

Soil Soup  
 5276 Taylor Avenue, NE  
 Bainbridge Island, WA 98110

**Client Sample ID:** BSTD 4  
**Project:** NS 02  
**Sample Matrix:** CT  
**Laboratory ID:** 21845

**Date Sampled:** 6-24-02  
**Date Submitted:** 6-25-02  
**Date Reported:** 7-02-02

### REPORT

PARAMETER	ENUMERATION	SPECIES RICHNESS DIVERSITY (SRD) <sup>1</sup>
Heterotrophic Plate Count (Aerobic)	1.6 x 10 <sup>8</sup> CFU/ml	2.2
Anaerobic Bacteria	4.3 x 10 <sup>7</sup> CFU/ml	0.7
Yeasts and Molds	1.3 x 10 <sup>5</sup> CFU/ml yeast = 1.3 x 10 <sup>5</sup>	0.6
Actinomycetes	<1 x 10 <sup>2</sup> CFU/ml	-0.5
Pseudomonads	1.4 x 10 <sup>7</sup> CFU/ml	0.8
Nitrogen-Fixing Bacteria	1.0 x 10 <sup>6</sup> CFU/ml	1.0
<b>Total Species Richness Diversity (SRDT)<sup>2</sup></b>	-----	<b>4.8</b>

CFU/ml - Colony Forming Units/ milliliter sample

Any results reported as "<" is below the detection limits for that analysis.

1. The species richness diversity index is derived by weighing the variety of species within a functional group (species richness) from a normalized analysis against the total number of microorganisms associated with that functional group.
2. The total species richness diversity index (SRDT) is the sum of the individual SRD's for the six functional groups.

Reviewed by: 