

ITEM 7

PROPOSED BASIN PLAN AMENDMENT

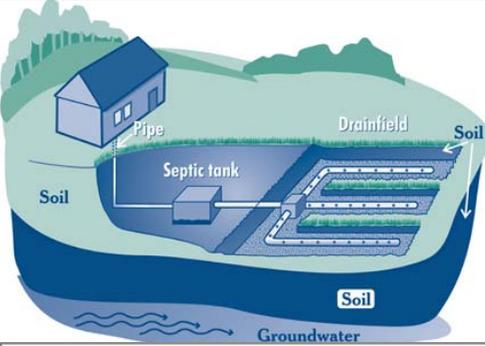
to Incorporate New Onsite Wastewater Treatment System Policy, Amend Wet Weather Overflow Policy, and Update Other Basin Plan Information

Richard Looker

SF Bay Regional Water Quality Control Board

June 11, 2014

Amendment Elements



1. Revise wet weather and combined sewer overflow sections
2. Incorporate onsite wastewater system (OWTS) Policy
3. Update graywater information
4. Update information on treatment plant outfall locations

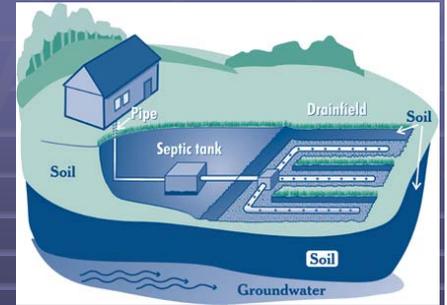
Element #1 – What it Does

Update wet weather and CSO sections

- Eliminate wet weather overflow section in conflict with federal Clean Water Act
- Streamline CSO section to avoid misinterpretation



Element #2 – What it Does

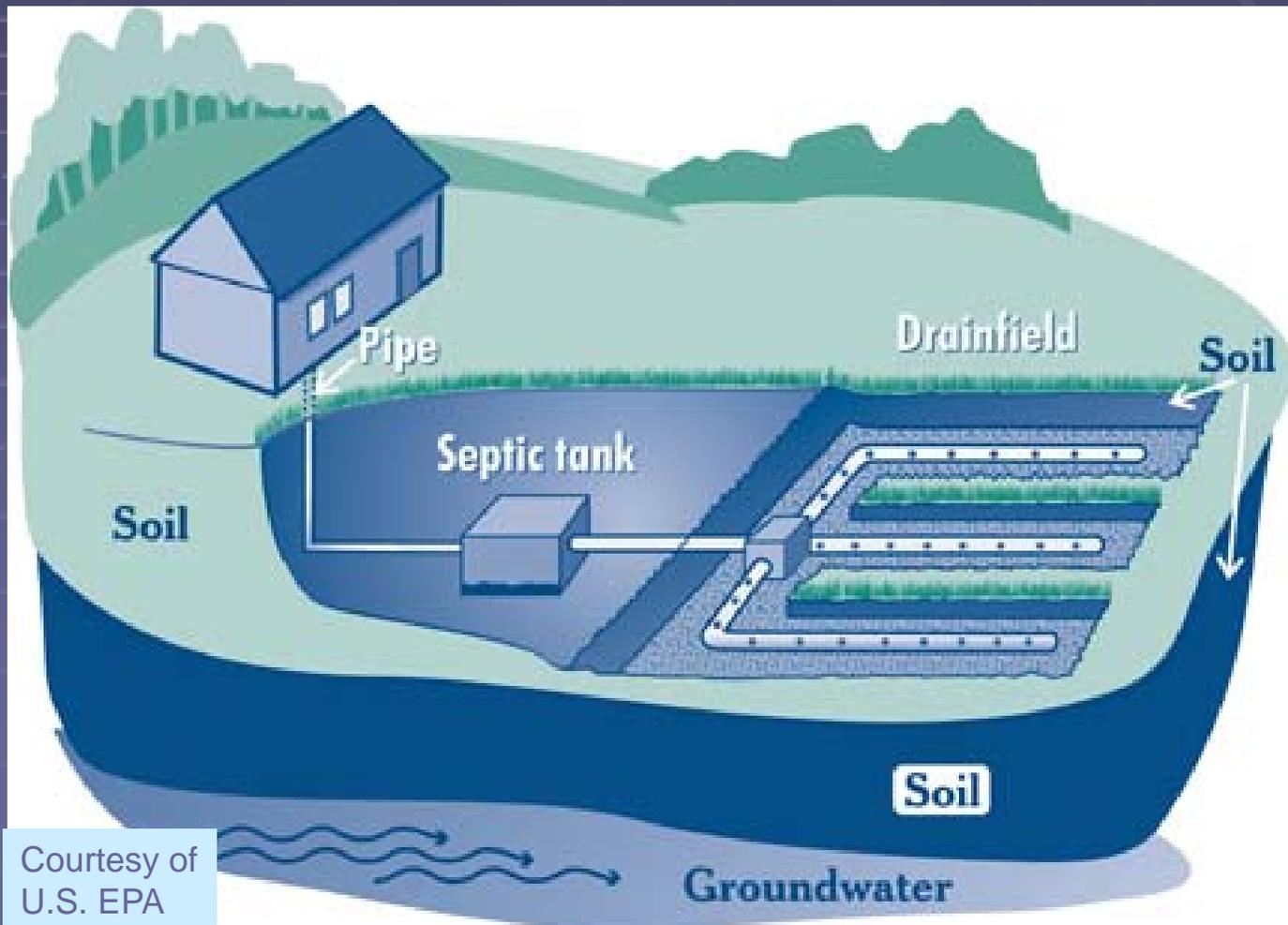


OWTS Amendment Summary

- Incorporate the 2012 OWTS Policy
- Rescind 1978 Onsite System Policy
- Rescind 1979 Policy, Minimum Guidelines

Element #2 - Background

Onsite Wastewater Treatment Systems (OWTS)



OWTS Regulation Timeline

County waivers

- Counties regulate most systems



1960s



1978-9

County waivers expire

- Status quo in regulation



2004



2012

Basin Plan Amendment

- Incorporate OWTS Policy
- Rescind 1978 and 1979 Policies



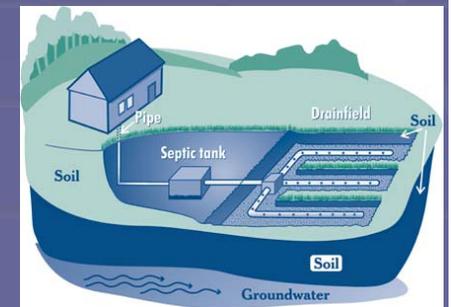
2014

Onsite System Policy & Minimum Guidelines

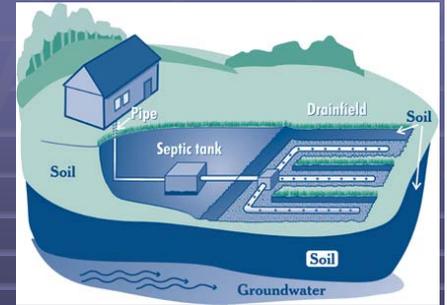
- Counties continue oversight
- Water Board reviews county ordinances to ensure consistency

OWTS Policy

- Counties continue oversight
- County regulation must be consistent with statewide policy
- Some systems regulated directly by Water Boards



Element #2 - Background



2012 State Board OWTS Policy

- Applies to subsurface disposal of domestic wastewater
- Relies on local agencies to provide regulatory oversight
- Establishes risk-based tiers of requirements
- Contains conditional waiver for conforming systems

Tier 0 and 1: Conventional OWTS in favorable locations

Gravity Dispersal Trenches

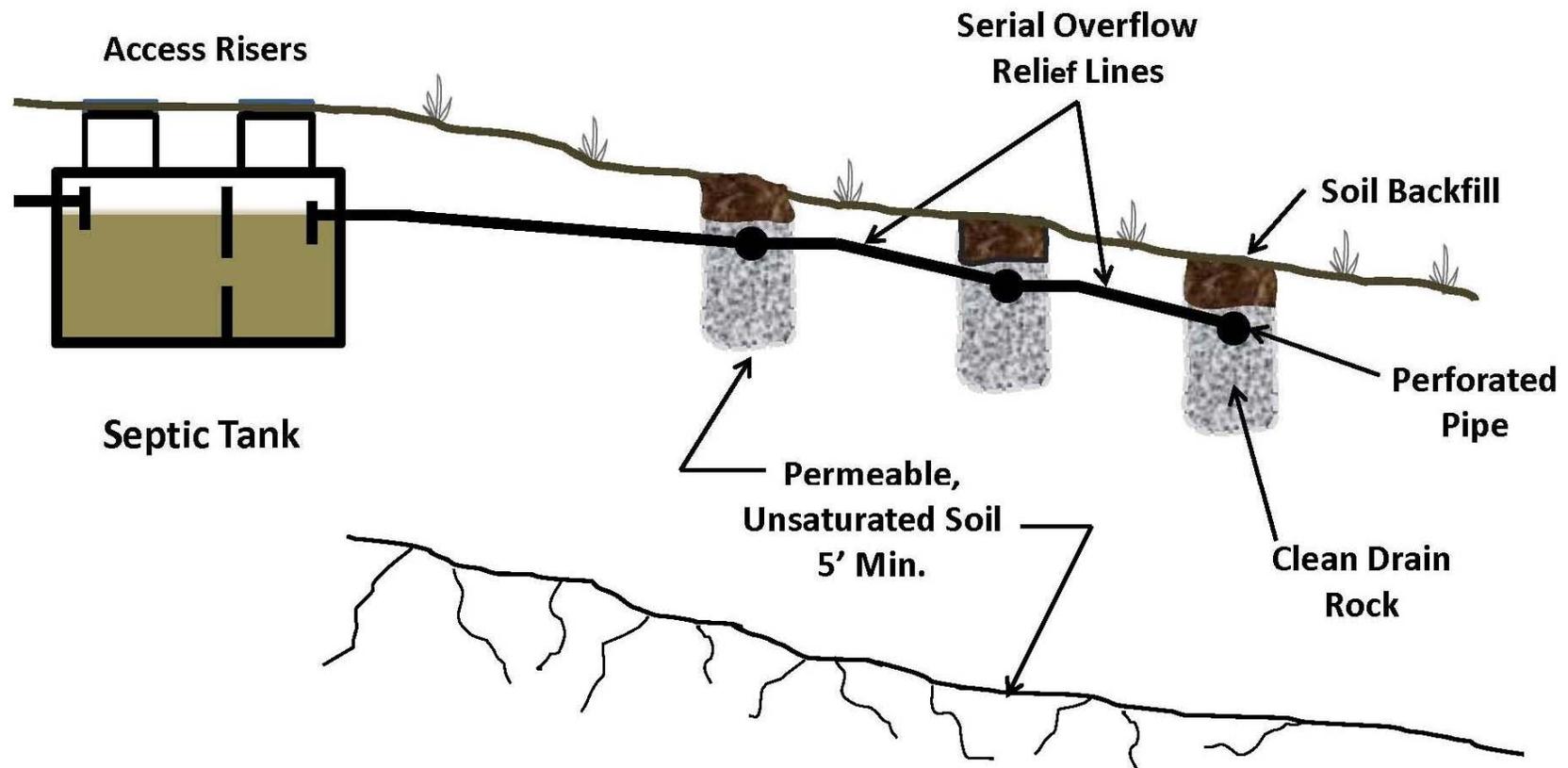


Figure courtesy of Questa Engineering, prepared for the Santa Clara County Onsite Wastewater Ordinance EIR

Tier 2: Alternative Systems

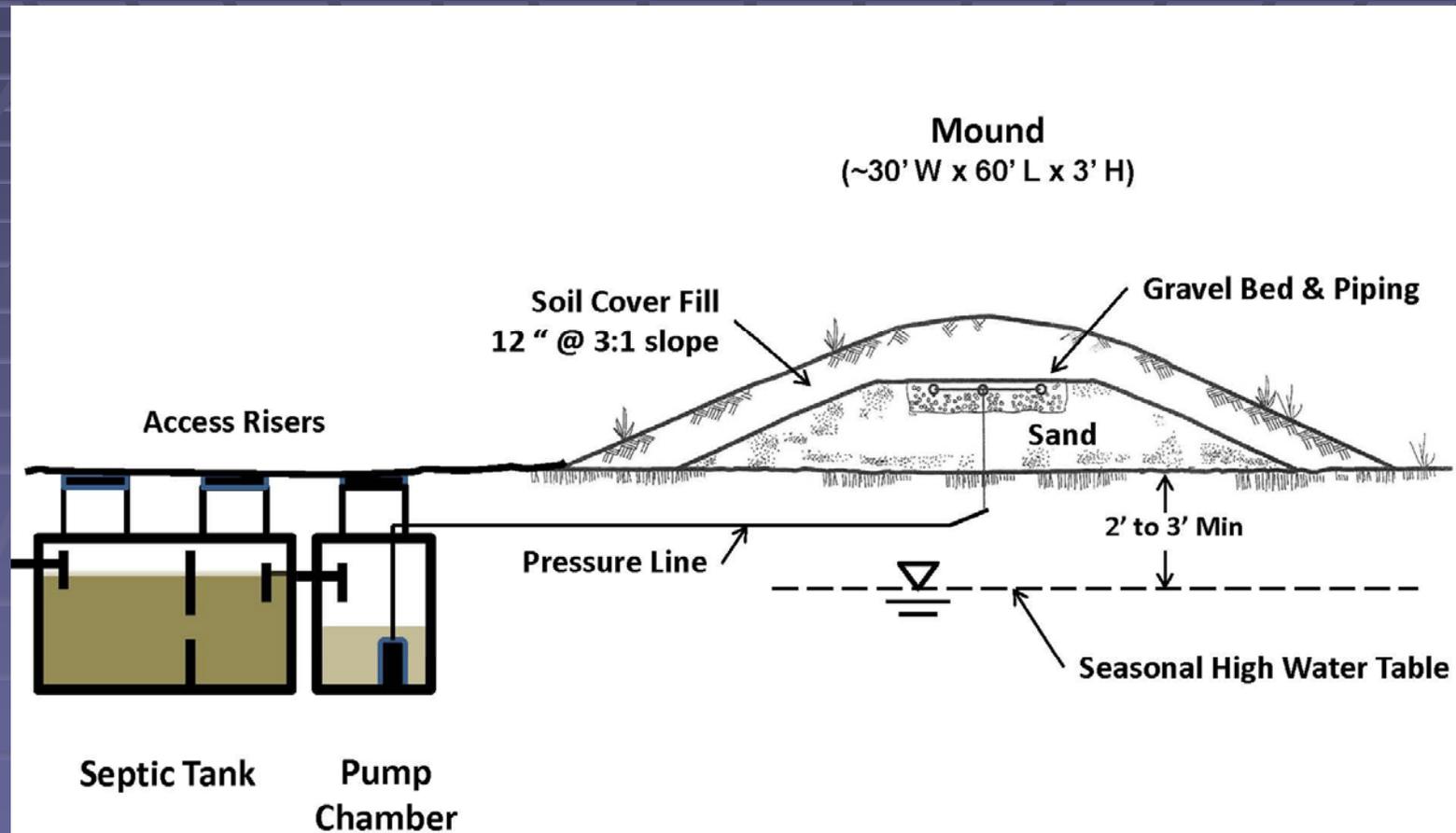


Figure courtesy of Questa Engineering, prepared for the Santa Clara County Onsite Wastewater Ordinance EIR

Tier 3: OWTS located less than 600 feet from impaired water body



**Tier 4:
Failing
Systems**



Destroyed septic tank



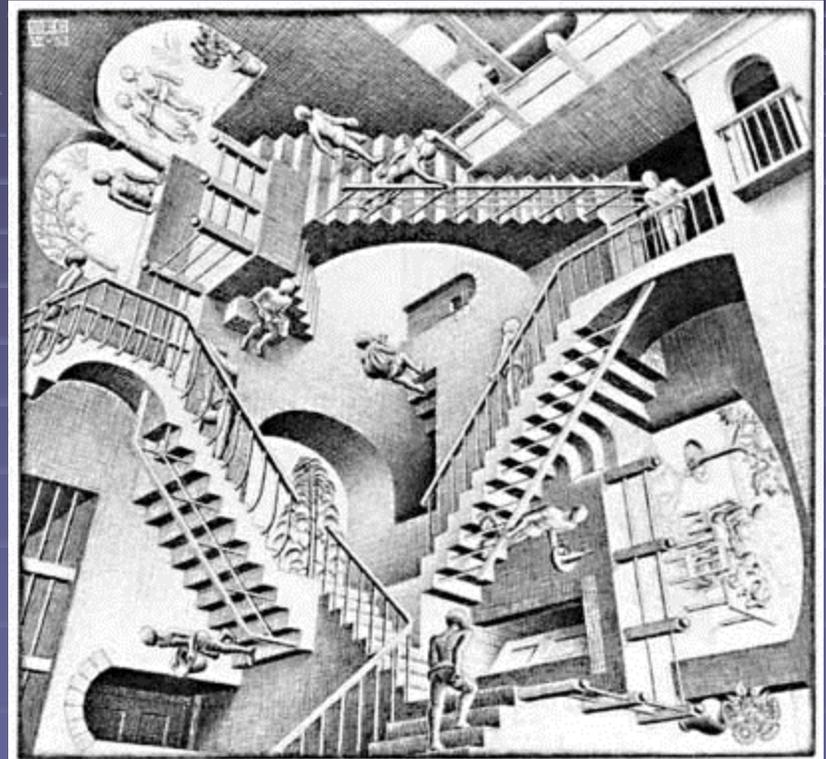
Damaged Septic Tank



Ponding in drain field

Next Steps for OWTS Regulation in our Region

- Staff will review county Management Plans
- Staff evaluating permitting options for winery onsite systems
 - Winery wastewater not covered by OWTS Policy so counties can no longer regulate these systems



Element #3 – What it Does

Update graywater systems information



- Update Basin Plan to reflect 2009 standards
- Expand definition of graywater

Element #4 – What it Does

Update table of discharge locations

- Facility names
- Numbers of outfalls
- Discharge point coordinates



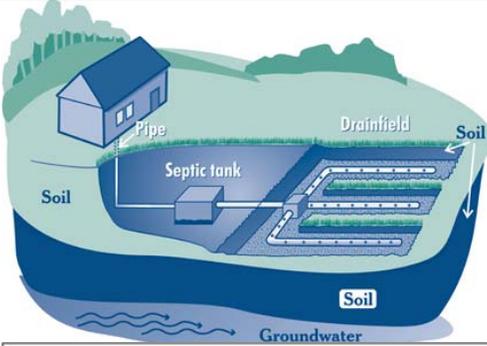
- Dry weather flows
- Comments for facilities

Comments and Response

- **San Francisco Public Utilities Commission (SFPUC)**
 - Updated description of the City's combined sewer system
- **Robert Feinbaum (citizen)**
 - Disagree that we should preclude use of operating permits by local agencies
- **Solano County Department of Resource Management**
 - Agree we need a permitting mechanism to address onsite systems not covered by OWTS Policy



Wet
Weather
Overflows



OWTS
Policy



Graywater
Systems



POTW Locations

We welcome your questions