

Council Policy

POLICY TITLE:	WASTE MANAGEMENT POLICY (WASTE ACCEPTANCE CRITERIA - WASTE DISPOSAL FACILITIES)
RESPONSIBLE DIVISION:	Infrastructure Services
RESPONSIBLE SECTION:	ENVIRONMENT AND HEALTH
LINK TO CORPORATE PLAN:	STRATEGIC THEME 2: ENRICHED COMMUNITIES
RESPONSIBLE OFFICER:	CHIEF EXECUTIVE OFFICER
AUTHORISED BY:	ORDINARY MEETING OF COUNCIL - 11 JULY 2012
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DATE REVIEW DUE:	November 2015

POLICY OBJECTIVES/PURPOSE:

This policy outlines the acceptance criteria for wastes that are presented for disposal at a Council facility (either landfill or transfer station).

This purpose of this policy is to:

- protect against the disposal of any wastes that is not lawfully able to be disposed at a facility;
- protect against the disposal of any wastes may result in environmental nuisance, environmental harm or damage to Council infrastructure;
- assist in the conservation of the capacity (airspace) of Council facilities for residents and the usual business established within the Western Downs Regional Council area; and
- ensure the recovery of fees and charges that may be applicable for waste disposal.

ORGANISATIONAL SCOPE:

This policy applies to all patrons of Council landfill or transfer station facilities.

POLICY:

1. Wastes Accepted at a facility

Waste or any other material will only be accepted for disposal at a Council Landfill or transfer station facility where the waste or other material complies with all of the following criteria:

- (a) relevant fees have been paid to Council in accordance with Councils adopted Fees and Charges;
- (b) Council is authorised under a development approval or registration certificate pursuant to the Environmental Protection Act to accept such waste or any other material at the facility;



(c) the quantities of wastes or any other material presented from an individual place or activity in a financial year will not exceed more than 5% of the total annual disposal thresholds for that facility that is described by a development approval or registration certificate pursuant to the Environmental Protection Act. Further, separating waste and directing waste to a variety of waste facilities is not an acceptable means of avoiding any threshold described in this policy, and where waste is taken to a variety of facilities, the cumulated total of the waste will be considered as if it were being sent to the facility which has the smallest threshold and the waste quantities, and shall not exceed 5% of the total annual disposal threshold for that facility that is described by a development approval or registration certificate pursuant to the Environmental Protection Act. In the event that a waste or any other material presented does exceed this quantum, the originating customer will be categorised as a "Large Customer" and separate provisions under this policy will apply to that Large Customer;

(d) the Council landfill or transfer station is authorised to accept waste or any other material generated from a type that of place or activity. For example, some disposal facilities are only authorised to accept waste from domestic places, and are not authorised to accept waste originating from a commercial or industrial place or premise or wastes that could be categorised as commercial, industrial, construction or demolition wastes;

(e) Earthen material is only accepted where operationally required at that facility for use as cover or final capping material;

(f) the waste or any other material has been generated from a place or activity that is within the boundaries of the Western Downs Regional Council area; and

(g) the chemical, physical or other characteristics of the waste or any other material complies with the parameters contained within Attachment A or where a patron is seeking to dispose of $\leq 300\text{m}^3$ of earthen material it may be accepted without analytical assessment if the patron has provided sufficient information to enable Council's Officers to confirm the waste did not originate from a property listed on Council's contaminated land register. Quantities $> 300\text{m}^3$ will be accepted after the generator provides a copy of documentation confirming a search of the DEHP Environmental Management and Contaminated land register (Online searches can be conducted utilising CITEC confirm)

2. Fees and Charges

Fees and charges have been adopted by Council for the disposal of some categories of waste at a Council Landfill or Transfer Station.

To minimise cash handling at the Councils Landfill or Transfer Station, accounts will be prepared for customers and sent via Councils Accounts Receivable processes. In accordance with Council's Accounts Receivable (Debt Collection) Policy, for any customers with outstanding waste disposal invoices that are subject to advanced recovery action, Council may, at its discretion, cease to supply a waste disposal service at the Council Landfill or Transfer Station until such time that the account has been paid in full.

3. Reasonable Enquiries

Prior to a patron entering a facility or depositing waste at any Council facility, Council Officers or Councils representatives may require the patron to provide information to demonstrate that a waste or any other material presented to a site complies with the provisions of this policy. The Council Officer or Councils representative may undertake investigations to verify any such information provided by the patron, and reject any waste or any other material where the Council Officer or Council representative reasonably believes that the waste or any other material does not comply with this policy.

Furthermore, the Council Officer or Councils representative may be required to obtain information from the patron, to satisfy Queensland Government or Council data collection requirements.

In addition to Councils requirements, some companies (as part of their commercial arrangement with Council) require that any of their Officers or Agents disposing of waste on their behalf, provide certain additional information to the Council Officer or Councils Representative for verification or audit purposes. This information must be provided prior to entry to the facility.

4. Rejection of Waste from a facility



Where a patron seeks to dispose waste or any other material at a facility and it is believed not to comply with any of the provisions of this policy, Council may require the patron to provide information to demonstrate that a waste presented to a site complies with the provisions of this policy. Where the Council Officer or Council representative reasonably believes that waste that is to be disposed of does not comply with this policy, Council may reject the waste from being disposed of at the facility, and the patron must not deposit waste at the facility.

Where a patron disposes waste at a facility where they are not permitted by this policy to do so, the Council reserves the right to charge the patron any reasonable costs or fees for the proper removal and lawful disposal of any such waste at an alternative facility, and to take any other remedy available to it under law (including enforcement action).

5. Complying with an instruction

Council Officers, Councils representative or signage erected at a facility may provide a patron with a reasonable instruction. This may include a request to stop at a place, to not disposal of waste at a facility, to transport waste to another facility, to separate waste, remove contamination, place wastes in a specific place, area or manner; or any other reasonable instruction.

Patrons must comply with any reasonable instruction and penalties apply for failure to comply with a reasonable instruction.

6. Large Customer Provisions

Where the originating customer is considered to be a "Large Customer" under the provisions of this policy, the waste generated by such large customers is considered likely to place excessive pressure on Council facilities. This pressure will often result in the consumption of landfill airspace at a rate that is faster than would otherwise be planned, and require Council to bring forward the development of replacement facilities at substantial cost.

For this reason, any Large Customer will be required to enter into a separate commercial agreement with Council, and Council reserves the right not to enter an agreement with a large customer for any reason, (including whether Council actually has available landfill capacity for the Large Customers waste). A commercial agreement may also require the Large Customer to do certain things with waste, including waste compaction, separation, treatment; or may even require the Large Customer to transport waste to specific landfill facilities rather than the closest facility to that large Customer.

Furthermore, additional charges will apply to the disposal of waste prior to 31 December 2013 by a Large Customer, including an upfront contribution towards capital costs associated with the provision of Waste Facilities (including replacement facilities), and fees and charges that are greater than standard fees and charges. The capital costs for waste disposal facilities that are to be incorporated into any commercial agreement will be based on Western Downs Regional Councils estimated value of \$72 per tonne (2011/12), which will be annually indexed by the 'Council Cost Index' and may be subject to review at any time.

It must be noted that waste from the Large Customer cannot be accepted at any Western Downs Regional Council facility until such time that parties reach a commercial agreement.

RELATED LEGISLATION:

Environmental Protection Act 1994.

Waste Reduction and Recycling Act 2011.

RELATED DOCUMENTS (LOCAL LAWS, POLICIES, DELEGATIONS ETC):

Nil.

ATTACHMENTS:

Attachment A: Criteria for acceptance of Wastes, including earthen materials (Chemical, physical or other characteristics)



DEFINITIONS:

Waste: For the purpose of this policy, Waste has the definition as provided in Section 13 of Environmental Protection Act 1994 as well as any other material that is delivered, by a patron or their agent, to a Council facility for disposal, transport, recycling, reprocessing, resale or other treatment.

Section 13 of Environmental Protection Act:

(1) Waste includes any thing, other than a resource approved under the Waste Reduction Act, chapter 8, that is—

(a) left over, or an unwanted by-product, from an industrial, commercial, domestic or other activity; or

(b) surplus to the industrial, commercial, domestic or other activity generating the waste.

Example of paragraph (a)— Abandoned or discarded material from an activity is left over, or an unwanted by-product, from the activity.

(2) Waste can be a gas, liquid, solid or energy, or a combination of any of them.

(3) A thing can be waste whether or not it is of value.

(4) For subsection (1), if the approval of a resource under the Waste Reduction Act, chapter 8, is a specific approval, the resource stops being waste only in relation to the holder of the approval.

(5) Despite subsection (1), a resource approved under the Waste Reduction Act, chapter 8, becomes waste—

(a) when it is delivered to a levyable waste disposal site; or

(b) if it is deposited at a place in a way that would, apart from its approval under that chapter, constitute a contravention of the general littering provision or the illegal dumping of waste provision under that Act—when the depositing starts.

Council landfill or transfer station includes any facility that is owned or operated by Western Downs Regional Council that is commonly known as a Landfill, Transfer Station, Tip, or Waste and Recovery Centre.

REVIEW TRIGGER:

This policy will be reviewed every two years, or earlier as required.

Furthermore, the Environment and Health Manager (or equivalent position) of Western Downs Regional Council is specifically authorised to amend the 'Criteria for acceptance of Wastes, including earthen materials (Chemical, physical or other characteristics)' as contained in Attachment A at any time where deemed necessary to reject waste that would likely cause significant operation problems or environmental harm, or where changes are required for operational requirements or legislative reasons.

Attachment A: Criteria for acceptance of Wastes, including earthen materials (Chemical, physical or other characteristics)



WASTE ACCEPTANCE CRITERIA

LIMITS FOR WASTE AND CONTAMINATED SOIL FOR DISPOSAL IN LANDFILL

Waste including Contaminated Soil exceeding the maximum contaminant concentration in solid waste, or allowable leaching contaminant levels as prescribed by the following Table 1 are not accepted for disposal in an unlined landfill. Therefore Waste including Contaminated Soil complying with or less than the levels as prescribed by Table 1 are accepted for disposal in an unlined landfill.

Table 1

CONTAMINANT ANALYSIS MAXIMUM	CONTAMINANT CONCENTRATION IN SOLID WASTE (mg/kg)	ALLOWABLE LEACHING CONTAMINANT LEVELS (mg/L)
Non Specific Contaminants		
BOD		20,000
TOC		10,000
Petroleum Hydrocarbons		25
Metals/Non-Metals		
Antimony		5.0
Arsenic		5.0
Barium		10.0
Cadmium		0.05
Chromium		0.5
Cobalt		0.5
Copper		10.0
Lead		0.5
Mercury		0.01
Molybdenum		0.1
Nickel		0.5
Selenium		0.1
Silver		0.5
Thallium		0.1
Tin		0.3
Vanadium		0.5
Zinc		50.0
Inorganic Anions		
Bromide		5.0
Chloride		6,000
Cyanide (total)		1.0
Fluoride		15.0
Sulphate		2,500
Nitrate		100
Monocyclic Aromatic Hydrocarbons		
Benzene	10	0.1
Ethyl Benzene	500	5.0

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Toluene	300	3.0
Xylene	250	2.0
Total MAH	500	5.0
Polycyclic Aromatic Hydrocarbons		
Anthracene		0.7
Benzo (a) anthracene		0.005
Benzo (a) phenanthrene		0.005
Benzo (a) pyrene		0.002
Benzo (b) fluoranthene		0.005
Benzo (k) fluoranthene		0.005
Chrysene		0.1
Dibenz (a,h) anthracene		0.002
Dibenz (a,h) pyrene		0.01
Dimethylbenz (a) anthracene		0.005
Fluoranthene		0.02
Indeno (1,2,3-Cd) pyrene		0.01
Napthalene		0.07
Phenanthrene	500	0.01
Pyrene		0.07
Total PAH		0.1
Phenolic Contaminants		
<u>Non halogenated compounds</u>		
Phenol	100	1.0
m-Cresol	250	2.0
o-Cresol	250	2.0
p-Cresol	250	2.0
Total non-halogenated phenol	250	
<u>Halogenated phenols</u>		
Chlorophenol	1	0.01
Trichlorophenol	5	0.1
Pentachlorophenol	5	0.1
Total halogenated phenol	5	
Chlorinated Hydrocarbons		
<u>Chlorinated Aliphatic Compounds</u>		
Carbon Tetrachloride	5	0.03
1,2 Dichloroethane	10	0.1
1,1 Dictloroethene	1	0.003
Tetrachloroethene	10	0.1
Trichloroethene	25	0.3
Total chlorinated aliphatic	50	

<u>Chlorinated Aromatic Compounds</u>		
Chlorobenzene (total)	100	1.0
Hexachlorobenzene	1	0.002
Total chlorinated aromatic	100	
Pesticides		
Organochlorine		
Aldrin		0.001
Chlordane		0.006
Dieldrin		0.001
DDT		0.003
Endrin		0.001
Heptachlor		0.003
Lindane		0.1
Methoxychlor		0.1
Toxaphene		0.005
Total organochlorine pesticides	5	
Herbicides		
2,4-D		0.1
2,4-DB		0.2
MCPA		0.2
2,4,5-T		0.002
Total herbicides	25	
Carbamates		
Carbaryl		0.06
Carbofuran		0.03
Total carbamate pesticides	25	
Organophosphorus		
Diazinon		0.03
Parathion		0.006
Methyl Parathion		
Total Organophosphorus	10	
CONTAMINANT ANALYSIS MAX.		CONTAMINANT LEVELS IN SOLID INDUSTRIAL REFUSE (mg/kg)
Petroleum Hydrocarbons		
Total Petroleum Hydrocarbons C6-C9)		500
Total Petroleum Hydrocarbons (C9-C18)		5,000
Total Petroleum Hydrocarbons (>C18)		10,000

Source: DERM ecoaccess guideline – Landfill Siting, Design, Operation and Rehabilitation; and, BCC Liquid Industrial Waste Policy and Management Plans 1997.

LIMITS FOR CONTAMINATED SOIL USED FOR COVER MATERIAL ON LANDFILLS

Contaminated Soil complying with or less than the maximum contaminant concentration levels as prescribed by the following Table 2 are accepted for use as cover material.

Table 2 – Maximum total contaminant levels in soils used as cover material

Contaminant	Maximum total contaminant levels in soils used as cover material (mg/kg)
Arsenic (total)	200
Beryllium	40
Cadmium	40
Chromium (iii)	240,000
Chromium (iv)	200
Copper	2,000
Lead	600
Manganese	3,000
Mercury (inorganic)	30
Methyl Mercury	20
Nickel	600
Zinc	14,000

