

ENVIRONMENTAL SYSTEMS LLC.

***2358 HWY# 23
MORA MN. 55051
Ph. 320-241-7036***

DESIGN

LOCATION:

**Physical Address: 19699 468TH LN
Physical City: MCGREGOR MN
Physical Zip: 55760**

OWNER: Mille Lacs Band of Ojibwe

SYSTEM TYPE: TYPE 1

DESIGN FLOW: 2 BEDROOM DESIGNED @ 300 GPD

TREATMENT AREA: 250 SQ.FT.

SLOPE: 9 %

**SEPTIC TANK: EXISTING 1600 GAL. SPLIT/COMBO
(To be inspected and certified before installation if it is not able to
be certified replace with optional Cemstone combo tank #9551601)**

PUMP TANK: Cemstone #9551001 1000 GAL.

PUMP: GOULDS WE511

FLOW METER: SJE RHOMBUS #

EZP11W6COH1JV8G10EP17A22C

KEVIN HERWIG M.P.C.A 3945

Kevin Herwig
06/10/2024

ENVIRONMENTAL SYSTEMS LLC.

DESIGN-INSPECTION

2358 HYY#23 MORA MN. 55051

Ph. 320-679-4031

CONSTRUCTION NOTES

PRODUCT BRAND & MODEL LISTED IN DESIGN MUST BE USED: EXISTING 1600 SEPTIC TANK (OPTIONAL CEMSTONE #9551601)

CEMSTONE #9551001 1000 PUMP TANK *PUMP CHAMBER AND PUMP SETTINGS WILL NOT BE CORRECT IF OTHER PRODUCTS ARE USED.**

GOULDS WE511 PUMP

FLOW CONTROL, METER, AND ALARM: SJE RHOMBUS EZP11W6COH1JV8G10EP17A22C

IT IS THE DESIGNER'S DISCRETION TO APPROVE OR DISAPPROVE SUBSTITUTIONS.THE INSTALLER WILL BE RESPONSIBLE FOR DESIGN CHANGE FEE.

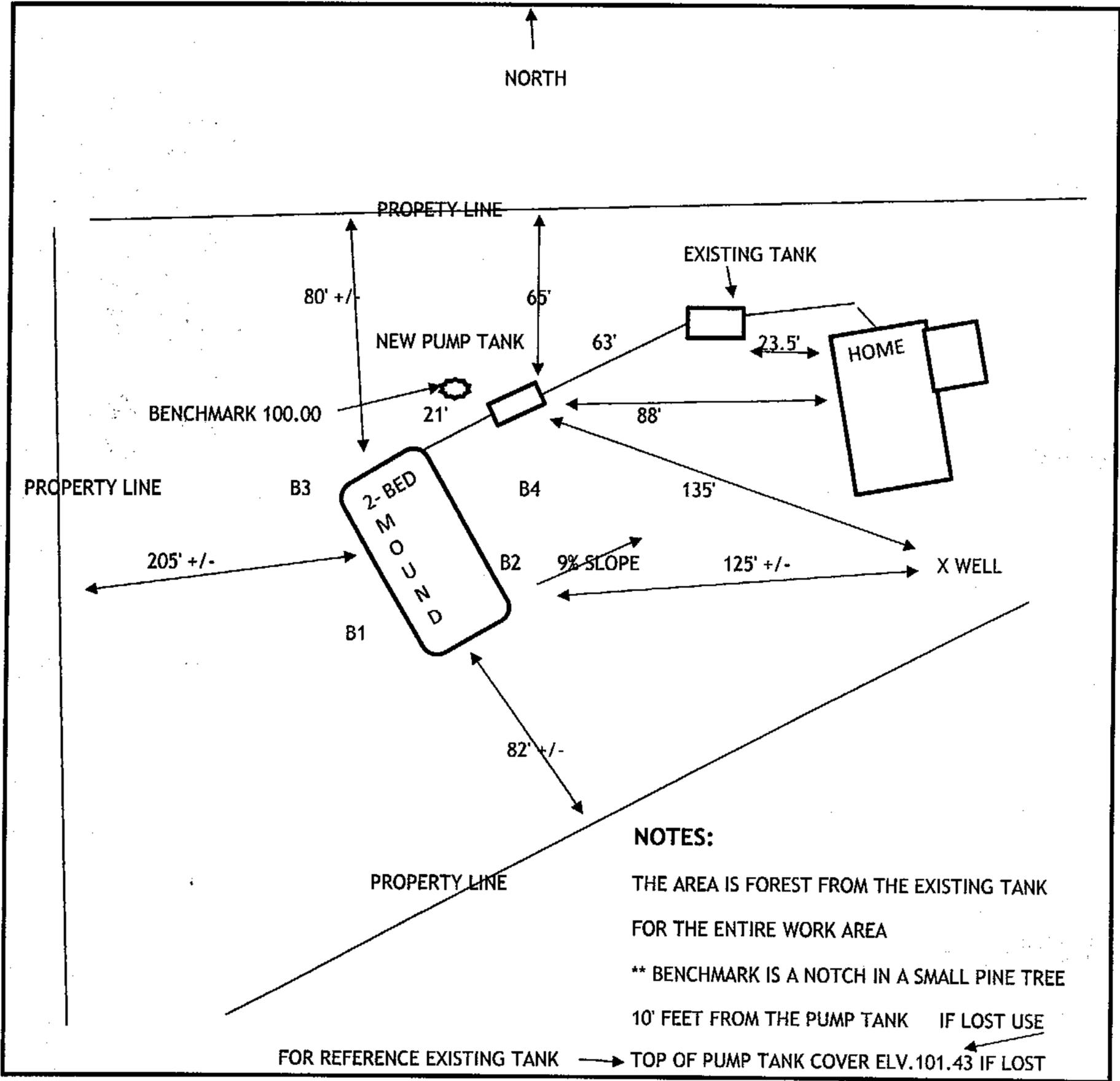
KEVIN HERWIG LIC # 3945

A handwritten signature in black ink, appearing to read "Kevin Herwig", is written over the printed name and license number.

Project ID:

v 03.15.2023

Property Owner/Client: MILLE LACS BAND OF OJIBWE



Map scale:

Indicated north

Show slope/contours

Elevations in feet

Benchmark: ft

System Corners:

Soil Observation:

NW:	<input type="text" value="99.8"/>	ft
NE:	<input type="text" value="99.3"/>	ft
SW:	<input type="text" value="99.8"/>	ft
SE:	<input type="text" value="98.95"/>	ft

#1:	<input type="text" value="100.64"/>	ft
#2:	<input type="text" value="98.37"/>	ft
#3:	<input type="text" value="99.2"/>	ft
#4:	<input type="text" value="98.15"/>	ft

Tank Outlet: ft

Other:

Pump Tank Inlet ft

Date Completed:

Preliminary & Field Evaluation Form

www.SepticResource.com ver

Owner Information

Date	<u>6/10/2024</u>	Sec / Twp / Rng	<u>33/23/49</u>
Parcel ID	<u>29-1-534700</u>	LUG (county, city, township)	<u>AITKIN COUNTY</u>
Property Owner:	<u>MILLE LACS BAND OF OJIBWE</u>	Owners address (if different)	
Property Address:	<u>19699 468TH LANE</u>	<u>43408 OoDENA DRV</u>	
City / State / Zip:	<u>McGREGOR MN.</u>	<u>ONAMIA MN. 56359</u>	

Flow Information and Waste Type / Strength

Estimated Design flow	<u>300</u>	Anticipated Waste strength	<input type="checkbox"/> Hi Strength	<input checked="" type="checkbox"/> Domestic
Comments:		Any Non-Domestic Waste	<input type="checkbox"/> Yes (class V)	<input checked="" type="checkbox"/> No
		Sewage ejector/grinder pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		Water softener	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		Garbage Disposal	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		Daycare / In home business	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Site Information

Existing & proposed lot improvements located (see site map)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Well casing depth	<u>>55'</u>
Easements on lot located (see site map)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Drainfield w/in 100' of residential well	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Property lines determined (see site map)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Site w/in 200' of transient noncommunity water supply (TNCWS)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Req'd setbacks determined (see site map)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Site w/in an inner wellhead mgmt zone (CWS/NTNCWS)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Utilities located & identified (gopher state one call)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Buried water supply pipe w/in 50' of system	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Access for system maintenance (shown on site map)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Site located in Shoreland (w/in 1000' of lake, 300' of river)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Soil treatment area protected	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Site map prepared with previous items included	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Construction related issues	<u>WOOD AREA FOR MOUND CONSTRUCTION</u>			

Mound Design - Aitkin county

Property Owner: MILLE LACS BAND OF OJIBWE

Date: 6/10/2024

Site Address: 19699 468th Lane McGregor MN

PID: 29-1-534700

Comments:

instructions: = enter data = adjust if desired = computer calculated - DO NOT CHANGE!

- 1) bedroom Type Residential System
- 2) GPD design flow
- 3) Garbage disposal or pumped to septic
- 4) Gal Septic tank (code minimum) Gal Septic tank (design size / LUG req'd)
Tank options: Multiple tanks or compartments req'd
- 5) GPD/ft² mound sand loading rate contour loading rate of req's a min ft. long rockbed
- 6) ft rockbed width ft rockbed length
- 7) ft lateral spacing ft perforation spacing (maximum of 3 for both)
 manifold connection
- 8) laterals feet long perfs / lateral perfs total
(1/2 a perf means the first perf starts at the middle feed manifold)
- 9) inch perfs at feet residual head gives gpm flow rate per perforation
for this perf size & spacing, & pipe size on line 12, max perfs/lateral = , line #8 must be less --> OK
- 10) doses per day (4 minimum)
- 11) gallons per dose (treatment volume) 2.00 5x
- 12) inch diameter laterals must be used to meet "4x pipe volume" requirement 2.00 3x
- 13) feet of inch supply line leads to gallons of drainback volume
(Tip: "top feed" manifold to control the drainback)
- 14) gallons TOTAL pump out volume (treatment + drainback)
- 15) feet vertical lift from pump to mound laterals, leads to a:
- 16) GPM @ feet of head, Pump requirement (note: >50gpm may require an extra 3-6' of head)
- 17) gal Dose tank (code minimum) gal Dose tank (design size / LUG req'd) at gpi
leads to a
- 18) inch swing on Demand float, or timed dosing of min ON (confirm pump rate with drawdown
(this delivers Average flow, =70% of Peak design flow) hrs OFF test and adjust as necessary)
- 19) inches from bottom of tank to "Pump OFF" float
- 20) inches from bottom of tank to "Pump ON" float, or inches to "Timer ON" float if time dosed
- 21) inches from bottom of tank to "Hi Level" float, or inches to "Hi Level" float if time dosed
- 22) gallons reserve capacity (after High Level Alarm is activated)

23) gpd/ft² Absorption area Soil Loading Rate, which gives a mound ratio of (minimum)
 (this must match the soil boring log) desired mound ratio

24) percent site slope (0-20% range) (% downslope site slope, if different than upslope)

25) inches, or ft. to Redox or other limiting condition (need at least 12" to be a Type I)
 Treatment zone contains inches of 0% soil credit, and inches of 50% soil credit. Giving a:

26) inch, or ft. Sand Lift Mound **CRITICAL FOR FUTURE CERTIFICATIONS!!!**

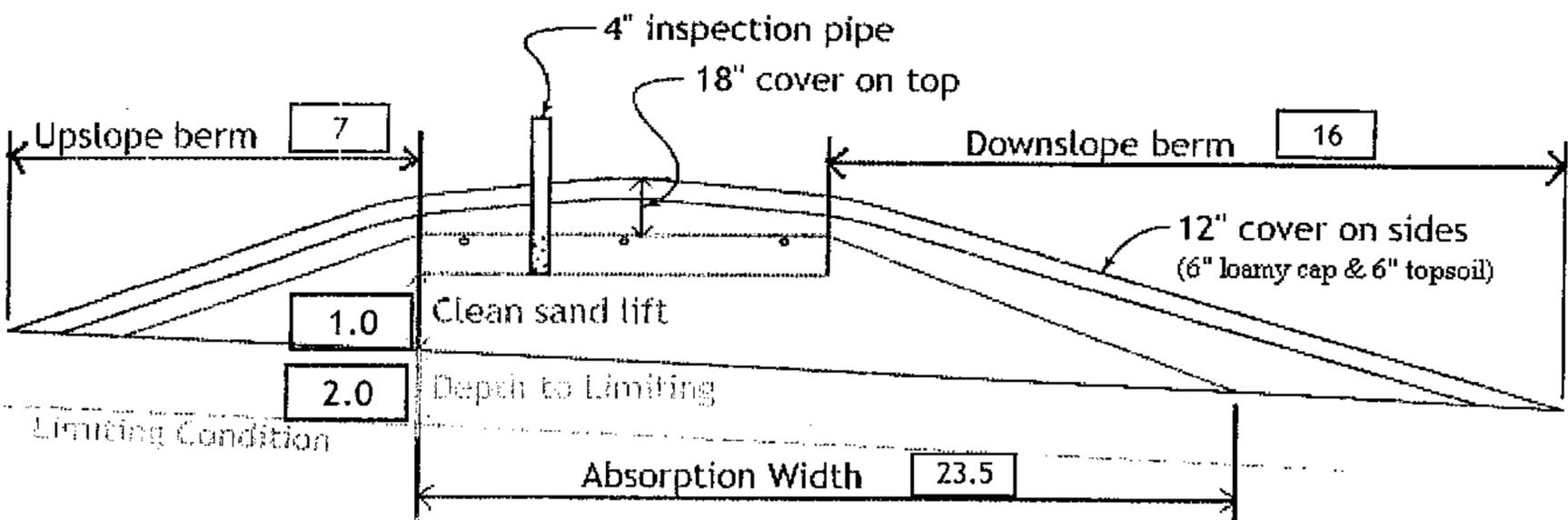
27) ft. base absorption width (with sand beyond rockbed as follows):
 greater of: absorption width OR sand slope

28) ft. upslope and sideslope sand upslope
 ft. Downslope sand down slope

Individual slope ratios give BERM widths (topsoil beyond rockbed) of:

29) upslope ratio ft. upslope berm
 30) sideslope ft. sideslope berms
 31) downslope ft. downslope berm

32) Overall Dimensions: ft. wide by ft. long Rock bed
 ft. wide by ft. long Mound footprint



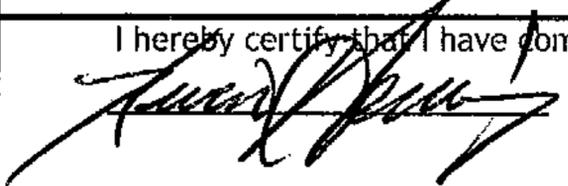
Note:
 For 0 to 1% slopes, *Absorption Width* is measured from the *Bed* equally in both directions.
 For slopes >1%, *Absorption Width* is measured downhill from the upslope edge of the *Bed*.

33) Rock Bed: ft. by ft. by inches under pipe, plus 20% gives yd³ or *1.4= 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)
 up + downslope + ends + under rock = yd³ or *1.4= ton
 plus 20%

35) Loamy Cap: ft. by ft. 6" deep, plus 20% gives yd³ or *1.4= ton

36) Topsoil: ft. by ft. 6" deep, plus 20% gives yd³ or *1.4= ton

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.
 ENVIRONMENTAL SYSTEMS 3945 6/10/2024

Installer Summary

gallon Septic tank (minimum) Tank options: Multiple tanks or compartments req'd

gallon Dose tank (minimum) at gpi

GPM @ ft. of head, Pump required
 inch swing on Demand float which translates to roughly inches of float tether length
 if time dosing is required --> minutes ON time & hours OFF time

inches from bottom of tank to "pump ON" float, or inches to "timer ON" float
 inches from bottom of tank to "Hi Level Alarm" or inches to "Hi level alarm" if time dosed

ft. of inch supply line with manifold connection
 (Tip: "top feed" manifold to control drainback)

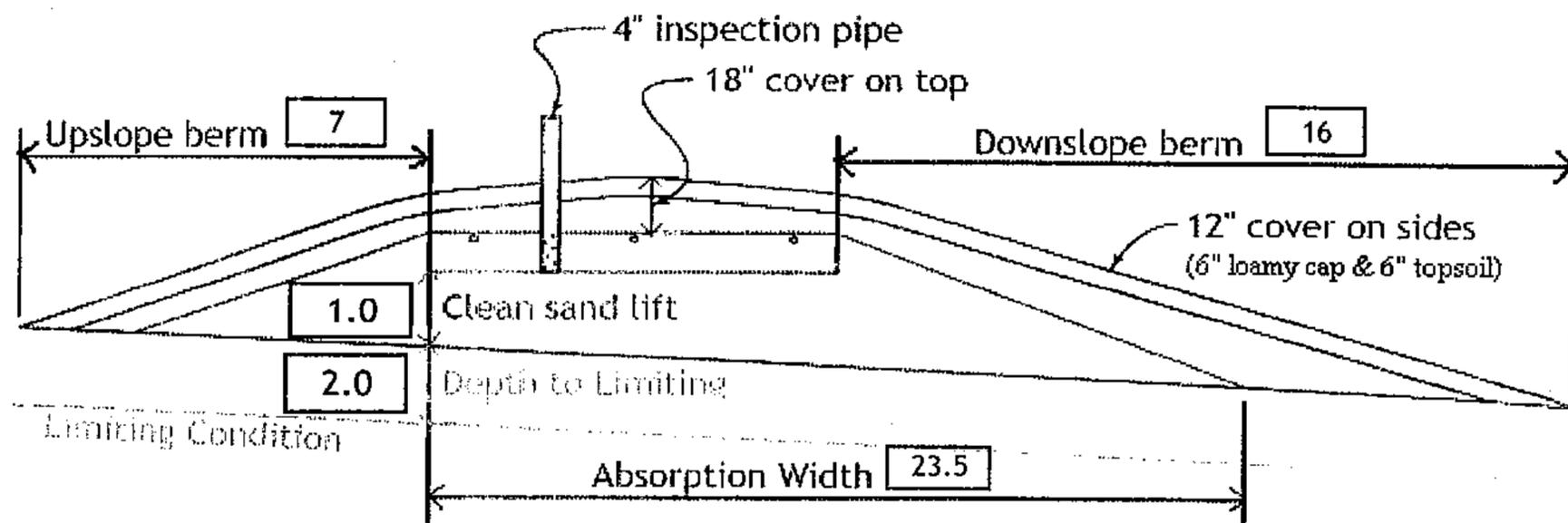
inch, or ft. Sand Lift Mound
 ft. wide by ft. long Rock bed
 laterals inch diameter ft. long ft. lateral spacing
 inch perfs ft. perforation spacing

Effluent filter & alarm
 clean out & valve box assemblies

ft. Total sand ABSORPTION width (minimum)
 ft. upslope and sideslope (sand beyond rockbed, minimum)
 ft. Downslope (sand beyond rockbed, minimum)

Specific slope ratios give BERM widths (topsoil beyond rockbed) of:

<input type="text" value="3:1"/> upslope ratio	<input type="text" value="7"/> ft. upslope berm
<input type="text" value="3:1"/> sideslope	<input type="text" value="12"/> ft. sideslope berms
<input type="text" value="3:1"/> downslope	<input type="text" value="16"/> 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*.

Rock Bed: yd³ or *1.4= ton 6 inches under pipe
 Mound Sand: yd³ or *1.4= ton calculation based on 3:1/4:1 slope from top of rockbed

Loamy Cap: 29 yd³ or *1.4= 41 ton 6" deep
 Topsoil: 36 yd³ or *1.4= 50 ton 6" deep

INSPECTOR CHECKLIST - mound

19699 468th Lane McGregor MN

- 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 req's, clean out every 100', Sch 40 pipe)

- Septic tank and risers (water tight, insulated, proper depth, existing verified by pumping)
mfg__ CEMSTONE 1600 gallons Multiple tanks or compartments req'd

- Riser over outlet, riser over inlet or center, and 6"+ inspection pipe over any remaining baffles.
No effluent filter & alarm
- Dose tank risers and piping (water tight, insulated, proper depth, drainback)
mfg__ CEMSTONE 1000 gallons

- dose pump __ GOULDS 18 gpm 16 head VERIFY PUMP CURVE 0 min ON 0 hr OFF

- float setting drop 2.5 inches at 32.0 gpi "DESIGNED" 2.3 inches approx float tether length
79.0 gal dose divided by _____ gpi "INSTALLED" = _____ inches float drop (field corrected)
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 10.0 X 25.0
Sand lift depth 12 inches. (Jar test : 2" sand leaves < 1/8" silt after 30 min)

- Absorption Sand beyond rock 4.7 upslope 8.8 downslope

- Bermed topsoil beyond rockbed 7 upslope 12 sideslope 16 downslope

- cover depth of 12-18"+ VERIFY
- 3 laterals (1-2' from edge of rock)
- 2.00 inch pipe size (Sch40 pipe & fittings)
- 3.0 ft lateral spacing

- 1/4" inch perforations
- 3.0 ft perforation spacing

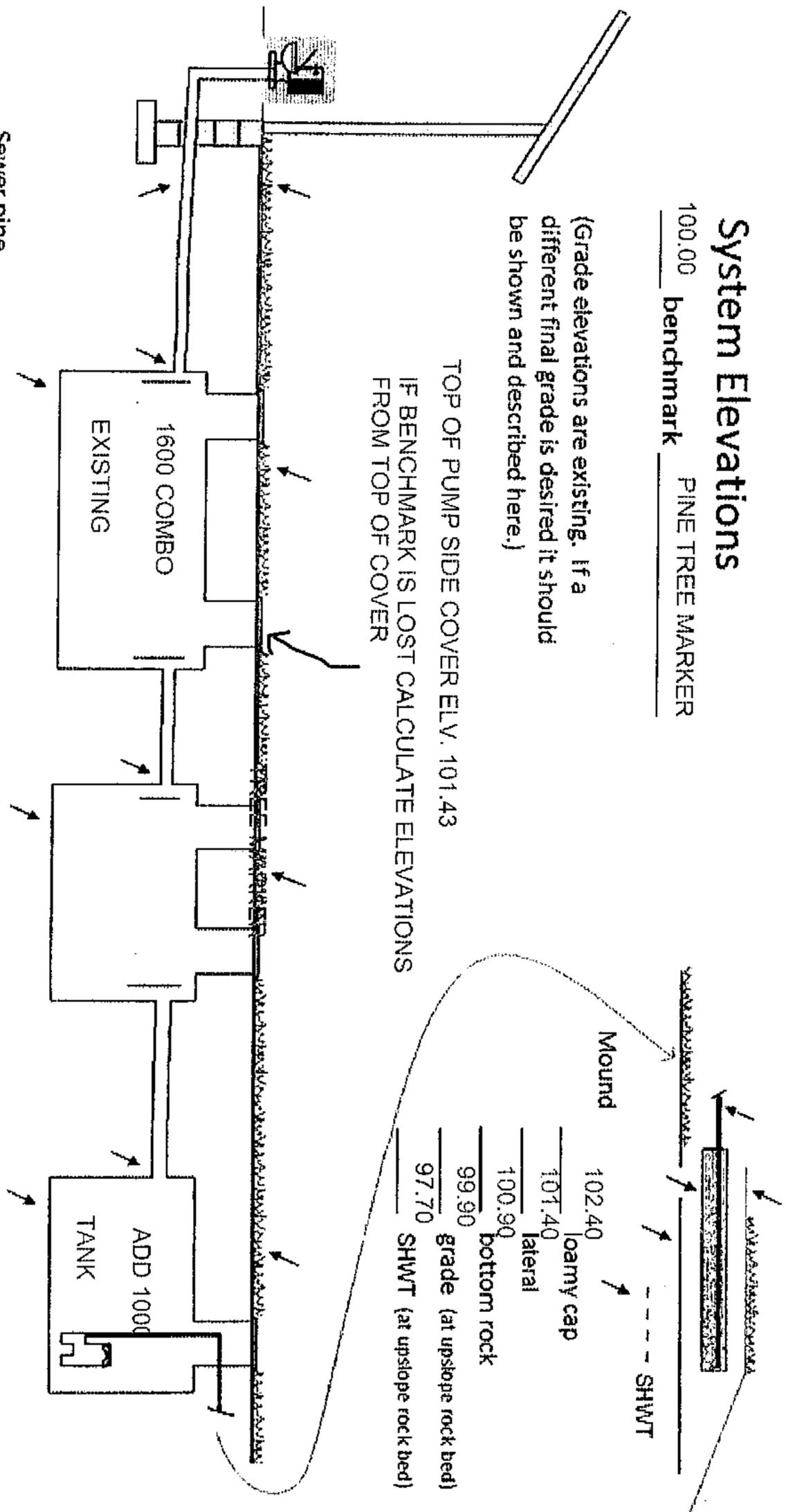
- Air inlet at end of laterals, and at top feed manifold if necessary. VERIFY
- clean outs (no hard 90's)
- 4" inspection pipe to bottom of rock, anchored VERIFY

System Elevations

100.00 benchmark PINE TREE MARKER

(Grade elevations are existing. If a different final grade is desired it should be shown and described here.)

TOP OF PUMP SIDE COVER ELV. 101.43
 IF BENCHMARK IS LOST CALCULATE ELEVATIONS FROM TOP OF COVER



Sewer pipe exiting house	Grade	102.90	Septic Tank EXISTING	Grade		Septic Tank (if applicable)	Grade		Pump Tank	Grade	98.30
Pipe			inlet			inlet			inlet		95.80
			Tank bottom			Tank bottom			Tank bottom		92.80

Soil Observation Log

www.SepticResource.com vers 12.4

Owner Information

Property Owner / project: MILLE LACS BAND OF OJIBWE Date 6/10/2024
 Property Address / PID: 19699 468th Lane McGregor MN

Soil Survey Information

refer to attached soil survey

Parent mat'l's: Till Outwash Lacustrine Alluvium Organic Bedrock
 landscape position: Summit Shoulder Side slope Toe slope
 soil survey map units: D458E slope 5 % direction- downhill

Soil Log #1

Boring Pit Elevation 100.64 Depth to SHWT 30"

Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-4	Loamy Sand	<35	10YR2/1		Friable	Weak	Granular
4-18	Loamy Sand	<35	10YR4/4		Friable	Weak	Granular
18-30	Loamy Sand	<35	10YR5/4		Friable	Weak	Blocky
30-36	Sandy Loam	<35	10YR5/4	7.5YR4/6	Friable	Weak	Blocky
36-60	Med Sand	<35	10YR6/4	7.5YR4/6	Loose	loose weak moderate strong	Single grain

Comments:

19699 468th Lane McGregor MN

Soil Log #2

 Boring PitElevation 98.37Depth to SHWT 28"

Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-4	Loamy Sand	<35	10YR2/1		Friable	Weak	Granular
4-18	Loamy Sand	<35	10YR4/4		Friable	Weak	Granular
18-28	Loamy Sand	<35	10YR5/4		Friable	Weak	Blocky
28-36	Sandy Loam	<35	10YR5/4	7.5YR4/6	Friable	Weak	Blocky
36-60	Med Sand	<35	10YR6/4	7.5YR4/6	Loose	loose weak moderate strong	Single grain

19699 468th Lane McGregor MN

Soil Log #3

 Boring PitElevation 99.2Depth to SHWT 32"

Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-4	Loamy Sand	<35	10YR2/1		Friable	Weak	Granular
4-18	Loamy Sand	<35	10YR4/4		Friable	Weak	Granular
18-30	Loamy Sand	<35	10YR5/4		Friable	Weak	Blocky
30-36	Sandy Loam	<35	10YR5/4	7.5YR4/6	Friable	Weak	Blocky
36-60	Med Sand	<35	10YR6/4	7.5YR4/6	Loose	loose weak moderate strong	Single grain

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

[Handwritten Signature] 0
 Designer Signature

ENVIRONMENTAL SYSTEM
 Company

3945
 License #

19699 468th Lane McGregor MN **Soil Log #4**

Boring Pit Elevation 98.15 Depth to SHWT 28"

Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-4	Loamy Sand	<35	10YR2/1		Friable	Weak	Granular
4-18	Loamy Sand	<35	10YR4/4		Friable	Weak	Granular
18-28	Loamy Sand	<35	10YR5/4		Friable	Weak	Blocky
28-36	Sandy Loam	<35	10YR5/4	7.5YR4/6	Friable	Weak	Blocky
36-60	Med Sand	<35	10YR6/4	7.5YR4/6	Loose	loose weak moderate strong	Single grain

19699 468th Lane McGregor MN **Soil Log #5**

Boring Pit 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 work was completed in accordance with MN 7080 and any local req's.

 0
Designer Signature

ENVIRONMENTAL SYSTEMS
Company

3945
License #

LOCATION MENAHGA

MN+WI

Established Series

Rev. HRF-HFA-JJJ-TWN

3/98

19699 468th

MENAHGA SERIES

The Menahga series consists of very deep, excessively drained to well drained soils that formed in sandy glacial outwash sediments on outwash plains, valley trains, and some moraines and drumlins. These soils have rapid permeability. Their slopes range from 0 to 55 percent. Mean annual precipitation is about 26 inches. Mean annual air temperature is about 42 degrees F.

TAXONOMIC CLASS: Mixed, frigid Typic Udipsamments

TYPICAL PEDON: Menahga loamy sand with a 1 percent nearly level slope on an outwash plain in a jack pine forest. (Colors are for moist soil unless otherwise noted.)

A--0 to 3 inches; very dark brown (10YR 2/2) loamy sand, grayish brown (10YR 5/2) dry; weak fine granular structure; very friable; many fine roots; 1 percent gravel; strongly acid; clear smooth boundary. (0 to 4 inches thick)

Bw--3 to 17 inches; dark yellowish brown (10YR 4/4) loamy sand; weak fine subangular blocky structure parting to single grain; very friable; common fine roots; 1 percent gravel; strongly acid; clear smooth boundary. (5 to 45 inches thick)

C1--17 to 37 inches; brownish yellow (10YR 6/6) sand; single grain; loose; few coarse roots; 1 percent gravel; moderately acid; gradual smooth boundary.

C2--37 to 64 inches; light yellowish brown (10YR 6/4) sand; single grain; loose; few coarse roots; 1 percent gravel; moderately acid; gradual smooth boundary.

C3--64 to 80 inches; light yellowish brown (10YR 6/4) sand; single grain; loose; few coarse roots; 5 percent gravel; slightly acid.

TYPE LOCATION: Hubbard County, Minnesota; about 1/2 mile northeast of Lake George; about 200 feet north and 400 feet west of the southeast corner, sec. 9, T.143N., R.34W.; USGS Lake George quadrangle; lat. 47 degrees 12 minutes 39.5 seconds N. and long. 94 degrees 59 minutes 5.5 seconds W., NAD 27.

RANGE IN CHARACTERISTICS: Depth to free carbonates is 40 inches or more. Typically, these soils do not have gravel, but in some pedons gravel of mixed lithology and mostly less than 1 cm in size comprises as much as 10 percent of the volume of the solum and C horizon, either as distinct strata or dispersed throughout part to all of the sandy matrix. The average texture in the 10- to 40- inch zone is coarse sand, sand, loamy coarse sand or loamy sand. Fine sand is less than 40 percent, medium sand is greater than 25 percent, and coarse sand and very coarse sand from 20 to 35 percent. Reaction in the solum typically is strongly acid to neutral. Some pedons have an O horizon as much as 2 inches in thickness. The soil moisture control section in 6 out of 10 years is dry for 20 to 35 consecutive days at some time during the 120 days following the summer solstice in most years.

The A horizon typically has hue of 10YR, value of 2 to 4, and chroma of 1 to 2. Some pedons have an E horizon as much as 6 inches thick with hue of 10YR, value of 4 or 5, and chroma of 1 or 2. The A and E horizons are coarse sand, sand, loamy coarse sand, or loamy sand. In cultivated areas the Ap horizon has moist value of 3 or 4 and/or dry value of 5 or 6.

Subsurface Sewage Treatment System Management Plan

Property Owner: MILLE LACS BAND OF OJIBWE Phone: 320-532-4181 Date: 06/10/2024
Mailing Address: 43408 OODENA DR. City: ONAMIA MN Zip: 56359
Site Address: 19699 468th LANE City: McGREGOR MN. Zip: 55076

This management plan will identify the operation and maintenance activities necessary to ensure long-term performance of your septic system. Some of these activities must be performed by you, the homeowner. Other tasks must be performed by a licensed septic service provider or maintenance provider.

System Designer: Recommends SSTS check every 36 months.
Local Government: Recommends SSTS check every _____ months.
State Requirement: Requires SSTS check every 36 months.
(State requirements are based on MN Rules Chapter 7080.2450, Subp. 2 & 3)

My System needs to be checked every 36 months.

Homeowner Management Tasks:

- Leaks* – Check (look, listen) for leaks in toilets and dripping faucets. Repair leaks promptly.
- Surfacing sewage* – Regularly check for wet or spongy soil around your soil treatment area.
- Effluent filter* – *Inspect and clean twice a year or more.*
- Alarms* – Alarm signals when there is a problem. Contact a service or maintenance provider any time an alarm signals.
- Event counter or water meter* – Record your water use.

-recommend meter readings be conducted (circle one: DAILY WEEKLY MONTHLY N/A)

Licensed septic service provider or maintenance provider (Check all that apply):

- Check to make sure tank is not leaking 36 MONTHS
- Check and clean the in-tank effluent filter (if exists)
- Check the sludge/scum layer levels in all septic tanks
- Recommend if tank should be pumped
- Check inlet and outlet baffles
- Check the drainfield effluent levels in the rock layer
- Check the pump and alarm system functions
- Check wiring for corrosion and function
- Check dissolved oxygen and effluent temperature in tank
- Provide homeowner with list of results and any action to be taken
- Flush and clean laterals if cleanouts exist

"I understand it is my responsibility to properly operate and maintain the sewage treatment system on this property, utilizing the Management Plan. If requirements in the Management Plan are not met, I will promptly notify the permitting authority and take necessary corrective actions. If I have a new system, I agree to adequately protect the reserve area for future use as a soil treatment system."

Property Owner Signature: _____ Date: _____

Designer Signature: [Signature] Date: 06/10/2024

See Reverse Side for Management Log

