

Client:	Sampled by
Date:	Soil Redemption
Sample:	

Beneficial Microorganisms	Sample Results
Bacterial Biomass ($\mu\text{g/g}$)	3758.4
Bacterial Standard Deviation Biomass ($\mu\text{g/g}$)	1149.071
Bacterial Standard Deviation as Percentage of Mean	30.60%
Actinobacterial Biomass ($\mu\text{g/g}$)	0
Actinobacterial Standard Deviation Biomass ($\mu\text{g/g}$)	0
Actinobacterial Standard Deviation as Percentage of Mean	0.00%
Fungal Biomass ($\mu\text{g/g}$)	258.473
Fungal Standard Deviation Biomass ($\mu\text{g/g}$)	106.889
Fungal Standard Deviation as Percentage of Mean	41.40%
Fungal Average Diameter - Weighted Mean (μm)	3
F:B Ratio	0.069
Total Beneficial Protozoa (number/g)	504000
Flagellates (number/g)	144000
Flagellates Standard Deviation (number/g)	100399
Flagellates Standard Deviation as Percentage of Mean	69.70%
Amoebae (number/g)	360000
Amoebae Standard Deviation (number/g)	305941
Amoebae Standard Deviation as Percentage of Mean	85.00%
Bacterial-feeding Nematodes (number/g)	600
Fungal-feeding Nematodes (number/g)	0
Predatory Nematodes (number/g)	100
Detrimental Microorganisms	0
Oomycetes Biomass ($\mu\text{g/g}$)	0
Oomycetes Standard Deviation Biomass ($\mu\text{g/g}$)	0
Oomycete Standard Deviation as Percentage of Mean	0.00%
Oomycetes Average Diameter - Weighted Mean (μm)	0
Ciliates (number/g)	0
Ciliates Standard Deviation (number/g)	0
Ciliates Standard Deviation as Percentage of Mean	0.00%
Root-feeding Nematodes (number/g)	0
Total Beneficial Protozoa Standard Deviation (number/g)	310612
Total Beneficial Protozoa Standard Deviation as Percentage of Mean	61.60%

NOTES
<p>The groups of organisms with a standard deviation as a percentage of the mean below 50% have a precise mean. The groups with a standard deviation as a percentage of the mean above 70%, probably have means significantly lower than the ones indicated by the sMAp. This suggests that the group was present in the sample, but the numbers of the organisms were very low.</p>