71.6), Bernice L. Foster (58.71), John K. Ostrenga (120), Roger A. & Fay E. Olson (138.3), Eugene L. Winter (160), Eugene L. Winter et al (40), James & Yvonne Virtues (40), Lucille Foster (41), David DeRiège (80), Stanley Wigblewski (82), Thomas Kussow (157.71), Frank Race (80), George D. Jr. & Barbara Beigh (116.53), Thomas Kussow (79.9), Douglas Allen (80), Gertrude M. Pagel (38), Farm Credit Bank of St. Paul (80), Allan W. Murphy (39.22), Martha Branschreiber (80), Carl G. & Frances S. Montfort (79), Rick G. & Jack A. Scheffler (73.29), David Meiers (93), John & Mary Semska (39), Douglas & Susan Allen (57), Mark & Pamela Walling (37.6), Frank & Yvonne Wierzbowski (52.3), Donald A. Zeller (58.01).

MOODY LAKE COMMUNITY
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Pass</u>	<u>Fail</u>	<u>Reasons</u>
11754	Moody Lk Dr Arndt, Kenneth	X		Soils meet 3ft sep
11741	Moody Lk Dr Arndt, Mark	X		Soils meet 3ft sep
11901	Moody Lk Dr Bandy, Leon	X		Soils meet 3ft sep
11743	Moody Lk Dr Bauer, Charles	X		Soils meet 3ft sep
11838	Moody Lk Dr Behnke, Helen	X		Soils meet 3ft sep
13192	Campfire Ln Carpenter, Eugene		X	Plumbing & Privy
11770	Moody Lk Dr Carroll, Richard	X		Soils meet 3ft sep
11841	Moody Lk Dr Conway, Daniel	X		Soils meet 3ft sep
11759	Moody Lk Dr Demerath, Jerome	X		Soils meet 3ft sep
11827	Moody Lk Dr Dey, Ronald	X		Soils meet 3ft sep
13150	Moody Lk Rd Eckert, Priscilla	X		Soils meet 3ft sep
13241	Campfire Ln Ern, Milton	X		Soils meet 3ft sep
13151	Campfire Ln Ernst, Richard	X		Soils meet 3ft sep
13110	Moody Lk Rd Feranchex, Gerald	X		Soils meet 3ft sep
11809	Moody Lk Dr Frank, Robert	X		Soils meet 3ft sep
13154	Moody Lk Rd George, Joseph	X		Soils meet 3ft sep
11740	Moody Lk Dr Hatfield, Arthur	X		Soils meet 3ft sep
11821	Moody Lk Dr Heckenlaible, D.	X		Soils meet 3ft sep
13209	Campfire Ln Herald, Patrick	X		Soils meet 3ft sep
13152	Campfire Ln Heritage, Donald	X		Soils meet 3ft sep
11739	Moody Lk Dr Herman, Robert	X		Soils meet 3ft sep
13184	Campfire Ln Hooser, Mary	X		Soils meet 3ft sep
13167	Campfire Ln Keschull, Gary	X		Soils meet 3ft sep
13193	Campfire Ln Kessler, Joseph	X		Soils meet 3ft sep
11900	Moody Lk Dr Kramer, James	X		Soils meet 3ft sep
13120	Moody Lk Rd Kress, Florence	X		Soils meet 3ft sep
11765	Moody Lk Rd Loberger, Richard	X		Soils meet 3ft sep
11756	Moody Lk Dr Lyons, Robert	X		Soils meet 3ft sep
11720	Moody Lk Vw Moser, Michael	X		Soils meet 3ft sep
13270	Campfire Ln Okrasinki, James	X		Soils meet 3ft sep
11851	Moody Lk Dr Pennings, Leon	X		Soils meet 3ft sep
13157	Campfire Ln Pfankuch, James	X		Soils meet 3ft sep
11836	Moody Lk Dr Platz, Walter	X		Soils meet 3ft sep
11826	Moody Lk Dr Quandt, Mark	X		Soils meet 3ft sep
11837	Moody Lk Dr Santkujl, Peter	X		Soils meet 3ft sep
13281	Campfire Ln Schmatzhagen, Carol	X		Soils meet 3ft sep
11739	Moody Lk Vw Schneider, Michael	X		Soils meet 3ft sep
11835	Moody Lk Dr Schott, Larry		X	< 3ft from BR
13200	Campfire Ln Seamars, Kent		X	Ground Surface
13291	Campfire Ln Seroogy, Darcy	X		Soils meet 3ft sep
11745	Moody Lk Dr Smrz, Jerold	X		Soils meet 3ft sep
11767	Moody Lk Dr Splitt, Betty	X		Soils meet 3ft sep
11861	Moody Lk Dr Stabbe, Gregory		X	Illegal system
13221	Campfire Ln Stillman, Edwin		X	< 3ft from ZSSS
13211	Campfire Ln Stillman, Edwin	X		Soils meet 3ft sep
13198	Campfire Ln Suring, Lee	X		Soils meet 3ft sep
13294	Campfire Ln Valley, Robert		X	Plumbing & Privy
11831	Moody Lk Dr Volpintesta, Albert	X		Soils meet 3ft sep
13162	Campfire Ln Yakel, Kenneth	X		Soils meet 3ft sep

MOODY LAKE - SOIL INSPECTIONS

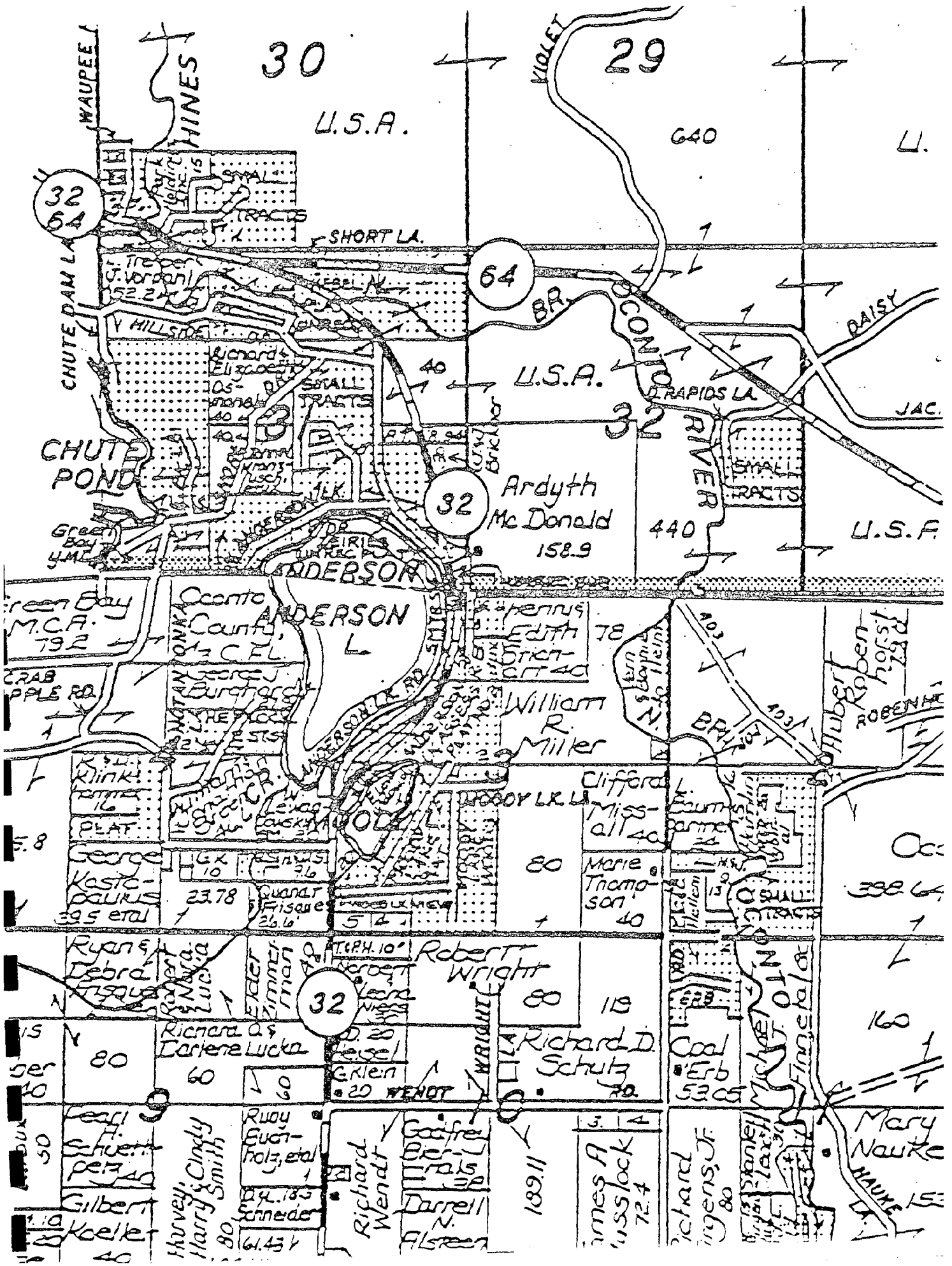
49 Sites inspected as of October 15, 1993

6 systems fail due to High Ground Water, Zones of Seasonally Saturated Soil, Illegal Systems, And Direct Discharge to Ground Surface.

43 systems are existing systems which meet the soil requirements

12 % of the systems are failing

88 % of the existing conventional systems are passing



30

29

U.S.A.

640

U.

32
64

64

32

Ardyth
McDonald
158.9

440

U.S.F.

ANDERSON
L.

William
R.
Miller

Miss
all 40

Marie
Thomp-
son
40

Robert
Wright
80

Richard D.
Schutz
70

32

Richard &
Larlene Lucka
60

Harvey & Cindy
Harry Smith
80

Richard
Wendt

Darrell
N.
Algreen

James A.
Wasslock
72.4

Richard
Ingens J.F.
80

Stanley
Haxel
80

Mary
Nauke
150

CHUTE DAM LA.

HINES

VIOLET

SHORT LA.

BR.

WISCONSIN
RIVER

RAISY

RAPIDS LA.

JAC.

CHUTE
POND

STALL
TRACTS

STALL
TRACTS

Green Bay
M.C.F.
79.2

Oconto
County,
C.F.L.

CRAB
APPLE RD.

W. Moore
Burton

Rink
16

W. Moore
Burton

PEAT

W. Moore
Burton

George
Kostic-
PAULUS
39.5 et al

W. Moore
Burton

Ryan
Debra

W. Moore
Burton

80

W. Moore
Burton

Leah
Schwert
per 40

W. Moore
Burton

Gilbert
Koelle
40

W. Moore
Burton

50

W. Moore
Burton

ANDERSON
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ANDERSON LAKE - SOIL INSPECTIONS

145 Sites inspected as of November 12, 1993

36 Systems fail due to High Ground Water, Zones of Seasonally Saturated Soil, Plumbing & Privys, or Illegal Systems.

109 Systems Pass due to:

29 are existing Holding Tanks

11 are New Conventional

3 are Houses without systems

1 is an existing Mound

25% of the systems are failing

75% of the systems are passing, including systems which have already been brought up to code.

Percent failure and passing with the systems up to code, HTS, Mounds, and New Conventional, removed.

36% of the systems are failing

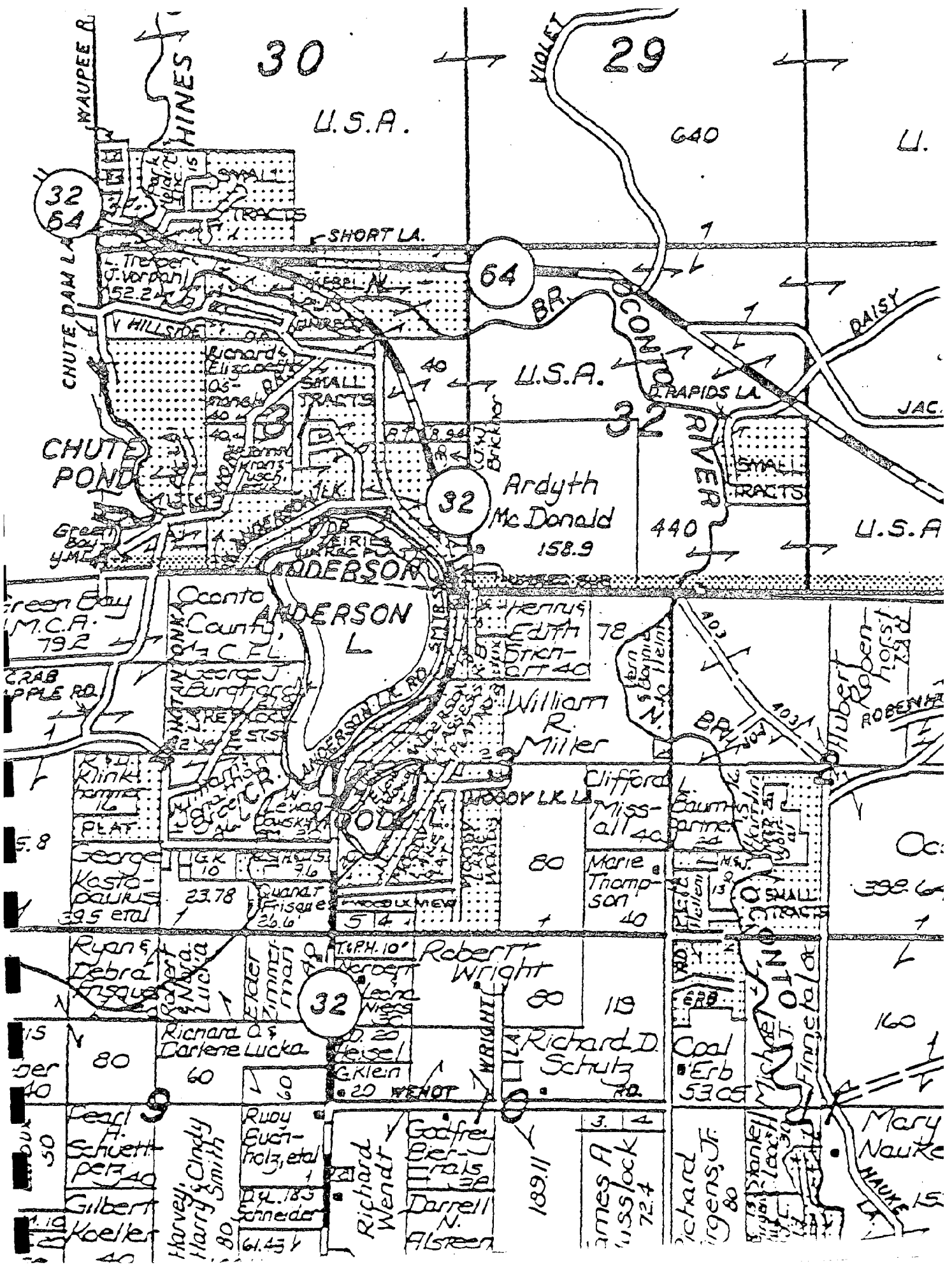
64% of the existing conventional systems are passing

ANDERSON LAKE COMMUNITY
ON-SITE INSPECTION REPORT

<u>Physical Address</u>	<u>Owner</u>	<u>Pass</u>	<u>Fail</u>	<u>Reasons</u>
13280 N And Lk Ln	Anthony, Harold		X	Plumbing & Privy
13631 Tonka Lane	Arndt, Carl	X		Soils meet 3ft sep
13237 N And Lk Ln	Arnold, Florence		X	< 3ft from ZSSS
12192 Leo's Rd	Basten, Gordon	X		Soils meet 3ft sep
12226 Leo's Rd	Baumgartner, Louis	X		Soils meet 3ft sep
13287 N And Lk Ln	Baumhart, Robert	X		Holding Tank
11891 E And Lk Rd	Bayorgeon, Dennis	X		Holding Tank
12295 Ziereis Ln	Berendsen, John	X		Soils meet 3ft sep
11962 Hwy 32	Bialcik, Donald	X		Soils meet 3ft sep
12269 Leo's Rd	Bishop, Robert	X		Soils meet 3ft sep
13293 N And Lk Ln	Bockman, Leon	X		Holding Tank
13295 N And Lk Ln	Bockman, Leon	X		Holding Tank
12275 Ziereis Ln	Boegh, Randy	X		Soils meet 3ft sep
13283 N And Lk Ln	Bohrer, Alfred	X		Soils meet 3ft sep
13247 N And Lk Ln	Brantmeier, Michael	X		Soils meet 3ft sep
13238 N And Lk Ln	Braun, Harlan		X	< 3ft from ZSSS
13306 N And Lk Ln	Brockman, Leon	X		Holding Tank
13633 Tonka Lane	Burghardt, George	X		Soils meet 3ft sep
12042 LakeSide Dr	Buss, Robert	X		Soils meet 3ft sep
12245 Ziereis Ln	Camey, Mabel	X		Soils meet 3ft sep
12232 Leo's Rd	Capaletti, Michael		X	Illegal System
12205 Leo's Rd	Capaletti, Timothy	X		Soils meet 3ft sep
13256 S Shore Dr	Capaletti, Timothy	X		No system
12069 LakeSide Dr	Chaloupka, William	X		Soils meet 3ft sep
11871 E And Lk Rd	Cramer, Gary	X		New Conventional
12041 LakeSide Dr	Christensen, Russell	X		Soils meet 3ft sep
12238 Leo's Road	Coel, Milton	X		Soils meet 3ft sep
13246 S Shore Dr	Colbert, Peter	X		Soils meet 3ft sep
13253 S Shore Dr	Cowling, Grover	X		Soils meet 3ft sep
13343 N And Lk Ln	Dejardin, Louis		X	< 3ft from ZSSS
13273 N And Lk Ln	DeValk, Robert		X	Setbacks, Grey Water
13319 N And Lk Ln	Driedric, Andrew		X	< 3ft from ZSSS
12107 LakeSide Dr	Ellefson, David	X		Soils meet 3ft sep
12261 Leo's Rd	Etheridge, Myrna	X		Soils meet 3ft sep
12119 LakeSide Dr	Federmeyer, Lee	X		New In-Ground Pres
13217 N And Lk Ln	Firgens, Colleen	X		New Conventional
13385 N And Lk Ln	Firgens, Hilbert	X		Holding Tank
12212 Leo's Rd	Frederickson, Ken	X		Holding Tank
11923 E And Lk Rd	Frederickson, Vernon	X		Holding Tank
13347 N And Lk Ln	Freweard, Daniel	X		Mound System
11927 And Lk Ln	Fulcer, Warren	X		Holding Tank
11919 E And Lk Rd	Gossen, Jerry	X		Holding Tank
13267 N And Lk Ln	Graser, Mary	X		New Conventional
11943 E And Lk Rd	Gulczynski, Theodore	X		Holding Tank
12148 Hwy 32	Haave, Ethel	X		Soils meet 3ft sep
12249 Ziereis Ln	Hackbarth, William	X		New Conventional
11981 Hwy 32	Hackbarth, William	X		Soils meet 3ft sep
13257 N And Lk Ln	Hansen, George	X		Soils meet 3ft sep

12210	Ziereis Ln	Harris, Glenn		X	< 3ft from ZSSS
12176	Leo's Rd	Hayes, Clarence		X	Illegal System, SG
13225	N And Lk Ln	Heimerl, John	X		New Conventional
12270	Zeiries Ln	Hensberger, Alan	X		Soils meet 3ft sep
12115	LakeSide Dr	Hintz, Edward	X		Soils meet 3ft sep
13233	N And Lk Ln	Hoban, William		X	Illegal System
13231	N And Lk Ln	Hochrein, John	X		Soils meet 3ft sep
13357	N And Lk Ln	Homel, Joseph		X	< 3ft from ZSSS
12238	Ziereis Ln	Hort, Terry	X		Soils meet 3ft sep
12053	LakeSide Dr	Huebscher, Harold	X		Soils meet 3ft sep
12184	Leo's Rd	Jaeger, Edgar	X		Holding Tank
13240	S Shore Dr	Jaeger, Gregory	X		Soils meet 3ft sep
12244	Leo's Rd	Jensen, Nels	X		New Conventional
13294	N And Lk Ln	Johnson, Jeanne	X		Holding Tank
12093	LakeSide Dr	Johnson, Jeanne	X		Soils meet 3ft sep
12206	Leo's Rd	Joosten, Thomas		X	Illegal System, ZSSS
13348	N And Lk Ln	Kammerman, Thomas	X		New Conventional
12268	Ziereis Ln	Karwedsky, Ellen		X	Plumbing & Privy
13311	N And Lk Ln	Kimball, Christopher		X	< 3ft from ZSSS
12309	Ziereis Ln	Kohel, Gary	X		Soils meet 3ft sep
12202	Leo's Rd	Krings, Alan		X	< 3ft from ZSSS
11942	Hwy 32	Kroeing, Lenerth	X		Soils meet 3ft sep
13277	N And Lk Ln	Kroll, Thomas		X	< 3ft from ZSSS
11983	Hwy 32	Kuehl, Kenneth		X	< 3ft from ZSSS
11997	Hwy 32	Kuehl, Kenneth	X		Holding Tanks
12096	LakeSide Dr	Kusters, Robert	X		Soils meet 3ft sep
13315	N And Lk Ln	Kwiatkowski, Daniel		X	< 3ft from ZSSS
13314	N And Lk Ln	Kwiatkowski, Daniel		X	Disconnect Plumbing
13303	N And Lk Ln	Landua, Guy	X		Holding Tank
11915	E And Lk Rd	Lemery, Gary	X		Holding Tank
11853	E And Lk Rd	Lewandowski, Walter		X	< 3ft from ZSSS
11861	E And Lk Rd	Lewandowski, Walter	X		No System
12258	Leo's Rd	Lind, John	X		Soils meet 3ft sep
11883	E And Lk Rd	Lisiak, Robert		X	< 3ft from GW & ZSSS
13299	N And Lk Ln	Liss Family Trust	X		Holding Tank
11935	E And Lk Rd	Lucka, Richard		X	< 3ft from GW & ZSSS
11959	E And Lk Rd	Maves, Weldon	X		Holding Tank
12136	LakeSide Dr	McDonald, Ardyth	X		Soils meet 3ft sep
12075	LakeSide Dr	McGregor, Marvin	X		Soils meet 3ft sep
12308	Ziereis Ln	Meverden, Jerome	X		Vacant Lot
12258	Ziereis Ln	Mier, Delmar	X		Soils meet 3ft sep
12276	Ziereis Ln	Mleziva, Wencil	X		Soils meet 3ft sep
13648	Tonka Lane	Mott, Gleen	X		New Conventional
12267	Ziereis Ln	Muniz, Andrea	X		Soils meet 3ft sep
11877	E And Lk Rd	Neary, Donald	X		Holding Tank
12296	Ziereis Ln	Neuser, Donald	X		Soils meet 3ft sep
12084	Hwy 32	Olle, Donald	X		Soils meet 3ft sep
12252	Ziereis Ln	Persson, Robert	X		Soils meet 3ft sep
12266	Ziereis Ln	Peters, Robert		X	Plumbing & Privy
11897	E And Lk Rd	Peterson, Marie		X	< 3ft from GW & ZSSS
13270	S Shore Dr	Peterson, Robert		X	< 3ft from ZSSS & GW
12213	Leo's Rd	Peterson, Roy	X		Holding Tank
12241	Ziereis Ln	Pfankuch, Michael	X		Soils meet 3ft sep
13278	N And Lk Ln	Phillips, Richard		X	< 3ft from ZSSS

13644	Tonka Lane	Polster, Eugene	X		Soils meet 3ft sep
13641	Tonka Lane	Raab, Edward	X		Soils meet 3ft sep
11911	E And Lk Rd	Radue, Harold		X	< 3ft from GW & ZSSS
13284	N And Lk Ln	Rasmussen, Roger		X	Plumbing And Privy
12269	Ziereis Ln	Roe, Richard	X		Soils meet 3ft sep
11865	E And Lk Rd	Rollins, Richard		X	< 3ft from ZSSS
11947	E And Lk Rd	Rudzinski, Carolyn		X	< 3ft from GW & ZSSS
12262	Ziereis Ln	Sabrowsky, David	X		Soils meet 3ft sep
12101	LakeSide Dr	Schmuhl, Russell	X		Soils meet 3ft sep
13247	S Shore Dr	Schreiner, Paul	X		Soils meet 3ft sep
13215	N And Lk Ln	Schuettpelz, Stephen	X		New Conventional
12236	Ziereis Ln	Schulz, Arvid	X		Soils meet 3ft sep
12237	Ziereis Ln	Schulz, R.L.	X		Soils meet 3ft sep
12234	Ziereis Ln	Schulz, Arvid	X		Soils meet 3ft sep
13252	S Shore Dr	Siems, Kent	X		soils meet 3ft sep
13260	S Shore Dr	Sonnenberg, Don	X		No system
13264	S Shore Dr	Sonnenberg, Don		X	Privy & Plumbing
13243	N And Lk Ln	Spreeman, Leonard	X		Holding Tank
13307	N And Lk Ln	Spreeman, Eugene	X		Holding Tank
12277	Leo's Rd	Steen, Gary		X	< 3ft from ZSSS
11969	E And Lk Rd	Stefanec, Ronald	X		Soils meet 3ft sep
12211	Ziereis Ln	Thede, Claude	X		Soils meet 3ft sep
12047	LakeSide Dr	Thermansen, Mas		X	Plumbing & Privy
12278	Leo's Rd	Timm, Albert	X		Soils meet 3ft sep
12266	Leo's Rd	Timm, Cindy	X		Soils meet 3ft sep
11975	And Lk Ln	Thompson, Allan	X		Holding Tank
11905	E And Lk Rd	Thompson, Robert	X		Holding Tank
11951	E And Lk Rd	Trick, Gilbert	X		Holding Tank
11939	E And Lk Rd	Trost, Leonard		X	< 3ft from ZSSS
13339	N And Lk Ln	Uhlenbrauck, Keith	X		Holding Tank
13377	N And Lk Ln	Uhlenbrauck, Larry		X	< 3ft from ZSSS
12290	Ziereis Ln	VanBeek, Arnold	X		Soils meet 3ft sep
12303	Ziereis Ln	Van Bellinger, Ray	X		Soils meet 3ft sep
11901	E And Lk Rd	Van Rens, Gerald	X		Holding Tank
13244	N And Lk Ln	Werner, David	X		Soils meet 3ft sep
12267	Ziereis Ln	Whipp, Leonard	X		Soils meet 3ft sep
12304	Ziereis Ln	Whipp, Leonard	X		New Conventional
12262	Ziereis Ln	Wickman, Lyle	X		Soils meet 3ft sep
11963	E And Lk RD	Witthuhn, Diana	X		Holding Tank
11931	E And Lk Rd	Woelfel, George	X		Holding Tank
12242	Ziereis Ln	Zahn, Michael	X		Soils meet 3ft sep
12265	Ziereis Ln	Zernicke, Harvey	X		Soils meet 3ft sep
12198	Leo's Rd	Ziereis, Sharon		X	< 3ft from ZSSS



30

29

U.S.A.

640

U.

32
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64

32

Ardyth
McDonald
158.9

440

U.S.A

Green Bay
M.C.A.
79.2

Oconto
County,
WIS.
C. FL.

Edith 78
WILLIAM
R. MILLER

William
R. Miller

Clifford
Miss
all 40

Marie
Thomp-
son
40

George
Kasto-
DANUS
23.78
395 etal

QUANT
FRISQUE
26.6

WOODLUX MEW
5.4

Ryan
Debra
15.8

Richard D.
Darlene Lucka
60

Robert
Wright
80

Richard D.
Schutz
160

Pearl
Schuett
per
40

Ruby
Euch-
holz, etal
1

Richard
Wendt

James A.
Wusslock
72.4

Richard
Wigens Jr
80

Mary
Nauke

Gilbert
Koeller
40

Harvey & Cindy
Harry Smith
80

Richard
Wendt
189.11

Darrell
N.
Alsteen

Richard
Wigens Jr
80

Mary
Nauke

WAUPEE R.

HINES

VIOLET

SHORT LA.

BR.

CONCOMING RIVER

RAISY

RAPIDS LA.

CHUTE
POND

ANDERSON L.

SMALL
TRACTS

JAC.

GRAB
APPLE RD.

WISCONSIN

BR.

BR.

ROBERT
ROBERT

5.8

PLAT

15

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189.11

398.6

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