

Table 1: Summary of Material Quality Under the BC Organic Matter Recycling Regulation (OMRR)



Parameter ¹	Medium Type				
	Class A Compost	Class B Compost	Class A Biosolids	Class B Biosolids	Biosolids Growing Medium
Access	Unrestricted	Restricted	Some restrictions	Restricted	Unrestricted
Foreign Matter Content (% dry wt)	< 1	<1	<1	< 1	< 1
Sharp Foreign Matter	None present	None present	None present	None present	None present
Carbon/Nutrient (C:N) Ratio	> 15:1 and < 35:1	NA	NA	NA	> 15:1
Faecal Coliforms (MPN/g, dry wt)	< 1,000	< 2,000,000	< 1,000	< 2,000,000	< 1,000
Maximum Element Concentration (µg/g dry wt)					
Arsenic	13	75	75	75	13
Cadmium	3	20	20	20	1.5
Chromium	210	1,060	1,060	1,060	100
Cobalt	34	150	150	150	34
Copper	400	2,200	757	2,200	150
Lead	150	500	500	500	150
Mercury	2	15	5	15	0.8
Molybdenum	5	20	20	20	5
Nickel	62	180	180	180	62
Selenium	2	14	14	14	2
Zinc	500	1,850	1,850	1,850	150

Sun Peaks Utilities plans to produce Class A compost that is a 'Biosolids Growing Medium'. A copy of the Organic Matter Recycling Regulation (Environmental Management Act & Public Health Act) can be found at <http://www.env.gov.bc.ca/epd/mun-waste/regs/omrr>.

- All Compost and Biosolids must have undergone pathogen reduction. Pathogen reduction requirements are greater for Class A compost, Class A biosolids and biosolids growing medium.
- Class A compost, Class A biosolids and biosolids growing medium have all been treated by a high temperature process, e.g. high temperature composting or thermophilic digestion.
- Class A compost and biosolids growing medium can be used without restrictions - e.g. given away or sold for general use by public and applied to gardens and public lands. There are no public restrictions for these products.
- Class A biosolids also have no public restrictions as long as the volume is less than 5 m³/per year per parcel of land
- Class B compost and Class B biosolids (and Class A biosolids greater than 5m³ volume) can only be applied under a Land Application Plan. Access restrictions are in place for Class B compost and Class B biosolids.

¹ This is an excerpt of the information in the regulations and does not mean to replace compliance with OMRR.