PERMIT MUST BE POSTED AT THE CONSTRUCTION SITE

Becker County Planning & 835 Lake Ave, P O Box 7
Detroit Lakes, MN 56502-078/



Onsite Septic	System Site E	Evaluation/Des	· ~ n	none (218)-846 el Number $\frac{18}{18}$	MAMMA	~ i 011 A	Idenaga 1/00 3	32-140 th Auc	
Legal Description: Pt SE'/4 SE'/4 SE'/4 SE'/4 Se NE Name Lake Name Lake Classification () RD() GD() NE Township Name Lake Park									
Owner's Name AR/ENTLaVONNE Nelson Address 19032 140 # Ave.									
City Lake Pack, MN State/Zip 36544 Phone Number									
Number of Bedrooms 3 Well Casing Depth ON Site Garbage Disposal (Yes) (No)									
Design Flow	Design Flow 450 GPD Depth of other Wells within Grinder Pump/Lift Station								
	ust be classifie	ed as Type 1) e Pit Boring		00 ft of system	N//9	· · · · · ·	in House	(res) (NO)	
		Compacted So		Propos	ed Design		Type of Drai	nfield	
) Replace Sep	tic Tank			Q36 other	
Depth to Rest	epth of Systen	n <u>/ ′</u>	()	() Septic Tank		() Stan		oth	
Perc Rate 9	<u>, 9 </u>	izing Factor /		,	Drainfield Only () Standar			ard gravelless id () Standard Bed	
			•) Holding Tan /) Lift Station	lK			() At Grade	
SOTI BOD	RING LOG		VX	• •	RING LOG	W 110			
DEPTH	VIII LOG	COLOR &		DEPTH		COLOR &		Type of alarm	
(INCHES)	TEXTURE	MUNSELL NO.	STRUCTURE	(INCHES)	TEXTURE	MUNSELL NO.	STRUCTURE	Device on lift Station or	
0-11	Sarry	TOP	BLOCKY PLATY PRISMATIC	13-10	Sordy	TOP	BLOCKY PLATY PRISMATIC	Holding tank	
074	Loan	50.1	NONE BLOCKY	0-13	Loan		NONE		
111	Sondy	IDYR	PLATY	10 -	Sordy	JOYR	PLATY		
14-32	Loom	5/4	PRISMATIC NONE	13-30	Loan	5/4	PRISMATIC NONE	Attach perc test	
	,	10-1R	BLOCKY PLATY		i	JOYR	PLATY	Information if	
32-48	Loan	5/3	PRISMATIC	30.48	Loom	3/3	PRISMATIC NONE	Required	
			NONE BLOCKY				BLOCKY		
48"	Sho Hline	<u> </u>	PLATY PRISMATIC	48"	Mothina		PLATY PRISMATIC		
1 -			NONE work in acco	rdance with ap	plicable ordin	ances, rules ar	NONE d laws.	Į	
-	•				phonoic orani				
Name and Address of Designer Dan Schlauberaff Phone 218 847-6247									
MPCA Number Date of Site Evaluation Signature of Designer An									
Name of Installer (if different from Designer) Spadoe Reidae Rushin MPCA Number									
"FUR USE BY DECKER COUNTY ENVIRONMENTAL BERVICES DEFINITIONS TO START									
*** Any changes to the permit must first be approved by Becker County Planning & Zoning. No system shall be covered up									
without inspection by Becker County Planning & Zoning.									
*** Inspections must be scheduled at least 24 hours prior to time requested.									
Date Received 8.13.02 Application Fee 75°0 Fine 75°0 Total 75°0									
Application is hereby denied									
[Application is hereby defiled Application is hereby granted to Application is hereby defiled Application is hereby granted to Applica									
Order of ty									
$1 \cdot N_0 = X_1 \cdot X_1 = X_1 \cdot X_2 \cdot X_3 \cdot X_4 \cdot X_4 \cdot X_5 \cdot $									
Signature of Becker County Qualified Employee Date Permit Issued Permit Number This permit expires on									
I i his permit e	expires on \sim		~ C)	10.00					

The site plan must be drawn to dimension or to scale: *Dimensions of Lot	*Easements & setbacks *Tank Access Route *Distance from buildings	*Scale - One inch =ft *Location of any Unsuitable Soil *Soil Borings & Per Test Locations *Alternate Drainfield Location
	losto de dugin	geotestile to be installed
	20 500 500 500 500 500 500 500 500 500 5	10 rised SBR 10 De installed
	X 24 yds rock	B/W all Sch40
	Supplied by Agg. Ind (fa	irgo) Aress 8
* Jerdel Will provide pictures for file	1.	FT. IN GROUND
	4/	10 H. P. Pump W/Elec.
	190 ST.	
Tank Tank* Drainfie (estimated) Distances to Well Distance to Building Distance to Property Line Distance to Pressure Line Distance to Ordinary High Water	ted) (actual)* 150 NA NA	*For office use only Tank size 1000 Lift station size 500 1500 ² Drainfield size 600 112 Pump HP 4 110 hp ABS Date Installed 8.27.00
FOR USE BY BECKER COUNTY ENV	IRONMENTAL SERVIC	ES DEPARTMENT ONLY
() Certificate Is Hereby Denied () Certificate is Hereby Granted Based upon the Application With property maintenance, this system can be expected to fi		

Signature
(Certificate of Compliance is not valid unless signed by a Registered Qualified Employee)

- PERCOLATION TEST SHEET -Date test hole was prepared: Test hole location Depth of hole bottom: inches inches Diameter of hole: Soil Data from test hole: depth, inches soil texture: soil color Method of scratching sidewall: BRAW/ Noils Depth of pea size gravel in bottom of hole: 2 _Depth of initial water filling: /// ____above hole bottom Date and hour of initial water filling: BAM 8-10 Method used to maintain 12" of water depth in hole for 4 hours: Percolation test started at 12 (am /pm). Percolation test conducted by; Dan inches Maximum water depth above hole bottom during test: conversions WATER DROP WATER DROP (decimal) PERC RATE CALCULATION INTERVAL (MINUTES) WATER TIME DEPTH (fraction) 1/16 = .061/8 = .13START DROP (Decimal) 10--3/16 = .191/4 = .25REFILL <u>,94</u> = <u>//</u> DROP PE 7/16 10 5/16 = .31REFILL 3/8 = .38*LD*___ 7/16 = .44REFILL DROP PERC 1/2 = .59/16 = .56 \mathbf{E} $\frac{\frac{1}{3}}{\frac{DROP}{(Decimal)}} = \frac{1}{3}$ REFILL 61/8 10___ 5/8 = .63 \mathbf{F} 93 REFILL $\frac{1.06}{\text{DROP}} = \frac{9.3}{\text{PERC}}$ (Decimal) 11/16 = .69LO___ 3/4 = .75REFILL DROP PERC 13/16 = .81[_0___ 7/8 = .88REFILL \mathbf{H} DROP PERC 15/16 = .94

Ten Percent Calculation *

(Decimal)

A,B,C	B,C,D
Largest # of ABC Smallest # of ABC	Largest # of BCD Smallest # of BCD
Smallest # of ABC x 0.10 =	Smallest # of BCD × 0.10 =
C,D,E	D,E,F
Largest # of CDE Smallest # of CDE	Largest # of DEF Smallest # of DEF
Smallest # of CDE × 0.10 =	Smallest # of DEF × 0.10 =
E,F,G	F,G,H
Largest # of EFG Smallest # of EFG	Largest # of FGH Smallest # of FGH
Smallest # of EFG × 0.10 =	Smallest # of FGH × 0.10 =

^{*} If the top number in each set of boxes is larger than the bottom number then take another reading. If the top number is equal or smaller than bottom number, average the three numbers for the perc rate.