



## PERCOLATION TEST AND SOIL PROFILE RESULTS FORM

Qualified Professional to complete all information and certify/sign.

Attach a diagram of all final test hole locations and any other information or documentation applicable to the site evaluation review. For vertical seepage pit capacity testing, use the *Vertical Seepage Pit Soil Profile and Capacity Testing Form*.

|                                 |                                     |        |
|---------------------------------|-------------------------------------|--------|
| SITE LOCATION:                  | CITY:                               | APN:   |
| OWNER NAME:                     | PHONE:                              | EMAIL: |
| OWNER MAILING ADDRESS:          | CITY:                               | ZIP:   |
| QUALIFIED PROFESSIONAL COMPANY: |                                     |        |
| QUALIFIED PROFESSIONAL NAME:    | PHONE:                              | EMAIL: |
| DEHQ Percolation Permit #:      | Building Permit/Land Use Project #: |        |

|  |
|--|
| <b>Diagram-Final Test Hole Locations</b>   |
| Attach a diagram showing the final locations of all soil profile/percolation test holes, including those test holes with refusal, shallow groundwater, or failing percolation rates. |

|   |   |     |
|---|---|-----|
| <b>Design Rate Summary</b>  |   |     |
| <b>Leach Line/Bed Primary and Reserve Dispersal Areas Located in Same Area:</b>       |   |     |
| Uniform Soils/Perc Test Results - Average of all test hole results.                   | <b>Primary and Reserve Disposal Area Design Rate:</b> | MPI |
| Non-Uniform Soils/Perc Test Results - Slowest of all test hole results.               |   |     |
| <b>Leach Line/Bed Primary and Reserve Dispersal Areas Located in Different Areas:</b> |   |     |
| Uniform Soils/Perc Test Results - Average of test hole results in each area.          | <b>Primary Disposal Area Design Rate:</b>             | MPI |
| Non-Uniform Soils/Perc Test Results - Slowest of test hole results in each area.      | <b>Reserve Disposal Area Design Rate:</b>             | MPI |

| <b>Initial Site Screening Information</b>  |                               |                     |                        |  |              |                   |                      |
|--|-------------------------------|---------------------|------------------------|--|--------------|-------------------|----------------------|
| Location   | Percent Slope and Description |                     |                        |  |              |                   |                      |
| Tank Location Area   | 0-3%-Nearly Level             | 3-7%-Gently Sloping | 7-12%-Strongly Sloping | 12-20%-Moderately Sloping  | 20-30%-Steep | 30-40%-Very Steep | >40%-Extremely Steep |
| Primary Dispersal Area   | 0-3%-Nearly Level             | 3-7%-Gently Sloping | 7-12%-Strongly Sloping | 12-20%-Moderately Sloping  | 20-30%-Steep | 30-40%-Very Steep | >40%-Extremely Steep |
| Reserve Dispersal Area   | 0-3%-Nearly Level             | 3-7%-Gently Sloping | 7-12%-Strongly Sloping | 12-20%-Moderately Sloping  | 20-30%-Steep | 30-40%-Very Steep | >40%-Extremely Steep |
| Any plans or need for grading of property or OWTS areas?   |                               | <b>Yes</b>          | <b>No</b>              | If Yes, grading detail must be included in the OWTS Layout Report. |              |                   |                      |
| Is water well located up slope from existing or proposed OWTS location?  |                               |                     | <b>Yes</b>             | <b>No</b>  | <b>NA</b>    |                   |                      |
| Slope Instability Screening for slopes 30% or more. Check all conditions that apply for areas within 100 feet of proposed septic system locations. If any of the below items are checked, a Slope Stability Study is required for the OWTS Layout Report review. |                               |                     |                        |  |              |                   |                      |
| Unconsolidated Fill  | Significant Erosion Rills     | Tension Cracks      | Leaning Trees          | Evidence of Prior Earth Movements or Slides                        |              |                   |                      |
| Other:   |                               |                     |                        | No instability conditions observed.                                |              |                   |                      |
| Describe location and extent of rock outcroppings or other significant features (show locations on test hole location diagram):  |                               |                     |                        |  |              |                   |                      |



# Soil Profile and Percolation Test Results Form

## SOIL PROFILE AND PERCOLATION TESTING INFORMATION

Complete additional pages to record total number of soil profile/percolation tests and deep test holes conducted at the site.

|  |           |                           |                          |   |                         |                              |          |
|--|-----------|---------------------------|--------------------------|---|-------------------------|------------------------------|----------|
| Test Hole # _____ ID:  |           |                           | Diameter: _____ inches   |   | Total Depth: _____ feet |                              |          |
| Soil Description (per LAMP Chapter 4, Section 4.2)                         |           |                           |                          | Percolation Test Data   |                         |                              |          |
| Depth (ft)   | Soil Type | Depth (ft)<br>(continued) | Soil Type<br>(continued) | Presoak Date:   |                         | Result:    Water    No Water |          |
| Surface  |           |                           |                          | Case 1: Two 30-minute readings over 1 hour; Case 2: Six 10-minute readings over 1 hour; Case 3: Eight 30-minute readings over 4 hours |                         |                              |          |
|  |           |                           |                          | Time  | Reading                 | Water Drop                   | Refilled |
|  |           |                           |                          |   |                         |                              |          |
|  |           |                           |                          |   |                         |                              |          |
| Depth to Refusal:  |           | Depth to Water:           |                          |   |                         |                              |          |
| Soil Profile Date:   |           |                           |                          |   |                         |                              |          |
| Perc Test Date:  |           |                           |                          |   |                         |                              |          |
| Percolation Rate:    Slowest Reading (Case 1)<br>Last Reading (Cases 2, 3) |           |                           | MPI                      |   |                         |                              |          |
| Performed By:  |           |                           |                          |   |                         |                              |          |
| Certified By Qualified Professional:                                       |           |                           |                          |   |                         |                              |          |
| Observed by DEHQ Staff:  |           |                           |                          |   |                         |                              |          |

|  |           |                           |                          |   |                         |                              |          |
|--|-----------|---------------------------|--------------------------|---|-------------------------|------------------------------|----------|
| Test Hole # _____ ID:  |           |                           | Diameter: _____ inches   |   | Total Depth: _____ feet |                              |          |
| Soil Description (per LAMP Chapter 4, Section 4.2)                         |           |                           |                          | Percolation Test Data   |                         |                              |          |
| Depth (ft)   | Soil Type | Depth (ft)<br>(continued) | Soil Type<br>(continued) | Presoak Date:   |                         | Result:    Water    No Water |          |
| Surface  |           |                           |                          | Case 1: Two 30-minute readings over 1 hour; Case 2: Six 10-minute readings over 1 hour; Case 3: Eight 30-minute readings over 4 hours |                         |                              |          |
|  |           |                           |                          | Time  | Reading                 | Water Drop                   | Refilled |
|  |           |                           |                          |   |                         |                              |          |
|  |           |                           |                          |   |                         |                              |          |
| Depth to Refusal:  |           | Depth to Water:           |                          |   |                         |                              |          |
| Soil Profile Date:   |           |                           |                          |   |                         |                              |          |
| Perc Test Date:  |           |                           |                          |   |                         |                              |          |
| Percolation Rate:    Slowest Reading (Case 1)<br>Last Reading (Cases 2, 3) |           |                           | MPI                      |   |                         |                              |          |
| Performed By:  |           |                           |                          |   |                         |                              |          |
| Certified By Qualified Professional:                                       |           |                           |                          |   |                         |                              |          |
| Observed by DEHQ Staff:  |           |                           |                          |   |                         |                              |          |



# Percolation Test and Soil Profile Results Form

**DIAGRAM - FINAL TEST HOLE LOCATIONS (Use this space or attach a diagram)**

Final Percolation Test Locations: Show parcel(s) boundaries, wells, structures and other features.

