

**Septic System Evaluation Form for Rebuilds and Temporary Housing
(Sonoma Complex Fire)**

(Unless otherwise noted, responses are required for all fields below)

Site Information:

5415 Wilshire

Site Address

067-100-008

Assessor's Parcel Number(s)

Santa Rosa

City/Town/Location

12/17/2021

Date of Evaluation

Qualified Professional:

Mike Treinen

Name

707-843-1119

Phone

treinen@sonic.net

Email

Mike Treinen Consulting

Company (if applicable)

4910 Hayfield Ct.

Address

Santa Rosa Ca 95404

City/State/Zip Code

Required Supporting Documentation:

A site plan and all documents used to evaluate the septic system must be provided. The site plan may be a copy of the originally approved septic plans or a plan prepared by the Qualified Professional. The site plan shall be drawn to scale (minimum 1"=20') and be of sufficient clarity to identify the following minimum requirements: all major septic system components (type, location, size, reserve replacement area), site address, Assessor's Parcel Number, north arrow, scale, property lines, building locations, buildings served by the septic system, roads, all required setbacks, and any significant site features.

General Septic System Information:

Is the existing septic system a cesspool? No ☒ Yes ☐ (If "Yes" then a new septic system is required)

Was the existing septic system permitted? Yes ☒ No ☐ Pre-code ☐ Unknown ☐

Permit #: 641-62

OPR# (if applicable): n/a

Design capacity (identify # of permitted bedrooms, gallons per day, or Unknown: Three bedrooms)

Is there a site plan provided with evaluation? Yes ☐ No ☒

Are there historical records or supporting documentation provided with evaluation? Yes ☒ No ☐

Comments/Recommendations: original permit and design



Dispersal System Information:

Type of existing dispersal system: Standard ☒ Mound ☐ At-Grade ☐ Filled Land ☐
Shallow Sloping ☐ Subsurface Drip ☐ Shallow Trench Pressure Distribution ☐
Bottomless Sand Filter ☐ Seepage Pit ☐ Unknown ☐ Other: _____

Determination of dispersal system type and location: Existing County records used? Yes ☒ No ☐

Uncovered/Observed portions of disposal system? Yes ☐ No ☒ Assumption(s) made? Yes ☐ No ☒

If dispersal system type or location was assumed, explain why and how: _____

Other: _____

Determination of dispersal system function: Uncovered and evaluated distribution boxes? Yes ☐ No ☒

Hydraulic load test performed? Yes ☒ No ☐ Result: Satisfactory - water for test was imported

Other: _____

Condition of dispersal system: Functioning properly and acceptable for reuse? Yes ☒ No ☐

Replacement required? Yes ☐ No ☒ Other: _____

Comments/Recommendations: Portion of leach field under asphalt

Septic Tank Information:

Does the existing septic system have a septic tank? Yes ☒ No ☐ Size: 1,200.00 Gallons

Septic tank material¹: Concrete ☒ Fiberglass ☐ Plastic ☐ Metal ☐ Wood ☐ Other: _____

Number of compartments in septic tank: 1 ☐ 2 ☒ Other: Pumped by Quality Septic Service

Lids and risers present? Yes ☒ No ☐ Effluent filter present? Yes ☒ No ☐

Inlet baffle/Tee present? Yes ☒ No ☐ Outlet baffle/Tee present? Yes ☐ No ☒

Septic tank condition: Acceptable for reuse? Yes ☒ No ☐ (If "No" then tank replacement required with permit)

Comments/Recommendations: Minor outlet lid fire damage - replace lid

The tank outlet filter should be pulled and hosed off at least every year

¹ Tanks not made of concrete, fiberglass, or plastic materials must be replaced with permit to comply with county standards.

Sump Tank Information:

Does the existing septic system have a separate sump tank? Yes ☐ No ☒ Size: _____ Gallons

Sump tank material²: Concrete ☐ Fiberglass ☐ Plastic ☐ Metal ☐ Wood ☐ Other: _____

Lids and risers present? Yes ☐ No ☐ Pump Operational? Yes ☐ No ☐ (Pump replacement required)

Sump tank condition: Acceptable for reuse? Yes ☐ No ☐ (If "No" then tank replacement required with permit)

Does the existing septic system have a control panel? Yes ☐ No ☐ Type/Model: _____

Condition of control panel: Acceptable for reuse? Yes ☐ No ☐ (If "No" then replacement required with permit)

Comments/Recommendations: _____

² Tanks not made of concrete, fiberglass, or plastic materials must be replaced with permit to comply with county standards.

Pretreatment Unit Information:

Does the existing septic system have a pretreatment unit? Yes ☐ No ☒ Type/Model: _____

Condition of pretreatment unit: Acceptable for reuse? Yes ☐ No ☐ (If "No" then replacement required with permit)

Comments/Recommendations: _____

Appurtenant Components Information:

Identify components that have been repaired or replaced in-kind without permit as allowed under the permitting guidelines for septic system repair or replacement work for properties impacted by the Sonoma Complex Fire.

☐ Lids, Risers, or covers ☐ Effluent filter ☐ Inlet baffle/Tee ☐ Outlet baffle/Tee

☐ Cleanout(s) ☐ Monitoring well(s) ☐ Distribution box(es)

☐ Valve boxes (balancing, purge, diversion) ☐ Valves (balancing, purge, diversion, air release)

☐ Minor non-structural cracks in septic tank ☐ Minor non-structural cracks in sump tank

☐ Transmission lines from dwelling(s) to septic tank

☐ Transmission lines from septic tank to distribution box(es)/lateral(s) or diversion valve(s)

☐ Sump tank components (pumps, piping, floats set per original design specifications)

☐ Hydrojetting lines to remove blockages in order to correct or improve system function

Comments/Recommendations: _____



Reserve Replacement Area Information³:

Was a reserve replacement area identified on the originally permitted site plan? Yes ☐ No ☒

Has the reserve replacement area been compromised in any way? Yes ☐ No ☐

Is a reserve replacement area identified on the current site plan? Yes ☐ No ☒

Comments/Recommendations: See footnote #3 below

³ Required to be identified when 1) a structure is relocated, 2) a structure will increase in footprint size, or 3) additional structures are proposed.

Septic System Use Conditions:

The following conditions apply or must be satisfied prior to use of overall septic system:

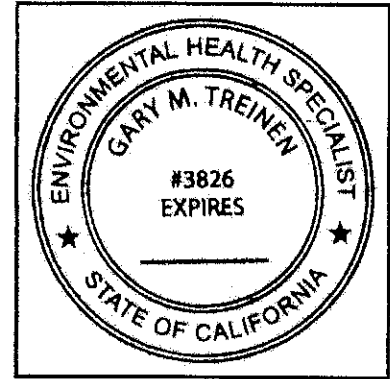
- ☐ Replace entire septic system (septic permit required from Permit Sonoma)
- ☐ Replace dispersal system (septic permit required from Permit Sonoma)
- ☐ Repair dispersal system (septic permit required from Permit Sonoma)
- ☐ Replace septic tank (septic permit required from Permit Sonoma)
- ☐ Replace sump tank (septic permit required from Permit Sonoma)
- ☐ Replace pretreatment unit (septic permit required from Permit Sonoma)
- ☐ Replace or repair electrical components (electrical permit required from Permit Sonoma)
- ☒ Replace or repair minor appurtenant septic system components (no permit required from Permit Sonoma)
- ☐ Reserve replacement area adequate
- ☐ Septic system is acceptable for rebuilding in original building footprint only
- ☒ The existing septic system is suitable to be used for temporary housing purposes (temporary housing permit required from Permit Sonoma to place and use temporary housing units)
- ☒ Other: OK for rebuild. Replace outlet lid.

Comments/Recommendations: Ideally, after reconstruction, asphalt should be removed for more efficient leach field function and access.



Qualified Professional Statement:

"I have evaluated the existing septic system and find it to be acceptable for the proposed use with the conditions listed above. I certify that I have observed the replacement of any septic system components that did not require a septic permit and/or have included documentation of replacement of applicable appurtenant components. The septic system may not meet current septic system requirements but was repaired to documented or assumed original design standards. Due to limited ability to test or make observations of systems on some sites, no guaranty of future system functionality is implied. Assumptions have been documented but not guaranteed."



Professional Seal (if applicable)

Mike Treinen

Digitally signed by Mike Treinen
Date: 2021.12.19 16:45:57 -08'00'

Signature of Qualified Professional

12/19/2021

Date

REHS #3826

License/Registration Number

12/31/2022

License/Registration Expiration Date

DO NOT WRITE BELOW THIS LINE – TO BE COMPLETED BY PERMIT SONOMA STAFF

Existing septic system may be used as proposed based on evaluation by Qualified Professional: Yes ☐ No ☐

Requirements to be met prior to use of existing septic system:

☐ None ☐ Repair or replace components identified by Qualified Professional (no permit required)

☐ Obtain a permit to repair _____

☐ Obtain a permit to replace _____

☐ Other: _____

Existing septic system may be used for temporary housing? Yes ☐ No ☐

Existing septic system may be used for permanent housing? Yes ☐ No ☐

☐ Approved for _____ bedrooms or _____ gallons per day

☐ Approved for rebuilding in original building footprint only

Evaluation reviewed by: _____

Date: _____

Activity #: _____



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(Sonoma Complex Fire)

WLS-036

Created: 01/19/18

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