



Lyndon WWTF Biosolids
P O Box 236
Lyndon, VT 05848

LYNDON BIOSOLIDS

Spring 2015
End User Information



The Town of Lyndon produces class "A" biosolids at its wastewater treatment facility using an Auto-thermal Thermophilic Aerobic Digestion (ATAD) treatment process that kills pathogenic organisms using heat in excess of 55°C (131°F). The final, dewatered, biosolids product meets the US EPA and State of Vermont standards for pathogen reduction and metals content (see reverse side of flyer for more information).

Lyndon biosolids are free to the public, available at the Town's wastewater treatment plant during operating hours, **Monday thru Friday 7:00am-3:00pm**, and on the weekends by appointment. To make an appointment call **(802) 626-5939** during operating hours listed above.

Lyndon biosolids are an excellent source of the essential plant nutrients nitrogen, phosphorus, and potassium, and organic matter, which improves soil structure and water holding capacity.

Suggested Methods of Application

To Create Compost: Mix 1 part peat moss, 1 part sand, and 1 part Biosolids. This mixture can also be mixed with your existing soil. Wood chips can be added also if available.

Lawn Maintenance: Top-dress 1/3" of compost (approximately 1yd³ per 1,000 square feet) on established lawn and rake.

Topsoil Production for Lawn and Ornamental Garden Establishment: Mix up to one part compost with three parts soil by volume. Less compost is required with more fertile soils.

Shrubbery and Tree Planting: Evenly mix the compost with existing soil, one part compost to four parts soil, and use as a backfill. Established shrubs and trees may be top-dressed with the compost as a maintenance fertilizer.

Soil Mixes for potted plants: compost may be custom blended with other potting mixes. Recommended Mixes: Compost and potting soil mixed 1:1 for large floor plants, compost and Vermiculite mixed 1:1 for hanging plants. **Compost utilization on crops grown for direct human consumption is NOT recommended!**

Lyndon Biosolids Characteristics

Plant Nutrient	Approximate Concentration (lbs./dry ton)	Nutrient Percentage by weight
Nitrogen	108	5.4%
Phosphorus	36	1.8%
Potassium	6.8	0.3%

Typical Metals Content (mg/kg) in Lyndon Biosolids and the VT and US EPA standards

	EPA Standards	VT Standards	Lyndon Biosolids
Arsenic	41	15	<5.0
Cadmium	39	21	0.56
Chromium	None	1200	66
Copper	1500	1500	640
Lead	300	300	33
Mercury	17	10	1.2
Molybdenum	None	75	16
Nickel	420	420	44
Selenium	100	100	15
Zinc	2800	2800	590

Disclaimer

There are no warranties, expressed or implied, which extend beyond the description contained in this information sheet. Accordingly, and without limitation, there is no warranty, expressed or implied, as to quality or productivity of the biosolids. Town of Lyndon Vermont Wastewater Treatment Facility, and Utility Partners LLC., are not responsible for any alleged damage from the application of the biosolids. The Biosolids are hygienically and environmentally safe when used properly.

Biosolids like any other fertilizer should be stored in a protected area away from play areas for children or where it may be washed into streams and waterways.

Contact Us

Lyndon WWTF

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