



# SAN JOAQUIN COUNTY

## ENVIRONMENTAL HEALTH DEPARTMENT

1868 East Hazelton Avenue, Stockton, CA 95205-6232

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### SOIL SUITABILITY STUDY REQUIREMENTS CHECKLIST

<b>SITE LOCATION:</b>	<b>PA #:</b>
	<b>REPORT DATE:</b>

S = Sufficient  
I = Insufficient

#### San Joaquin County Development Title Chapter 9-1105, Section 9-1105.2

- | <b>S</b>                 | <b>I</b>                 |  |
|--------------------------|--------------------------|--|
|                          |                          | <b>1.0 INTRODUCTION &amp; PROPOSED DEVELOPMENT SECTION</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 1.1 Description of site, including zoning information.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 1.2 Description of proposed development.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 1.3 Parcel vicinity location map.  |
| <input type="checkbox"/> | <input type="checkbox"/> | 1.4 Site map showing location of all items on parcels (i.e., structures, drives, wells, septic systems, large trees, pastures, pools, natural drainage courses, ponds, waterways, etc.)  |
|                          |                          | <b>2.0 PRESENT AND PAST USES OF THE SITE SECTION</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 2.1 Discussion of past and present uses at the site to assess potential problems.  |
|                          |                          | <b>3.0 EXISTING AND PROPOSED SEPTIC TANK USAGE SECTION</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 3.1 Description of exiting on-site septic tank usage (system types, age, functioning/repair rates).  |
| <input type="checkbox"/> | <input type="checkbox"/> | 3.2 Site septic permit history (number/types/dates of permits, age of system, permit numbers, copies in report).   |
| <input type="checkbox"/> | <input type="checkbox"/> | 3.3 Discussion of on-site septic tank repair history.  |
| <input type="checkbox"/> | <input type="checkbox"/> | 3.4 Description of existing septic tank usage in the general area (system types, ages, functioning/repair rates, proximity to parcel).   |
| <input type="checkbox"/> | <input type="checkbox"/> | 3.5 General area septic permit history (number/types/dates of permits, age of system, permit numbers, copies in report).   |
| <input type="checkbox"/> | <input type="checkbox"/> | 3.6 Discussion of general area septic tank repair history.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 3.7 Description of proposed or expected maximum (including second unit dwellings) septic tank usage on site.   |
|                          |                          | <b>4.0 GROUNDWATER INFORMATION SECTION</b>   |
| <input type="checkbox"/> | <input type="checkbox"/> | 4.1 Description of the depth and gradient of groundwater in the general area.  |
| <input type="checkbox"/> | <input type="checkbox"/> | 4.2 Description/discussion of any existing and/or potential groundwater contamination issues in the general location of the site.  |
| <input type="checkbox"/> | <input type="checkbox"/> | 4.3 Description of location (address/APN), type and construction of well and location (well head/kitchen tap) where water sample(s) were obtained.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 4.4 Description of constituents being tested for in the water sample.  |
| <input type="checkbox"/> | <input type="checkbox"/> | 4.5 Description of how sample was obtained, handled, stored, and transported to the lab.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 4.6 Complete Chain of Custody document, including printed and signed name of third party sampler, condition of sample and date and time the sample was submitted to the lab. For Laboratory samplers, complete laboratory report to include the above noted information. |
|                          |                          | <b>5.0 SOIL PROFILE INFORMATION SECTION</b>  |
| <input type="checkbox"/> | <input type="checkbox"/> | 5.1 Site map showing the location, with dimensions, of the soil profile pit on the parcel.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 5.2 Description of soil profile pit including depth and dimensions.  |
| <input type="checkbox"/> | <input type="checkbox"/> | 5.3 Description of soil lithology as noted from test pit by appropriate professional using industry standard protocol.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 5.4 Discussion of soil lithology as related to future onsite septic uses.  |

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**S**    **I**    6.0 PERCOLATION TEST INFORMATION SECTION

- 6.1 Site map showing the location, with concise and accurate dimensions of the percolation test holes on the parcel.
- 6.2 The minimum number of shallow and deep percolation tests was performed for each parcel.
- 6.3 Description of the date, time and protocol used to prepare the test hole, including depth and dimensions of hole, preparation of hole, and depth of water used to presoak (minimum 12 inches).
- 6.4 Description of the date, time and condition of the test hole after the 24-hour soak period (hole still intact, hole dry, depth to water remaining in hole, etc.)
- 6.5 The test conformed to SJC Policy EHD 02-02 (correct depth, diameter, 2" gravel, 6" water refill, correct readings recorded).
- 6.6 Complete Percolation Test Form (including readings) was provided with REHS verification signature. The rate was correctly calculated using the last reading.
- 6.7 Discussion of any potential problems predicted and/or the need for an engineered or alternative septic system.
- 6.8 Discussion of percolation rates in relation to the type, size and location of future leach fields needed at the site.

7.0 CONCLUSION SECTION

- 7.1 The report was signed and stamped by the appropriately registered individual

Reviewed By: \_\_\_\_\_ Reviewed Date: \_\_\_\_\_

