



Date: June 7, 2021

Scott & Linda Heffner
22103 Amanita Circle
Jenner, CA 95450

Re: Operational Permit Inspection

System Location: 22103 Amanita Cir
Permit: OPR95-1957
Date of Inspection: April 30, 2021
Inspector Name: Thomas Haugg
Contact Information: 707-565-8351; 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 II
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. Thank you for meeting me on site and speaking with me regarding your septic system. As we discussed the septic leach field location is not currently specifically known. The valve boxes must be located and made accessible for regular maintenance and inspection. A copy of the site plan was emailed along with instructions to access permit information on the County's Permits Online site, which include previous submitted self-monitoring and PRMD inspections.
3. It was not possible to find all of the monitoring wells. We could not find 2 of the 5 wells designed for your system. Please permanently mark the locations of all required monitoring wells for future inspections. Ensure all monitoring wells are accessible for measurement.
4. It is recommended to purge and balance commercial non-standard septic systems annually in order to prolong the life of the system, forestalling expensive repairs.
5. When any routine maintenance (pumping tanks, purge & balance) and/or pump/float replacement is performed, please provide more specifics and/or receipt (name of contractor, date performed, type of work, etc.). This is important in maintaining a Reduced Annual Fee Permit (RAFP) and to qualify for a level 3 RAFP.
6. We encourage regular maintenance of vegetation on the drainage area / leach field. This includes cutting the grasses and removing the clippings and using recommended native plants. Cut back any branches or bushes around the drain field that limit access to monitoring wells or valve boxes. For more information refer to WLS-017 on our website.
<http://sonomacounty.ca.gov/PRMD/Instructions-and-Forms/WLS-017-Landscape-Guidelines-for-Non-Standard-Septic-Systems/>
7. Be aware of your septic system's expansion or reserve area. This is designated reserved land that must remain unencumbered and free of alteration and grading. The plan set showing designated areas for your system can be obtained from the records department of Permit Sonoma or from the designing engineering firm.
8. Note the recommended maintenance and reminders listed at the top of your self-monitoring form.
9. 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 non-standard 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: 22103 Amanita Cir. Jen Meet Owner onsite?? yes - New owner

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

Site ID No.: OPR 95 - 1957

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 upslope?	not found inches	6	inches
2 within	dry inches	7	inches
3 below	dry inches	8	inches
4 lateral N	lid seized - can't open inches	9	inches
5 lateral S	not found 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>6179</u>	Today's date	<u>April 30</u> 202 <u>0</u>
Previous dose counter reading	<u>too long ago</u>	Date of previous counter reading	
Number of doses		Number of days	

Number of doses divided by number of days = _____ doses per day
 Times 280 gallons per dose* for your system = _____ gallons per day (for this specific time period)
 System is designed for: 450 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 not found TANK LIDS ok MW LIDS ok VALVE LIDS see below

VEGETATION see below MWS FOUND 3 OF 5 GOPHERS yes PANEL CONDITION ok

EXPANSION Remind

I-DRAIN OUTFALL _____

PAST CONCERNS? 2/19 - had issues locating system

system components not found (valves - purge & distribution)
need to identify system layout & then remove items on it
that are of concern - wood piles

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

Date: April 30 2020

SCORE SHEET

OPR95-1957

Insp. Date April 30, 2021

ADMINISTRATIVE ISSUES				
Renewal Date			150	OPR#
Fees outstanding or over 60 days late (Sept 30)			X	046
SMF Submittal	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				
Alarm Box	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 (only VAR2 possible)		X		013
Alarm panel has no power			X	Notice of Correction
No Test Circuit in Alarm Panel	Reminder			010
Monitoring Wells	10	25	150	OPR#
≤ 50% MWs - Not found ___2___ of ___5___	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				
Purge and Adjust Valve Boxes	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				
Tank, Pretreatment (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
TCOM/VCOM Panel - SP required			X	Notice of Correction

SYSTEM FUNCTION/ IMPACTS				
Groundwater	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
Design Flow Rate (DFR)	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				
System and Expansion Areas	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				
Animals/ Other Impacts	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
Vegetative Cover	10	25	150	OPR#
Irrigation on system (other than drip)	X	repeat		037
Vegetation IN system 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
Excess veg PROHIBITS insp of leach field				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
TOTAL SCORE	35			

SCORING SYSTEM	100-150 PTS =	C (NO RF)
0-35 POINTS =	A	D (NO RF)
36-99 PTS =	B	F (NO RF)

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