FIELD EVALUATION SHEET

PRELIMINARY EVALUATION DATE 6-4-16, FIELD EV	ALUATION DATE SAME
PROPERTY OWNER: Julie Willock ADDRESS: Apolo 248th Place CITY, STATE, ZIP: 1	PHONE 763-234-8933
PIN# 14-0-045402 SEC 27 T 48 R 24 FIRE# LAKE/RIVER BASS LA	TWP NAME JEUNE
FIRE#LAKE/RIVER_BASSLA	KE CLASS RD OHWL FT.
DESCRIPTION OF SOIL TREATMENT AREAS AREA #1 AREA #2	PETERSIAS DA SI SI
AREA #1 AREA #2 DISTURBED AREAS YES NO YES NO	REFERENCE BM ELEV. 100 FT. REFERENCE BM DESCRIPTION
COMPACTED AREAS YES NO X YES NO	Flor of Attached grange
FLOODING YES NO YES NO	of himself gricing
RUN ON POTENTIAL YES NO X YES NO	J
SLOPE % /-2010	
LANDSCAPE POSITION BALKWAY J-Flat	1
VEGETATION TYPES GRASS	
DEPTH TO STANDING WATER OR MOTTLED SOIL: BORING	Dug Pit 7 Lizzp : SANd - no moth
BOTTOM ELEVATION-FIRST TRENCH OR BOTTOM OF ROC	KBED: #196.5 FT., #2 FT.
SOIL SIZING FACTOR: SITE #1 / 27 , SITE #2_	
CONSTRUCTION RELATED ISSUES: PIPE LUMIES OUT 21	form WEIL - NEEDS to GE
LIC# 1054 SITE EVALUATOR SIGNATURE: 1	
SITE EVALUATOR NAME: Tom Anton SEN TE	ELEPHONE# 218-851-7757
LUG REVIEW (KT) 6-13-16	DATE
Comments:	
	.4
SOIL BORING LOGS ON REVER	SE SIDE
APPROVED	
ONSITE INSPECTION	
NO ONSITE INSPECTION	
Form des 2/20/98 DATE 6-13	<u>-16</u>

SOILS CHARTS FOR BOTH PROPOSED AND ALTERNATE SITES

1 (PROPOSED) SOILS DATA

DEPTH TEXTURE: IMUNSELL (INCHES)

3" top soil

3'-84" 104x 4/4 to4/6 SAND dug Pit 7' DEEP

2 (PROPOSED) SOILS DATA

DEPTH TEXTURE MUNSELL

SHME

1 /ALTERNATEVSOUS DATA

	. (/12-10,	# 100 II	AIA
E	EPTH	TEXTURE	MUNSEL
171	MCFIEST	Discorder W. Co. Charge	CONTRACT

2 (ALTERNATE) SOILS DATA

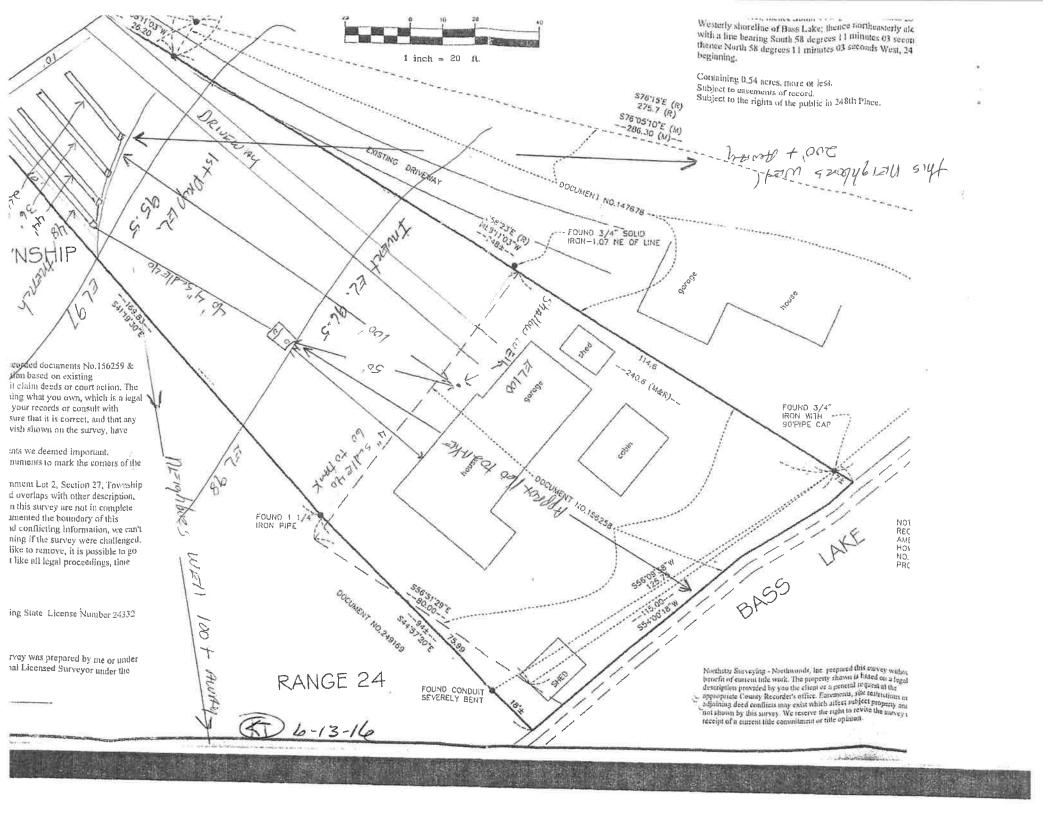
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(HACTICO): -: >	7-23-ac	COLORS	,
			- 10
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AD 6-13-16

TRENCH AND BED WORKSHEET

. 1. AVERAGE DESIGN FLOW	1	· Cation at a	10	- Maria la C	-0-0	
	5		а гемай	je Flows in G	ollons b	et nak
A. Estimated 450 gpd (see figure A-1)	1	nber of	Class	Class I	Clas	s III Class
or measured <u>x 1.5</u> (safety factor) = gpd	1000	2	300	225	18	2 (
B. Septic tank capacity gal (see figure C-1)	10	3)	(450	300	21	
	1,2	1	600	375	25	
2. SOILS (Site evaluation data)	1	5 "	750	450	29	
	1	6 7	900 1050	525 600	33	
C. Depth to restricting layer =ft		8	1200	675	40	
D. Max depth of system Item 2C - 3 ft = $\frac{7}{100}$ ft - 3 ft = $\frac{4}{100}$ ft			1200	1	1	00.01
E. Texture And Percolation rate MPI	010-2-02-01					
F. Soil Sizing Factor (SSF) 1.27 sqft/gpd (see figure D-15)	C-1: Sep	tie Timk Cap	acities (h.	gallons		
G. % Land Slope / %	Number o	Minim	ın Liquid	Liquid capaci	ily with I	Liquid capacity with disposal&
G. W Edited Stope 1	Bedrooms		acity	garbage dis	posal	lift inside
a manifold was normally than	2 or less		750	1125		1500
3. TRENCH or BED BOTTOM AREA	3 or 4 5 or 6		1000 1500	1500 2250		2000 3000
H. For trenches with 6 inches of rock below the pipe:	7, 8 or 9		2000	3000		1000
$A \times F = \underline{gpd \times gpd = gqft/gpd} = gqft$			104	124		
1. For trenches with 12 inches of rock below the pipe:		D. 40. 0	11 671		10.00	
$A \times F \times 0.8 = 450 \text{ gpd} \times 1.27 \text{ sqft/gpd} \times 0.8 = 457 \text{ sqft}$		Factor (S	SF) (> 3	cteristics an (separation)	011:2	izing
J. For trenches with 18 inches of rock below the pipe:		Percolation	Rate .	:	Soil Sizi	ng Factor
, I I		minutes pe (mpi)	rinch	Soil Texture	square fe	et/gallon gft/gpd)
$A \times F \times 0.66 = \underline{gpd} \times \underline{gpd} \times 0.66 = \underline{gft}$		faster than		Coarse sand		Je
K. For trenches with 24 inches of rock below the pipe:		0,1 to 5',		Medium sand Loamy sand	0,83 0.83	6
A x F x $0.6 = \phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$		0.1 to 5	- 1	Fine sand Sandy Inam	1.67 1.27	1
L. For gravity beds with 6 or 12 inches of rock below the pipe;		6 to 15 16 to 30 31 to 45	10	Loam Gilt loam	1.67	1
$1.5 \times A \times F = 1.5 \times gpd \times sqft/gpd = sqft$			- 14	Sile		1
		46 to 60		lay loam andy clay lifty clay	2.20	1
For pressure beds with 6 or 12 inches of rock below the pipe;		over 61 to 1			4.20	
$A \times F = \underline{gpd} \times \underline{gft/gpd} = \underline{gft}$		slower than		andy clay dity clay		1
			77 70 10	W		
4. DISTRIBUTION (Check all that apply)	l l	pressure di	tribution	dly permeable or serial distrit	ntion wit	h
Bed (< 6% slope) X Drop boxes (any slope) Rock		"Soil havin	50% or	or serial distrit thtal system, more fine sand used.	plus very	fine sand
Trenches Distribution box (< 3%) Chamber				used. nnance system		
			-			
Pressure Gravity Gravelless						
		D-9: Soil	Charact	eristics and 5	oil sizin	g
5. SYSTEM WIDTH, LENGTH and VOLUME	-			for Gravelles		
M. Select trench width =ft		percolatio (minutes/	n rate inch)	soil texture	linual for gallon/	day
N. If using rock, divide bottom area by width: $(H, I, J, K \text{ or } L) \div M =$	1-	Faster than	0.1-	Coarse Sand	77	
sqft =ft=lineal feet	1	0.1 to	5 - N	ledium Sand oarny Sand	0,28	
Rock depth below distribution pipe plus 0.5 foot times bottom area:	1	0.1 to 6 to 1:	5	andy Loam	0.6 0.42	
	- 1	16 to 3 31 to 4	5	county Sand ine Sand ** landy Loam Loam Silt Loam	0.56 0.67	
Rock depth in feet + 0.5 feet x Area (H,I,J,K, or L)	1	46 to 6	o c	v Loam (CL)	0.74	1
ft + 0.5 ft) xsqft =cuft	1	-		Sindy CL.		F
Volume in cubic yards = cuft ÷27	1	slower than	(60,	Clay Sandy Clay Silty Clay		
$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	1-					
Weight of rock in tons = cubic yds $\times 1.4$	1	Use system	se for sew. s for raph	lly permeable s	alic.	. 1
$cuyds \times 1.4 \stackrel{?}{=} $ tons	100	"Soil having "Soil with to	o high a p	ge treatment. By permeable s we line sand + v encentage of cla and inground s	rery lines. ly for	ind.
O. If using 10" Gravelless Pipe, Flow (A) x Gravelless SSF(see figure D-9,) L	metalianon	OI à STANN	ara inground s	уясин.	
gpd xlineal feet/gpd = lineal feet			5595	essental c		
B) If we're Charles 1777 - 1777 - 1777 - 11 - 11 - 11 - 11			1970	tida ta	FERNON	
P) If using Chambers, H,I,J, or K(based on hieght of chamber slats) +					C' Dak ny.	•
width of chamber in feet(M)			200	DESCRIPTION OF		
$\frac{957}{\text{sqft}} \div \frac{3}{3}$ ft= $\frac{152}{152}$ lineal ft	(40)		Ser.			
457 sqft + 3 ft= 152 lineal ft Pork USE IFILTERATOR - SEEP FOR 12" Siz	ing			342.23	6-24" Rox 3/4-2 1/2	:k
6. LAWN AREA			130	534535	3/4-11/	4
Q. Select trench spacing, center to center = 8 feet						
D. Multiple transfer of a last and the P. O. and a Classes are			X	₽34° ₩7d14		
R. Multiply trench spacing by lineal feet $R \times Q = sqft$ of lawn area						
# ft x / 8 2 ft = / 2 16 sqft						
7. Include a drawing with scale (one inch =ft). Show pertinent						
location of house, garage, driveway, all other imporvements, existing or pr	roposed	soil trea	almen	t system,	well a	nd
dimensions of all elevations, setbacks and separation distances.	-			-		
A						
Thereby cortify that Taya completed this work in accordance with appli	icable or	dinance	ie mil	es and las	A/S	
I hereby certify that have completed this work in accordance with appli						
Thereby certify that have completed this work in accordance with applitude the complete of the control of the c						e)



Subsurface Sewage Treatment System Management Plan

Property Owner:	WhiE Willock	Phone: 76-	3-234-8933	Date: 6-10-16
Mailing Address:		City:		Zip:
	06 248th PlACE		GREGOR MA	
Site Address. 77 7	or of to TheCE	City: 1112 C	SREGOR WIII	Zip: 55 160
performance of your s	n will identify the operation and ma eptic system. Some of these activiti a licensed septic service provider.		•	_
Local Government:		months. months. months.	My System needs	
Homeowner N	∕lanagement Tasks	-		,
	– Check (look, listen) for leaks in toi	lets and drippin	g faucets. Repair leaks r	promptly.
	ing sewage – Regularly check for w			• •
	nt filter – Inspect and clean twice a y			
Alarms	s – Alarm signals when there is a pro	oblem. Contact a	a service provider any ti	me an alarm signals.
Event	counter or water meter – Record yo			
	-recommend meter readings be c	onducted (<i>circle</i>	one: <u>DAILY</u> <u>WEEK</u>	LY MONTHLY)
Professional N	lanagement Tasks			
	Check to make sure tank is not lea	aking		
	Check and clean the in-tank efflue	ent filter		
	Check the sludge/scum layer leve	ls in all septic ta	nks	
	Recommend if tank should be pur	nped		19%
	Check inlet and outlet baffles			
	Check the drainfield effluent level	s in the rock lay	er	
	Check the pump and alarm systen	n functions		
	Check wiring for corrosion and fur	nction		
	Check dissolved oxygen and efflue	ent temperature	: in tank	
	Provide homeowner with list of re	sults and any ac	ction to be taken	
	Flush and clean laterals if cleanou	ts exist		
Management Plan. If requ	ponsibility to properly operate and ma uirements in the Management Plan are ons. If I have a new system, I agree to a	not met, I will pr	omptly notify the permitti	ing authority and take
Property Owner Signati	ure:		Date:	
Designer Signature:	10m Mesousin	()	Date: 6	-10-16