



Permitted Activity conditions

Permitted Activity conditions for the reuse of biosolids

- a. The land to which the biosolid is discharged has a soil pH level, before the discharge, of 5.5 or more.
- b. The land to which the biosolid is discharged contains contaminants, before the discharge, at a concentration level at or below the level specified in the table below.

Contaminant	Median level of contaminant in the soil (mg/kg)
Arsenic (As)	4.10
Cadmium (Cd)	0.08
Chromium (Cr)	16.00
Copper (Cu)	16.00
Lead (Pb)	11.00
Mercury (Hg)	0.10
Nickel (Ni)	9.00
Zinc (Zn)	48.00

- c. The land to which the biosolid is discharged has a soil bulk density, before the discharge, that is no greater than 970 kilograms per cubic metre.
- d. The land to which the biosolid is discharged has a slope of 15 degrees or less.
- e. The soil in the land to which the biosolid is discharged is not:
 - i. colder than 4 degrees Celsius
 - ii. frozen solid
 - iii. under a layer of snow
 - iv. saturated with water.

- f. The total biosolids discharged to the land in any 12-month period is no more than the lesser of:
 - i. an amount of biosolids that results in the total Nitrogen being applied to the land being no more than 400 kilograms per hectare over any 24-month period
 - ii. an amount of biosolids that equates to any limit specified in the applicable regional plan or in a proposed applicable regional plan that has immediate legal effect under section 86B(3) of the Resource Management Act 1991
 - iii. 50 tonnes of biosolids.
- g. the biosolids must not be discharged closer than:
 - i. 30 metres from any water body (other than an aquifer or any other underground water body) or coastal marine area
 - ii. 85 metres from any abstraction point that is a groundwater bore
 - iii. 50 metres from any property boundary or public road
 - iv. 90 metres from any domestic dwelling (other than a domestic dwelling that is in a residential zone) without the agreement of the owner, occupier or person in charge of that dwelling
 - v. 300 metres from any school, marae, community hall, residential zone or site of cultural significance
 - vi. 1 kilometre from a registered drinking water abstraction point or a drinking water supply protection area.



- h. before being discharged, the biosolids are stored in a way that:
 - i. prevents run-off from the biosolids to a water body
 - ii. prevents the biosolids from leaching into the ground on which they are stored
 - iii. prevents or minimises any risk to public health .
- i. before the biosolids are discharged, the person responsible for discharging them has prepared and submitted a biosolids application management plan to the relevant consenting authority:
 - i. A biosolids application management plan must contain the following information:
 - 1. information showing whether the biosolids are—
 - a. contaminant grade 1 biosolids or contaminant grade 2 biosolids; and
 - b. stabilisation grade A biosolids or stabilisation grade B biosolids:
 - 2. information showing that the discharge of the biosolids will comply with the Permitted Activity conditions.
 - j. the biosolids application management plan is renewed and resubmitted to the relevant consenting authority at least once every five years.
 - k. the biosolids are discharged in accordance with the biosolids application management plan prepared and submitted in accordance with requirements in the standards (that correspond to the relevant activity status).
- l. the person responsible for discharging the biosolids complies with the record-keeping requirements *below*
 - i. A person who discharges biosolids to land under these regulations must keep records of—
 - 1. the date of each discharge; and
 - 2. the location of each discharge; and
 - 3. the type and grade of the biosolids that are discharged; and
 - 4. the quantity of the biosolids that are discharged.
 - ii. A person who discharges biosolids to land under these regulations must provide a copy of the records kept under subclause (1) to the relevant consenting authority in December of each year.
 - iii. The records provided under subclause (ii) must relate to the 12-month period ending on the last day of November in the year in which the records are provided to the relevant consenting authority.
 - iv. A person who discharges biosolids to land must retain a copy of the records kept under subclause (1) until the 5th anniversary of the date on which the person ceases to discharge biosolids to the land.