New

Preliminary & Field Evaluation Form

Type III Mound

www.SepticResource.com vers 12.4

Owner Information								
Date	11/29/2023			Sec / Twp / Rng	S-34, T-50, R-	23		
Parcel ID	32-1-061900			LUG (county, city, township)	Aitkin Co.			
	Wendy Gamac	:he		Owners address (if different)				
Property Address:			or MN 55760	10 Farmstea	d Rd			
				•				
City / State / Zip:				ESKO IVIIN 55	733			
		Flow Inf	ormation a	nd Waste Type / Strength				
		FIOW AIII	ormation a	nd waste Type / Strength				
Estimated Design fl	ow300			Anticipated Waste strength	Hi Strength '	✓ Domestic		
Comments	ma III Massad			Any Non-Domestic Waste	Yes (class V)	✓ No		
Type III Mou	rpe III Mound and 8" to mottles			Sewage ejector/grinder pump	Yes	☑ No		
May require a vari				Water softener	Yes	☑ No		
	property line. r's (East & West) mound roo	kbeds are	Garbage Disposal	Yes	✓ No		
Less than 15 ft to pr		operty line.		Daycare / In home business	Yes	✓ No		
Follow Aitkin Cour	nty Operating p	ermit requi	ments.					
			Ct. T	6				
			Site I	nformation				
Existing & propose improvements locat		Yes	✓ No	Well casing depth Existing	ng Deep and Sh	nallow wells		
Easements on lot lo (see site map)	ocated	Yes	☑ No	Drainfield w/in 100' of residential well	Yes	☑ No		
Property lines deter (see site map)		✓ Yes veyed	☐ No	Site w/in 200' of transient noncommunity water supply (T	Yes	✓ No		
Req'd setbacks dete (see site map)	ermined	Yes	✓ No	Site w/in an inner wellhead mgmt zone (CWS/NTNCWS)	Yes	☑ No		
Utilities located & gopher state one call		Yes	✓ No	Buried water supply pipe w/in 50' of system	Yes	☑ No		
Access for system (shown on site map)	maintenance	✓ Yes	□ No	Site located in Shoreland (w/in 1000' of lake, 300' of river)	✓ Yes	☐ No		
Soil treatment area	protected	✓ Yes	☐ No	Site map prepared with previous items included	✓ Yes	☐ No		
Construction relate	ed issues	New mou	nd West berm	will be right on the West prop	erty line			
		West Neig	ghbor's mound	is to the East property line. (He is Ok with b	erm on line)		
	May need a variance for Aborpsion width 10 ft from property line (Code is 15 ft)							

	· Soil Information						
Original soils	☐ Yes	☑ No	Evidence of site: Cut Filled Compacted Disturbed	☐ Yes ☐ Yes ☐ Yes ☑ Yes	✓ No ✓ No ✓ No ☐ No		
Soil logs completed and attached	✓ Yes	□ No	Perk test completed and attached (if applicable)	Yes	✓ No		
Soil loading rate (gpd/ft ²)	0.60		Percolation rate (if applicable)		-		
Depth/elev to SHWT Depth to system bottom	8" (+ 36"	<u> </u>	Flooding or run-on potential (comments)	☐ Yes	☑ No		
maximum (or elev minimum) Depth/elev to standing water (if applicable)	-		Flood elevation (if applicable)	,	_		
Depth/elev to bedrock (if applicable)			Elevation of ordinary high water level (if applicable)	1216.5	_		
Soil Survey information determined (see attachment)	✓ Yes □ No		Floodplain designation and elev - 100 yr/10 yr (if applicable Estimated Mound Area Elevation 1	Co. GIS Map			
Differences between soil survey and field evaluation (if applicable)							
	-)						
I hereby certify this evaluation wa	s completed	d in accordance	e with MN 7080 and any local req's	:			
Designer Signature	o complete		mer Septic LLC.		L-1347		
Designer Signature		Comp	pany		License #		

Soil Observation Log

			Owner Info	rmation	www.S	SepticResourc	e.com vers 12.4
Property Own	er / project:	Wendy Gan			Date	11/2	9/2023
Property Addi	ress / PID:	52805 Loon	Ave. McGregor	MN 557			
			0.00	C 4.		As alteralized a	ail auman
			Soil Survey In	ntormation		to attached s	on Survey
Parent matl's:		✓ Till	Outwash	Lacustrine A	lluvium 🗌 O	rganic	☐ Bedrock
landscape pos	sition:	Summit	Shoulder	Side slope	Toe slope		
soil survey ma	ap units:	504B		slope ()	% direction-		-
			Soil Lo	.a #1			
		Boring	Soil Lo		Depth to SHWT	8"	
Depth (in)	Texture	fragment %		96.8' redox color	consistence	grade	shape
0 - 5	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular
5 - 8	Silt Loam	<35	10YR 5/3		Friable	Loose	Blocky
8 - 12	Silt Loam	<35	10YR 5/3	7.5YR5/6	Friable	Loose	Blocky
Comments:							

52805 Looi	2805 Loon Ave. McGregor MN 55760 Soil Log #2						
9	✓ B	oring	Pit Elevation	96.9'	Depth to SHWT	8"	
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0 - 5	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular
5 - 8	Silt Loam	<35	10YR 5/3		Friable	Loose	Blocky
8 - 12	Silt Loam	<35	10YR 5/3	7.5YR5/6	Friable	Loose	Blocky
				29			
52805 Loo	n Ave. McGrego	or MN 5576	50 S	oil Log #3			
	☑ Bo	oring Pi	t Elevation	96.9'	Depth to SHWT	8"	
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0 - 5	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular
5 - 8	Silt Loam	<35	10YR 5/3		Friable	Loose	Blocky
8 - 12	Silt Loam	<35	10YR 5/3	7.5YR5/6	Friable	Loose	Blocky

I hereby certify this work was completed in accordance with MN 7080 and any local reg's.

Designer Signature

Designature

Designer Signature

Designature

Designa

Brummer Septic LLC.

L-1347

License #

52805 Loo	n Ave. McGrego	or MN 5576	0 S	oil Log #4			
	✓ E	Boring	Pit Elevation	96.9'	Depth to SHWT	8"	
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0 - 5	Topsoil Loam	<35	10YR3/2		Loose	Loose	Granular
5 - 8	Silt Loam	<35	10YR 5/3		Friable	Loose	Blocky
8 - 12	Silt Loam	<35	10YR 5/3	7.5YR5/6	Friable	Loose	Blocky
- 1							
52805 Loo	n Ave. McGrego	or MN 5576	0 S	oil Log #5			
	□ вс	oring Pi	t Elevation		Depth to SHWT		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive

I hereby certify this wo	rk was completed	in accordance with Ml	V 7080 and ar	ny local req's
--------------------------	------------------	-----------------------	---------------	----------------

V/141/M	mm
Designer Signarus	

Brummer	Septic	LLC.
Company		

L-1347	
License	#

2011 purple code

Mound Design - Aitkin county

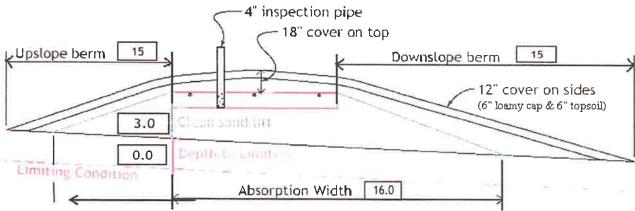
www.SepticResource.com (vers 15.2)

	Property Owner:	Wendy Gamache	Date: 11/29/2023
	Site Address:	52805 Loon Ave. McGregor MN 55760	PID: 32-1-061900
	Comments:	Type III Mound (8" to mottles and on Disturb	ped soils).
instruc	ctions: = ent	er data = adjust if desired	= computer calculated - DO NOT CHANGE!
1)	2 bedroom	Type III Residential	System
2)	300 GPD design f	low	
3)	No Garbage disp	osal or pumped to septic Install 1650 J	acobson 2/Compartment Septic/Pump Tank.
4)	1000 Gal Septic ta		eptic tank (design size / LUG req'd) options: none
5)	1.2 GPD/ft ² mou	nd sand loading rate contour loading	rate of 12 req's a min 25 ft. long rockbed
6)	6.0 ft rockbed v	vidth 42.0 ft rockbed length	
7)	3.0 ft lateral spa		(maximum of 3 for both) fold connection
8)	2 laterals	40.0 feet long 14.0 perfs / latera (1/2 a perf means the	e first perf starts at the middle feed manifold)
9)	1/4" inch perfs at	1 feet residual head gives 0.74	gpm flow rate per perforation
	for this perf size & s	pacing, & pipe size on line 12, max perfs/late	ral = 16, line #8 must be less> OK
10)	6.0 doses per da	y (4 minimum)	
11)	50 gallons per c	dose (treatment volume)	1.50 5x
12)	1.50 inch diamete	er laterals must be used to meet "4x pipe volu	
13)	30 feet of	2.0 inch supply line leads to 5	gallons of drainback volume (Tip: "top feed" manifold to control the drainback)
14)	55 gallons TOTA	AL pump out volume (treatment + drainback)	
15) 16)	12 feet vertical 21 GPM @	lift from pump to mound laterals, leads to a: 18 feet of head, Pump requirement	(note: >50gpm may require an extra 3-6' of head)
17)		k (code minimum) 533 gal Dose tani	k (design size / LUG req'd) at 12.69 gpi
18)		on Demand float, or timed dosing of 2.6 Average flow, =70% of Peak design flow) 6	min ON (confirm pump rate with drawdown hrs OFF test and adjust as necessary)
19)		bottom of tank to "Pump OFF" float	
20)		bottom of tank to "Pump ON" float, or bottom of tank to "Hi Level" float, or 29	
21)			_
22)	292 gallons rese	rve capacity (after High Level Alarm is activa	ated)

23)	0.60 gpd/ft ² Absorption area Soil Loading Rate, which gives a mound ratio of (this must match the soil boring log) desired mound ratio 2.0
24)	0 percent site slope (0-20% range) 0 (% downslope site slope, if different than upslope)
25) 26)	o inches, or 0.0 ft. to Redox or other limiting condition (need at least 12" to be a Type I) Treatment zone contains 0 inches of 0% soil credit, and 0 inches of 50% soil credit. Giving a: inch, or 3.0 ft. Sand Lift Mound CRITICAL FOR FUTURE CERTIFICATIONS!!!
27)	12.0 ft. base absorption width (with sand beyond rockbed as follows:)
29) 30) 31)	16.0 greater of: absorption width OR sand slope 3.0 ft. upslope and sideslope sand upslope 5.0 3.0 ft. Downslope sand down slope 5.0 Individual slope ratios give BERM widths (topsoil beyond rockbed) of: 3:1 upslope ratio 15 ft. upslope berm 3:1 sideslope 15 ft. sideslope berms 4 downslope 15 ft. downslope berm
32)	Overall Dimensions: 6.0 ft. wide by 42.0 ft. long Rock bed ft. wide by 72 ft. long Mound footprint
	Upslope berm 15 Downslope berm 12" cover on sides (6" loamy cap & 6" topsoil) 3.0 Clean Sand tift 0.0 Depth to Entiring Absorption Width is measured from the Bed equally in both directions. For slopes > 1%, Absorption Width is measured downhill from the upslope edge of the Bed.
33)	Rock Bed: 6.0 ft. by 42.0 ft. by 9 inches under pipe, plus 20% gives 12 yd or *1.4= 17 ton
34)	Mound Sand: (note: volume is based on 3:1/4:1 slope from top of rockbed, Exchange sand for loamy cap if desired) 58.7 up + 58.7 downslope + 10.7 ends + 28.0 under rock = 187 yd ³ or *1.4= 262 ton plus 20%
35)	Loamy Cap: 32 ft. by 68 ft. 6" deep, plus 20% gives 49 yd or *1.4= 69 ton
36)	Topsoil: 36 ft. by 72 ft. 6" deep, plus 20% gives 58 yd3 or *1.4= 81 ton
	I hereby tertify that I have completed this work in accordance with all applicable ordinances, rules and laws.
1	Brummer Septic LLC. L-1347 11/29/2023
	Designer Signature Company License# Date

Installer Summary

1120 gallon Septic tank (minimum) Tank options: none Install 1650 Jacobson 2/Compartment Septic/Pump Tank. gallon Dose tank (minimum) 12.69 gpi GPM @ 18 ft. of head, Pump required 21 4.3 inch swing on Demand float which translates to roughly 3.2 inches of float tether length if time dosing is required --> minutes ON time & 2.6 6 hours OFF time inches from bottom of tank to "pump ON" float, or inches to "timer ON" float 19 inches from bottom of tank to "Hi Level Alarm" or linches to "Hi level alarm" if time dosed 30 ft. of 2.0 inch supply line with end feed manifold connection (Tip: "top feed" manifold to control drainback) 36 inch, or ft. Sand Lift Mound 6.0 ft. wide by 42.0 ft. long Rock bed 2 laterals 1.50 inch diameter 40.0 ft. long 3.0 ft. lateral spacing 1/4" inch perfs 3.0 ft. perforation spacing Effluent filter & alarm 2 clean out & valve box assemblies 16.0 ft. Total sand ABSORPTION width (minimum) ft. upslope and sideslope (sand beyond rockbed, minimum) ft. Downslope Specific slope ratios give BERM widths (topsoil beyond rockbed) of: 3:1 upslope ratio 15 ft. upslope berm 3:1 15 ft. sideslope berms sideslope 3:1 downslope 15 ft. downslope berm

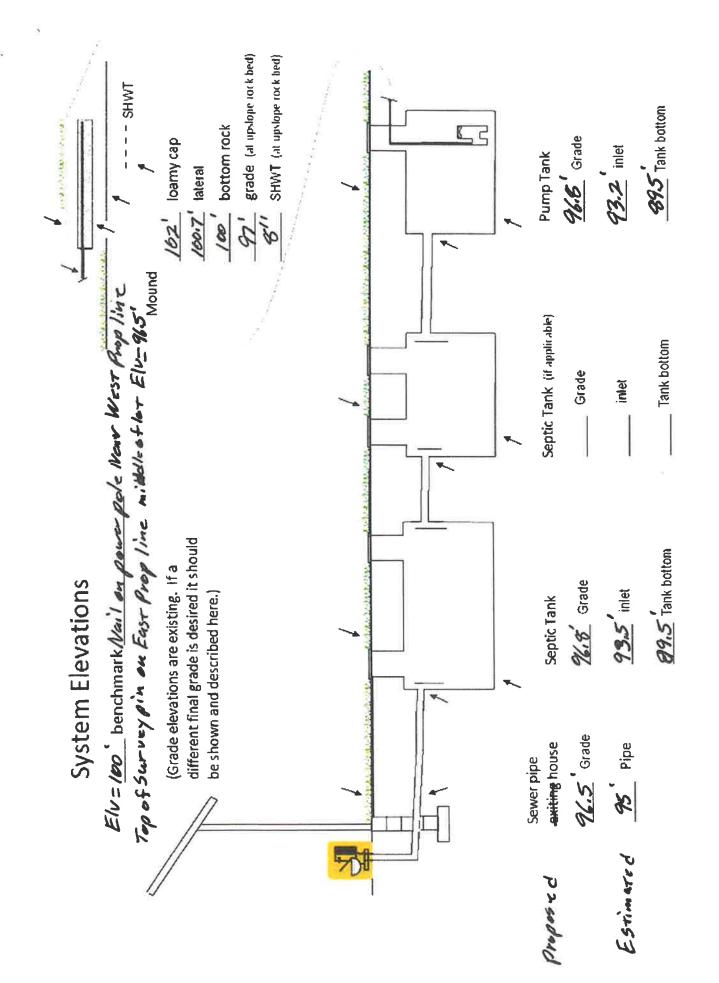


Note:

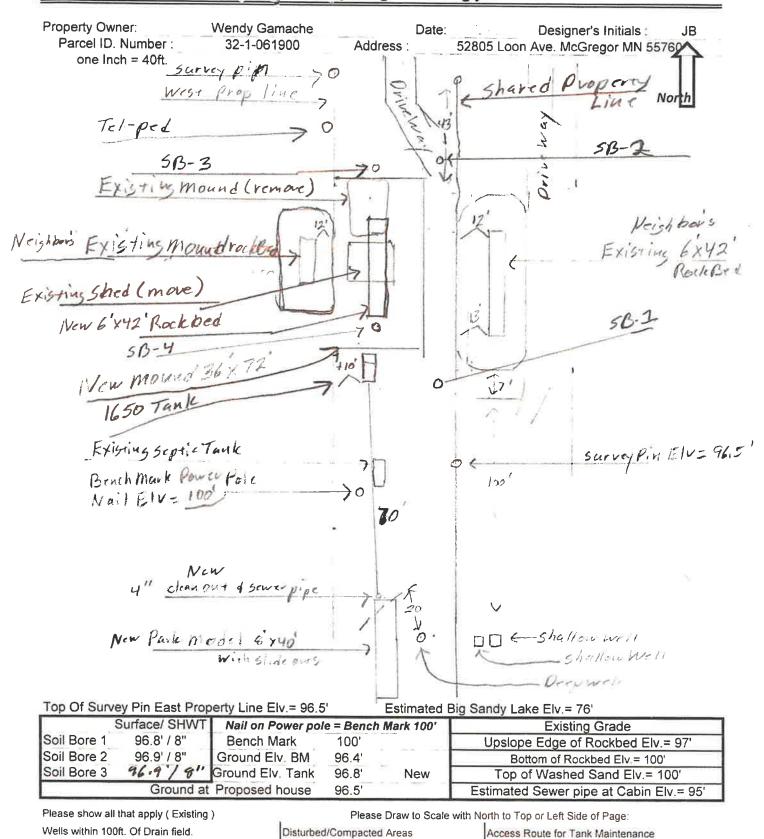
For 0 to 1% slopes, *Absorption Width* is measured from the *Bed* equally in both directions. For slopes >1%, *Absorption Width* is measured downhill from the upslope edge of the *Bed*.

) yd³ or *1.4=	17	ton	9	inches under pipe
yd ³ or *1.4=	262	ton		
yd³ or *1.4=	69	ton	6" deep	
yd ³ or *1.4=	81	ton	6" de	ер
	yd ³ or *1.4= yd ³ or *1.4=	yd ³ or *1.4= 262 yd ³ or *1.4= 69	yd ³ or *1.4= 262 ton yd ³ or *1.4= 69 ton	yd ³ or *1.4= 262 ton yd ³ or *1.4= 69 ton 6" de

INSPECTOR CHECKLIST - mound 52805 Loon Ave. McGregor MN 55/60 WELL setbacks: 20' to pressure tested sewer line (5 psi for 15 min) 50' to everything 100' to dispersal area with shallow well PROPERTY LINES setback: 10' to everything Road setback: platted: 10' prop line. Metes & bounds: out of road easement, or outer ditch. LAKE / BLUFF setback: 20' for bluff. Lakes: GD ____, RD ____, NE ____. Protected wetland ____. Building setbacks: 10' for everything, 20' for dispersal area. WATER LINE under pressure se 10' to bed, tank & sewer line. (else sewer line > 12" below, else ok w/pvc) Sewer line & baffle connection (no 90's, 3' between 45's, slope min 1" in 8', max 2" in 8') (no depth reg's, clean out every 100', Sch 40 pipe) Septic tank and risers (water tight, insulated, proper depth, existing verified by pumping) 1120 gailons none Riser over outlet, riser over inlet or center, and 6"+ inspection pipe over any remaining baffles. effluent filter & alarm Dose tank risers and piping (water tight, insulated, proper depth, drainback) 533 gallons hr OFF 21 gpm 18 head VERIFY PUMP CURVE 2.6 min ON dose pump _____ 12.7 gpi "DESIGNED" float setting drop 4.3 inches at 3.2 inches approx float tether length inches float drop (field corrected 55.0 gal dose divided by gpi "INSTALLED" = LABEL pump requirements and drawdown on riser or panel Cam lock reachable from grade - 30" max. J-hook weep hole. Supply line access (no hard 90's) 2.0 inch supply pipe: Sch40, sloped 1/8"+, supported by 4" sch40 sleeve or compacted, and buried 6"+. splice box / control panel / electrical connections flow measurement: CT, ETM, time dosed, home water meter mound absorption area rough up mound rock dimensions 6.0 42.0 (Jar test: 2" sand leaves < 1/8" silt after 30 min) Sand lift depth 36 inches. Absorption Sand beyond rock 5.0 upslope 5.0 downslope 15 downslope Bermed topsoil beyond rockbed 15 upslope 15 sideslope **VERIFY** cover depth of 12-18"+ laterals (1-2' from edge of rock) (Sch40 pipe & fittings) 1.50 inch pipe size 3.0 ft lateral spacing 1/4" inch perforations 3.0 ft perforation spacing **VERIFY** Air inlet at end of laterals, and at top feed manifold if necessary. clean outs (no hard 90's) 4" inspection pipe to bottom of rock, anchored VERIFY Re-use existing tank certification Abandon existing system - if necessary monitoring plan and type well abandonment form - if necessary



{ Design Drawing }

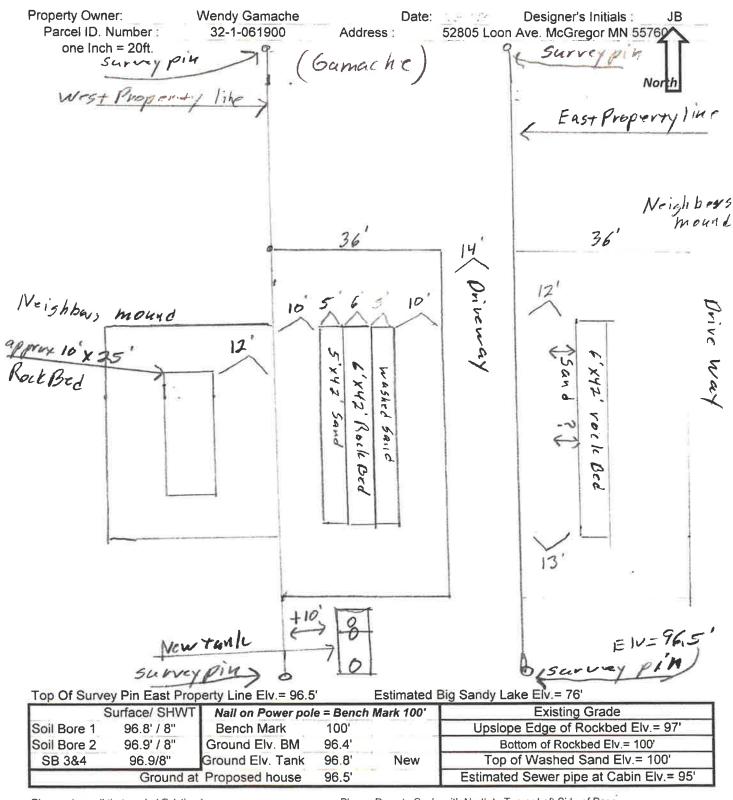


Water lines within 10 ft. of Drain field.

Drain field Areas:

Component Location Property Lines
OHW ordinary high water Structures
Lot Easements Setbacks

{ Design Drawing }



Please show all that apply (Existing)

Wells within 100ft. Of Drain field.

Water lines within 10 ft. of Drain field.

Drain field Areas:

Please Draw to Scale with North to Top or Left Side of Page:

Disturbed/Compacted Areas	Access Route for Tank Maintenance			
Component Location	Property Lines			
OHW ordinary high water	Structures			
Lot Easements	Setbacks			

Mound Design Notes - Aitkin county

			, , , , , , , , , , , , , , , , , , , ,	,			
Pi	roperty Owner:	Wendy Gamache	Date: _	11/29/23			
	Site Address:	52805 Loon Ave. McGregor MN 5576	0 PID: _	32-1-061900			
	Comments:	See Notes on shared prop	erty line easement	reasons. (next Page)			
1	This is a type III	mound , (Soil Separation 8") sized for	a 2 bedroom syster	m.			
	Constructed on s	same site as existing mound and old sl	ned. Disturbed soils.				
2	There is an exist	e is an existing deep well near trailer house, Neighbors 2 Shallow wells are near same deep well.					
3		Existing tank to be pumped collapsed, filled, or removed. Existing Mound will be removed to good original soils. Existing Shed / cabin to be moved.					
4	•		v from NW corner of	house install clean-out near house			
-	The Proposed house (Park Model) will be gravity flow from NW corner of house, install clean-out near house. The new sewer pipe once outside of the park model foot print must be 20 ft from any well.						
	-	to locate Park model to insure that sev		•			
5		I 1650 Jacobson compartment tank for		• •			
		enough for drainback from mound to pu	•				
6		s are at 3:1, lot is only 50 ft wide. Wes	•	on the West property line.			
	·	tkin Co. Possible variance on this mou		and the trace property line.			
7	Elevation contou	ır of rock bed upslope edge is 97' . Nor	th berm will be appro	ox. 43 ft. from property line/ RW.			
		the rock bed is 6' x 42' . Absorption an					
		area is 5 ft. up slope + 6 ft. rockbed +		6ft. wide sand base.			
	-	Upslope, 15ft. Down slope, 6ft. Rock b	-				
	Overall mound s	ize is approx. 36' wide x 72' long and a	pprox. 5' high. End	berms are 15ft. Wide.			
8	The bench mark is the nail on the Power Pole near West Property line BM = Elv. 100'.						
	Installer to double check bench mark. Installer should confirm bench mark and sand height Elv. with inspector.						
	Installer should i	record bench mark Elv. and sand heigh	nt on installation insp	ection form.			
	The top of the sa	and and bottom of rock bed is Elv. 100					
9	It is important that the soils do not get compacted, and that clean Washed sand is used.						
	If old Mound / Shed area is compacted, remove (Subcut area and fill with washed sand).						
10	The Jacobson 1	650 tank will be gravity flow from dwell	ing. Install the pump	for 6 demand doses			
	per day. approx. 55 gallons per dose, 4.3 inches of tank level. Install alarm at 3 inches from pump on level.						
	Install all manho	les, inspection pipes and clean-outs to	grade or above. (R	ecommend min. 4" above gradė)			
		-	-	Shape tank area to shed surface water			
	• •	ly pipe from tank to end manifold in roo					
		als with 9" of rock under them. (Install		far end of laterals. Recommended)			
11	•	f holes spaced 3 ft. on center.					
40	Install 4" inspection pipe to bottom of rock bed, secure in rock bed and raise to above final grade.						
		unter on Effluent pump, calibrate pump not guarantee or warranty any Type III:		event to Owner.			
10	Designer does not guarantee or warranty any Type III systems. Designed to Aitkin Co. and MPCA recommendations and requirements.						
	11						
_	Door		ummer Septic LLC.	L-1347			
	Designed	lature De	sign Company	License#			

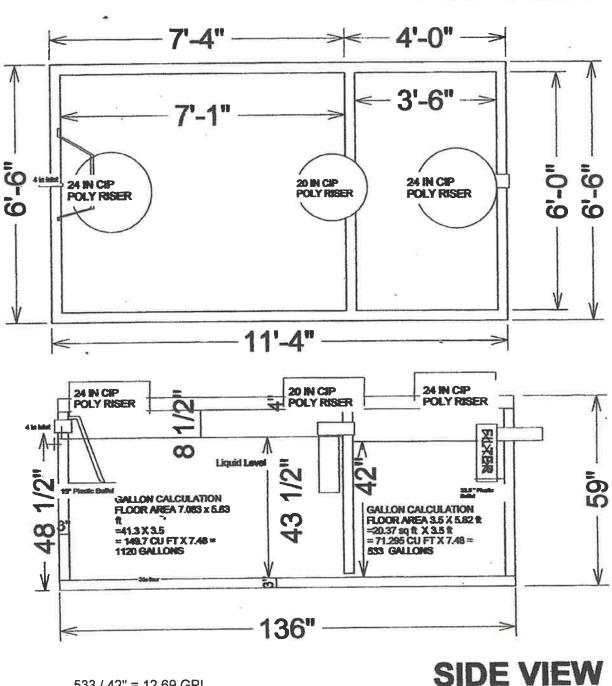
This System will require an Aitkin Co. Operator permit, annual inspection Owner and installer are responsible for owner knowing how system is maintained.

Possible Variance Mound Design Notes - Aitkin county

Pı	roperty Owner:	Gamache & Rose		Date:	11/29/23						
	Site Address:	52805 Loon Ave. McGrego	or MN 55760	PID:	32-1-061900 & 32-1-06	32000					
	Comments:	Shared	property line Use	And Reason	ns why						
	. ,										
1		install a new Type III moun		is 50 ft wide	·						
		ign g as been design as narr iveway on east side of propo	•								
		re existing mound is to be re									
	TO III OF THE WHERE EXISTING MOUNTE IS TO BE FERROVED.										
2	2 Gamache may / will need a variance for absorption width to West property line.										
	Gamache's prop	osed mound absorption are	a will be 10 ft from pr	operty line.							
	Aitkin Co, Code	for absorption area setback	to property line is 15	ft.							
4	Both of the Neigl	hbors (Nielsen on the West	t) (Rodriques on the	East) have	mounds.						
	Both of these mo	ounds have rockbeds that a	re closer than 15 ft to	their proper	ty line.						
	The designer cou	uld not tell how close the Sa	and (Absorption area) is to the pa	roperty line.						
	But both are less	s that 15 ft.									
5		ind will be as high as Rodriq	•	prox. 14 ft b	etween the berms for a c	Iriveway.					
	Rodriques's mou	und is on East property line.									
•		12 15 - 10/ 1 1/	_								
6		I is on the West property line ith Gamache's mound right									
	THEISETTIS OIL WI	ar camaone s mound right									
7	The way all 3 of	these mounds are/ were ins	stalled they should be	able to be r	eplaced with out damage	to each other.					
	7 The way all 3 of these mounds are/ were installed they should be able to be replaced with out damage to each other.										
	Designed to Aitkin Co. and MPCA recommendations and requirements.										
	Jell Marine	w/∕ Bri	ummer Septic LLC.		L-1347						
De	egicker Signature		sign Company		License#						
0											

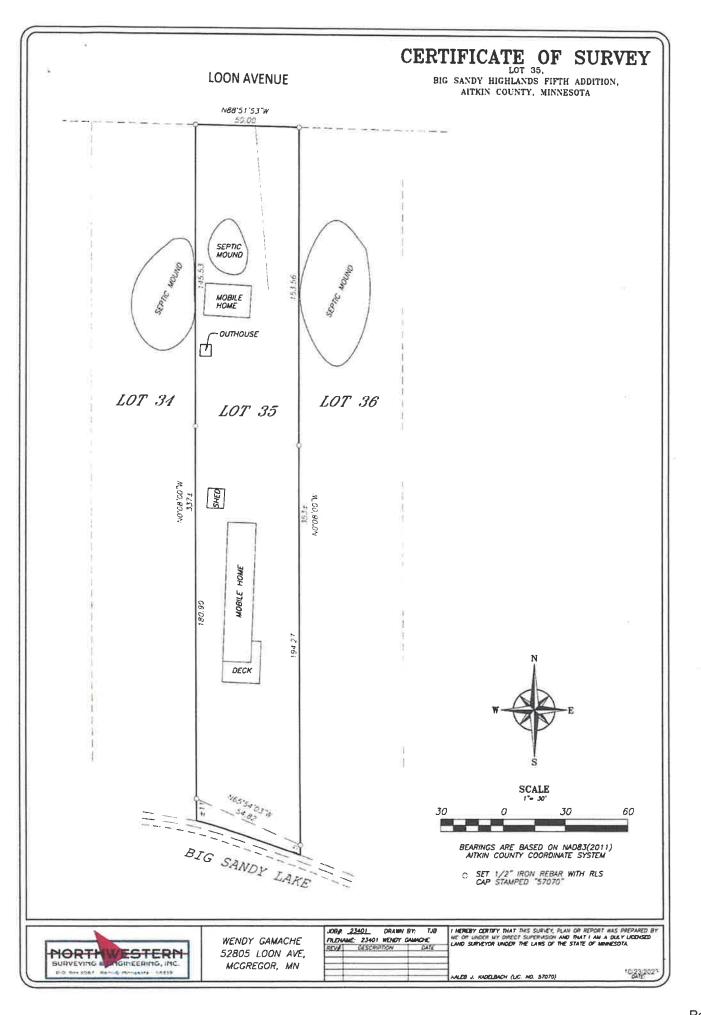
1650 Gallon 2 Compartment Septic Tank

TOP VIEW



533 / 42" = 12.69 GPI

Drawings Owned BY Jacobson Precast, Inc. 36641 HWY 169, Aitkin, Mn 56431





Detailed Parcel Report

Parcel Number: 32-1-061900

General Information

Township/City: TURNER TWP

Taxpayer Name: MATTSON, RICHARD M

Taxpayer Address: 1407 BILLY JON RD

CLOQUET MN 55720

Property Address: 52805 Loon Ave

Township: 50 Lake Number: 1006200

Range: 23 Lake Name: BIG SANDY LAKE 6D

Section:34Acres:0.00Green Acres:NoSchool District:4.00

Plat: BIG SANDY LAKE HIGHLANDS FIFTH ADDITION

Brief Legal Description: LOT 35

Class Code 1:

Tax Information

Non-Comm Seasonal Residential Recreational 100 41 Flood 1223.9

OHW - 1216.56

Class Code 2: Unclassified
Class Code 3: Unclassified
Homestead: Non Homestead

Assessment Year: 2023

Estimated Land Value: \$219,500.00
Estimated Building Value: \$10,100.00
Estimated Total Value: \$229,600.00

Prior Year Total Taxable Value: \$186,900.00

Current Year Net Tax (Specials Not Included): \$1,196.00

Total Special Assessments: \$0.00

**Current Year Balance Not Including Penalty: \$0.00

Delinquent Taxes: No

^{*} For more information on delinquent taxes, please call the Aitkin County Treasurer's Office at 218-927-7325.

^{**} Balance Due on a parcel does not include late payment penalties.



Detailed Parcel Report

Parcel Number: 32-1-061800

General Information

West Neighbor

Township/City:

TURNER TWP

Taxpayer Name:

NIELSEN, WALTER CJR

Taxpayer Address:

52809 LOON AVE

MCGREGOR MN 55760

Property Address:

Township:

50

Lake Number:

1006200

Range:

23

Lake Name:

BIG SANDY LAKE

Section:

34

Acres:

0.00

Green Acres:

No

School District:

4.00

Plat:

BIG SANDY LAKE HIGHLANDS FIFTH ADDITION

Brief Legal Description:

LOT 34

Tax Information

Class Code 1:

Residential 1-3 units Previously SRR

Class Code 2:

Unclassified

Class Code 3:

Unclassified

Homestead:

Owner Homestead

Assessment Year:

2023

Estimated Land Value:

\$162,500.00

Estimated Building Value:

\$0.00

Estimated Total Value:

\$162,500.00

Prior Year Total Taxable Value:

\$123,800.00

Current Year Net Tax (Specials Not Included):

\$716.00

Total Special Assessments:

\$0.00

**Current Year Balance Not Including Penalty:

\$0.00

Delinquent Taxes:

No

^{*} For more information on delinquent taxes, please call the Aitkin County Treasurer's Office at 218-927-7325.

^{**} Balance Due on a parcel does not include late payment penalties.



Detailed Parcel Report

Parcel Number: 32-1-062000

General Information

Township/City:

Plat:

TURNER TWP

Taxpayer Name: **RODRIQUES, RONALD & WANDA**

Taxpayer Address: 5851 MEADOWVIEW DR

WHITE BEAR LAKE MN 55110

Property Address: 52801 Loon Ave

Township: 50 Lake Number: 1006200

Range: 23

Lake Name: **BIG SANDY LAKE**

0.00

East Neighbor.

Section: 34 **Green Acres:** No

School District: 4.00

BIG SANDY LAKE HIGHLANDS FIFTH ADDITION

Acres:

Brief Legal Description: LOT 36

Tax Information

Class Code 1: Non-Comm Seasonal Residential Recreational

Class Code 2: Unclassified Class Code 3: Unclassified Homestead: Non Homestead

Assessment Year: 2023

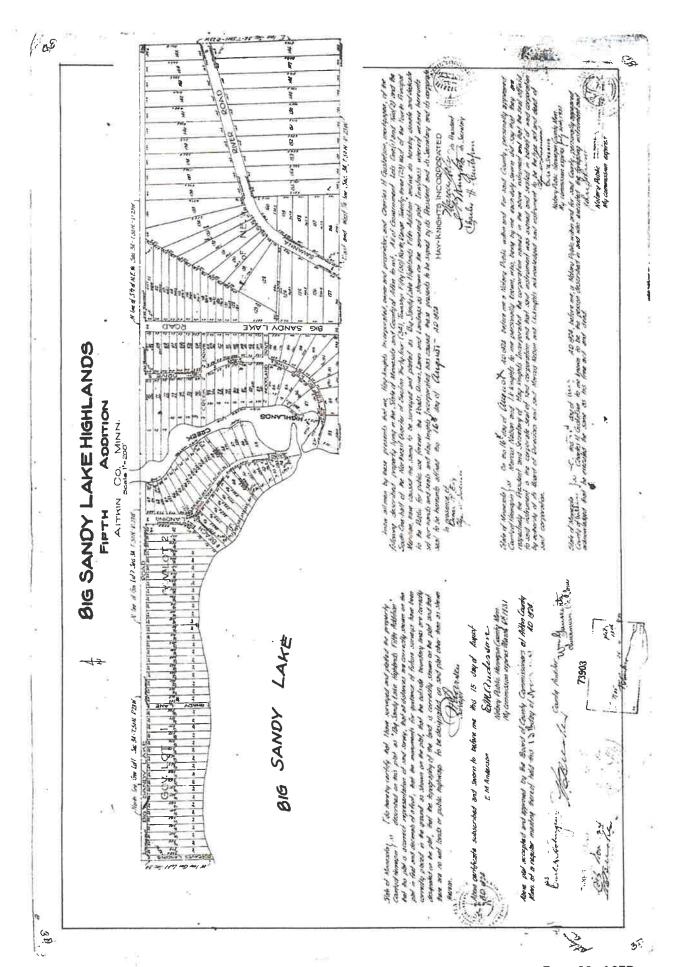
Estimated Land Value: \$219,500.00 **Estimated Building Value:** \$91,700.00 **Estimated Total Value:** \$311,200.00

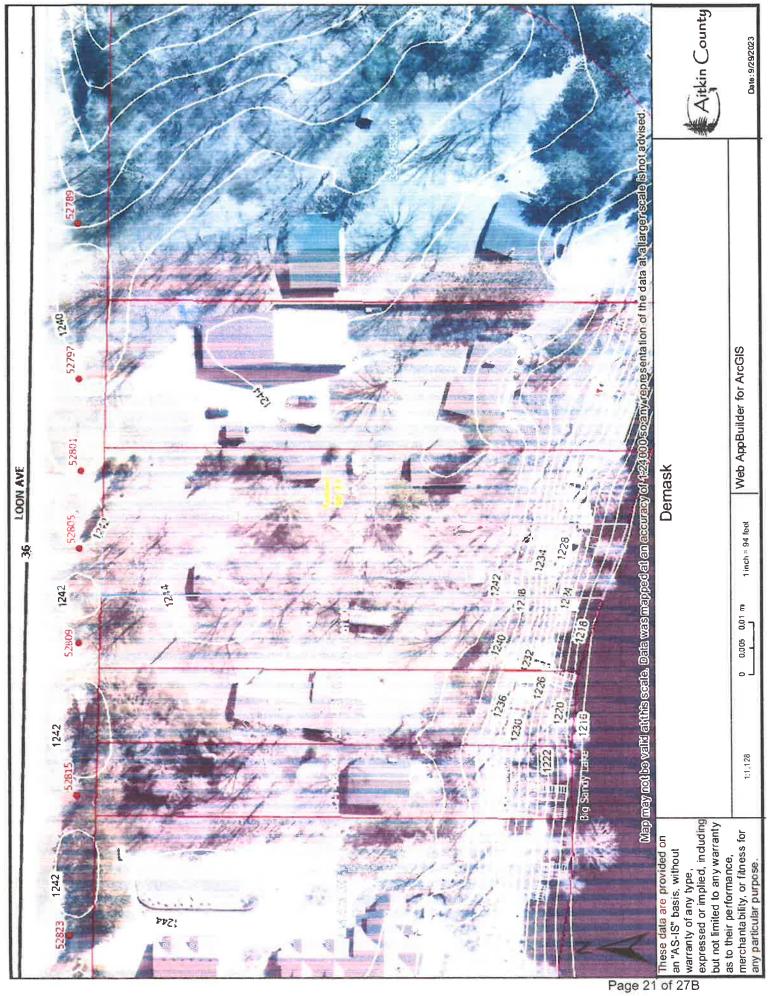
Prior Year Total Taxable Value: \$263,700.00

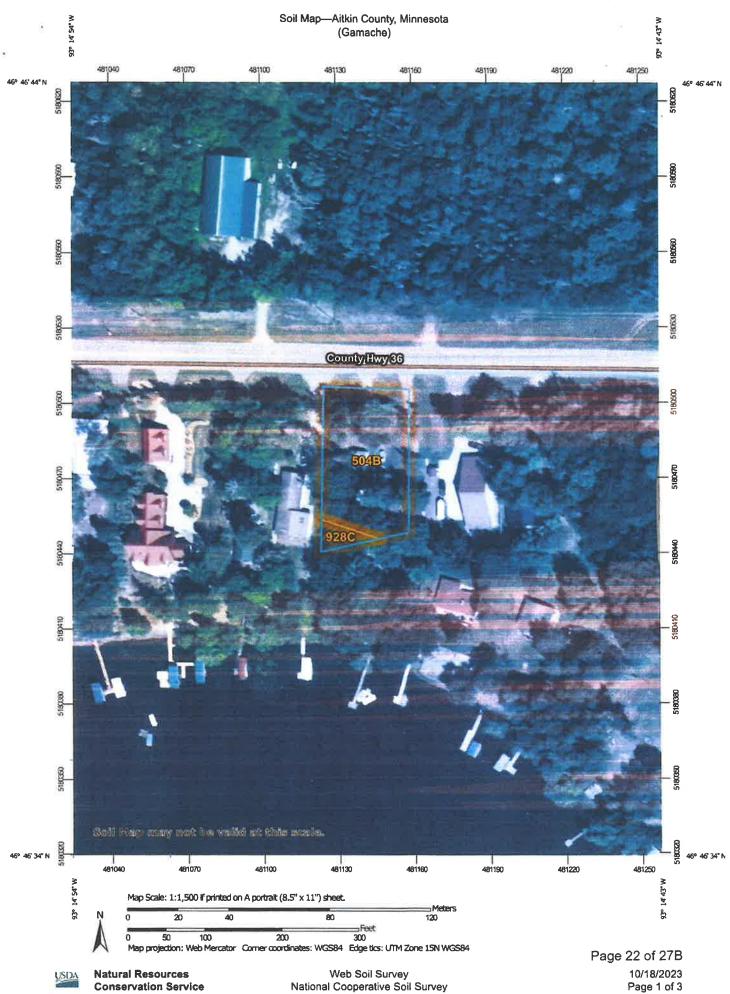
Current Year Net Tax (Specials Not Included): \$1,710.00 **Total Special Assessments:** \$0.00 **Current Year Balance Not Including Penalty: \$0.00 **Delinquent Taxes:** No

^{*} For more information on delinquent taxes, please call the Aitkin County Treasurer's Office at 218-927-7325.

^{**} Balance Due on a parcel does not include late payment penalties.







Aitkin County, Minnesota

504B—Duluth fine sandy loam, 1 to 6 percent slopes

Map Unit Setting

National map unit symbol: gjh7 Elevation: 980 to 1,640 feet

Mean annual precipitation: 25 to 30 inches Mean annual air temperature: 39 to 45 degrees F

Frost-free period: 120 to 140 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Duluth and similar soils: 85 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Duluth

Setting

Landform: Moraines

Landform position (two-dimensional): Backslope, summit

Down-slope shape: Linear Across-slope shape: Linear Parent material: Loamy till

Typical profile

A - 0 to 3 inches: fine sandy loam

E,Bw,2BE,2Bt - 3 to 41 inches: clay loam

2C - 41 to 60 inches: loam

Properties and qualities

Slope: 1 to 6 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.60 in/hr)

Depth to water table: About 13 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Available water supply, 0 to 60 inches: High (about 10.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2e

Hydrologic Soil Group: C/D

Ecological site: F090AY015WI - Loamy Upland with Carbonates Forage suitability group: Sloping Upland, Acid (G090AN006MN)

Other vegetative classification: Sloping Upland, Acid

(G090AN006MN)



Hydric soil rating: No

Minor Components

Blackhoof

Percent of map unit: 3 percent Landform: Depressions Hydric soil rating: Yes

Mahtowa

Percent of map unit: 3 percent Landform: Depressions Hydric soil rating: Yes

Rifle

Percent of map unit: 3 percent Landform: Bogs Hydric soil rating: Yes

Cromwell

Percent of map unit: 2 percent Hydric soil rating: No

Cutaway

Percent of map unit: 2 percent Hydric soil rating: No

Dusler

Percent of map unit: 2 percent Hydric soil rating: No

Data Source Information

Soil Survey Area: Aitkin County, Minnesota Survey Area Data: Version 24, Sep 9, 2023

Aitkin County, Minnesota

928C—Cushing-Mahtomedi complex, 2 to 10 percent slopes

Map Unit Setting

National map unit symbol: gjk4 Elevation: 980 to 1,640 feet

Mean annual precipitation: 25 to 30 inches Mean annual air temperature: 39 to 45 degrees F

Frost-free period: 120 to 140 days

Farmland classification: Not prime farmland

Map Unit Composition

Cushing and similar soils: 50 percent Mahtomedi and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cushing

Setting

Landform: Moraines

Landform position (two-dimensional): Backslope

Down-slope shape: Linear Across-slope shape: Linear Parent material: Loamy till

Typical profile

E - 0 to 16 inches: very fine sandy loam

B/E - 16 to 19 inches: loam Bt - 19 to 44 inches: loam C - 44 to 60 inches: loam

Properties and qualities

Slope: 2 to 10 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 10 percent

Available water supply, 0 to 60 inches: High (about 9.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonimigated): 3e

Hydrologic Soil Group: B

Ecological site: F090AY015WI - Loamy Upland with Carbonates Forage suitability group: Sloping Upland, Acid (G090AN006MN) Other vegetative classification: Sloping Upland, Acid

(G090AN006MN) Hydric soil rating: No

Description of Mahtomedi

Setting

Landform: Moraines

Landform position (two-dimensional): Backslope

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy and gravelly outwash

Typical profile

A - 0 to 4 inches: loamy sand E - 4 to 15 inches: coarse sand

Bw - 15 to 26 inches: gravelly coarse sand

C - 26 to 60 inches: gravelly sand

Properties and qualities

Slope: 2 to 10 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Capacity of the most limiting layer to transmit water (Ksat): High to

very high (6.00 to 20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Available water supply, 0 to 60 inches: Low (about 4.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: A

Ecological site: F090AY019WI - Dry Sandy Uplands
Forage suitability group: Sandy (G090AN022MN)

Other vegetative classification: Sandy (G090AN022MN)

Hydric soil rating: No

Minor Components

Cathro

Percent of map unit: 4 percent

Landform: Bogs Hydric soil rating: Yes

Meehan

Percent of map unit: 4 percent

Hydric soil rating: No

Sandwick

Percent of map unit: 4 percent

Landform: Flats Hydric soil rating: Yes



Alstad

Percent of map unit: 3 percent Hydric soil rating: No

Data Source Information

Soil Survey Area: Aitkin County, Minnesota Survey Area Data: Version 24, Sep 9, 2023