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Date: July 8, 2020

Jose Torales & Erika Andrade  
4559 Sebastopol Rd.  
Santa Rosa, CA 95407

**Re: Operational Permit Inspection**

**System Location:** 4559 Sebastopol Rd.

**OPR#:** 01-3511

Date of Inspection: June 24, 2020

Inspector Name: Thomas Haugg

Contact Information: 707-565-8351; [Thomas.Haugg@Sonoma-county.org](mailto:Thomas.Haugg@Sonoma-county.org)

Our office performed a routine site inspection of your nonstandard septic system as authorized by Chapter 24 of the Sonoma County Code. The purpose of this inspection is to ensure your system is operating properly for the protection of public health and groundwater resources. The inspection revealed the conditions detailed on the following page(s).

Please feel free to contact me for any questions you may have regarding this permit.

Sincerely,

Thomas Haugg  
Engineering Technician I  
Engineering & Water Resources Division, Permit Sonoma County  
2550 Ventura Avenue, Santa Rosa CA 95403

1. The system appeared to be operating in an acceptable manner.
2. We have not been receiving your required self-monitoring reports as is required of your operational permit. To be in compliance, please remember that monitoring of your system is required twice a year during the months of March and October.
3. Please note the recommended maintenance and reminders listed at the top of your self-monitoring form.
4. The septic system's soil cover is being damaged by pocket gophers, voles, ground squirrels, moles, etc. The effect of these animals can be extensive, including damaged septic piping and surfacing effluent. The holes and tunnels need to be filled and the field maintained. You can fill in the holes and eroded areas on your system with loam or similar soil.
5. It was not possible to find all of the monitoring wells. We could not find 3 of the 7 wells designed for your system. Please permanently mark the locations of all required monitoring wells for future inspections. To aid in finding the wells, you may obtain a copy of the septic plans (showing monitoring well locations) from the Permit Sonoma office or from the consultant who designed the system.
6. Due to the fact that you have not operated the system for a full two years, you are not eligible for the Reduced Annual Fee Permit (RAFP) program at this time. Continued diligence in the operation and maintenance of your nonstandard system may allow for your system to qualify in the future. A two year track record of acceptable operation and consistent monitoring is required before a RAFP can be considered.

For further information regarding the RAFP, please see form WLS-016 'Non-Standard Septic System Reduced Annual Operational Permit Fee' on our website at <http://www.sonoma-county.org/prmd/>.

**PERMIT SONOMA-MONITORING FORM**  
Nonstandard Septic System - Site Inspection Report

Site Address: 4559 Sebastopol Rd SRO7 Meet Owner onsite?? yes

System Type: (Mound) PD, Drip, At-Grade)

Site ID No.: OPR 01 - 3511

Weather Conditions: DRY WET

Pretreatment: no

Service Provider? no

**Monitoring Well Information:**

Well number	Distance from the top of the ground to the top of the water (if dry, write "dry")	Well number	Distance from the top of the ground to the top of the water (if dry, write "dry")
1	dry upslope inches	6	? down inches
2	↓ moved inches	7	↓ slope inches
3	↓ inches	8	inches
4	dry toe inches	9	inches
5	? inches	10	inches

**Control/Alarm Box Information:**

Does the system have a pump? ☒ Yes ☐ No  
 Does the system have a Dose Counter? ☒ Yes ☐ No  
 Does Dose Counter advance in the manual mode? ☒ Yes ☐ No  
 Do you have a diversion valve? ☐ Yes ☒ No if yes, which field is it serving? \_\_\_\_\_

Does Audible Alarm work? ☒ Yes ☐ No  
 Does Alarm Light work? ☒ Yes ☐ No

**Fill out the information below if you have a dose counter:** (If you do not have a dose counter but have a timer that reads in elapsed minutes, please write the elapsed minutes)

Current dose counter reading	<u>9568</u>	Today's date	<u>Jun 24</u> 2020
Previous dose counter reading	<u>8600</u>	Date of previous counter reading	<u>6/27/18</u>
Number of doses	<u>968</u>	Number of days	<u>728</u>

Number of doses divided by number of days = 1.3 doses per day  
 Times 122 gallons per dose\* for your system = 162 gallons per day (for this specific time period)  
 System is designed for: 480 gallons per day

**General Condition of System - Note any maintenance/repairs done on system since last monitoring, ie: tank pumped, alarm repaired, pump replaced, system purged & balanced and by who. We like to hear that owners are providing routine maintenance. It helps us evaluate our septic inventory.**

VALVES OK TANK LIDS OK MW LIDS OK VALVE LIDS OK

VEGETATION OK MWS FOUND 4 OF 7 GOPHERS yes PANEL CONDITION OK

EXPANSION OK

I-DRAIN OUTFALL \_\_\_\_\_

PAST CONCERNS? couldn't find 3 of 7 mw, heavy gophers.  
System looks good.

Inspection By: Thomas Haugg  
 Form modified 12/15 for field use

Date: Jun 24 2020

# SCORE SHEET

OPR01-3511

Insp. Date June 24, 2020

ADMINISTRATIVE ISSUES				
<b>Renewal Date</b>			150	OPR#
Fees outstanding or over 60 days late (Sept 30)			X	046
<b>SMF Submittal</b>	10	25	150	OPR#
Inaccurate or incomplete: (a) sketch; (b) measurements; (c) calculations; (d) panel test		X		007
Untimely (incorrect month)		X	repeat	006
Self Monitoring Form not being submitted (missing 2 or more of last 4 reports)			X	006
Not marking Diversion valve or field being served		X		004
SYSTEM COMPONENTS COND'N				
<b>Alarm Box</b>	10	25	150	MACRO
Alarm panel not secure - secure to or replace post	X			008
Alarm panel is not water-tight - hole, insects	X			009
Cut veg around panel for access	X			
Alarm box is damaged or inoperative			X	Notice of Correction
Electrical Hazard- wiring exposed (In or near panel)			X	Notice of Correction
Alarm light (if applicable) doesn't work or not connected	X		Repeat Notice of Correction	011
Audible alarm doesn't work or not connected		X	repeat	011
Dose counter - no advance in manual mode		X	repeat	012
Has no dose counter ( <b>only VAR2 possible</b> )		X		013
Alarm panel has no power			X	Notice of Correction
No Test Circuit in Alarm Panel	Reminder			010
<b>Monitoring Wells</b>	10	25	150	OPR#
≤ 50% MWs - Not found __3__ of __7__	X			016
≥ 50% MWs - Not found ____ of ____		X	repeat	016
MW to be repaired (A), replaced (B), or missing (C)		A	B / C	018A-B-C
Remove dirt or debris from MW (tube or above)		X		019
MW lids need replacement (Not Christy® boxes)	X		Repeat Notice of Correction	020
Reminder				
<b>Purge and Adjust Valve Boxes</b>	10	25	150	OPR#
Unable to locate valve boxes (Purge history?)	<50%	>50%		024
Valve boxes filled w/dirt.	X			024A
System needs Purge and Adjust (field obs)		X		025
Valve box covers damaged or missing - replace	X			026
Valves damaged or not sealing			X	Notice of Correction
Reminder				
<b>Tank, Pretreatment</b> (Exterior Observation)	10	25	150	OPR#
Risers need repair/replacement - GW leakage		X	repeat	029
Riser lids not secure (potential safety hazard)		X	repeat	030
Pretreatment unit turned OFF or damaged			X	Notice of Correction
No Pretreatment SP - SEPT 2016 system or newer			X	Notice of Correction
No Pretreatment SP - New Owner			X	Notice of Correction
Reminder				

SYSTEM FUNCTION/ IMPACTS				
<b>Groundwater</b>	10	25	150	OPR#
GW <24" and >12" below system - winter mo.	X			022
GW <12" below system - winter mo.		X		022
GW <24" but >12" below system - dry mo.		X		022
GW < 12" below system - dry mo			X	022
<b>Design Flow Rate (DFR)</b>	10	25	150	OPR#
Exceedances - dose meter readings (ck. Dose/float)		X	Repeat Notice of Correction	014
Exceedances in wet/winter months; infiltration (ck for tank leaks)		X	repeat	015
FIELD OBSERVATIONS				
<b>System and Expansion Areas</b>	25	50	150	OPR#
System Area encumbered, altered, compromised			X	031
Exp. area encumbered, altered, compromised			X	032
Improper setbacks to constructed structures, drainages, decks.		X		033
Unable to locate I-drain outfall or impacted	X		repeat	044
Reminder				
<b>Animals/ Other Impacts</b>	25	50	150	OPR#
Large animals on system		X		034
Heavy equipment on system		X		035
trash, tree limbs, debris on system / in setback		X		035A
<b>Vegetative Cover</b>	10	25	150	OPR#
Irrigation on system (other than drip)	X	repeat		037
Vegetation IN syststem area; remove	X	repeat	X	038
Unapproved and inappropriate material applied over system (reduced evapotrans) <i>add details:</i>		X		039
No erosion control; system area and/or exp shows erosion damage - lack of vegetation		X		040
Excess vegetation- cut; 3-9"; ride on mower	X	X	repeat	041, 041A
<b>Excess veg PROHIBITS insp of leach field</b>				Notice of Correction
Close proximity of trees/shrubs or inappropriate vegetation ( <i>add details</i> )	X	X		042
Holes in system (gopher or other) need repair	X	X		043
<b>TOTAL SCORE</b>	10			

<b>SCORING SYSTEM</b>	100-150 PTS=	C (NO RF)
0-35 POINTS = A	151-199 PTS =	D (NO RF)
36-99 PTS = B	200+ PTS =	F (NO RF)

<b>001</b>	Acceptable Operation	<b>046</b>	No or late payment
<b>001B</b>	Consistent Monitoring	<b>048</b>	thanks, addressed issues
<b>001C</b>	Thank you for utilizing SP	<b>051</b>	Address next inspection
<b>001D</b>	Routine maintenance reminder	<b>054</b>	< 2 yr. Old
<b>001E</b>	No maintenance info SMF	<b>055</b>	< 2 yr owner
<b>001F</b>	Float adjustment info	<b>056</b>	No RF due to no Self Mon.
<b>002</b>	Update contact info	<b>057</b>	No RF - Issues to address
<b>036</b>	Good veg. Cover	<b>058</b>	Yes RF 2 yr
<b>045</b>	Rec. Reminder	<b>059</b>	Yes, RF 3yr