

POLICY AND PROCEDURES MANUAL

Solano County Department of Resource Management

Environmental Health Services Division

CATEGORY: Liquid Waste/Local Agency Management Program	Effective Date 12-01-93	Policy Number LW-93-02	APR BY 
SUBJECT: Sizing and Construction, Onsite Sewage Disposal/Treatment Systems	Amended 03/30/16	Page 1 of 2	

Authority: Solano County Code, Chapter 6.4 and the Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems (OWTS POLICY), effective May 13, 2013.

1. Scope of Coverage:

- A. Pursuant to OWTS POLICY Section 9.2 the Environmental Health staff will only approve domestic type wastewater sent to OWTS systems with the projected flow of 10,000 gallons per day or less at residential and commercial facilities. The Environmental Health Staff will consider the California Regional Water Quality Control Boards approval of the Local Agency Management Program as authorization pursuant to Solano County Code, Section 6.4-12(a) for OWTS that exceed the projected flow of 2500 gallons per day. However, this does not preclude Environmental Health staff with supervisory and management concurrence on a case-by-case basis from contacting the applicable California Regional Water Quality Control Board and requesting their assistance or that they become the lead for the project because of the large projected flowrate of the OWTS design.
- B. The Environmental Health staff will not approve an application and design of production wastewater sent to an OWTS. The Environmental Health staff will inform the applicant and the representative that this wastewater is under the jurisdiction of the applicable California Regional Water Quality Control Board and provide them the appropriate contact including their telephone number and email address.
- C. The Environmental Health staff will not approve OWTS designs for high strength wastewater (e.g. wineries, breweries, distilleries, and food processing production.) Pursuant to the OWTS POLICY, the only exception is high strength waste from commercial food service that is less than 900 milligrams per liter (mg/l) of Biological Oxygen Demand (BOD) that is connected to an oil/grease interceptor. The Environmental Health staff will inform applicants proposing commercial facilities that

produce high strength wastewater from wineries, distilleries, and breweries that they are under the jurisdiction of the applicable California Regional Water Quality Control Board and provide them with the appropriate contact including their telephone number and email address. The Environmental Health staff will inform the applicant that at discretion of the Regional Board, Solano County will act as the Regional Board's representative and accept the application and design for high strength wastes going to an OWTS, issue a permit authorizing construction, and perform the necessary construction inspections.

- D. On proposed commercial projects where the production wastewater is separated from domestic type wastewater, the Environmental Health staff will contact the applicable California Regional Water Quality Control Board contact and determine whether they want to include the domestic wastewater OWTS under their jurisdiction along with the production wastewater treatment system.

2. Construction

The Environmental Health staff will ensure that the installation, modification - upgrade, repair, and destruction of OWTS conform to the requirements of Solano County Code, Chapter 6.4. The Environmental Health staff will ensure the applicable sections of Solano County Code Chapter 25, Chapter 26, and the OWTS POLICY including the following:

- A. Pursuant to Solano County Code, Chapter 6.4 and the OWTS POLICY Section 9.2.5, the Environmental Health staff will notify the OWTS Designer that before Solano County finalizes each permit for OWTS projects "As-Built" designs and an operation and maintenance manual must be provided to each owner and also to Solano County.
- B. The Environmental Health staff will inform OWTS Designers of the setbacks of at least 150 feet from public drinking water wells for the installation, modification - upgrade, and repair projects before they submit an application and design for review. Once the OWTS designer submits an application and design for review, the Environmental Health staff will verify that proper setbacks are denoted on the design. Staff will also verify proper setbacks during pre-construction meeting at the project site.
- C. If the project to modify-upgrade, repair, or replace the OWTS is on an existing lot and the 150 feet setback to a public drinking water well cannot be met, the Environmental Health staff will require supplemental treatment and other design criteria to mitigate the potential impact of OWTS to the public

drinking water well. The Environmental Health staff will also notify the Division of Drinking Water and the owner of public drinking water well as specified in Policy and Procedure LW-91-01.

LW-93-02 (amended)

POLICY AND PROCEDURES MANUAL

Solano County Department of Resource Management
Environmental Health Services Division

CATEGORY: Liquid Waste/Local Agency Management Program	Effective Date 06/05/91	Policy Number LW-91-01	APR BY 
SUBJECT: Liquid Waste Ordinance	Amended 03/30/16	Page 1 of 3	

Authority: Chapter 6.4 of Solano County Code and the California Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment System (OWTS POLICY)

1. General Provisions:

Environmental Health staff will follow and enforce the provisions of Chapter 6.4 for the installation, modification - upgrade, repair, and destruction of OWTS and the Tier 2 provisions of the OWTS POLICY. Environmental Health staff shall follow and enforce the specified sections of Chapter 25 and Chapter 26 of Solano County Code for the installation, modifications - upgrade, repair, and destruction of OWTS. This policy and procedure is not meant to supersede Solano County Code and the OWTS POLICY and is designed for the reasonable application of all the requirements including the following provisions:

2. Failures - Repairs

- A. The OWTS POLICY Section 11.0 states that the repair of an OWTS is considered a failure and is classified as a Tier 4 until a design is reviewed, a permit is issued, and inspections correction occurs. The Environmental Health staff will properly classify the OWTS to the appropriate Tier. When the Environmental Health staff enters, reviews, and issues a permit, they will ensure repairs are classified as Tier 4 in the Accela database which will aid in reporting.
- B. Pursuant to Solano County Code, Section 6.4-30 and the OWTS POLICY Section 3.5 requirements, the Environmental Health staff will notify the State Water Resources Control Board, Division of Drinking Water, Region 2, Bob Brownwood, San Francisco District Engineer or designee at (510)620-3474 and the owner of the public drinking water system not later than 72 hours after the discovery of a failed septic system within the setbacks of a Public Water system (e.g., within 150 feet of a public water well.) The Environmental Health staff will provide all requested information to the Division of Drinking Water.

3. Reporting Setbacks to Public Supply Wells:

Solano County Code Sections 6.4-30 and 6.4-82 (f) authorize and OWTS POLICY Section 9.4.10 requires notification and setbacks to public water supplies. In unincorporated Solano County, public water supplies consist of public drinking water systems that use drinking water wells. In many cases the public drinking water well serves a facility with an OWTS. The Environmental Health staff will notify the applicant, the designer, and the contractor of the setback of at least 150 feet from a public drinking water well before submitting an application and design for an OWTS. The Environmental Health staff will review each application

produce high strength wastewater from wineries, distilleries, and breweries that they are under the jurisdiction of the applicable California Regional Water Quality Control Board and provide them with the appropriate contact including their telephone number and email address. The Environmental Health staff will inform the applicant that at discretion of the Regional Board, Solano County will act as the Regional Board's representative and accept the application and design for high strength wastes going to an OWTS, issue a permit authorizing construction, and perform the necessary construction inspections.

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