



# Compliance Inspection Form for Existing Individual Sewage Treatment Systems

**Minnesota Pollution Control Agency**

*Completion of this form fulfills the minimal requirements of Minn. Stat. § 115.55 (1999) and Minnesota R. ch. 7080 (1999). Please refer to local ordinances for other requirements or other required information.*

**General:**

<b>Date of Inspection:</b> 06-25-08	<b>Reason for inspection:</b> Transfer of property
<b>Property Owner(s)</b> Wayne Bohn	<b>Telephone</b>
<b>Person requesting inspection</b> Wayne Bohn	<b>Telephone</b>
<b>Site Address</b> 18116 Naples St. Nw.	<b>City</b> elk river Mn. <b>Zip Code</b> 55330
<b>Fire No./ Parcel No.</b> 29-0-013004	<b>Township Name</b> Shamrock Twp.
<b>Legal Description</b>	
<b>Regulatory Authority</b> Aitkin Co. planning & zoning	

**System Classification**

Systems built <b>prior</b> to April 1, 1996 <b>and not</b> located in Shoreland <b>or</b> Wellhead Protection Area <b>or</b> Serving a Food, Beverage or Lodging Establishment	Systems located in Shoreland <b>or</b> Wellhead Protection Areas <b>or</b> Serving a Food, Beverage or Lodging Establishment, <b>or</b> systems Built <b>after</b> March 31, 1996
<p><b><u>Is the system an imminent threat to public health or safety?</u></b> <i>(a yes answer is an ITPHS system)</i></p> <ul style="list-style-type: none"> <li>- Discharge of sewage to the ground surface?      YES NO</li> <li>- Discharge of sewage to drain tile or surface waters?      YES NO</li> <li>- Sewage backup into dwelling?      YES NO</li> <li>- Situation with the potential to immediately and adversely impact or threaten public health or safety?      YES NO</li> </ul> <p><b><u>Is the system failing?</u></b> <i>(a yes answer is a failing system)</i></p> <ul style="list-style-type: none"> <li>- Less than <b>TWO</b> feet of vertical separation between system bottom and saturated soil or bedrock?      YES NO</li> <li>- A seepage pit, cesspool, drywell, or leaching pit?      YES NO</li> </ul> <p><b><u>Is the system non-compliant?</u></b></p> <ul style="list-style-type: none"> <li>- Is the system regulated under a monitoring plan or operating permit? <i>(if no, go to page 2)</i>      YES NO</li> <li style="padding-left: 20px;"><i>If yes,</i></li> <li>- Has the required monitoring taken place?      YES NO <i>(if no, the system is non-complying)</i></li> <li>- The monitoring indicate that the system meets performance expectations?      YES NO <i>(if no, the system is non-complying)</i></li> </ul>	<p><b><u>Is the system an imminent threat to public health or safety?</u></b> <i>(a yes answer is an ITPHS system)</i></p> <ul style="list-style-type: none"> <li>- Discharge of sewage to the ground surface?      YES <input checked="" type="radio"/> NO</li> <li>- Discharge of sewage to drain tile or surface waters?      YES <input checked="" type="radio"/> NO</li> <li>- Sewage backup into dwelling?      YES <input checked="" type="radio"/> NO</li> <li>- Situation with the potential to immediately and adversely impact or threaten public health or safety?      YES <input checked="" type="radio"/> NO</li> </ul> <p><b><u>Is the system failing?</u></b> <i>(a yes answer is a failing system)</i></p> <ul style="list-style-type: none"> <li>- Less than <b>THREE</b> feet of vertical separation between system bottom and saturated soil or bedrock?      YES <input checked="" type="radio"/> NO</li> <li>- A seepage pit, cesspool, drywell, or leaching pit?      YES <input checked="" type="radio"/> NO</li> </ul> <p><b><u>Is the system non-compliant?</u></b></p> <ul style="list-style-type: none"> <li>- Is the system regulated under a monitoring plan or operating permit? <i>(if no, go to page 2)</i>      <input checked="" type="radio"/> YES NO</li> <li style="padding-left: 20px;"><i>If yes,</i></li> <li>- Has the required monitoring taken place?      <input checked="" type="radio"/> YES NO <i>(if no, the system is non-complying)</i></li> <li>- The monitoring indicate that the system meets performance expectations?      <input checked="" type="radio"/> YES NO <i>(if no, the system is non-complying)</i></li> </ul>

**System Components** (Please describe the system components):

This system has a 1860 combo with a time dose, and 1860 gal. holding tank. The time dose pumps less than 300 gpd. into the pressure bed.

What methods were used to make the determinations for the compliance inspection? (Note: No standard protocol exists. The following list is not exhaustive, not in sequential order nor indicates which combinations are necessary to make a determination)

**Watertight tank(s)**

- Probed tank bottom
- Observed low liquid level
- Examined const. records
- Examined empty (pumped) tank
- Probed outside tank for black soils
- Pressure/vacuum check
- Other \_\_\_\_\_

**Hydraulic Functioning**

- Searched for surface outlet
- Performed hydraulic test
- Searched for seeping in yard
- Checked for back-up in home
- Excessive ponding in soil system
- Homeowner testimony
- Examined for surging in tank
- "Black soil" above soil system
- Other \_\_\_\_\_

**Separation Distance**

- Conducted soil borings
  - Depth to redox greater than 5'
  - Depth to system bottom 24"
- Examined records
- County Verification Records
- Other \_\_\_\_\_

**STATUS OF THE SYSTEM**

Based on the compliance criteria above the system status is (check one)  in compliance (functioning)  failing (to protect groundwater)  an imminent threat to public health or safety (ITPHS),  non-compliant (monitoring issue).  compliant (non of the 3 previous conditions). or  insufficient information to make determination.

Therefore, this document is a  Certificate of Compliance  Notice of Noncompliance  Unknown compliance

**SUGGESTED ATTACHMENTS:**

- 1) Site sketch. Suggested items for sketch include: well, well setback to system, dwelling or other buildings, tank(s), soil treatment system, reserved soil treatment area, property lines, surface water and soil boring locations.
- 2) Soil boring logs, showing each horizon. Indicate the texture, color, redoximorphic features depth to bedrock, standing water and whether the material is fill.
- 3) A list of any and all requirements of the local ordinance that are different from the state requirements referred to on this form.
- 4) A homeowner survey, signed by the homeowner as being factual.
- 5) Monitoring data as appropriate.

**CERTIFICATION**

I hereby certify as a state of Minnesota licensed Inspector and/or Designer I or Qualified Employee Inspector and/or Qualified Employee Designer I that I conducted an investigation that accurately determined the compliance status of this system and that my recorded observations are accurate as of this date. No determination of future hydraulic performance has been nor can be made due to unknown conditions during system construction, abuse of the system, inadequate maintenance, or future water usage.

Inspector's name (print) Jarold R. Farley Phone 218-839-4737  
 License and/or Registration Number L-1914 Address P.O. Box 472  
 Employed by \_\_\_\_\_ Address \_\_\_\_\_  
 Signature [Signature] Date June 25 08

**Upgrade Requirements** (derived from Minnesota Statutes § 115.55)

An ITPHS must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system fails to provide sufficient groundwater protection, then the system must be upgraded, replaced, or its use discontinued within the time required by rule or the local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This does not apply to systems in shoreland areas, wellhead protection areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

**AITKIN COUNTY**  
**ENVIRONMENTAL SERVICES/PLANNING AND ZONING**

209 SECOND STREET NW  
AITKIN, MN 56431  
218-927-7342

May 15, 2008

Wayne Bohn  
18116 Naples St. NW  
Elk River, MN 55330-

Re: Operating Permit #: 222  
Parcel Identification #: 29-0-013004

Dear Resident:

This letter is to remind you that the Operating Permit for the septic system at the above mentioned parcel of land expired on July 1, 2008. The enclosed operating permit was issued as part of the permit for your septic system. The permit must be renewed annually until such time as your Septic Inspector and the County feel that the system is operating in conformance with the Aitkin County Individual Sewage Treatment System and Wastewater Ordinance and does not pose a threat to the public health and general welfare of the citizens of Aitkin County.

There may have been some wording changes for clarification on the permit, but the items that need to be monitored for performance or maintenance have not been changed. In addition, the Operating Permit for the calendar year of 2008 has been enclosed. If there are no changes to the operating permit, please submit the following to the County Office: 1) the results of performance and maintenance activities, 2) a table of your water usage, 3) the signed Operating Permit, and 4) the \$100.00 permit fee. Only complete applications can be accepted.

If your designer feels that the system is working properly, please have him/her submit a letter requesting to have the operating permit terminated or to have it renewed longer. The County will determine if this is possible.

The performance and life expectancy of this septic system is dependent on regular monitoring and maintenance of all parts of the system. Your compliance with the operating permit will ensure continued high performance of the system. Failure to perform the monitoring and maintenance of this system could cause costly repairs to or replacement of this system. In addition, failure to comply with the monitoring, maintenance and reporting of the requested information is a violation of the Aitkin County Individual Sewage Treatment System and Wastewater Ordinance and could be prosecuted by the County Attorney's Office.

All information required must be submitted to this Office ASAP. We are notifying you one last time to give you sufficient time to contact your designer and make any necessary changes, have samples taken and tested, tanks pumped, and any other activities that were required to meet the requirements of your permit.

If you have any questions regarding testing, completing the application or your permit in general, please contact our Office at 218-927-7342.

Sincerely,

Aitkin County Planning Zoning

**AITKIN COUNTY ENVIRONMENTAL SERVICES**

**OPERATING PERMIT FOR WASTEWATER  
TREATMENT AND DISPERSAL**

**OPERATING PERMIT #:** 222

**FEE:** \$50.00

**PERMITTEE:** Wayne Bohn

**PHONE:** (763) 441-8571

**ADDRESS:** 18116 Naples St. NW  
Elk River, MN 55330-

**ZONING PERMIT #** 33150

**PARCEL #:** 29-0-013004

**LEGALDESCRIPTION:** Lot 32 Part of Gov't Lot 4

**ISSUE DATE** 5/31/2006

**EXPIRATION DATE** 5/31/2007

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system located on the above described property in accordance with the requirements of this permit.

This permit is effective on the issuance date identified above.

This permit and the authorization to treat and disperse from the above system shall expire on the above expiration date. The Permittee is not authorized to discharge after the date of expiration. The Permittee shall submit such information and forms as required by Aitkin County Environmental Services no later than thirty (30) days prior to the expiration date. When the required information is submitted and approved by Aitkin County Environmental Services, the permit may be renewed. This permit is not transferable from owner to owner.

**I hereby certify with my signature as the permittee that I understand the provisions of this permit including the maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs and charges that may be incurred by use of this system and if I fail to comply with the provisions of this Operating Permit. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the permit.**

\_\_\_\_\_  
**Signature of Permittee**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Signature of Permitting Authority**

\_\_\_\_\_  
**Date**

If You have any questions regarding this permit, including the specific permit requirements, permit reporting or permit compliance status, please contact Aitkin County Environmental Services at 218-927-7342.

**A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM**

This property would like to go from a 2 bedroom to a 4 bedroom. There is not a suitable site to add on to the pressure bed. The existing pressure bed complies so it will be used to treat 2 bedrooms of effluent. Time dosing will be added and a 1500 gallon holding tank with monitoring and maintenance plan & pumping agreement submitted. \$200.00/year for 3 years totaling \$600.00

**B. PERFORMANCE STANDARD REQUIREMENTS:**

During the period beginning on the effective date (issuance date) of this permit and lasting until this permits expiration date, the Permittee is authorized to discharge from the wastewater treatment unit to subsurface dispersal. No surface discharge is permitted. The following parameters must be monitored and the results must be found within the compliance limits.

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENC
Flow	300 gpd	Water Meter	MONTHLY	Record on Log Sheet	MONTHLY

**C. MAINTENANCE REQUIREMENTS:**

PARAMETER	LOCATION	FREQUENCY
Flow	Water Meter	MONTHLY

**D. MONITORING AND REPORTING REQUIREMENTS:**

Monitoring results obtained during each calendar year shall be submitted no later than December 31st of that year to:

Aitkin County Environmental Services  
209 2nd Street NW  
Aitkin, MN 56431

The monitoring reports shall be signed by the Permittee. Copies are to be retained by the Permittee.

The Permittee shall notify Aitkin County Environmental Services within thirty (30) days when monitoring results do not meet the monitoring plan requirements of this permit.

Monitoring plans may be modified as necessary and reapproved by Aitkin County Environmental Services.

Sampling and laboratory testing procedures shall be performed in accordance with Standard Methods and the testing and shall be performed by a Minnesota Department of Health approved laboratory. All sampling and testing costs shall be the responsibility of the Permittee.

Monitoring will be done by Jarold Farley.

**E. MITIGATION PLAN:**

- 1) If weeping occurs; lower dosing rate, lower water usage, or increase distribution area. Waste strength: if fecals exceed limit -reduce effluent strength, increase retention time or add disinfection.
- 2) A different or another Performance or Other System may be installed at the owner's expense.
- 3) If in the event that this system should fail and if there is no other ISTS option available, then Holding Tanks must be installed, to be pumped by a licensed Pumper with a contract.

**F. SPECIAL REQUIREMENTS:**

If overdosing occurs , they will lower the doses and send more effluent to the holding tank.

Business Name

Bohn

Address 50476 214<sup>th</sup> Place

(Meter readings should be taken on 1st of month)

INITIAL READING 999832 on 9/1/2006

DATE	METER READING	INITIALS	DATE	METER READING	INITIALS
10/1/2006	999942	8250 gal.	= 275 gpd		
11/6/2006	000059	8775 gal.	= 244 gal.	Per. day	
12/5/2006	000151	6900 gal.	= 230 gpd.		
1-1-2007	000225	5500 gal.	= 213 gpd.		
2-5-2007	000251	1950 gal.	= 69 gpd.		
3/3/2007	000283	2400 gal.	= 89 gpd.		
4-1-2007	000350	5025 gal.	= 157 gpd.		
5-3-07	000426	5700 gal.	= 183 gpd.		
6-3-07	000490	4800 gal.	= 160 gpd.		
7-1-07	000547	4275 gal.	= 153 gpd.		
8-1-07	000600	3975 gal.	= 134 gpd.		
9-5-07	000674	5550 gal.	= 170 gpd.		
10-3-07	000742	5100 gal.	= 182 gpd.		
11-2-07	000804	4650 gal.	= 160 gpd.		
12-1-07	000860	4200 gal.	= 140 gpd.		
1-3-08	000910	3750 gal.	= 113 gpd.		
2-2-08	001012	7650 gal.	= 263.7		
3-5-08	001159	8250 gal.	= 275 gpd.		
4-1-08	001205	3450 gal.	= 138 gpd.		
5-1-08	001234	2175 gal.	= 72.5 per day		
6-1-08	001281	3525 gal.	= 117.5 gpd		

ZONING PERMIT APPLICATION

#272

FULL NAME WAYNE L. BOHN TELE # 763-441-8571
MAIL ADDRESS 18116 NAPLES ST. NW 218-426-3115
CITY EIK RIVER STATE MN ZIP 55330
911 ADDRESS OF PROPERTY 50476 214th PLACE
CITY MCGREGOR STATE MN ZIP 55760
TOWNSHIP SHAMROCK
LEGAL DESCRIPTION Lot 32 Part of Govt Lot 4
SECTION 7 TOWNSHIP 49 RANGE 23

OFFICE USE ONLY
DATE 7/28/05 APPROVE DENY
PERMIT# 33150
PARCEL# 29-0-013004
RECEIPT# 8612
CONFORMING SEPTIC YES P# New NO NEW

(circle) RESIDENTIAL COMMERCIAL ACCESSORY NEW BUILDING ALTERATION

BUILDING CONTRACTOR AND LICENSE NUMBER:

SIZE OF ALL BUILDINGS COVERED BY THIS APPLICATION 28' x 16' Res. Addn, 12' x 16' sun room, 40' x 30' att. gar. and 38' x 29' deck as per 32909V

COMMENTS: Op permit \$175 "other" septic \$250, Res. addn.

DESIGNER: Farley

DATA FOR SEWER CONSTRUCTION: INSTALLER Kangas #BEDROOMS/GPD 3/

The undersigned hereby makes application for permit to construct as herein specified, agreeing to do all such work in strict accordance with the Ordinances of the County of Aitkin, Minnesota; Minnesota Individual Sewage Disposal Code Minimum Standards set forth by Minnesota Department of Health; and Shoreland Management Standards set forth by Minnesota Department of Natural Resources. Applicant agrees that plot plan, sketches and specifications submitted herewith and which are approved by the Zoning Official, shall become a part of the permit. APPLICANT FURTHER AGREES THAT NO PART OF THE SEWAGE SYSTEM SHALL BE COVERED UNTIL IT HAS BEEN INSPECTED AND ACCEPTED. It shall be the responsibility of the applicant for the permit to notify the Zoning Office (at least 24 hours in advance) that the Septic System is ready for inspection.

X Wayne L. Bohn SIGNATURE APPLICANT/AGENT

DO NOT WRITE BELOW THIS LINE

ZONING DISTRICT & FLOOD PLAIN

ZONING DISTRICT S1L
LAKE/STREAM/RIVER NAME Big Sandy
LAKE/RIVER ID NUMBER 10062
LAKE/RIVER/STREAM CLASSIF. 6aD
PARCEL LOCATED IN FLOOD PLAIN? Y N TBD
10/100-YR. FLOOD ELEVATION 1223.9
LOWEST FLOOR ELEVATION 1224.9
ELEV. CERTIFICATE REQUIRED Y N
BEFORE CONSTRUCTION Y N
AFTER CONSTRUCTION Y N

STRUCTURE SETBACK DISTANCE REQUIREMENTS (Measure from eaves or overhang)

OHW TO LAKE/RIVER/STREAM 75' +
PROPERTY LINE SETBACK (10-ft./ 20-ft.) see variance
SETBACK TO ROAD R-O-W (30-ft. Twp. / 50-ft. Co., State, Fed.)
SETBACK TO BLUFF (30-ft.)

SEPTIC SYSTEM SETBACK DISTANCES

SETBACK TO STRUCTURES - 10-ft. Tank / 20-ft. Drainfield
OHW TO LAKE/RIVER 75'
PROPERTY LINE SETBACK 10 ft.
SETBACK TO ROAD R-O-W 10-ft.

\*\*ATTACH COPY OF ELEVATION CERTIFICATES\*\*

SOIL BORINGS SEPTIC DESIGN See design GARBAGE DISP/HOT TUB
SSF DEPTH TO RESTRICTING LAYER YES NO
MIN. SIZE SEPTIC TANK MIN. SIZE PUMP TANK
DRAINFIELD: MINIMUM SQ.FT WITH INCHES ROCK BELOW PIPE
MOUND: MINIMUM ROCK BED SQ.FT WITH 9 INCHES ROCK BELOW PIPE
MIN. UPSLOPE SAND WIDTH MIN. DOWNSLOPE SAND WIDTH END SAND WIDTHS

RECOMMENDATIONS:



# CONDITIONAL USE PERMIT/VARIANCE/REZONING APPLICATION

OFFICE USE ONLY

7/6/05

APPLICATION DATE 5/26/05

MEETING DATE ~~05/26/05~~

60-DAY EXPIRATION DATE 7/25/05 (MEETING MUST OCCUR BEFORE THIS DATE, UNLESS WRITTEN EXTENSION OF THE 60-DAY TIME PERIOD IS MADE. WRITTEN EXTENSION MUST BE MADE PRIOR TO THE EXPIRATION OF THE FIRST 60-DAY TIME PERIOD)

FIRST NAME WAYNE MIDDLE NAME Louis LAST NAME Bohn  
 TELE # ELK RIVER 763-441-8571 DATE OF BIRTH 4-12-44  
 MAIL ADDRESS 18116 NAPLES ST. NW  
 CITY ELK RIVER STATE MN. ZIP 55330  
 911 ADDRESS OF PROPERTY 50476 214th PLACE  
 CITY McGREGOR STATE MN. ZIP 55760  
 TOWNSHIP SHAMROCK  
 LEGAL DESCRIPTION LOT 33 PART OF GOVT. LOT 4  
 SECTION 7 TOWNSHIP 49 RANGE 23

OFFICE USE ONLY  
 DATE 7/6/05 APPROVE / DENY  
 PERMIT# 32909V  
 PARCEL# 27-0-013004  
 RECEIPT# 0733  
 CONFORMING SEPTIC YES P# 199 (at BDEM) MUST BE UP DATED

(circle) RESIDENTIAL COMMERCIAL ACCESSORY NEW BUILDING ALTERATION

SIZE OF ALL BUILDINGS COVERED BY THIS APPLICATION  
HOUSE (2-STORY) 493 SQ. FT. PER LEVEL - DECK (2-LEVEL) 533 SQ. FT. PER LEVEL -  
GARAGE/STORAGE AREA - 1224 SQ. FT. - SUNROOM - 200 SQ. FT. -

COMMENTS:  
Requesting a variance to construct a 28x110  
Resid. add, 200 sq-ft sun room (Resid. Add) & an  
attached garage 30x40 to 15ft from R/W -  
meeting all other setback distances.

The undersigned hereby makes application for permit to construct as herein specified, agreeing to do all such work in strict accordance with the Ordinances of the County of Aitkin, Minnesota; Minnesota Individual Sewage Disposal Code Minimum Standards set forth by Minnesota Department of Health; and Shoreland Management Standards set forth by Minnesota Department of Natural Resources. Applicant agrees that plot plan, sketches and specifications submitted herewith and which are approved by the Zoning Official, shall become a part of the permit.

x Wayne L. Bohn 5/26/05  
 SIGNATURE APPLICANT/AGENT

-----DO NOT WRITE BELOW THIS LINE-----

**ZONING DISTRICT & FLOOD PLAIN**  
 ZONING DISTRICT SL  
 LAKE/STREAM RIVER NAME Big Sandy  
 LAKE/RIVER ID NUMBER F000a  
 LAKE/RIVER/STREAM CLASSIF 4D  
 PARCEL LOCATED IN FLOOD PLAIN? N TBD  
 10/100-YR. FLOOD ELEVATION 1223.9  
 LOWEST FLOOR ELEVATION 1224.9  
 ELEV. CERTIFICATE REQUIRED Y N  
 BEFORE CONSTRUCTION Y N  
 AFTER CONSTRUCTION Y N

**STRUCTURE SETBACK DISTANCE REQUIREMENTS**  
 (Measure from eaves or overhang)  
 OHW TO LAKE/RIVER/STREAM 75'  
 PROPERTY LINE SETBACK (10-ft. / 20-ft.) 10-ft.  
 SETBACK TO ROAD R-O-W (30-ft. Twp) / 50-ft. Co., State, Fed.) 10-ft.  
 SETBACK TO BLUFF (30-ft.) 10-ft.

**SEPTIC SYSTEM SETBACK DISTANCES**  
 SETBACK TO STRUCTURES (10-ft. Tank / 20-ft. Drain field) 10-ft.  
 OHW TO LAKE/RIVER 75'  
 PROPERTY LINE SETBACK 10-ft.  
 SETBACK TO ROAD R-O-W 10-ft.  
 PROPERTY LINE SETBACK 10-ft.

**EXPIRES IN ONE YEAR** • Aitkin County Zoning  
 Courthouse - 209 2nd St. NW. Room 118 • Aitkin, Minnesota 56431  
 Telephone 218/927-7342  
 WHITE - COUNTY

FEE \$ 505

B. Blongue  
 RECEIVED BY  
 PINK - TOWNSHIP

YELLOW - APPLICANT

# FARLEY SEWER SYSTEMS

SEWER DESIGN & INSTALLATION

JAROLD R. FARLEY

230 S. Maddy Street  
McGregor, MN 55760

Bus. Lic. No. L1919  
Reg. No. 4744

218-768-3211

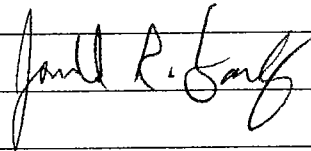
218-839-4737 cell

Aitkin Co. Zoning.

PAR ID NO. 29-0-013004

Aitkin Zoning:

This parcel would like to go from 2 br to 4 bedrooms. They do not have a suitable site to add on to pressure bed. The existing pressure bed complies so we will use it to treat 2 bedrooms of effluent. We will add a time dose system (work sheet enclosed) & a 1,500 holding tank. (Pumping agreement & Mon. & Insp. Plan.



Jarold R. Farley

Lic No: L 1919

# Site Evaluation

Property owner(s): Wayne Brown

Address: 18116 Naples St. NW

P.I.D. 29-0-013004 Section: 7 Township 49 N Range 23 W

Date: 5/22/05 Time: 2:30 PM Weather conditions: clear & sunny

Check all that apply: shoreland yes dwelling x in wellhead protection area no food, bev. or lodging estab. no  
 new no existing x class V no

**Soil Survey Data**

	Soil #1	Soil #2	Soil #3		Soil #1	Soil #2	Soil #3
Map Unit				system depth			
Sym & Name	458e			Texture at depth			
Landscape Position	backslopes			Permeability			
Flooding	none			60=Perc(MPI)			
Slope	12to25%			NRCS onsite suitability			
Watertable depth	6ft. Plus						
Bedrock							
Depth	very deep						

Soil Classification: med.sand  
 Unsuitable/Disturbed/Compacted yes or no  
 Type of observation: Probe no Pit no Boring X  
 Parent material: Till Outwash Loess Bedrock Alluvium  
 Vegetation type: Wet Dry Unknown  
 Slope form: Backslope To-slope  
 Drainage (select one): Good Fair Poor Ponding Flooding  
 Floodplain: yes or no

Flow Information:  
 No. of bedrooms: 4  
 Garbage disposal: yes or no  
 Home Classification #: II III IV  
 Design flow: 600 gpd

Elevation of Boring(s): \_\_\_\_\_ feet Location: \_\_\_\_\_  
 Depths Information Standing water: n/a inches  
 Bedrock: n/a inches  
 Saturated soil: n/a inches  
 Maximum depth of system: n/a inches  
 Maximum Elevation of bottom of system: n/a feet  
 Well Casing depth (from well log): none feet

Soil sizing factor (SSF): 1.27 gpd/ft<sup>2</sup>  
 linear loading rate (LLR): \_\_\_\_\_ gpd/ft  
 Percolation Test Data Was a perc test done? (NO) YES

Results if available

	Location	Depth	MPI
Hole #1			
Hole #2			
Hole #3			

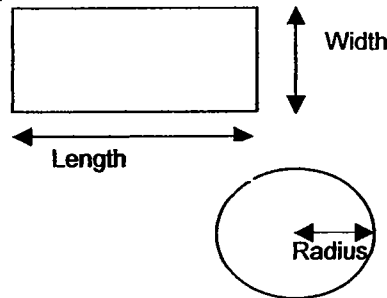
**Soil Boring Data**

Boring 1					Boring 2				
Soil Horizons	Texture	Color	Structure	Consistence	Soil Horizons	Texture	Color	Structure	Consistence
Depth (Inches)					Depth (Inches)				
0-1"	topsoil	10yr3/3	weak	loose	0-1"	topsoil	10yr3/3	weak	very friable
2"-63"	med. Sand	10yr 5/3	weak	loose	2-63"	med. Sand	10yr5/3	weak	very friable
	no color@63								
Boring 3					Boring 4				
Soil Horizons	Texture	Color	Structure	Consistence	Soil Horizons	Texture	Color	Structure	Consistence
Depth (inches)					Depth (inches)				

I hereby certify that I have completed this work in accordance with applicable ordinances, rules and laws.  
Paul R. Fung (signature) 11919 (license #) 5/22/05 (date)  
230 s. maddy st. address 218-768-3211 phone number

# DOSING CHAMBER SIZING with a Timer

All boxed rectangles must be entered, the rest will be calculated.



- Determine area
  - Rectangle area =  $L \times W$   
 $3.5 \text{ ft} \times 4.5 \text{ ft} = 15.75 \text{ ft}^2$
  - Circle area =  $3.14 \times \text{radius}^2$   
 $3.14 \times \text{[ ]}^2 \text{ ft} = 0.0 \text{ ft}^2$
  - Get area from manufacture [ ]  $\text{ft}^2$
- Calculate gallons per inch  
 There are 7.5 gallons per cubic foot of volume, therefore multiply the area (1A, B or C) times the conversion factor and divide by 12 inches per foot to calculate gallon per inch.  
 $\text{Surface area} \times 7.5 / 12 = 15.8 \text{ ft}^2 \times 7.5 / 12 \text{ in/ft} = 9.8 \text{ gallon per inch}$

**Legal Tank:**  
 500 gallons or  
 100% the daily flow  
 or Alternating Pumps

- Calculate recommended capacity = average design flow (see chart A-1) x 2  
 $300 \text{ gpd} \times 2 = 600 \text{ gal}$
- Calculate total tank volume
  - Depth from bottom of inlet pipe to tank bottom =  $60 \text{ in}$
  - Total tank volume = depth from bottom of inlet pipe to tank bottom(4A) x gal/in(2)  
 $= 60 \text{ in} \times 9.8 \text{ gal/in} = 590.6 \text{ gallons}$

Number of Bedrooms	Class I	Class II	Class III	Class IV
2	300	225	180	60% of the values in the Class I, II or III columns
3	450	300	218	
4	600	375	256	
5	750	450	294	
6	900	525	332	
7	1050	600	370	
8	1200	675	408	

- Calculate gallons to cover pump (with 2-3 inches of water covering pump)  
 (Pump and block height + 2 inches) x gallon per inch(2)  
 $(16 + 2 \text{ in}) \times 9.8 \text{ gal/in} = 177.2 \text{ gallons}$

- Calculate total usable tank volume  
 total tank volume in gallons (4) - gallons to cover pump(5)  
 $590.6 \text{ gal} - 177.2 \text{ gal} = 413.4 \text{ gal}$

- Calculate total pumpout volume
  - Select pump size for 4-5 doses per day. Gallon per dose = gpd (see Figure A-1) / doses per day =  
 $300 \text{ gpd} / 5 \text{ doses/day} = 60 \text{ gallons}$

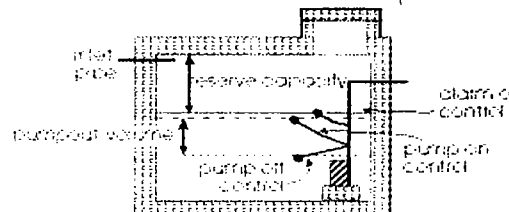
- Calculate drainback
  - Determine total pipe length  $80.0 \text{ ft}$
  - Determine liquid volume of pipe,  $0.11 \text{ gal/ft}$  (see figure E-20)
  - Drainback quantity =  $80 \text{ ft (7B1)} \times 0.11 \text{ gal/ft (7B2)} = 8.8 \text{ gallons}$
- Total pump out volume = dose volume(7A) + drainback (7B3)  
 $60 \text{ gallons} + 8.8 \text{ gallons} = 68.8 \text{ gallons}$

Pipe Diameter inches	Liquid per foot gallons
1	0.045
1.25	0.078
1.5	0.11
2	0.17
2.5	0.25
3	0.38
4	0.66

- Pump Rate  
 From design  $14 \text{ gpm}$  (verify in field)  
 or calculated:  
 $\text{change in depth (in)} \times \text{gallon per inch(2)} / \text{time interval in min} = \text{gpm}$   
 $\text{[ ] in} \times 9.8 \text{ gal/in} / \text{[ ] min} = 0.0 \text{ gpm}$

- Calculate the timer ON setting  
 Dose gallons(7C) / gpm (8)  
 $68.8 \text{ gal} / 14.0 \text{ gpm} = 4.9 \text{ minutes ON}$

- Calculate the timer OFF setting  
 minutes per day / doses per day - minutes on  
 $1440 / 5 \text{ doses/day} - \text{min on(9)} = 355.1 \text{ minutes OFF}$



I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws

[Signature] (signature)      L1919 (license #)      5/22/05

*Verify all these numbers in the field - do not pump more than 200 gpd into this system.*

Page 1 of 1  
 7-2005

# FARLEY SEWER SYSTEMS

SEWER DESIGN & INSTALLATION

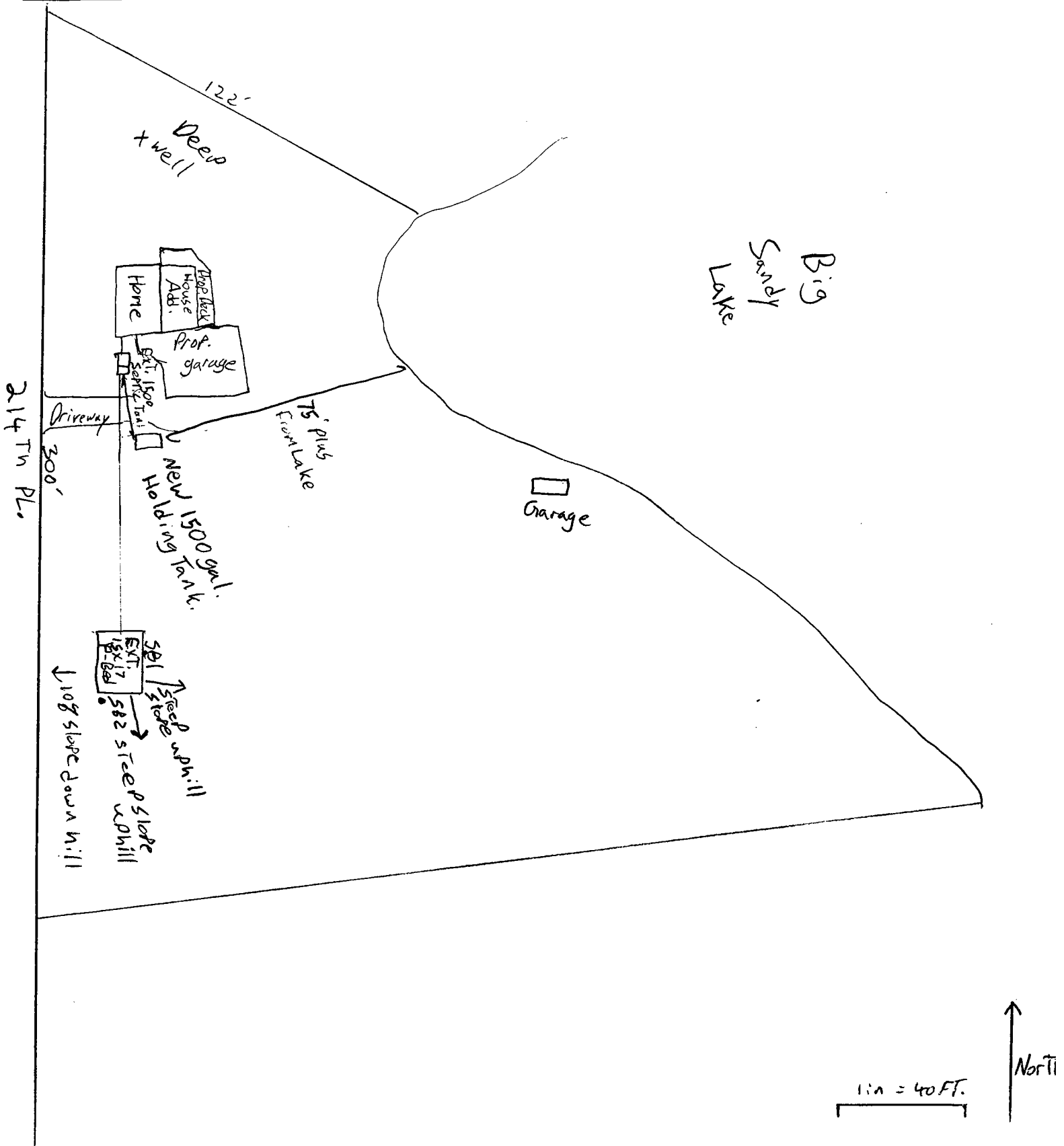
JAROLD R. FARLEY

230 S. Maddy Street  
McGregor, MN 55760

Bus. Lic. No. L1919  
Reg. No. 4744

218-768-3211

218-839-4737 cel



# FARLEY SEWER SYSTEMS

SEWER DESIGN & INSTALLATION

JAROLD R. FARLEY

230 S. Maddy Street  
McGregor, MN 55760

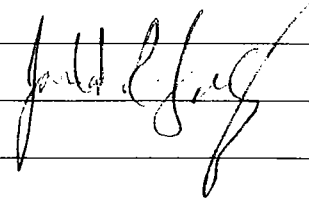
Bus. Lic. No. L19  
Reg. No. 47

218-768-3211

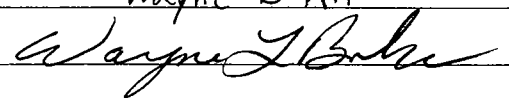
218-839-4737

Wayne Bohn Mitigation Plan.

1. I will monitor All parts of This System.
2. The owner's will install a Water Meter & record usage Monthly.
3. IF overdosing occurs, I will Lower the doses & send more effluent to the holding tank.



Agreed To by home owner:

Wayne Bohn  


HOLDING TANK PUMPING SERVICE AGREEMENT

Permit # \_\_\_\_\_ Address \_\_\_\_\_

THIS AGREEMENT, entered into by and between Aitkin County Registered Septic Tank Pumper, Conner Construction, hereinafter referred to as "Contractor", and Wayne Bohn, hereinafter referred to as "Homeowner".

WHEREAS, Homeowner desires and is required to retain individual sewage treatment system holding tank services to protect the environment and to obtain a certificate of complinace from Aitkin County; and

WHEREAS, the Contractor desires to provide sewage treatment system pumping services to Homeowner as necessary and in accordance with the terms and conditions outlined herein.

NOW THEREFORE, in consideration of the mutual promises contained herein, Parties do hereby agree as follows:

1. **TERM.** The term of this Agreement shall be from \_\_\_\_\_ to final installation of an Aitkin County approved sewage treatment system or connection to a Municipal Sewage Treatment System, unless earlier terminated as provided herein. The parties understand and agree that this Agreement is intended to arrange for the provision of pumping services so that Homeowner may occupy the home pursuant to a certificate of compliance to be issued by the Aitkin County Environmental Services Department upon execution of this Agreement. Homeowner further agrees that at the earliest possible date, Homeowner shall have a permanent sewage treatment system installed in accordance with the Aitkin County Individual Sewage Treatment System and Wastewater Ordinance No.1 and as approved by the Aitkin County Environmental Services Department or connect to a Minicipal Sewage Treatment System. Upon approval by the County of Aitkin of the individual sewage treatment system or connection to a municipal sewer, or approval by Aitkin County Environmental Services of an amended or different contract, this Agreement shall terminate.

2. **FREQUENCY OF PUMPING.** Homeowner agrees that he/she shall not allow the holding tank to overflow or discharge in any manner. Contractor and Homeowner agree that the holding tank shall be pumped in accordance with the following:

Tank size (gal.) 2000 / (number of household occupants multiplied by 75 gallons per day) = frequency of pumping: or

Within 24 hours of indication by tank alarm of lack of capacity (applicable only if system has a functional alarm):

Whichever is greater

Contractor agrees to provide pumping services according to the regular pumping schedule or as needed to prevent discharge. Homeowner shall compensate Contractor as agreed by the parties for pumping services rendered.

3. **REPORTING.** Grievances of Homeowner or Contractor shall be reported to the Aitkin County Environmental Services Department by Homeowner or Contractor. Homeowner and Contractor understand that failure to have holding tank pumped as herein specified or the discharge of any contents from the holding tank, regardless of fault, may result in the suspension, cancellation or revocation of the certificate of compliance, and the homeowner may be required to vacate the premises.

[Signature]  
Contractor

Wayne L Bohn  
Homeowner

Date 5-26-05

Date 5-26-05

MAINTENANCE SERVICE, MONITORING AND INSPECTION  
CONTRACT  
FOR INDIVIDUAL SEWAGE TREATMENT SYSTEM

It is hereby agreed this 26 day of May, 2005 by and between  
Harold R. Farley (Inspector) and WAYNE BOHN (client)

(Client) Name & Address

WAYNE L. Bohn

Street Address 50476 214<sup>th</sup> PLACE

City, State, Zip MCGREGOR, MN 55760

That in consideration of the payments provided herein, the Inspector shall provide services to perform Preventative Maintenance, Monitoring and Inspection of the Individual Sewage Treatment System (ISTS) located at the property described in the Aitkin County Operating Permit.

Each inspection includes an examination of the ISTS followed by a written report to the client. This inspection report shall contain recommendations for operation and maintenance for failure-preventative measures, if any are deemed appropriate by the inspector and a list of recommended corrective measures or replacement parts. The Inspector is authorized to submit a copy of the report to the Aitkin County Environmental Services Department.

This contract does not assume any responsibilities or obligations, which are normally the responsibilities of the Client, as related to parts or labor and does not extend to cover any costs that may be associated with any recommendations made under this contract.

The Inspector can only contract or subcontract for parts or labor after authorization. Billings for service calls shall be made on a case by case basis. This contract only covers maintenance, monitoring and inspection services per current Aitkin County Operating Permit and does not cover alarm calls of any kind.

The Inspector shall be provided access to the site and the system in order to perform the following services:

**SEPTIC TANK AND LIFT STATIONS INSPECTION**

(check the boxes needed to fill the requirements of the Operating Permit)

Check septic tank and compartments for solids buildup and general appearance. If necessary, have tanks pumped (cost of pumping is the responsibility of the client).

Check effluent filter for buildup and clean, if applicable.



Check pumping system, including control panel and floats.

Record and date the readings of the elapsed time meter and cycle counter(s), if applicable.

Check dosing settings (in the control panel, if applicable).

Other: \_\_\_\_\_  
\_\_\_\_\_

**\*\*If the septic tank or lift stations need pumping to be in compliance with the operating permit the cost of the pumping is the responsibility of the Client.**

### TREATMENT DEVICE

\_\_\_ Inspect pretreatment unit (aerobic tank, sand filter, etc.) per manufacturer's recommendations, if applicable.

\_\_\_ Inspect and clean any parts per manufacturer's recommendations.

\_\_\_ Inspect and clean laterals, if applicable.

\_\_\_ Inspect the appearance of the wastewater inside the unit for color, turbidity and examination of odors.

\_\_\_ Sample effluent per Operating Permit monitoring requirements.

**(Cost of sampling and analysis is the responsibility of the Client)**

Other: \_\_\_\_\_  
\_\_\_\_\_

### DISPERSAL FIELD

Inspect for visible signs of failure (surface discharge, soggy ground, wet spots, settling, etc.)

If liquid level monitors are installed, levels will be observed and recorded.

Flush filters and clean cartridges, if applicable.

Check field control unit solenoid operations or manual control, if applicable.

Other: \_\_\_\_\_  
\_\_\_\_\_

In no event shall the Inspector be responsible for special or consequential damages, including but not limited to, loss of time, injury to personal property or any other consequential damages or incidental or economic loss due to equipment failure or for any other reason. This contract does not assume any responsibilities or obligations, which are normally, the responsibility of the Client or as, related to parts or labor and does not extend to cover any costs that may be associated with any recommendations made under this contract.

This contract shall be effective: Beginning May 26, 2005

and Ending May 26, 2008

**Cost for Maintenance Service, Monitoring and Inspection Contract is:**

\$ 200 /yr. For 3 years totaling \$ 600.00

The Inspector agrees to provide inspection, monitoring and routine maintenance service only under this contract. The Client remedies for breach of this contract shall be limited to refund of any of the amounts paid in advance for service. This contract may be renewed 30 days from the ending date.

Payment for all services shall be paid Yearly.

**Client:**

**Inspector:**

Sign: Wayne L. Bohn

Sign: Jarold R. Farley L-1919

Print: WAYNE L. BOHN

Print: Jarold R. Farley

Date: 5-26-05

Date: 05/26/05

# AITKIN COUNTY ENVIRONMENTAL SERVICES

## APPLICATION for an OPERATING PERMIT FOR WASTEWATER TREATMENT AND DISPERSAL

PERMITTEE Wayne Bohn PARCEL NUMBER 29-0-013004  
 ADDRESS 50476 McGregor MN. 55760  
 LEGAL DESCRIPTION .70 Ac. Lot 32 gov Lot 4  
 TELEPHONE # 218-426-3115 GIS LOCATION \_\_\_\_\_

**A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM:**  
 (Attach ISTS site evaluation and design; estimated cost of system construction, operation, monitoring, service, component replacement, and management; anticipated system life, hydraulic and organic loading rates)

Existing Tank & Pressure Bed. We will time dose for two Bedroom use & add one 1500 gal. holding Tank. Approx cost. 5000.00.

**B. MONITORING PLAN AND REPORTING FREQUENCY:**

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENCY
FLOW	300 per Day	Water Meter	Monthly	Readings + Recorded	Monthly
5-DAY BOD					
TOTAL NITROGEN					
TOTAL PHOSPHORUS					
TSS					
FATS, OILS AND GREASE					
FECAL COLIFORM					
SEPARATION DISTANCE	3'	Dispersion Area	Yearly	Boring	Yearly

Jarold Farley will perform the monitoring of this septic system.

**C. MAINTENANCE PLANS**

PARAMETER	LOCATION	FREQUENCY
Flow	Water Meter	Monthly - By Homeowners
Dispersal - Separation	Pressure Bed - Check For Failure - 3' separation	Yearly

**D. MITIGATION PLAN:**

IF the drain Field start to fail we will send more (recalculate Flow to reduce) effluent to holding tank.

I hereby certify with my signature as the designer, that all data for the operating permit application is true and correct to the best of my knowledge. I agree to indemnify and hold Aitkin County harmless from loses, damages, costs and charges that may be incurred by the County because of the information submitted with this application.

Jared R. Goff  
Signature

L-1919  
License Number

07-21-05  
Date

Jerry Farley  
Name (please print)

230 S. Maddy ST.  
Address  
McGregor, MN. 55760

218-839-4737  
Telephone #

**NOTICE OF HEARING**

THE BOARD OF ADJUSTMENT WILL ASSEMBLE FOR A HEARING OF APPEALS FROM THE AITKIN COUNTY ZONING ORDINANCE ON **WEDNESDAY, JULY 6, 2005 AT 4:00 P.M.** IN THE AITKIN COUNTY COURTHOUSE, AITKIN, MN 56431. THE FOLLOWING APPLICATIONS WILL BE REVIEWED.

---

**WAYNE BOHN, 18116 MAPLES ST NW, ELK RIVER, MN 55330**, is requesting a variance from the required back distance of 30 feet from the road right-of-way on a minor road to a setback distance of 25 feet to construct a 28 foot by 16 foot residence addition, 12 foot by 16 foot irregular shaped sun room, 40 foot by 30 foot irregular shaped garage and 38 foot by 29 foot irregular shaped deck attached to a non-conforming structure that is 15 feet from the road right-of-way which was built per variance 12543V. .70 AC LOT 4 IN DOC 161923. Section 7, Township 49, Range 23. Aitkin County, Minnesota 56431.  
PERMIT #32909V

***The Variance Permit #32909V requested by Wayne Bohn was reviewed by the Shamrock Township Board of Supervisors at the June 9, 2005 board meeting.***

***No board action was required. It was noted that the existing building is fifteen feet from the road right-of-way per a previous variance and that the current addition shall be at least fifteen feet from the road right-of-way.***

*Candace Bartel*  
**Candace Bartel**  
**Shamrock Township Clerk**  
**6-20-05**

**NOTICE OF DECISION for**

STATE OF MINNESOTA  
COUNTY OF AITKIN

AITKIN COUNTY BOARD OF ADJUSTMENT  
VARIANCE PROCEEDINGS

IN THE MATTER OF PERMIT NUMBER: 32909V

VARIANCE Denied or Approved (Circle one)

APPLICANT:

Name Wayne Bohn

Mailing Address 18116 Naples St NW

City, State, Zip Elk River MN 55330

The above entitled matter came to be heard before the Board of Adjustment on the 6th day of July, 2005, on a petition for a Variance pursuant to the Aitkin County Zoning Ordinance, for the following described parcel of land: .70 AC Lot 4 in Doc. 161923. Section 7, Township 49, Range 23. Aitkin MN 56431.

IT IS ORDERED that a Variance BE granted upon the following conditions or reasons (if any): Must incorporate shoreland performance standards to deal with water runoff (possibly A&I) and recorded on deed. **FINDINGS OF FACTS or CONDITIONS (if any) WILL BE FORTHCOMING ON THE RECORDING DOCUMENT** elements of

DATED THIS 6th DAY OF July, 2005.

[Signature]  
Chairperson of the Board of Adjustment or  
Authorized Representative

Applicant acknowledges receipt of this document.

[Signature]  
Signature of Applicant

**THIS INSTRUMENT WAS DRAFTED BY:**  
AITKIN COUNTY ZONING ADMINISTRATOR  
COURTHOUSE  
AITKIN, MINNESOTA 56431

*Appeal of this decision shall be within 30 days after receipt of this notice of Decision, to the District Court in the County in which the land is located on questions of law and fact.*

AITKIN COUNTY SOIL AND WATER CONSERVATION DISTRICT  
SHORELAND SITE REVIEW AITKIN COUNTY SWCD  
130 SOUTHGATE DRIVE  
AITKIN, MN 56431  
(218) 927-6565

SHORELAND SITE REVIEW

SITE REVIEW NUMBER: S05-45  
SITE REVIEW DATE: July 12, 2005  
LANDOWNER'S NAME: Wayne and Myrl Lee Bohn  
ADDRESS: 50476 214<sup>th</sup> Place McGregor, MN 55760  
PHONE:

LOCATION OF WORK SITE: SEC: 7 TWSP: 49 RANGE: 23

LOT #, PLAT NAME, ¼ SECTION, ETC.

LAKE OR RIVER AFFECTED: Big Sandy Lake

\*\*\*\*\*

**WORK TO BE PERFORMED & SITE EVALUATION**

The landowner has requested a site review of property to determine how their proposed building of a garage and deck relates to the Aitkin County Shoreland Management Ordinance:

Brief project description: This landowner has applied for a building permit. A condition of the permit requires the landowner to deal with increased runoff that will result from the new roof areas. The majority of this property has been maintained in a wooded condition, with good buffer area along the lake. There is also a steep slope located behind the existing cabin.

This property is located on a General Development lake. The Shore Impact Zone is parallel to the lake edge and extends back 50 feet from the ordinary high water mark.

This site has a bluff or steep slope. The bluff will not be impacted by this proposed project.

The landowner will maintain the existing runoff control berms and shore impact zone vegetation and direct water away from the lake by installing and maintaining gutters on the roofs that slope toward the lake.

After the project is completed, all disturbed soil areas must be seeded and mulched or otherwise stabilized to establish vegetative cover and prevent erosion.

Questions regarding this site review should be directed to Aitkin County SWCD at (218) 927-6565.

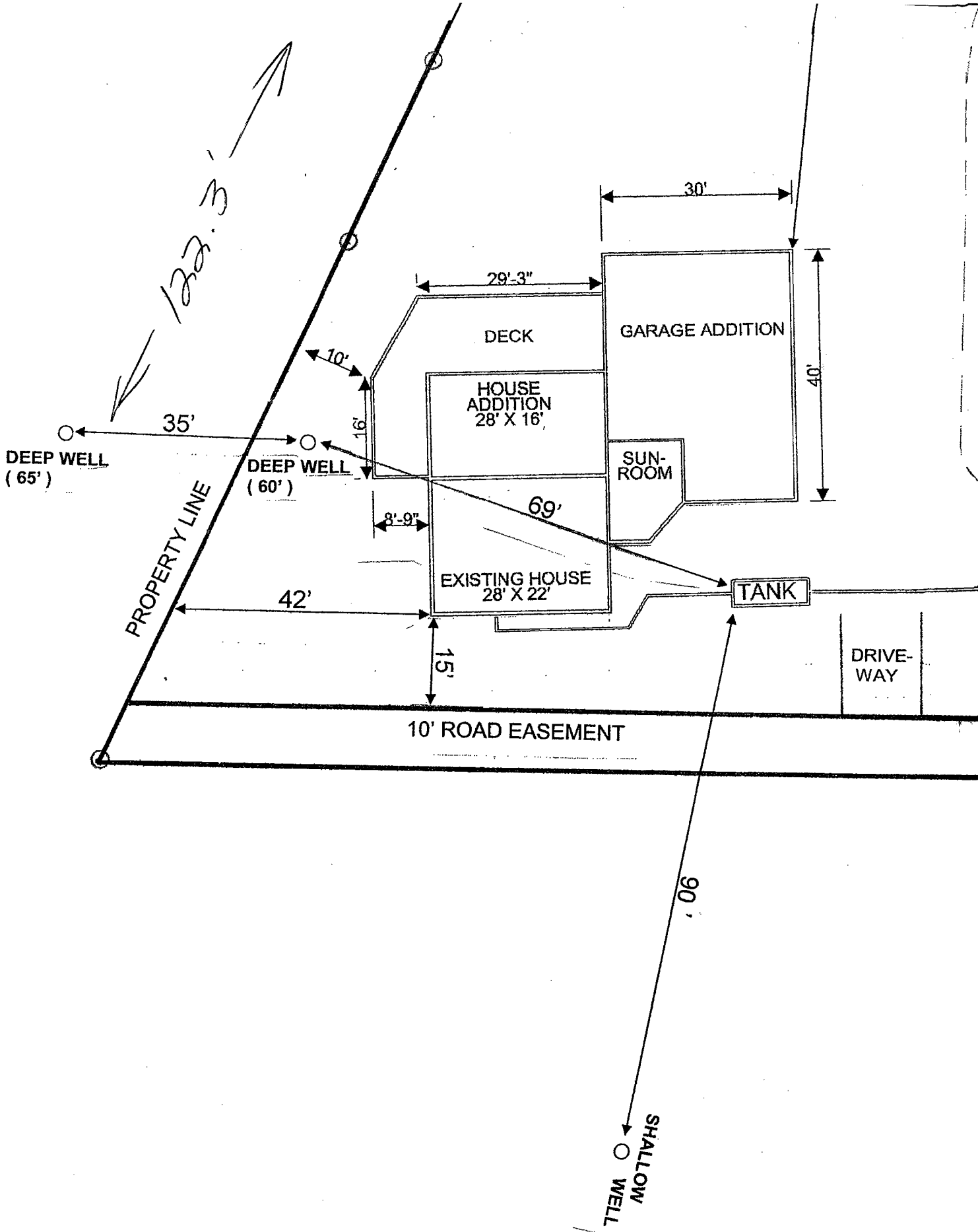
Date: July 18, 2005

SWCD AUTHORIZED SIGNATURE:

\*\*\*\*\*

**CALL AITKIN COUNTY PLANNING & ZONING (927-7342) FOR SHORELAND ALTERATION OR OTHER NECESSARY PERMITS. DNR, ARMY CORPS OF ENGINEERS, MPCA, MISSISSIPPI HEADWATERS BOARD OR OTHER APPROVALS MAY BE REQUIRED. IT IS THE LANDOWNER'S RESPONSIBILITY TO MEET ALL APPLICABLE SETBACKS AND RESTRICTIONS. THIS SITE REVIEW IS VALID FOR ONE YEAR FROM THE DATE OF THE SITE REVIEW.**

**NOTES & PHOTOS:**





QCD Split Date 6/30/05  
(9/29/04)

09-0-003408

REAL ESTATE TRANSFER

From: Rivers, Clayton J & Marcella

To: Larson, Catherine L & Kalkes, Stephanie  
34788 396<sup>th</sup> Place  
Aitkin MN 56431

102444

Description: On Split 3-46-25

Plate No. 09-0-003400 lot 1 less 4.99 ac r/w & ~~12.92~~ <sup>16.55</sup> ac

~~11.55~~ <sup>792</sup> ac

Plate No. 09-0-003408 Pt Lot 1 as in Doc. 367226 3.63 ac

Subject to the rights of the State of Minnesota to that part thereof that lays below the ordinary high-water line of said creek connecting Lily Lake and Dam Lake and said Dam Lake.

Consideration for this deed is less than \$500.00.

Individual (s) to Joint Tenants QUITCLAIM DEED

No delinquent taxes and transfer entered; Certificate of Real Estate Value ( ) filed ( ) not required

Certificate of Real Estate Value No. \_\_\_\_\_, 20\_\_\_\_

6/30  
County Auditor

by \_\_\_\_\_ Deputy

COPY Split

09-0-003480 -  
split to 09-0-003408

(reserved for recording data)

STATE DEED TAX DUE HEREON: \$1.65

Date: September 29, 2004

FOR VALUABLE CONSIDERATION, Clayton J. Rivers and Marcella Rivers, husband and wife, Grantors, hereby convey and quitclaim to Catherine L. Larson and Stephanie Kalkes, as joint tenants, Grantees, real property in Aitkin County, Minnesota, described as follows:

That part of Government Lot 1 of Section 3, Township 46, Range 25, that lays Northerly/Northwesterly of the Creek flowing between Dam Lake and Lily Lake and Northeasterly/Easterly of the Easterly Right-of-Way Line of Aitkin County State Aid Highway No. 4 as the same is presently located on June 12, 1995.

Subject to easements, reservations, restrictions or ordinances now of record.

Subject to the rights of the State of Minnesota to that part thereof that lays below the ordinary high-water line of said creek connecting Lily Lake and Dam Lake and said Dam Lake.

The consideration for this deed is less than \$500.00.

together with all hereditaments and appurtenances belonging thereto.

Affix Deed Tax Stamp Here

Clayton Rivers

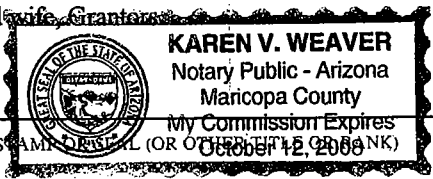
Marcella C. Rivers

STATE OF ARIZONA

} ss.

COUNTY OF PINAL <sup>KW</sup> Maricopa

The foregoing instrument was acknowledged before me this 14 day of April, 2005 by Clayton J. Rivers and Marcella Rivers, husband and wife, Grantors



Karen V. Weaver  
SIGNATURE OF PERSON TAKING ACKNOWLEDGMENT

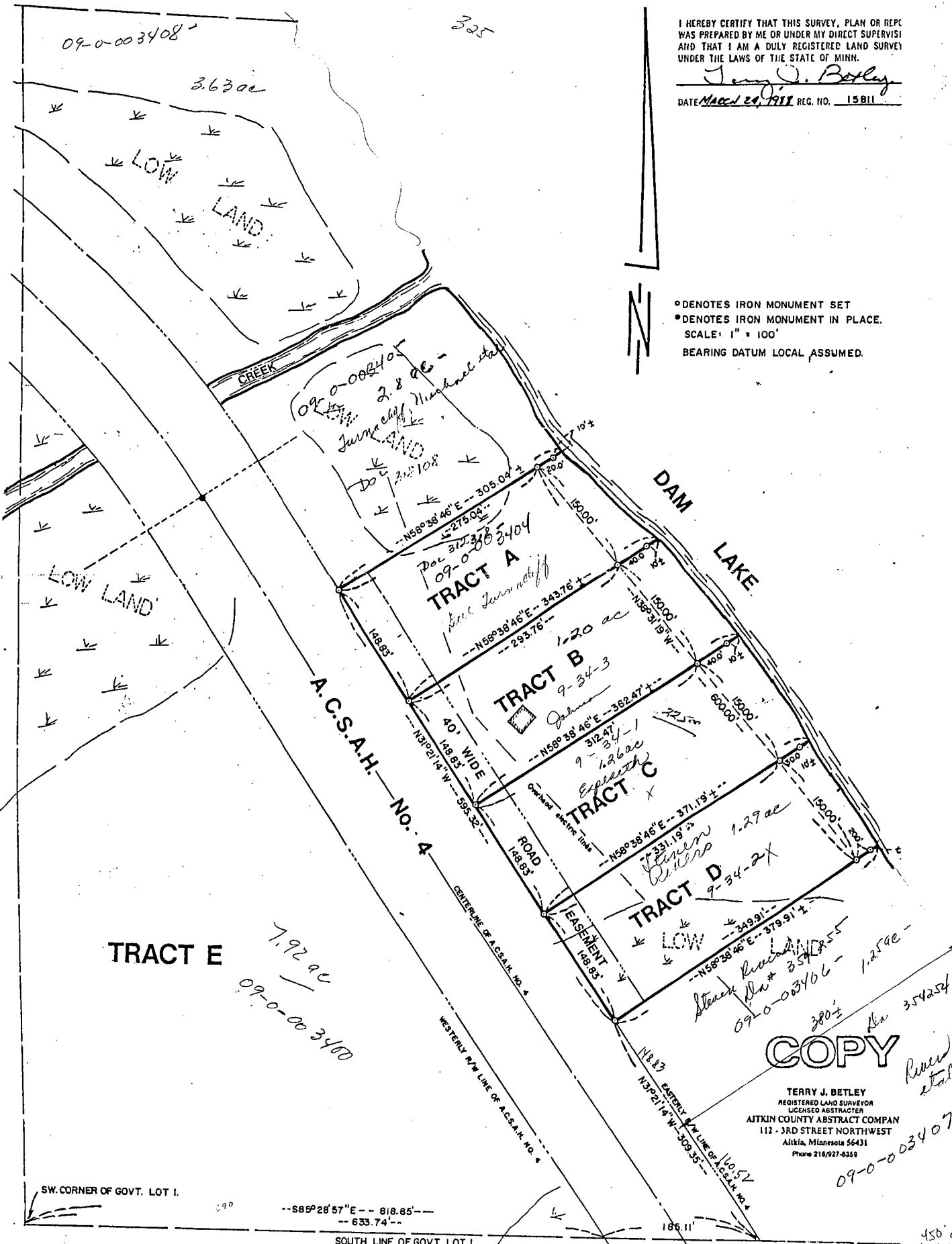
Tax Statements for the real property described in this instrument should be

**CERTIFICATE of SURVEY OF A PART OF GOVT. LOT 1, SECTION 3,  
TWP. 46 N., RGE. 25 W., AITKIN COUNTY, MN.**

I HEREBY CERTIFY THAT THIS SURVEY, PLAN OR REPC WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISI AND THAT I AM A DULY REGISTERED LAND SURVEY UNDER THE LAWS OF THE STATE OF MINN.

*Terry J. Betley*  
DATE MARCH 24, 1988 REG. NO. 15811

- DENOTES IRON MONUMENT SET
  - DENOTES IRON MONUMENT IN PLACE.
- SCALE: 1" = 100'  
BEARING DATUM LOCAL ASSUMED.



**COPY**

TERRY J. BETLEY  
REGISTERED LAND SURVEYOR  
LICENSED ABSTRACTER  
AITKIN COUNTY ABSTRACT COMPAN  
112 - 3RD STREET NORTHWEST  
Aitkin, Minnesota 56431  
Phone 218/927-6359

09-0-003407

SW. CORNER OF GOVT. LOT 1.

--S85°28'57"E-- 818.85'  
--633.74'--

SOUTH LINE OF GOVT. LOT 1

186.11'

450'

# AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

209 Second Street, NW  
Aitkin, Minnesota 56431

PH: (218) 927-7342  
FX: (218) 927-4372



July 22, 2005

RE: Septic Operating Permit #222; Zoning  
Permit # 33150; Parcel #29-0-013004

Wayne Bohn  
18116 Naples St. NW  
Elk River, MN 55330

Dear Mr. Bohn:

Enclosed is the Operating Permit for an "Other" Septic System (formerly Experimental, Performance, etc.) that you are petitioning Aitkin County Zoning to allow to be installed on your property instead of holding tanks or a standard system. Please review this permit thoroughly and become aquatinted with all of the conditions, then sign the operating permit and return it to me with the enclosed envelope. NOTE: ALL FEES HAVE BEEN PAID THROUGH May 31, 2007.

One provision that is often overlooked by homeowners is the State of Minnesota requirement that a water meter or other flow measuring device be installed and the results recorded by the homeowner on a MONTHLY basis. Please be aware that a Certificate of Compliance can not be issued until this provision is met; you may wish to make provisions for its installation now.

Sometime before this 2007 deadline, you will receive an annual reminder notice on how to renew your operating permit with Aitkin County. This reminder notice will ask that you provide the 1) monthly water meter readings, 2) annual Compliance Inspection report, and 3) renewal application and fee. The Compliance Inspector (CI) is privately hired by you, the landowner and must review the septic system onsite on an annual basis while an operating permit covers the system. This annual review would be a great opportunity to review the conditions of the operating permit.

Should you have questions, please contact me at the number above.

Missy Kingsley  
Aitkin County Planning & Zoning

Enclosure

**AITKIN COUNTY ENVIRONMENTAL SERVICES**

**OPERATING PERMIT FOR WASTEWATER  
TREATMENT AND DISPERSAL**

**OPERATING PERMIT #:** 222

**FEE:** 50.00

**PERMITTEE:** Wayne Bohn

**PHONE:** (763) 441-8571

**ADDRESS:** 18116 Naples St. NW  
Elk River, MN 55330-

**ZONING PERMIT #** 33150

**PARCEL #:** 29-0-013004

**ISSUE DATE:** 7/20/05

**RENEW DATE:** 5/31/07

**LEGALDESCRIPTION:** Lot 32 Part of Gov't Lot 4

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system located on the above described property in accordance with the requirements of this permit.


This permit is effective on the issuance date identified above.

This permit and the authorization to treat and disperse from the above system shall expire on the above expiration date. The Permittee is not authorized to discharge after the date of expiration. The Permittee shall submit such information and forms as required by Aitkin County Environmental Services no later than thirty (30) days prior to the expiration date. When the required information is submitted and approved by Aitkin County Environmental Services, the permit may be renewed. This permit is not transferable from owner to owner.

**I hereby certify with my signature as the permittee that I understand the provisions of this permit including the maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs and charges that may be incurred by use of this system and if I fail to comply with the provisions of this Operating Permit. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the permit.**

  
\_\_\_\_\_  
**Signature of Permittee**

7-28-05  
**Date**

  
\_\_\_\_\_  
**Signature of Permitting Authority**

7/28/05  
**Date**

If You have any questions regarding this permit, including the specific permit requirements, permit reporting or permit compliance status, please contact Aitkin County Environmental Services at 218-927-7342.

**A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM**

This property would like to go from a 2 bedroom to a 4 bedroom. There is not a suitable site to add on to the pressure bed. The existing pressure bed complies so it will be used to treat 2 bedrooms of effluent. Time dosing will be added and a 1500 gallon holding tank with monitoring and maintenance plan & pumping agreement submitted. \$200.00/year for 3 years totaling \$600.00

**B. PERFORMANCE STANDARD REQUIREMENTS:**

During the period beginning on the effective date (issuance date) of this permit and lasting until this permits expiration date, the Permittee is authorized to discharge from the wastewater treatment unit to subsurface dispersal. No surface discharge is permitted. The following parameters must be monitored and the reuslts must be found within the compliance limits.

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENCY
Flow	300 gpd	Water Meter	MONTHLY	Record on Log Sheet	MONTHLY

**C. MAINTENANCE REQUIREMENTS:**

PARAMETER	LOCATION	FREQUENCY
Flow	Water Meter	MONTHLY

**D. MONITORING AND REPORTING REQUIREMENTS:**

Monitoring results obtained during each calendar year shall be submitted no later than December 31st of that year to:

Aitkin County Environmental Services  
209 2nd Street NW  
Aitkin, MN 56431

The monitoring reports shall be signed by the Permittee. Copies are to be retained by the Permittee.

The Permittee shall notify Aitkin County Environmental Services within thirty (30) days when monitoring results do not meet the monitoring plan requirements of this permit.

Monitoring plans may be modified as necessary and reapproved by Aitkin County Environmental Services.

Sampling and laboratory testing procedures shall be performed in accordance with Standard Methods and the testing and shall be performed by a Minnesota Department of Health approved laboratory. All sampling and testing costs shall be the responsibility of the Permittee.

Monitoring will be done by Jarold R. Farley

**E. MITIGATION PLAN:**

) If weeping occurs; lower dosing rate, lower water usage, or increase distribution area. Waste strength: if fecals exceed limit -reduce effluent strength, increase retention time or add disinfection. 2) A different or another Performance or Other System may be installed at the owner's expense. 3) If in the event that this system should fail and if there is no other ISTS option available, then Holding Tanks must be installed, to be pumped by a licensed Pumper with a contract.

**F. SPECIAL REQUIREMENTS:**

If overdosing occurs , they will lower the doses and send more effluent to the holding tank.

**AITKIN COUNTY**  
**CERTIFICATE OF COMPLIANCE/NOTICE OF NONCOMPLIANCE**

This certificate of compliance/notice of noncompliance has been issued this \_\_\_\_\_ day of 9/14/06 to certify compliance/noncompliance with Aitkin County's Individual Sewage Treatment System and Wastewater Ordinance No.

1. The premises covered by this certificate are legally described as: \_\_\_\_\_

lot 32 part of Govt lot 4

Section 7 Township 49 Range 23 Lake Big Sandy

PERMIT NO. 33150 Owner Name Wayne Bohn

Address 18116 Naples St. NW Elk River, MN 55330

Installer Name Ken Eddy

Type of System Inspected Time Loser + Tank

The certificate of compliance/notice of noncompliance was based on, No 1 of the following:

- 1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.
- 2) Review of as-built plans submitted in accordance with Subdivision 4.21 C. Of Aitkin County's Individual Sewage Treatment System and Wastewater Ordinance No. 1.

If the above permitted individual sewage treatment system is in noncompliance with Aitkin County's Individual Sewage Treatment System and Wastewater Ordinance No. 1, then the following shall serve as a Notice of Violation:

- 1) Statement of the findings of fact through inspections or investigations: \_\_\_\_\_
- 2) List of specific violations of Ordinance: \_\_\_\_\_
- 3) Requirements for correction or removal of violations: \_\_\_\_\_
- 4) Time schedule for compliance: \_\_\_\_\_

Failure to correct or remove the above violations will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action which may result in revocation of licenses or registrations, fine's and/or imprisonment.

INSPECTOR SIGNATURE 



**INDIVIDUAL SEWAGE TREATMENT SYSTEM INSPECTION FORM  
AITKIN COUNTY, MINNESOTA**

Township Shamrock Date of Inspection 8/24/06 Permit Number 33150  
 Owner Wayne Bohn Parcel Number 29-0-013004  
 Project Address lot 32 Part of Gov't lot 4 Installer Ken Eddy  
 City \_\_\_\_\_ Zip Code \_\_\_\_\_ New \_\_\_\_\_ Repair

**SETBACKS:**

Buildings to tank(s) 10  
 Buildings to drainfield Existing 60'  
 Well(s) 50' or 100' 50'  
 Lake/Creek/Wetland 75' +

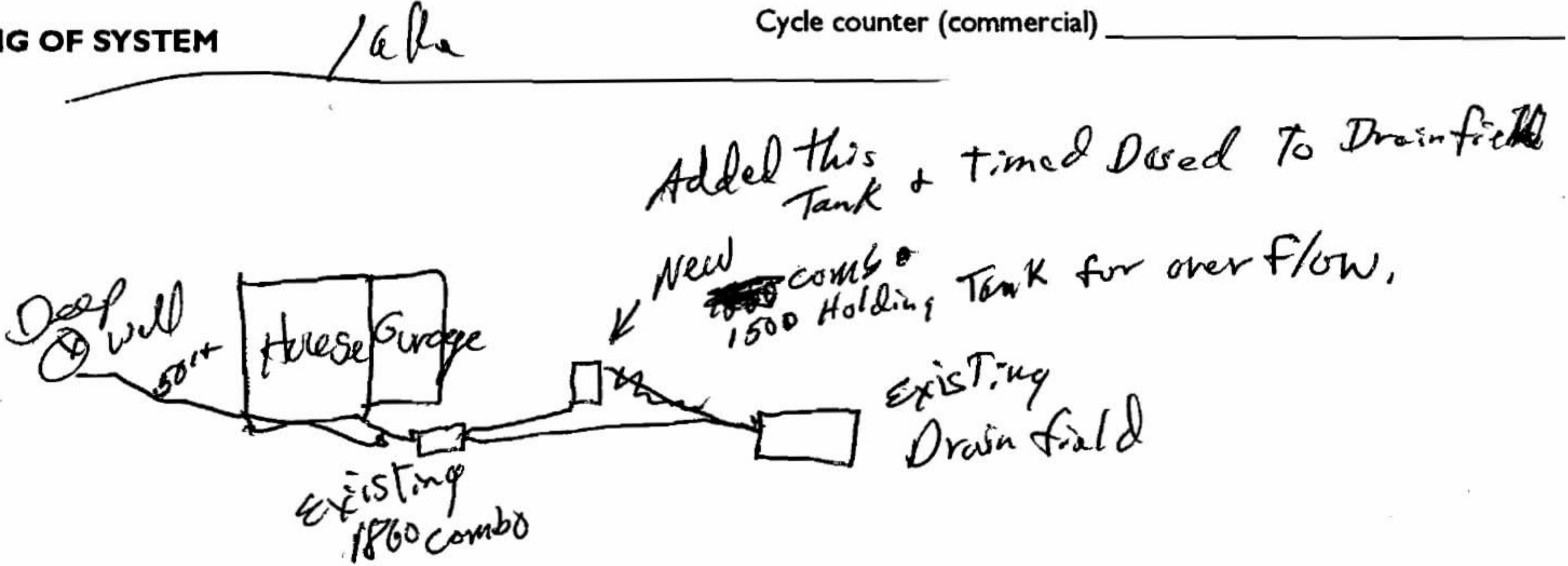
**SEPTIC TANKS:**

Liquid capacity New ~~1860~~ comb @ 1500  
 Manufacturer & type Existing 1860 Combo  
 Type of baffle pre-cast  
 Inspection pipes plastic  
 Manholes access 2-4" 2-6"  
 No. & height of risers 4  
2-6" 1-24"

**MOUNDS:**

Percent slope \_\_\_\_\_  
 Upslope dike width \_\_\_\_\_  
 Downslope dike width \_\_\_\_\_  
 Sideslope dike width \_\_\_\_\_  
 Drainfield rock below pipe \_\_\_\_\_  
 Depth of sand below rock \_\_\_\_\_  
 Perforation size & spacing \_\_\_\_\_  
 Pipe size & spacing \_\_\_\_\_  
 Dimensions of rock bed \_\_\_\_\_  
 Dimensions of sand base \_\_\_\_\_  
 Final cover \_\_\_\_\_

**DRAWING OF SYSTEM**



**DIST. or DROP BOX & TYPE**

**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**

Trench depth \_\_\_\_\_  
 Trench length \_\_\_\_\_  
 Trench bottom width \_\_\_\_\_  
 Trench bottom level \_\_\_\_\_  
 Trench spacing \_\_\_\_\_  
 Drainfield rock below pipe \_\_\_\_\_  
 Size of gravelless pipe \_\_\_\_\_  
 Depth of backfill \_\_\_\_\_  
 Absorption area: square feet \_\_\_\_\_  
 lineal feet \_\_\_\_\_

**PUMPS:**

Tank capacity 630  
 Tank manufacturer & type Joc  
 No. & height of risers 24"  
 Pump manufacturer & model# Zoller 53  
 Horsepower & GPM 4/10 - 50  
 Feet of head 14  
 Cycles per day Timed Dosed  
 Gallons per cycle \_\_\_\_\_  
 Size of discharge line \_\_\_\_\_  
 Type of electrical hookup post  
 Type & location of alarm Elec  
 Cycle counter (commercial) \_\_\_\_\_

Inspector's Comments \_\_\_\_\_

Corrective Action Required \_\_\_\_\_

Inspector's Signature [Signature] Installer's Signature \_\_\_\_\_

# FARLEY SEWER SYSTEMS

SEWER DESIGN & INSTALLATION

JAROLD R. FARLEY

230 S. Maddy Street  
McGregor, MN 55760

Bus. Lic. No. L1919  
Reg. No. 4744

**218-768-3211**

**218-839-4737** cell

To: Aitkin County Environmental Services.

ATTN: Pete

From: Jerry Farley D-1

I have been monitoring Wayne Bohn's time dose holding tank system. The timer set correctly and the 1860 gallon holding tank is about half full. The holding tank has not been pumped yet since its installation. The homeowners have been taking the readings off of the event counter every month. Their highest average month is 275 gallon per day/month and the lowest month is 69 gallon per day/month.

The pressure bed has not been leaking per the homeowner, and shows no sign of leaking. The grass and plant vegetation on and around the pressure bed are of dry variety.

This system is working very well and well under the operating permit limits. I would like to recommend that it does not need an operating permit in the future.

Thank you.

D-1 Jerry Farley



# AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

209 Second Street, NW  
Aitkin, Minnesota 56431

PH: (218) 927-7342  
FX: (218) 927-4372



July 3, 2008

RE: Septic Operating Permit #222; Zoning  
Permit # 33150; Parcel #29-0-013004

BOHN, WAYNE L  
18116 NAPLES ST NW  
ELK RIVER MN 55330

Dear Mr. Bohn:

Our office is in receipt of the Monitoring and Maintenance Results of your "Other Septic System," No. 222. The results indicate that your septic system is meeting the objectives of the Operating Permit and is reported to be operating and performing as designed. In addition, we are in receipt of a letter from the monitoring company, Farley Sewer Systems, (Jerry Farley), recommending the Operating Permit renewal requirement be removed. Therefore, Aitkin County is no longer requiring the annual renewal of your Operating Permit.

Please be aware that continued good water use management, periodic septic system maintenance and periodic visual inspections for signs of failure is still the responsibility of the landowner and that this system is not classified as a standard Individual Sewage Treatment System. Your continued diligence will help ensure the longevity and function of the septic system. Aitkin County encourages you to establish a monitoring and maintenance schedule with a qualified professional.

Sincerely,

Terry Neff  
Environmental Services Director  
Aitkin County

**AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING**  
**307 Second Street NW, Room 219**  
**Aitkin, Minnesota 56431**

PH: (218) 927-7342  
FX: (218) 927-4372  
aitkinpz@co.aitkin.mn.us



3/25/2021

Cheryl Raushel Trustee  
50476 214th Pl  
McGregor, MN 55760

Re: Operating Permit #222  
Zoning Permit # 33150  
Parcel # 29-0-013004

Dear Permittee:

Enclosed is the Operating Permit for an "Other" Septic System (formerly Experimental, Performance, Etc.) that you are petitioning Aitkin County to allow to be installed on your property instead of a standard system. Please review this permit thoroughly and become acquainted with all of the conditions, then sign the operating permit and return it to the address above.

**One provision that is often overlooked by homeowners is the State of Minnesota requirement that a water meter or other flow measuring device be installed and the results recorded by the homeowner on a REGULAR basis.**

You will receive an annual reminder notice on how to renew your operating permit before the renewal expiration deadline. This reminder notice will ask that you provide:

- 1) Recorded water meter readings**
- 2) Annual Compliance Inspection report**
- 3) Renewal application and fee**

The Service Provider/Qualified Individual is privately hired by you, the landowner. The Service Provider/Qualified Individual must review the septic system on an annual basis. This annual review would be a great opportunity to review the conditions of the Operating Permit.

Should you have any questions, please contact our office.

Thank you,  
Aitkin County Planning & Zoning

Enclosure: Operating Permit App

# AITKIN COUNTY ENVIRONMENTAL SERVICES

## OPERATING PERMIT FOR WASTEWATER TREATMENT AND DISPERSAL

**OPERATING PERMIT #:** 222

**ZONING PERMIT #:** 33150

**PARCEL #:** 29-0-013004

**PERMITTEE:** Cheryl Raushel Trustee

**MAILING ADDRESS:** 50476 214th Pl  
McGregor, MN 55760

**ORIGINAL DATE ISSUED:** 7 /20/2005

**RENEWAL PERIOD:** ANNUAL

**RENEWAL EXPIRATION:** 5 /31/2022

**PROPERTY ADDRESS:**

50476 214th Pl  
McGregor, MN 55760

**TELEPHONE:** (763) 441-8571

**LEGAL:** .70 AC LOT 4 IN DOC 161923

**FEE PAID:** 100

**DATE PAID:**

**RECEIPT:**


**CK #:**

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system located on the above described property in accordance with the requirements of this permit.

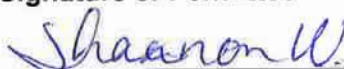
This permit is effective on the issuance date identified above. This permit and the authorization to treat and disperse from the above system shall expire on the above expiration date. The Permittee is not authorized to discharge after the above date of expiration. The Permittee shall submit such monitoring information as required by Aitkin County Environmental Services no later than thirty (30) days prior to the expiration date. When the required information is submitted and approved by Aitkin County Environmental Services, the permit may be renewed. This permit is not transferable from owner to owner.

I hereby certify with my signature as the Permittee that I understand the provisions of this operating permit including maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs and charges that may be incurred by use of this system and if I fail to comply with the provisions of this Operating Permit. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the operating permit.

  
\_\_\_\_\_  
Signature of Permittee

 SIGN HERE

3-31-2021  
Date

  
\_\_\_\_\_  
Signature of Permitting Authority

3-31-21  
Date

If you have any questions regarding this permit, including the specific permit requirements, permit reporting or permit compliance status, please contact Aitkin County Environmental Services at 218-927-7342.

**A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM**

This property would like to go from a 2 bedroom to a 4 bedroom. There is not a suitable site to add on to the pressure bed. The existing pressure bed complies so it will be used to treat 2 bedrooms of effluent. Time dosing will be added and a 1500 gallon holding tank with monitoring and maintenance plan & pumping agreement submitted.

**B. PERFORMANCE STANDARD REQUIREMENTS:**

During the period beginning on the effective date (issuance date) of this permit and lasting until this permit's expiration date, the Permittee is authorized to discharge from the wastewater treatment unit to subsurface dispersal. No surface discharge is permitted. The following parameters must be monitored and the results must be found within the compliance limits.

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENC
Flow	200 gpd dosing	Water Meter	MONTHLY	Record on Log Sheet	Annually to Aitkin Co.

**C. MAINTENANCE REQUIREMENTS:**

PARAMETER	LOCATION	FREQUENCY
Check for 3 feet of separation	Drainfield	ANNUALLY
Check for failure or surface discharge	Drainfield	ANNUALLY
Flow	Water Meter	Owner to record monthly

**D. MONITORING AND REPORTING REQUIREMENTS:**

Monitoring results obtained during each calendar year shall be submitted no later than May 31st of that year to:

Aitkin County Environmental Services  
307 2nd Street NW, Room 219  
Aitkin, MN 56431

The monitoring reports shall be signed by the Permittee. Copies are to be retained by the Permittee. Any sampling and laboratory testing procedures shall be performed in accordance with Standard Methods at a Minnesota Department of Health approved laboratory. All sampling and testing costs shall be the responsibility of the Permittee. Monitoring plans may be modified as necessary and reapproved by Aitkin County Environmental Services.

The Permittee shall notify Aitkin County Environmental Services within thirty (30) days when monitoring results do not meet the monitoring plan requirements of this permit.

The owner has secured the services of --- as the Service Provider or qualified individual for this system. The Service Provider or qualified individual is hereby authorized to report the required monitoring data and routine maintenance service records to Aitkin County Environmental Services.

**E. MITIGATION PLAN:**

- 1) If weeping occurs; lower dosing rate, lower water usage, or increase distribution area. Waste strength: if fecals exceed limit -reduce effluent strength, increase retention time or add disinfection.
- 2) A different or another Performance or Other System may be installed at the owner's expense.
- 3) If in the event that this system should fail and if there is no other ISTS option available, then Holding Tanks must be installed, to be pumped by a licensed Pumper with a contract.

# AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

307 Second St NW, Room 219  
Aitkin, Minnesota 56431

(P): (218) 927-7342  
(F): (218) 927-4372  
(E): aitkinpz@co.aitkin.mn.us



8/2/2022

Cheryl Raushel Trustee  
50476 214th PI  
McGregor, MN 55760

Re: Operating Permit # 222  
Zoning Permit # 33150  
Parcel ID# 29-0-013004

Dear Permittee:

This letter is to remind you that the Operating Permit for the septic system at the above mentioned parcel is due for renewal this year by September 30th. The enclosed Operating Permit was issued as part of the permit for your septic system and must be renewed.

The Operating Permit for the current renewal period is enclosed. If there are no changes to the current Operating Permit, please submit all of the following to the County Office to renew the Operating Permit: (If any boxes below are checked, then we have received that item.)

- Signed Operating Permit (enclosed)
- \$150 permit renewal fee (a \$50 late fee will apply if not paid by 9/30/22)
- Monitoring and maintenance activities report by Service Provider
- A table of your water usage

If your designer finds the system is operating in conformance with the Operating Permit, please have him/her submit a letter requesting to have the Operating Permit renewed for a longer period or to request terminating the Operating Permit. Our Office will determine if this is possible.

The performance and life expectancy of this septic system is dependent on regular monitoring and maintenance of all parts of the system. Your compliance with the Operating Permit will ensure continued performance of the system. Failure to perform the monitoring and maintenance of this system could cause costly repairs and/or replacement of this system. In addition, failure to comply with the monitoring, maintenance and reporting of the septic system is a violation of the Aitkin County's Subsurface Sewage Treatment System Ordinance and could be prosecuted by the County Attorney's Office.

All information required must be submitted to this Office by the expiration date referenced on your Operating Permit. We are notifying you to give you sufficient time to contact your Service Provider and make any necessary changes, have samples taken and tested, tanks pumped, and any other activities that were required to meet the requirements of your permit.

Please contact our office with any questions regarding the renewal of this permit.

Sincerely,

Aitkin County Planning & Zoning



YEARLY MONITERING REPORT

To: Aitkin county Planning and zoning.

From: Jerry Farley

PERMIT NO. 222

Parcel I.D. # 29-0-013004

Permitte: Cheryl Raushel

Address 50476 214<sup>th</sup>. Pl.. McGregor, Mn. 55760

I have been monitoring this time dose holding tank that pumps up into a pressure bed septic system since the Raushel's have purchased this property. I watch For any changes in operation-no changes have been made. I have been monitoring the event counter at the time dose panel. The water reading still average out to 100-150 gallons per day. The tanks are pumped out on a regular basis. The tanks are in good shape.

I walked around the treatment are there are no signs of ponding or leaking. The pressure bed has 3' plus of separation.

In conclusion this system is working normal and I will continue to monitor it.

Signed by:

Lic. #: 1919

Date: 8/17/2022



Invoice #55985 (08/25/2022)

2. Zoning/Land Use Permit Applications Misc. (OFFICE USE ONLY) App. # App-2022-009419, UID # 206223

Cheryl Raushel

(000) 000-0000

50476 214th Pl, McGregor, MN 55760

Aitkin County Planning & Zoning / Environmental Services

307 Second St. NW Room 219

Aitkin, MN 56431

Phone: 218-927-7342

Fax: 218-927-4372

Email: aitkinpz@co.aitkin.mn.us

Charge		Cost	Quantity	Total	Note
Operating Permit Renewal added 08/25/2022 9:49 AM \$150		\$150.00	x 1	\$150.00	
<b>Grand Total</b>				<b>Total</b>	<b>\$150.00</b>
<b>Payment #50052</b>					
<b>Method:</b>	Check		11905		
<b>Date:</b>	08/25/2022	<b>Note:</b>	OP# 222 2022 renewal		
<b>Made By:</b>	Cheryl Raushel				
<b>Confirmed By:</b>	Shannon Wiebusch				

**AITKIN COUNTY ENVIRONMENTAL SERVICES  
OPERATING PERMIT FOR WASTEWATER  
TREATMENT AND DISPERSAL RENEWAL**

**ISSUANCE DATE:**

9/30/2022

**RENEWAL PERIOD:**

ANNUALLY

**OPERATING PERMIT #: 222**

**ZONING PERMIT #: 33150**

**PARCEL #: 29-0-013004**

**PERMITEE:**

Cheryl Raushel Trustee

**MAILING ADDRESS:**

50476 214th Pl

McGregor, MN 55760

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system located on the above described property in accordance with the requirements of this permit.

This permit is effective on the issuance date identified above.

This permit and the authorization to treat and disperse from the above system is valid through the renewal period identified above. The Permittee is not authorized to discharge after the renewal period. The Permittee shall submit such information and forms as required by Aitkin County Environmental Services no later than thirty (30) days prior to the expiration date. When the required information is submitted and approved by Aitkin County Environmental Services, the permit may be renewed. This permit is not transferable from owner to owner.

If you have any questions regarding this permit, including the specific permit requirements, reporting, monitoring or permit compliance status, please contact Aitkin County Environmental Services at 218-927-7342.

***I hereby certify with my signature as the permittee that I understand the provisions of this permit including the maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs and charges that may be incurred by use of this system and if I fail to comply with the provisions of this Operating Permit. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the permit.***

Signature of Permittee Cheryl Raushel Date 8-15-22

Signature of Permitting Authority Shannon W. Date 8-24-22

# WATER METER READINGS

Permittee: Cheryl Rawshel Parcel ID#: 29-0-013004

Operating Permit #: 222 Property address: 50476 214<sup>th</sup> PL Mcgregor

**Directions:** A requirement of the operating permit is to record the meter readings on the flow measuring devise installed on your septic system. Readings should be recorded at least once a month by the owner. Report these readings to Aitkin County Zoning or to your Maintainer at the time of operating permit renewal.

Date	Meter Reading	Date	Meter Reading	Date	Meter Reading
3-30-21	010328			6-25-22	011763
4-30-21	010329			7-13-22	011863
5-31-21	010405			8-3-22	011912
6-30-21	010495			8-15-22	012067
7-31-21	010605				
8-25-21	010724				
<del>8-25-21</del>	<del>010842</del>				
9-25-21	010842				
10-17-21	010969				
11-1-21	011051				
11-25-21	011197				
12-14-21	011293				
1-8-22	011433				
1-24-22	011528				
2-10-22	011533				
3-1-22	011533				
3-16-22	011533				
4-01-22	011534				
4-19-22	011534				
→ 4-20-22					
5-20-22	011618				
6-5-22	011677				

Frozen Pipe

Pumped

Frozen

Turned back on

**AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING**  
**307 Second Street NW Room# 219**  
**Aitkin, Minnesota 56431**

PH: (218) 927-7342  
FX: (218) 927-4372



8/24/2022

Cheryl Raushel Trustee  
50476 214th Pl  
McGregor, MN 55760

Re: Operating Permit # 222  
Zoning Permit # 33150  
Parcel # 29-0-013004

Dear Permittee:

This letter is to inform you that your Operating Permit has been renewed until 9/30/2023 .

Please adhere to your monitoring and maintenance contract including monitoring your water use. Failure to do so would violate the agreement to operate your system and could void the operating permit. You should contact your Operation and Maintenance provider directly with questions that you may have during the year.

Thank you for your good stewardship and we hope that your system continues to operate well, protecting groundwater for you and the environment.

Sincerely,

*Shannon W.*

Aitkin County Planning & Zoning



Aitkin County Environmental Services – Planning & Zoning

307 2<sup>nd</sup> Street NW, Room 219

Aitkin, MN 56431

(P) (218) 927-7342

(F) (218) 927-4375

(E) aitkinpz@co.aitkin.mn.us

July 31, 2023

Re: Operating Permit # 222

Zoning Permit # 33150

Parcel # 29-0-013004

Cheryl Raushel Trustee  
50476 214th Pl  
McGregor, MN 55760

Dear Permittee:

This letter is to remind you that the Operating Permit for the septic system at the above-mentioned parcel is due for renewal by September 30, 2023. The enclosed Operating Permit was issued as part of the permit for your non-standard septic system and it must be renewed.

All information listed in the application enclosed must be submitted to our office by the expiration date. Incomplete applications will be returned. We are notifying you to give you sufficient time to contact your service provider/inspector for the monitoring/maintenance activities that are required under this operating permit.

If your service provider/inspector finds the system is operating in conformance with the Operating Permit, please have them submit a letter requesting to have term of the operating permit extended for a longer period or to request terminating the operating permit. Our office will determine if this is possible.

The performance and life expectancy of this septic system is dependent on regular monitoring and maintenance of all parts of the system. Your compliance with the operating permit will ensure continued performance of the system. Failure to perform the monitoring and maintenance of this system could cause costly repairs and/or replacement of this system. Failure to comply with the monitoring, maintenance and reporting of the septic system is a violation of the Aitkin County Subsurface Sewage Treatment System Ordinance and could result in prosecution by the County Attorney's office.

Please contact our office with any questions regarding the renewal of this operating permit and your septic system.

Sincerely,

Shannon Wiebusch  
Office Assistant  
Aitkin County Planning & Zoning  
shannon.wiebusch@co.aitkin.mn.us  
218-927-7342

Enclosure: Operating Permit Renewal Application



Invoice #58508 (08/25/2023)  
 Misc. (OFFICE USE ONLY) Permit # 2023-0823, App. # App-2023-000957, UID # 208814  
 CHERYL RAUSHEL  
 (000) 000-0000  
 50476 214TH PL, MCGREGOR, MN 55760

Aitkin County Planning & Zoning / Environmental Services  
 307 Second St. NW Room 219  
 Aitkin, MN 56431  
 Phone: 218-927-7342  
 Fax: 218-927-4372  
 Email: aitkinpz@co.aitkin.mn.us

Charge	Cost	Quantity	Total	Note
Operating Permit Renewal added 08/25/2023 10:01 AM	\$150.00	x 1		\$150.00
<b>Grand Total</b>			<b>Total</b>	<b>\$150.00</b>

Payment #51495

**Method:** Check 12060  
**Date:** 08/25/2023 **Note:** OP 222 2023 RENEWAL

**Made By:** CHERYL RAUSHEL

**Confirmed By:** Shannon Wiebusch

**Aitkin County Environmental Services  
Planning & Zoning**

307 Second St. NW Room 219  
Aitkin, MN 56431  
218-927-7342  
aitkinpz@co.aitkin.mn.us

**Subsurface Sewage Treatment System  
Operating Permit Renewal Application**

Use this application to renew an operating permit.

<b>Operating Permit #</b>	222	<b>Zoning Permit #</b>	33150		
<b>Issuance Date:</b>	9/30/2023	<b>Expiration Date:</b>	9/30/2024	<b>Renewal Term:</b>	ANNUALLY

<b>Site Information</b>					
<b>Property ID:</b>	29-0-013004				
<b>Property Address:</b>	50476 214th Pl	<b>City:</b>	McGregor	<b>Zip:</b>	55760
<b>Service Provider or Inspector Name:</b>	Unknown	<b>License #:</b>			

<b>Contact Information</b>							
<b>Permittee Name:</b>	Cheryl Raushel Trustee						
<b>Mailing Address:</b>	50476 214th Pl	<b>City:</b>	McGregor	<b>State:</b>	MN	<b>Zip:</b>	55760
<b>Email:</b>	grootymom_4@yahoo.com		<b>Phone:</b>	218-839-7507			

**Include with this completed renewal application the following items:**

- Table of Water Usage (Flow Monitoring Report)
- Maintenance & Monitoring Report by your Service Provider/Inspector
- Renewal Fee: **\$150** Due Date: **9/30/2023** Please make check payable to: Aitkin County

*Notice of Late Fee: If your completed application and renewal fee are not received or postmarked by the due date, add a \$50.00 late fee.*

**Monitoring Protocol**

Any sampling and laboratory testing procedures shall be performed in accordance with the proprietary treatment product's protocol, Standard Methods, and at a Minnesota Department of Health approved laboratory. Results shall be submitted to the permitting authority at: Aitkin County Environmental Services, 307 2<sup>nd</sup> St NW, Room 219, Aitkin, MN 56431 no later than the expiration date listed.

**Contingency Plan**

In the event the wastewater treatment system does not meet required performance requirements as contained in this operating permit, the owner shall notify Aitkin County Environmental Services within thirty (30) days of receiving non-compliant information. The owner is responsible to obtain the services of a Minnesota Pollution Control Agency (MPCA) licensed Service Provider or other qualified inspector to complete the required corrective measures.

**Authorization**

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system at the address named above in accordance with the requirements of this operating permit, attached Management Plan and contract with the Service Provider/Inspector.



This permit is effective on the issuance date and term identified above. This permit and the authorization to treat and disperse wastewater shall expire on the expiration date identified above. The Permittee is not authorized to discharge after the above date of expiration. The Permittee shall submit monitoring and maintenance information on forms as required by Aitkin County Environmental Services prior to the above date of expiration for operating permit renewal. If not renewed within ninety (90) calendar days of the expiration date, it may be required that the system be abandoned in accordance with MN Rule 7080.2500. This permit is not transferable as to person or place.

The owner is required to obtain the services of a Minnesota Pollution Control Agency (MPCA) licensed and trained: 1) Service Provider or Inspector to provide ongoing system operation, maintenance, and monitoring and 2) Maintainer to pump the system's sewage tanks and components. The owner is responsible to provide the name of the Service Provider or Inspector business prior to the issuance of this operating permit. The owner has secured the services of **Unknown** as the Service Provider or Inspector for this system. The Service Provider or Inspector is hereby authorized to provide the required monitoring data and routine maintenance service records to both Aitkin County Environmental Services.

[For systems that generate high strength wastewater, the following items should be added to the operating permit: "If there is a change of use within the facility (i.e., change in menu, increase in food capacity, change in water use fixtures, etc.), the permittee is required to notify Aitkin County Environmental Services and the Service Provider before any changes occurs. Changes to the facility that could potentially impact performance of the wastewater treatment and dispersal system shall not take place until appropriate evaluation has been completed."]

I hereby certify with my signature as the Permittee that I understand the provisions of the wastewater treatment and dispersal system operating permit including maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs and charges that may be incurred by the use of this system. If I fail to comply with the provisions of this operation permit, I understand that penalties may be issued. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the operating permit.

Permittee (please print):	Cheryl Rauschel		Permitting Authority (please print):	P+Z / Shannon Wiebusch		
Title:	Date:	8-25-23	Title:	office Assistant	Date:	8-25-23
Permittee Signature:			Permitting Authority Signature:			
	Permittee Signature			Aitkin County Representative Signature		

Permitee: Cheryl Raushel

Parcel Id 29-0-01 3004

Operating Permit #222

Property address: 50476 214th Pl McGregor, MN

Date	Meter Reading		Date	Meter Reading
9-9-2022	012220		8-25-23	013425
<del>9-26-2022</del>	012324			
10-7-2022	012360			
10-31-2022	012489			
11-22-2022	012608			
12-05-2022	012687			
12-27-2022	012730			
1-11-2023	012818			
1-15-2023	012840			
1-22-2023	012843			
2-)	-			
3- } frozen	-			
4- )	-			
5-9-2023	Unthawed			
5-12-2023	12863			
6-2-2023	12952			
6-19-2023	13005			
7-1-2023	13093			
7-18-2023	13192			
8-4-2023	13296			

Had pumped each month



SEWER DESIGN & INSTALLATION

JAROLD R. FARLEY

P.O. Box 472  
McGregor, MN 55760

Bus. Lic. No. L1919  
Reg. No. 4744

**218-839-4737** cell

Yearly Monitoring Report

To: Aitkin County Planning And Zoning

From: Jerry Farley

PERMIT NO. 222

Parcel I.D.:29-0-013004

Permittee: Cheryl Raushel

Address 50476 214<sup>th</sup>. Pl., McGregor, Mn.55760

I have been monitoring this time dose system that pumps up into a two bedroom sized pressure bed. Since the Raushel's have purchased this property I watch for any changes in operation That would effect this System-No changes have been made. I have been monitoring the event counter at the dose panel and The water usage is still average out to 100-150 gallons per day. The tanks have been pumped out yearly and are still in good condition.

I walked around the treatment area and there are no signs of leakage and I will continue to monitor it.

In conclusion this system is working normal and I will continue to monitor it.

Signed By:

A handwritten signature in blue ink, appearing to read "Jerry Farley", is written over the "Signed By:" label.

Lic. # L-1919

Date: 08/24/2023

**AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING**  
**307 Second Street NW Room 219**  
**Aitkin, Minnesota 56431**

Phone: (218) 927-734  
Email: aitkinpz@co.aitkin.mn.us



8/25/2023

Cheryl Raushel Trustee  
50476 214th Pl  
McGregor, MN 55760

Re: Operating Permit # 222  
Zoning Permit # 33150  
Parcel # 29-0-013004

Dear Permittee:

This letter is to inform you that your Operating Permit has been renewed until 9/30/2024 .

Please adhere to your monitoring and maintenance contract including monitoring your water use. Failure to do so would violate the agreement to operate your system and could void the operating permit. You should contact your Service Provider/Inspector directly with questions that you may have during the year.

Thank you for your good stewardship and we hope that your system continues to operate well, protecting groundwater for you and the environment.

Sincerely,

A handwritten signature in cursive script that reads "Shannon W.".

Aitkin County Planning & Zoning