Consent No. WGN130070 [31937]  

Category: Discharge permit

Pursuant to sections 104B, 105, 107 and 108, and subject to all the relevant provisions of the Resource Management Act 1991 and any regulations made thereunder, a consent in respect of a natural resource is hereby granted to:

<table>
<thead>
<tr>
<th>Name</th>
<th>Burrell Demolition Limited and C and D Landfills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>2 Landfill Road, Owhiro Bay, Wellington 6023</td>
</tr>
<tr>
<td>Duration of consent</td>
<td>Effective: 1 February 2013</td>
</tr>
<tr>
<td>Purpose for which right is granted</td>
<td>Discharge permit to discharge:</td>
</tr>
<tr>
<td></td>
<td>• construction and demolition material to land and</td>
</tr>
<tr>
<td></td>
<td>• leachate generated from this material to land where it may enter water</td>
</tr>
<tr>
<td>Location</td>
<td>C and D Landfill, 2 Landfill Road, Happy Valley, Wellington at or about map reference NZTM 1745612.5423113</td>
</tr>
<tr>
<td>Legal description of land</td>
<td>Part Lot 1 DP 2938</td>
</tr>
<tr>
<td>Conditions</td>
<td>1-11 as attached</td>
</tr>
</tbody>
</table>

For and on behalf of  
WELLINGTON REGIONAL COUNCIL

Manager, Environmental Regulation  
Date: 1/2/2013
Summary of your rights and responsibilities
(Not part of the resource consent)

This resource consent gives you the right to use a public resource (e.g. water, air, the coastal marine area) in the manner specified in the consent.

You may exercise the resource consent as you see fit provided that you comply with all the conditions of your resource consent and all other laws of the land.

If you wish to change the way you operate under this resource consent or if you wish to change or cancel any consent conditions, please contact the Wellington Regional Council (hereafter referred to as Greater Wellington) prior to making the changes. You may need a formal change to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. If you sell your operation please contact Greater Wellington and we will arrange the transfer. The service is free of charge.

If your resource consent application contained inaccurate or misleading information, Greater Wellington may cancel or alter the resource consent.

Your resource consent does not:

• provide any warranty of any structure or process;
• provide any guarantee that the resource will be available at all times;
• provide any right of access through or over public or private land;
• negate the need for any approvals necessary under other legislation.

You, as the holder(s) of this resource consent and your agents (including contractors and employees), are jointly and severally liable for compliance with the conditions of this consent. It is important that anyone operating on your behalf fully understands and complies with the conditions of the resource consent.

You are required to pay any relevant charges that are associated with the consent. Greater Wellington fixes these charges under section 36 of the Resource Management Act 1991. The Act allows you to comment on any proposed charges prior to them being fixed. Charges may be reviewed every year. If you would like a copy of our current Resource Management Charging Policy please ask us.

You are required to allow Greater Wellington Enforcement Officers access to your site and operation at any reasonable time so that we can inspect your operation and confirm that it is complying with the resource consent.

Your resource consent will lapse if you do not give effect to it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If you wish to apply for an extension of this lapse date please contact Greater Wellington before the lapse date.

If you stop using your resource consent for a continuous five-year period, Greater Wellington may cancel your resource consent. We will advise you in advance if we propose to cancel your consent. You have the right to object to your consent being cancelled.

This consent is issued without prejudice to any claim that is lodged with the Waitangi Tribunal in relation to the customary ownership of natural resources, whether it be a claim that is awaiting hearing or awaiting settlement by the Crown.
Conditions to Resource Consent
WGN130070 [31937]

General conditions

1. The location, design, implementation and operation of the activity shall be in general accordance with the consent application and its associated plans and documents lodged with the Wellington Regional Council (WRC):

   - Resource consent application prepared by OPUS consultants titled Application for Land Use Consents, Greater Wellington Regional Council* and received by WRC on 1 October 2012
   - Further information from OPUS consultants titled Further Information WGN130070 [31939] and [31937] outlining fill volumes, other material found in the landfill and a further assessment on leachate effects received by WRC on 11 December 2012, and
   - Further information received by WRC on 28 January 2013 (email with updated map detailing fill locations)

Where there may be contradiction or inconsistencies between the application and further information provided by the applicant, the most recent information applies. In addition, where there may be inconsistencies between information provided by the applicant and conditions of the consent, the conditions apply.

Note: Any change from the location, design concepts and parameters, implementation and/or operation may require a new resource consent or a change of consent conditions pursuant to section 127 of the Resource Management Act 1991.

2. The consent holder shall provide a copy of this consent and any documents and plans referred to in this consent to each operator or contractor the undertaking works authorised by this consent, prior to the works commencing.

Note: It is recommended that the contractors be verbally briefed on the requirements of the conditions of this consent prior to works commencing.

3. The consent holder shall ensure that a copy of this consent and all documents and plans referred to in this consent, are kept on site at all times and presented to any Wellington Regional Council officer on request.

   Note: The applicant has identified the landfill onsite office as the location where all documents will be located.

Site Management Plan

4. The consent holder shall ensure that all works are undertaken in accordance with the Site Management Plan (SMP) submitted with the application (or an updated and approved plan) at all times.

   Any changes to sections 3, 4, 5, 6, 9 and 10 of the SMP shall not be made without first ensuring they meet the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

   If the SMP is updated, and the updates are to the satisfaction of the Manager, the consent holder must provide a copy of the updated version to the Manager, Environmental Regulation, Wellington Regional Council no later than 1 month following the changes being made.

   Note: Unacceptable materials are defined in condition 8 of this consent.
Discharge management Plan

5. Within one month of the grant of this consent (1 March 2013) the consent holder shall prepare and submit for approval a Discharge Management Plan (DMP), to the Manager, Environmental Regulation, Wellington Regional Council.

The DMP shall include, but not be limited to, the following:

- To scale maps showing monitoring locations (GPS locations or NZTM grid references) that provide for an upstream control sample from both the Burrell's Gully Stream (DGSU) and Carey's Gully Stream (CGSU) tributaries, downstream of the discharge points (DGSD/CGSD, upstream and downstream of the confluence) and the seep from the landfill, called the bottom of the site; and
- A monitoring methodology for surface quality sampling, including, but not limited to:
  - The location and area the sampling will be undertaken over; and
  - A comparison with relevant tolerance limits (including method of calculation) and guidelines (e.g. surface water quality values against the ANZECC 2000 90% and 95% ecosystem protection values for freshwater quality) and the upstream control samples for the protection and maintenance of ecosystem services within the Owhiro Stream.

Note: The purpose of the DMP is to establish and implement a more scientifically robust quantification at representative locations of the effects of the discharge coming from the landfill, and the effects of the discharge to the downstream unnamed tributaries of Owhiro Stream.

Monitoring Conditions

6. At a minimum the consent holder shall take surface water samples from sites identified in the Discharge Management Plan. The surface water contaminants are to be sampled in March, June, October and December of the duration of this consent and shall include, but not be limited to analysis of:

- pH
- Conductivity $\mu$S/m
- Alkalinity g/m³
- Total suspended solids g/m³
- COD
- Total Hardness g/m³
- Ammoniacal Nitrogen g/m³
- Iron mg/m³
- Manganese mg/m³
- Lead mg/m³
- Copper mg/m³
- Zinc mg/m³
- Chromium $\mu$g/L
- Arsenic $\mu$g/L

All sampling techniques employed in respect of the conditions of this consent shall be to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council. All analyses shall be performed by an International Accreditation New Zealand (IANZ) registered laboratory or otherwise as specifically approved by the Manager, Environmental Regulation, Wellington Regional Council.

7. The consent holder shall ensure that electrical conductivity of surface water is measured on a monthly basis at sites identified in the Discharge Management Plan required under condition 5 of this consent.
8. The quality of the surface water discharge as sampled under condition 7 of this consent shall be compared with the following tolerance range:

<table>
<thead>
<tr>
<th>Contaminant and unit</th>
<th>Lower tolerance range</th>
<th>Upper tolerance range</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>-0.4</td>
<td>0.4</td>
</tr>
<tr>
<td>Conductivity</td>
<td>μS/m</td>
<td>72.4</td>
</tr>
<tr>
<td>Alkalinity</td>
<td>g/m³</td>
<td>226</td>
</tr>
<tr>
<td>Total suspended solids</td>
<td>g/m³</td>
<td></td>
</tr>
<tr>
<td>COD</td>
<td>g/m³</td>
<td>21</td>
</tr>
<tr>
<td>Total Hardness</td>
<td>g/m³</td>
<td></td>
</tr>
<tr>
<td>Ammoniacal Nitrogen</td>
<td>g/m³</td>
<td>0.346</td>
</tr>
<tr>
<td>Total Iron</td>
<td>mg/m³</td>
<td>2748</td>
</tr>
<tr>
<td>Total Manganese</td>
<td>mg/m³</td>
<td>1461</td>
</tr>
<tr>
<td>Total Lead</td>
<td>mg/m³</td>
<td>5.9</td>
</tr>
<tr>
<td>Total Copper</td>
<td>mg/m³</td>
<td>4.0</td>
</tr>
<tr>
<td>Total Zinc</td>
<td>mg/m³</td>
<td>130</td>
</tr>
<tr>
<td>Total Arsenic</td>
<td>μg/L</td>
<td>13.0</td>
</tr>
<tr>
<td>Total Chromium</td>
<td>μg/L</td>
<td>1.0</td>
</tr>
</tbody>
</table>

The limits for Total Suspended Solids and Total Hardness shall be calculated once the number of samples reaches 10. The same calculations to determine the upper and lower tolerance limits shall be applied as is detailed in the DMP in condition 6 of this permit.

All sampling techniques employed in respect of the conditions of this consent shall be to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council. All analyses shall be performed by an International Accreditation New Zealand (IANZ) registered laboratory or otherwise as specifically approved by the Manager, Environmental Regulation, Wellington Regional Council.

9. The consent holder shall ensure that all results from sampling required under condition 6, 7 and 8 of this consent and an analysis of those results in accordance with condition 6, 7 and 8 of this consent and a comparison to past results is submitted to the Manager, Environmental Regulation, Wellington Regional Council within one week of receipt of results from the lab.

The analysis of results shall be undertaken by an appropriately qualified person to the satisfaction of the Manager, Environmental regulation, Wellington Regional Council.

Note: Results can be sent to notifications@gw.govt.nz. Please include a contact name and number and your resource consent number (WGN130070).

Mixing zones

10. The discharges shall not give rise to any of the following effects after reasonable mixing:

- The production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials
- Any conspicuous change in colour or visual clarity
- Any emission of objectionable odour
- The rendering of fresh water unsuitable for consumption by farm animals
- Any significant adverse effects on aquatic life; or
- Any visible deposition of iron oxide or other heavy metals

For the purposes of this condition and permit, the discharges shall be reasonably mixed at 20 metres downstream of the discharge point from where the culvert outlet discharges into Carey's Gully.
Review Condition

11. The Wellington Regional Council may review any or all conditions of this consent by giving notice of its intention to do so pursuant to section 128 of the Resource Management Act 1991, at any time within three months of the anniversary of the consent for the duration of this consent, for the following purposes:

a) To review the adequacy of any report and/or monitoring requirements, and if necessary, amend these requirements outlined in this consent;

b) To deal with any adverse effects on the environment that may arise from the exercise of this consent; and which are appropriate to deal with at a later stage;

c) To enable consistency with any relevant Regional Plans or any National Environmental Standards or Regulations.

The review of conditions shall allow for the deletion or amendment of conditions of this consent; and the addition of such new conditions as are shown to be necessary to avoid, remedy or mitigate any significant adverse effects on the environment.

Note: Additional resource consents from your local council may be required to undertake this proposal. We advise you to contact the Wellington City Council prior to commencing works.