

Compost  
Finished for  
Distribution

Composted Sewage Sludge Analysis Report for Year 2022  
Finished Compost Composite Samples

Constituent	Unit of Measure	1Q 2022	2Q 2022	3Q 2022	4Q 2022	2022	Maximum Contaminate Level	
						Average	Instantaneous Max	Monthly Avg Max
Date of comp. Sample		2/24/2022	5/26/2022	9/8/2022	11/16/2022	Annual	mg/kg dry	mg/kg dry
Total Phosphorus	mg/kg dry	8400	9600	15000	9500	10625	N/A	
Total Potassium	mg/kg dry	3900	5700	4500	3300	4350	N/A	
Total Kjeldahl Nitrogen	mg/kg dry	35000	31000	32000	22000	30000	N/A	
Ammonium Nitrogen	mg/kg dry	3500	5200	9300	2200	5050	N/A	
Nitrate-Nitrite Nitrogen	mg/kg dry	140	31	200	810	295	N/A	
Sulfur Total	mg/kg dry	710	1400	450	340	725	N/A	
Calcium Total	mg/kg dry	26000	26000	16000	29000	24250	N/A	
Magnesium Total	mg/kg dry	3400	3600	4300	2800	3525	N/A	
Sodium Total	mg/kg dry	780	1000	980	490	813	N/A	
Manganese Total	mg/kg dry	540	590	510	420	515	N/A	
Boron Total	mg/kg dry	15	18	< 5.4	13	15	N/A	
Cadmium	mg/kg dry	<1.9	<2.4	< 2.2	< 2.0	0	< 85	< 39
Copper	mg/kg dry	240	280	300	230	263	< 4300	< 1500
Nickel	mg/kg dry	18	20.0	23	19	20	< 420	< 420
Lead	mg/kg dry	19	16	16	16	17	< 840	< 300
Zinc	mg/kg dry	390	460	440	380	418	< 7500	< 2800
Mercury	mg/kg dry	0.53	0.64	0.63	0.43	1	< 57	< 17
Arsenic	mg/kg dry	3.4	4.3	3.9	3	4	< 75	< 41
Molybdenum	mg/kg dry	5.1	8.0	5.8	4.3	6	< 75	
Selenium	mg/kg dry	<4.9	<5.9	< 5.4	< 4.9	0	< 100	< 36
Beryllium	mg/kg dry	<1.9	<2.4	< 2.2	< 2	0	< 50	
Chromium	mg/kg dry	21	22	23	20	22	< 600	
Iron	mg/kg dry	20000	18000	17000	18000	18250	< 40000	(< 4.0%)
Silver	mg/kg dry	2.5	<2.4	2.4	3.2	3	< 50	
Cyanide (total)	mg/kg dry	3.3	1.4	2.8	5.5	3	< 10	
PCB's	mg/kg dry	<0.10	<0.12	< 0.11	< 77.1	0	< 0.5	
Calcium Carbonate Eq.	% dry	9.4	5.9	4.1	11	8	>10 %	
Alkalinity, total (CaCO3)	mg/kg dry	15000	10000	17000	6500	12125	N/A	
pH	units	6.96	6.96	8.75	7.24	7	6.5 - 8.5 units	
Total Solids Content	% total solids	51.4	42.5	46.2	50.6	48	> 40.0 %	
Volatile Solids Content	% volatile solids	25.4	27.5	28.4	31.9	28	< 40.0 %	
Fecal Coliforms (A1)	mpn/g dry	<2	<2	< 2	540	135	<1000 mpn/g dry	