

**E**

Type



Plans

**WSR16-0094**

Permit Number

**9425**

Street Number

**BEN way**

Street Name

**HEA**

Community Code

**109-460-003**  
~~**089-200-012**~~

APN

# Request for Well and Septic Service

WLS-006

**PURPOSE:** This form is used to request a paid service from the Well & Septic Division of the Permit and Resource Management Department (PRMD) related to an existing or proposed septic system. A permit application may be required following the requested service.

7/22/16  
Date of Request  
9425 BEN WAY  
Site Address  
CAZADERO, CA 95421  
City/Town Zip  
DIMENSIONS 4 ENGINEERING  
Applicant Name  
2952 MENDOCINO AVE, SANTA ROSA, CA 95403  
Mailing Address State/Zip  
707-578-3433  
Day Phone

WSR16-0094  
SEV Number  
SEAVIEW RD.  
Cross Street  
109-460-003  
Assessor's Parcel Number  
MICHAEL HALLETT  
Property Owner's Name  
9425 BEN WAY, CAZADERO, CA 95421  
Mailing Address State/Zip  
707-847-3468  
Day Phone

Service Requested:

PRE-PERCOLATION SITE EVALUATION

DO NOT WRITE BELOW THIS LINE - To Be Completed by PRMD Staff

Code Enforcement Violation Yes  No

Violation #

Status

Staff Comments/Notations

Staff Signature

Date Completed

**Sonoma County Permit and Resource Management Department**  
2550 Ventura Avenue ♦ Santa Rosa, CA ♦ 95403-2829 ♦ (707) 565-1900 ♦ Fax (707) 565-1399

HC - 8/30/16



**COUNTY OF SONOMA**  
**PERMIT AND RESOURCE MANAGEMENT DEPARTMENT**

2550 Ventura Avenue, Santa Rosa, CA 95403  
(707) 565-1900 FAX (707) 565-1103

Date of Request: July 22, 2016  
Site Address: 9425 Ben Way  
Service Requested: **Site Review**

SEV Number: WSR16-0094

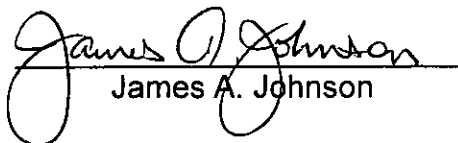
APN: 109-460-003

8/23/16. A pre-perc site review was conducted this date with Ted Park and Doug Donman, PE D4 Engineering. 3 profile holes were evaluated and logged (see attached field notes) for the **purpose of finding soil suitable for a Class 1 OWTS to connect a guest house currently served by a composting toilet since 1977.** There is a 2-bedroom main house served by a 3-bedroom septic system (S-19438) 72" deep with 30" gravel below pipe finaled 7/11/1973. The Clivus Multrum composting toilet clearance with conditions was cleared on 3/28/1977 and the "Alternative Study Site Agreement" was signed by the owner on 3/5/1979. The site is served by an onsite well.

Profile holes A, B, C – Soils appear to be Josephine loam; friable to firm sandy clay loam to 29/48" over more firm sandy clay loam to 96". No mottling observed. Slope approximately 6%. Topo map is required. Hydro/PI at 96" between lines #1 & 2 near profile B = sandy loam. Site has potential for an Addition Repair. The first d-box was exposed and Orangeburg pipe was clogged with roots. Need to remove pipe and 9" gravel and replace with Infiltrators. Lines #2 & 3 were not being used. Infiltrators can be installed over the existing gravel for a 30" gravel credit. Use sizing based on 30 mpi. Maintain 10 ft to grade break and 100 ft to well.

When submitting an engineered septic design for permit, show all test holes for the site including profiles, perc tests and groundwater determinations previously tested and found to be no good. Show any proposed and existing onsite and neighboring wells. Also, please show the location of any existing septic systems and floor plans for all structures. **THE SYSTEM MAY BE SUBJECT TO A COASTAL PERMIT. PLEASE CONTACT A PLANNER AS THIS APPROVAL CAN SIGNIFICANTLY DELAY A PROJECT, INCLUDING THE INSTALLATION OF THE SEPTIC SYSTEM.**

This is a zone 4 water scarce area. The parcel does not need to be considered for review for setback to an impaired surface water body or tributary since the area tested does not fall within the minimum 600 ft setback as established by the State Water Resources Control Board pursuant to Section 303(d) of the federal Clean Water Act.

  
James A. Johnson

8/23/16  
Date

# PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

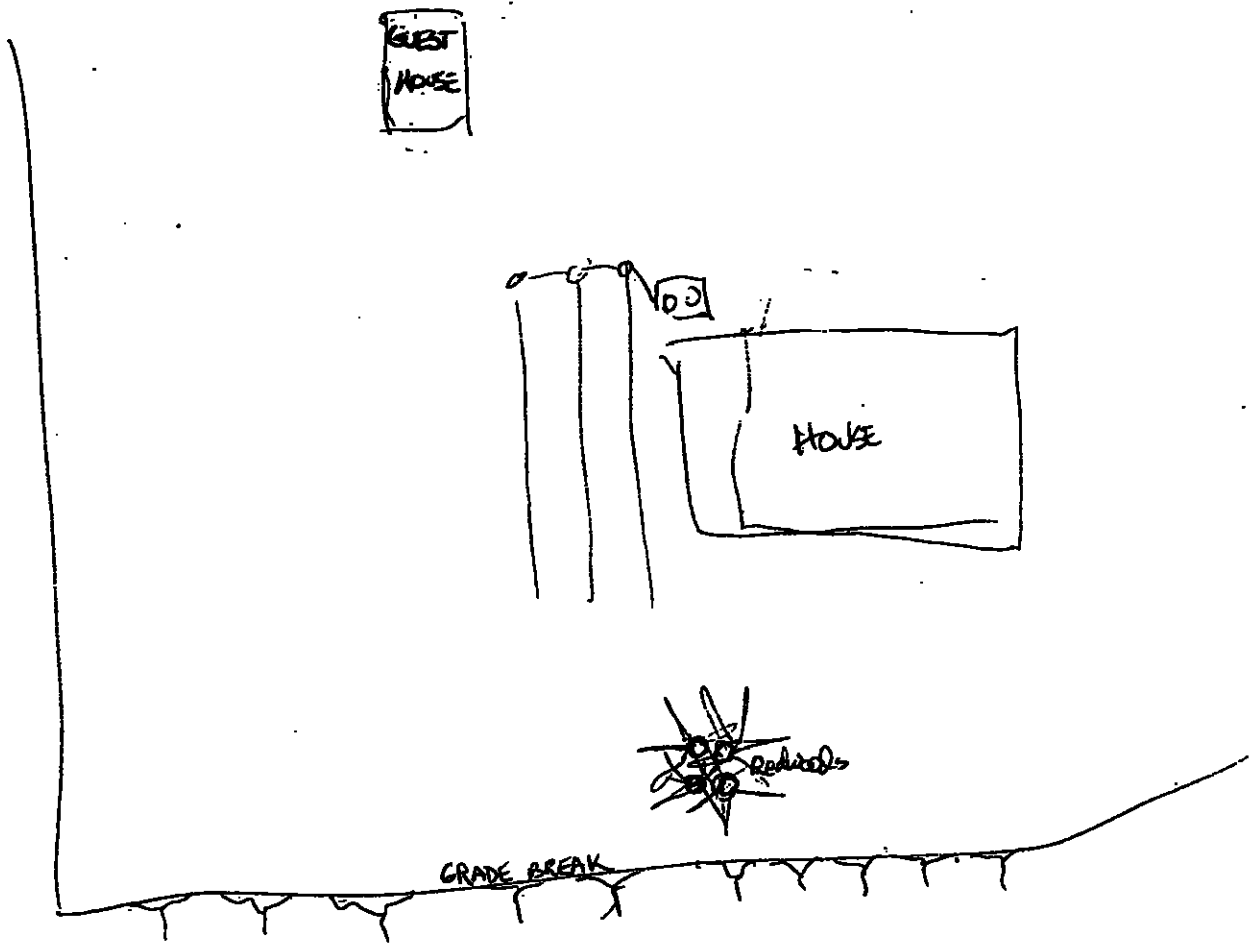
2550 Ventura Avenue, Santa Rosa, CA 95403 - (707) 527-1900

## Pre-Perc Field Notes

WSR16-0094

Address: <u>9425 Ben Way</u>	Pre-Perc date: <u>8/23/16</u>	Time: <u>10:40</u>
AP#	Site Review by: <u>James Johnson</u>	
Test conducted by: <u>Ted Park, DA Eng</u>	Subdivision: Yes <input type="checkbox"/> No <input type="checkbox"/>	Initial <input type="checkbox"/> Supp. <input type="checkbox"/>
Test verified by: <u>Doug Donnan, PE</u>	Water availability zone:	
Special standards area:	SCS soil type:	
Topography: Ridge <input type="checkbox"/> Slope <input type="checkbox"/> Saddle <input type="checkbox"/> Basin <input type="checkbox"/>	Convex <input type="checkbox"/> Planar <input type="checkbox"/> Concave <input type="checkbox"/>	
Setbacks: Cutbank/grade break <input type="checkbox"/> Wells <input type="checkbox"/> Springs <input type="checkbox"/> Streams <input type="checkbox"/> Ponds <input type="checkbox"/> Drainage <input type="checkbox"/>		
Areas of concern: Trees <input type="checkbox"/> Drainage <input type="checkbox"/> Geology report <input type="checkbox"/> Rock outcrops <input type="checkbox"/> % Rock: <span style="float: right;">GW <input type="checkbox"/></span>		
Hydrometer test: Yes <input type="checkbox"/> No <input type="checkbox"/> Depth(s):		Bulk density: Yes <input type="checkbox"/> No <input type="checkbox"/> Depth:
Wet-weather perc required: Yes <input type="checkbox"/> No <input type="checkbox"/>		Wet-weather groundwater required: Yes <input type="checkbox"/> No <input type="checkbox"/>
Subsoil perc depth(s):		Pump System: Yes <input type="checkbox"/> No <input type="checkbox"/> Perc depth(s):
Type of system: <u>Existing 2 BR house w/ 1 BR Garage</u> Eng. Design <input type="checkbox"/> Topographic map req. <input type="checkbox"/> Geology report req. <input type="checkbox"/>		
Comments: <u>wants to connect second unit on composting toilet into existing system. potential infiltrators over existing gravel trenches - 1st line plugged w/ roots (remove Orangeburg &amp; 9" gravel), 2nd &amp; 3rd line can place infiltrators</u>		

Site Map: over existing unused lead lines. Original system from 1973 = ~~42~~<sup>48</sup>" deep Hydro between lines #1 & 2 near profile 16-B = Sandy loam. 30" gravel credit. Fee = Addition Repair; Base sizing on old perc tests.



Profile:				Average Ground Slope:				
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
Mottling:		Reduction <input type="checkbox"/>	Oxidation <input type="checkbox"/>	Depth to groundwater:			Perc depth:	
Other:								

Profile:				Average Ground Slope:				
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
Mottling:		Reduction <input type="checkbox"/>	Oxidation <input type="checkbox"/>	Depth to groundwater:			Perc depth:	
Other:								

Profile:				Average Ground Slope:				
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
Mottling:		Reduction <input type="checkbox"/>	Oxidation <input type="checkbox"/>	Depth to groundwater:			Perc depth:	
Other:								

**Abbreviations:**

USDA Texture: Gravel=G, Sand=S, Loamy Sand=LS, Sandy Loam=SL, Sandy Clay Loam=SCL, Sandy Clay=SC, Silt Loam=SiL, Loam=L, Clay Loam=CL, Silty Clay Loam=SiCL, Clay=C

Structure: Granular=G, Platy=p, Blocky=B, Prismatic=Pr, Massive=M, Columnar=C

Consistency: Loose=L, Very Friable=VFr, Friable=Fr, Firm=F, Very Firm=VF, Extremely Firm=EF, Solid (BH refusal)=S

Moisture: Dry=Dr, Damp=D, Very Damp=VD, Saturated=S, Seepage=Se

9425 Ben Way

8/23/16

WSR16-0094

Profile: 16-A		Average Ground Slope: 6%						
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-28"	10yr 5/6	15%	SCL	B	Fr-F	Dr	mm	mm
29-96"	7.5yr 4/6	15%	SCL	G	Fr-F	D	mm	mm
Mottling:		Reduction <input type="checkbox"/>	Oxidation <input type="checkbox"/>	Depth to groundwater:			Perc depth:	
Other:								

Profile: 16-B		Average Ground Slope: 6%						
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-5"	10yr 3/4	<10%	SCL	B	VFr	D	mm	mm
5-96"	7.5yr 4/6	<10%	SCL	B	F-VF	D	FF	FF
Mottling:		Reduction <input type="checkbox"/>	Oxidation <input type="checkbox"/>	Depth to groundwater:			Perc depth:	
Other:								

Profile: 16-C		Average Ground Slope: 15-20%						
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-48"	10yr 5/6	<10%	SCL	B	Fr	D	MF	MF
49-96"	10yr 4/6	<10%	SCL	B	Fr-F	D	MF	FF
Mottling:		Reduction <input type="checkbox"/>	Oxidation <input type="checkbox"/>	Depth to groundwater:			Perc depth:	
Other:								

**Abbreviations:**

- USDA Texture: Gravel=G, Sand=S, Loamy Sand=LS, Sandy Loam=SL, Sandy Clay Loam=SCL, Sandy Clay=SC, Silt Loam=SIL, Loam=L, Clay Loam=CL, Silty Clay Loam=SiCL, Clay=C
- Structure: Granular=G, Platy=p, Blocky=B, Prismatic=Pr, Massive=M, Columnar=C
- Consistency: Loose=L, Very Friable=VFr, Friable=Fr, Firm=F, Very Firm=VF, Extremely Firm=EF, Solid (BH refusal)=S
- Moisture: Dry=Dr, Damp=D, Very Damp=VD, Saturated=S, Seepage=Se

COUNTY ASSESSOR'S PARCEL MAP

TAX RATE AREA  
83-006

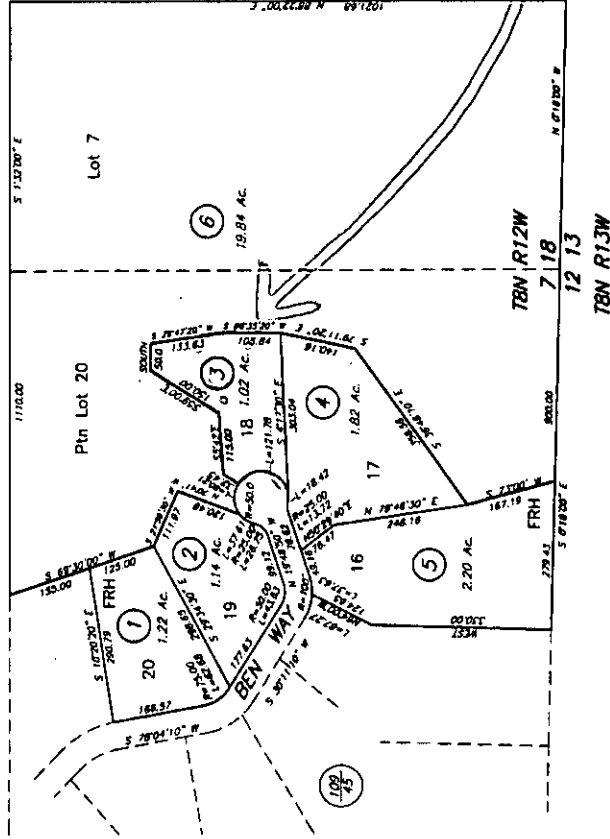
109-46

Ptn of FORT ROSS HIGHLANDS  
REC. 10--28--1966 IN BK. 113, MAPS, PGS. 13-16



SCALE: 1"=200'

Part of Lot 20, Sec. 7, T8N R12W  
Lot 7, Sec. 18, T8N R12W



REVISED

Assessor's Map Bk. 109, Pg. 46  
Sonoma County, Calif. (MCO)

KEY J-7-12 KB

NOTE: This map was prepared by Assessment personnel only and does not indicate either parcel legality or a valid building site. No liability is assumed for the accuracy of the data obtained. The Assessor is not responsible for any errors or omissions in this map. (E.g., recorded survey maps, recorded deeds, prior assessment maps, etc.)

NOTE: Assessor's parcels do not necessarily constitute legal lots. To verify legal parcel status, check with the appropriate city or county community development or planning division.

COUNTY ASSESSOR'S PARCEL MAP

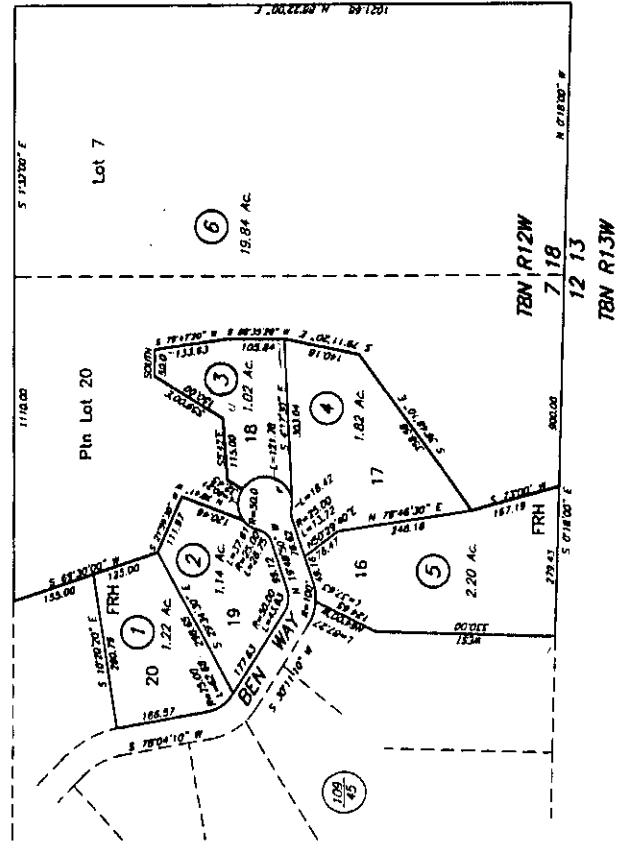
TAX RATE AREA  
83-006  
109-46

Pln of FORT ROSS HIGHLANDS  
REC. 10-26-1966 IN BK. 113, MAPS, PGS. 13-16



SCALE: 1"=200'

Part of Lot 20, Sec. 7, T8N R12W  
Lot 7, Sec. 18, T8N R12W



109-46

109-46

NOTE: This map was prepared for Assessment purposes only and does not indicate either parcel legality or a valid building site. No liability is assumed by the Assessor for any information furnished. The acreages are based on the information supplied to the Assessor (i.e. recorded survey maps, recorded sales, prior assessment maps, etc.)

NOTE: Assessor's parcels do not necessarily constitute legal lots. To verify legal parcel status, check with the appropriate city or county community development or planning division.

REVISED

Assessor's Map Bk. 109, Pg. 46  
Sanoma County, Calif. (4040)

KEY 3-7-12 KB