

567—102.103(455B) Waste eligible for land application. Material must conform with the following to land applied pursuant to this division.

102.103(1) The material must either meet the definition of solid waste or be a sludge resulting from commercial or industrial wastewater treatment, water supply treatment, or air pollution control facility.

102.103(2) The waste shall not contain constituents in excess of the levels specified below measured on a dry weight basis.

<u>Constituents</u>	<u>Levels</u>	<u>Cumulative Loading Rate</u>	
Arsenic	41 mg/kg	41 kg/ha	36 lb/ac
Cadmium	39 mg/kg	39 kg/ha	34 lb/ac
Chromium	1200 mg/kg	3000 kg/ha	2670 lb/ac
Copper	1500 mg/kg	1500 kg/ha	1335 lb/ac
Lead	300 mg/kg	300 kg/ha	267 lb/ac
Mercury	17 mg/kg	17 kg/ha	15 lb/ac
Molybdenum	75 mg/kg	75 kg/ha	66 lb/ac
Nickel	420 mg/kg	420 kg/ha	373 lb/ac
Selenium	36 mg/kg	100 kg/ha	89 lb/ac
Zinc	2800 mg/kg	2800 kg/ha	2490 lb/ac

102.103(3) If the waste has other toxic constituents, the toxic constituents shall not be in excess of levels where there is a threat to human, animal, or plant life as determined by the department.

102.103(4) The waste does not have a sodium absorption ratio in excess of levels where there is a threat to plant life. If high sodium absorption ratios are suspected, analytical testing may be required.

102.103(5) If the waste contains pathogens, the waste must be treated to reduce pathogen content by methods specified in 567—Chapter 67 prior to land application.

102.103(6) The waste shall not have direct process stream contact with or originate from a process that may release the following organic compounds.

- a. Petroleum products,
- b. Organic solvents,
- c. Pesticides,
- d. Pharmaceuticals,
- e. Polychlorinated biphenyls (PCBs).

102.103(7) The waste assimilates and would not be readily present in a visual analysis of a random sample collected two years following application.

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