



URUTI COMPOSTING & VERMICULTURE FACILITY



Waste Acceptance Plan

Document No: RU-650-0200-A

Revision No: 1.2

Date: 20-9-2018

Waste Acceptance Plan

Version Control

Version	Date	Description	Prepared	Reviewed	Approved
V1.1	26-7-2018	Draft for review	C Kay		
V1.2	20-9-2018	Draft for review	C Kay		

To complete:

3.3 TRC approval of new waste

Need to develop a template

3.4 Monitoring and Sampling of Waste Products

3.4.1 Pre-approval

3.4.2 Pre-delivery

3.4.3 Onsite

3.5 Inward Goods Register

3.5.1.1 Weekly Diary Sheet

Waste Acceptance Plan

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Appendix A

Appendix B

Waste Acceptance Plan

1.0 Purpose of the Plan

2.0 General

3.0 Waste acceptance

Products that will be accepted will be guided by the resource consent conditions and includes but not limited to that listed in the Approved Waste List.

3.1 Resource Consent Conditions

Condition 2 The raw materials accepted onsite shall be limited to the following:

- Paunch grass;
- Animal manure from meat processing plant stock yards and dairy oxidation pond solids;
- Green vegetative wastes;
- Biosolid wastes, including but not limited to pellets from wastewater treatment plants;
mechanical pulping pulp and paper residue [excluding any pulping wastes that have been subject to chemical pulping or treated or mixed with any substance or material containing chlorine or chlorinated compounds];
- Solid drilling cuttings from hydrocarbon exploration provided they are blended down to a maximum hydrocarbon content of 5.0 % total petroleum hydrocarbon within 3 days of being onsite;
- Water based and synthetic based drilling fluids from hydrocarbon exploration provided they are blended down to a maximum hydrocarbon content of 5.0% total petroleum hydrocarbon content within 3 days of being brought onto the site;
- Produced water from hydrocarbon exploration;
- Vegetable waste solids [being processing by-products];
- Grease trap waste [from food service industries];
- Fish skeletal and muscle residue post filleting [free from offal]; and
- Poultry industry waste [eggshells, yolks, macerated chicks and chicken mortalities].

The acceptance of any other materials shall only occur if TRC advises in writing that the other materials will have minimal effects beyond those materials listed above.

Condition 3 Before bringing waste to the site the consent holder shall take a representative sample of each type of drilling waste permitted under condition two from each individual source, and have it analysed for the following:

- a) Total petroleum hydrocarbons (C₆-C₉, C₁₀-C₁₄-C₁₅-C₃₆);
- b) Benzene, toluene, ethylbenzene, and xylenes;
- c) Polycyclic aromatic hydrocarbons screening;
- d) Heavy metal screening; and
- e) Chloride, nitrogen, pH, potassium, and sodium.

The results of the analysis required by this condition shall be forwarded to the TRC every three months or upon request.

Condition 4 Material produced as a result of a dissolved air floatation process shall not be accepted on site.

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3.2 Approved Waste List

Accepted Waste Remediation (NZ) Ltd Uruti Site

13/02/2015

- paunch grass;
- solids recovered from dissolved air flotation units and small volumes of animal manure from meat processing plant stock yards;
- green vegetative wastes
- biosolid wastes, including but not limited to pellets from wastewater treatment plants;
- mechanical pulping pulp and paper residue [excluding any pulping wastes that have been subject to chemical pulping or treated or mixed with any substance or material containing chlorine or chlorinated compounds];
- solid drilling cuttings from hydrocarbon exploration with a maximum hydrocarbon content of 5.0 % total petroleum hydrocarbon prior to mixing or incorporation;
- Water based and synthetic based drilling fluids from hydrocarbon exploration with a maximum hydrocarbon content of 5.0 % total petroleum hydrocarbon prior to mixing or incorporation;
- vegetable waste solids [being processing by-products];
- fish skeletal and muscle residue post filleting [free from offal];
- poultry industry waste [eggshells, yolks, and macerated chicks]; and
- farm dairy oxidation pond solids.

3.3 TRC approval of new waste

If the Site Manager is approached about taking a waste material that is not on the "Consented Approved Inputs list" then he should apply to the TRC to add this material to the approved list **before acceptance on site**

The request will include

- Waste source
- Possible contaminants (i.e. heavy metals or hydrocarbons)
- Sample analysis

3.4 Monitoring and Sampling of Waste Products

3.4.1 Pre-approval

3.4.2 Pre-delivery

3.4.3 Onsite

3.5 Waste Reception Protocol

The site operations staff are to audit the incoming loads and direct customers (where applicable) to the tip-off pad.

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- If a material is deemed unsuitable, the operator is to advise the customer that the waste is not acceptable and to dispose of the material off site in the appropriate manner.
- If the material has already been dumped, then the site operator will load the material back onto the truck and advise the operator to dispose of the material off site in the appropriate manner.
- If material dumped is odorous the site operator will immediately incorporate the material into the compost process or cover the material with sawdust.

Any queries as to material acceptance are to be referred to the Site Manager.

3.6 Inward Goods Register

3.6.1.1 Weekly Diary Sheet

Below is a list of consented product we can receive at Uruti. We are able to take other products but have to get permission from the TRC.

- paunch grass;
- solids recovered from dissolved air flotation units and small volumes of animal manure from meat processing plant stock yards;
- green vegetative wastes
- biosolid wastes, including but not limited to pellets from wastewater treatment plants;
- mechanical pulping pulp and paper residue [excluding any pulping wastes that have been subject to chemical pulping or treated or mixed with any substance or material containing chlorine or chlorinated compounds];
- solid drilling cuttings from hydrocarbon exploration with a maximum hydrocarbon content of 5.0 % total petroleum hydrocarbon prior to mixing or incorporation;
- Water based and synthetic based drilling fluids from hydrocarbon exploration with a maximum hydrocarbon content of 5.0 % total petroleum hydrocarbon prior to mixing or incorporation;
- vegetable waste solids [being processing by-products];
- fish skeletal and muscle residue post filleting [free from offal];
- poultry industry waste [eggshells, yolks, and macerated chicks]; and
- farm dairy oxidation pond solids.