



# Compost Facilities Acceptable Feedstock and Amendment Standard

Saskatchewan Environmental Code

April 15, 2024



## DEFINITIONS

- 1(1) All definitions in the Saskatchewan Environmental Code chapter for compost facilities shall apply, except where expressly defined in this Compost Facilities Acceptable Feedstock and Amendment Standard.
- (2) For the purpose of this Compost Facilities Acceptable Feedstock and Amendment Standard, the following definitions apply:
- (a) “**Animal bedding**” means an absorbent compostable material used for covering the pens, pads or floors of livestock confinement areas, and includes any manure attached or mixed in with that material.
  - (b) “**Brewery/winery waste**” means non-hazardous organic waste from beer and wine manufacturing, including spent grain, yeast and grape marc.
  - (c) “**Biochar**” means charcoal produced from wood that has not been chemically treated and has been heated in the absence of or with restricted oxygen.
  - (d) “**Cannabis**” means cannabis as defined in the *Cannabis Act*, S.C. 2018, c. 16, as amended.
  - (e) “**Cannabis waste**” means unwanted cannabis.
  - (f) “**Compostable products and packaging**” means products and packaging certified by an accredited third-party organization that meets any of the following standards:
    - (i) Specifications for Compostable Plastics, CAN/BNQ 0017-088;
    - (ii) Standard Specification for Labeling of Plastics Designed to be Aerobically Composted in Municipal or Industrial Facilities, ASTM D6400;
    - (iii) Standard Specification for Labeling of End Items that Incorporate Plastics and Polymers as Coatings or Additives with Paper and Other Substrates Designed to be Aerobically Composted in Municipal or Industrial Facilities, ASTM D6868; or
    - (iv) Standard Test Methods for Determining the Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon Analysis, ASTM D6866.
  - (g) “**Crop residual**” means an organic plant residue remaining after harvest.
  - (h) “**Digested and undigested biosolids**” means organic sludges generated from municipal wastewater treatment facilities or municipal waste wastewater lagoons that do not exceed the applicable Saskatchewan Environmental Quality Standard criteria.
    - (i) “**Food waste**” means food and organic waste from food preparation.
    - (j) “**Forestry by-product**” means organic residue derived from the cultivating, maintaining, developing, harvesting and processing of trees and forests, including bark, branches and any wood product in any form that has not been chemically treated.
    - (k) “**Fish waste**” means fish carcasses and fish parts from harvested wild stocks, aquaculture operations and fish processing facilities, including offal, viscera and dead fish and shellfish.
    - (l) “**Fishery and aquaculture residual**” means organic residues derived from the cultivation, farming, harvesting and processing of fish, mollusks, crustaceans, aquatic plants or other aquatic organisms from freshwater or saltwater sources.

- (m) **“Hatchery waste”** means any combination of:
  - (i) Broken or unhatched eggs;
  - (ii) Unhatched chicks;
  - (iii) Membranes;
  - (iv) Embryonic fluids; and
  - (v) Eggshell.
- (n) **“Milk processing waste”** means liquid, sludge or biomass resulting from the treatment of milk products or fluid milk.
- (o) **“Paunch manure”** means undigested stomach contents of ruminants.

## ACCEPTABLE FEEDSTOCKS

2(1) Subject to subsection (2), the following wastes are included in the definition of feedstock:

- (a) Animal bedding;
  - (b) Brewery or winery waste;
  - (c) Brush and other plant material;
  - (d) Cannabis waste that has not been chemically treated;
  - (e) Crop residuals;
  - (f) Dead animals;
  - (g) Fish waste;
  - (h) Fishery and aquaculture residuals;
  - (i) Food waste, including certified compostable products and packaging;
  - (j) Food-soiled paper fibers, including cardboard, napkins, paper towels, uncoated paper plates and other paper products;
  - (k) Forestry by-products;
  - (l) Garden trimmings;
  - (m) Grass clippings;
  - (n) Hatchery waste;
  - (o) Hedge and tree trimmings;
  - (p) House and garden plants;
  - (q) Leaf and yard waste;
  - (r) Manure;
  - (s) Milk processing waste;
  - (t) Natural Christmas trees;
  - (u) Paunch manure;
  - (v) Sod (vegetative matter attached or mixed with soil);
  - (w) Spent carbon filters from food and beverage processors;
  - (x) Twigs and branches;
  - (y) Unpainted drywall that does not contain asbestos, up to a volume not exceeding 10 per cent of the total volume of feedstock processed by the compost facility during the year;
  - (z) Untreated and unprocessed wood; and
  - (aa) Vegetative matter.
- (2) The following wastes are prohibited and excluded from the definition of feedstock.

- (a) Activated carbon from municipal and industrial wastewater treatment facilities;
- (b) Biomedical waste;
- (c) Car wash sump wastes;
- (d) Construction and demolition waste;
- (e) Digested and undigested biosolids;
- (f) Explosive materials defined as Class 1 by the *Transportation of Dangerous Goods Regulations (Canada)*, as amended from time to time;
- (g) Fats, oils and grease (FOG) from commercial food establishments;
- (h) Hazardous waste or hazardous recyclables;
- (i) Hydrovac waste;
- (j) Industrial sump and pit wastes;
- (k) Latex paint;
- (l) Naturally occurring radioactive waste;
- (m) Oil and gas waste defined in the *Oil and Gas Conservation Act (Canada)*, as amended from time to time;
- (n) Oxo-degradable plastics;
- (o) Radioactive materials defined as Class 7 by the *Transportation of Dangerous Goods Regulations (Canada)*, as amended from time to time;
- (p) Rockwool;
- (q) Soils containing hydrocarbons;
- (r) Substances regulated by the Canadian Nuclear Safety Commission;
- (s) Waste containing asbestos; and
- (t) Waste containing sulphur.

### **ACCEPTABLE AMENDMENTS**

3(1) Subject to subsection (2), the following materials are included in the definition of amendment:

- (a) Bark wood chips;
- (b) Biochar;
- (c) Brown pine needles;
- (d) Clean wood chips or shavings;
- (e) Coarse sawdust;
- (f) Corn stalks;
- (g) Nut shells;
- (h) Shelled corn cobs;
- (i) Shrub trimmings; and
- (j) Straw.

(2) The following wastes are prohibited and excluded from the definition of amendment:

- (a) Car wash sump wastewater;
- (b) Hydrovac wastewater;
- (c) Industrial sump and pit wastewater; and
- (d) Wastewater produced from concrete cutting.