



31 January 2024

Luke Masters



Dear Luke Masters

Request for Information – Local Government Official Information and Meetings Act (the Act) 1987

We refer to your official information request dated 20 December 2023 for wastewater approvals or consents regarding 21B Reynolds Back Drive Stokes Valley.

Answer:

Please find attached information related to your request. These are the consents for Silverstream Landfill within which the address is located. Note that the Trade Waste Discharge is still permitted but Council has yet to receive the renewal for the current year.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

Please note that this response to your information request may be published on Hutt City Council's website. Please refer to the following link: www.huttcity.govt.nz/council/contactus/make-an-official-information-act-request/proactive-releases

Yours sincerely

Philip Rossiter

Senior Advisor, Official Information and Privacy



CONSENT TO DISCHARGE TRADE WASTE

Hutt City Council issues this consent under the Hutt Valley Trade Wastes Bylaw 2016 subject to any conditions listed below.

Silverstream Landfill

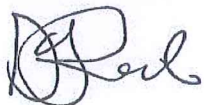
21A Reynolds Bach Dr. LOWER HUTT

Application number **TRA20565**
Consent category **2 - Medium Risk**

This consent is issued on the basis of information provided in your application to discharge trade waste from the above premises into the public sewer. It is not transferable. Any new owner of these premises must notify Hutt City Council.

Council contact: **Trade Waste, phone 570-6763**

Expires on the 30th day of June 2023



Derek Kerite
Head of Regulatory Services

Dated this 5th day of December 2022

Approved:
21 May 2019

Consent category 2 - Medium Risk	Conditional consent Yes	Inspection date 21 May 2019	
<p>Consent conditions</p> <p>HAZARDOUS SUBSTANCE STORAGE. You are required to ensure that where hazardous substances are stored, handled or used, or where hazardous processes are undertaken, construction shall be to protect people and other property, under both normal and reasonably foreseeable abnormal conditions, and shall be provided with the means of preventing hazardous substances or other materials unacceptable to the network utility operator, from entering the sewers or storm-water drains.</p> <p>MONITORING Any Trade Wastes monitoring will be at the expense of the occupier. Non compliance may result in an increase in Consent fees and elevation to a higher risk category.</p> <p>HCC General Manager City Infrastructure has implemented a regular monitoring programme to determine contaminant levels in the leachate discharged to Trade Waste. On this basis there is no requirement for further Trade Waste monitoring provided that results of this monitoring are available to the Trade Waste Officer within three weeks of the sample being taken. These results shall include flow and volume data and analytical results.</p> <p>Flow data shall be forwarded to the Trade Waste Officers within two weeks of the end of the previous month.</p> <p><u>Requisitions:</u></p> <p>The diesel tank bund needs better management to prevent contaminants being discharged when rain "Water" is discharged. There must be a trap installed for bund water to drain through. This is an existing non-compliance from 2018. Required prior to 30/9/2019 and risks managed in the interim.</p>			
Independent trade waste monitoring agent ELS			
Test code	Test code description	Trade waste bylaw limit	Frequency of test
0.2	Self monitoring		12
2	Suspended Solids	300g/m3	6
81	Chemical Oxygen Demand	2500g/m3	6
9507	Trade Waste Metals Suit (As Cd Cu Cr Pb Ni Zn)	g/m3	6
998	Inspection		2

If council inspectors find you are not complying with the conditions of your consent, further testing may be undertaken at your expense.



Resource Consent

RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [23248]

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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To discharge waste, fugitive leachate and other site-generated liquid to land, in circumstances where contaminants may enter water.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-21 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent

WGN040184 [23248]

General conditions

1. The location, design, implementation and operation of the discharge shall be generally as described in the resource consent application for Stage 2 development of the Silverstream Landfill and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The permit holder shall pass a copy of this consent and associated documents to any operator or contractor carrying out works permitted by this permit prior to the works commencing.
3. At least three months prior to commencing the landfilling activity, a Landfill Management Plan (LMP) shall be forwarded to the Manager, Consents Management, Wellington Regional Council for approval.

The LMP shall provide details of the procedures to be put into place to operate the landfill in compliance with conditions of this permit and to minimise the potential for adverse effects due to the operation of the landfill. The LMP shall include, but not be limited to:

- Description of the maintenance and development of the landfill;
- Description of the monitoring programme and record keeping relating to this permit;
- Description of hazardous waste acceptance criteria as specified in the "Guide to the Disposal of Wastes at Hutt City Council Landfills", dated May 1999 and methods of handling any unacceptable materials and the disposal of such material to an alternative facility;
- The emergency procedures to be followed in the event of natural emergencies and hazardous waste spills;
- The methods of controlling dust and odour emissions including the criteria for assessing when, and how regularly, roadways and the current landfill stages are dampened by water cart, or otherwise;
- Methods for reducing fugitive dust and odour emissions during deposition of materials to the landfill face; and
- Description of how landfill nuisances (including dust, litter, odour, noise, vermin, insects and birds) will be dealt with.

The permit holder, by 1 October of each year, shall complete a review of the LMP to ensure that management practices result in compliance with the conditions of these consents. Proposed revisions shall be forwarded to the Manager, Consents Management, Wellington Regional Council for approval.

4. Landfill operations shall at all times be in accordance with the current provisions of the LMP.
5. The permit holder shall liaise and work with the Silverstream Landfill Residents Liaison Group ('the Group') from the date of grant of this permit to develop a charter addressing issues as agreed between the Group and the permit holder. The permit holder shall report in writing to the Manager, Consents Management, Wellington Regional Council, annually as to the consultation and activities undertaken.

6. The permit holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Act.
7. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
8. Not less than six months prior to the expiry or surrender of this consent, the permit holder shall apply for such consents as are required for either the closure or future management of the landfill.
9. The permit holder's interest in this permit may not be transferred to any owner or occupier of the site pursuant to Section 137 of the Resource Management Act 1991.

Specific conditions

10. Waste and any fugitive leachate and other site-generated liquid shall only be discharged onto, or into, land on those areas of the site identified as the Proposed Stage 2 Landfill Footprint (see drawing No. 2 "Landfill Catchment Topography" of the application).
11. No waste, other than Municipal Solid Waste (MSW), shall be accepted for disposal.

Note: For the purposes of this permit, the definition of MSW shall be any non-hazardous, solid waste from a combination of domestic, commercial and industrial sources.
12. No liquid waste, other than site generated liquid waste, shall be accepted for disposal. The definition of liquid waste shall be any waste that has a solids content of less than 20%, except such waste that passes the Paint Filter Liquids Test (EPA Method 9095A).
13. Medical wastes shall be acceptable for disposal in accordance with NZS 4304:2002 "Health Care Waste Management".
14. Hazardous waste shall not be accepted for disposal at the Landfill.

Note: For the purposes of this permit, the definition of "hazardous waste" shall be:

- (i) Any waste that:
 - (a) contains hazardous substances at sufficient concentration to exceed the minimum degrees of hazard specified by Hazardous Substances (Minimum Degrees of Hazard) Regulations 2000 under the Hazardous Substances and New Organism Act 1996, or
 - (b) Meets the definition for radioactive material included in the Radiation Protection Act 1965 and Regulations 1982.

(ii) Wastes which exhibit the characteristics of toxicity and eco-toxicity which following testing using the US EPA Toxicity Characteristic Leaching Procedure (TCLP) result in leachable concentrations of contaminants in excess of the leachable concentration values in NSW EPA "TCLP Values for Solid Waste Landfills (1998)". Where NSW EPA TCLP values do not exist for a substance for which a disposal request is made, the TCLP limit shall be set at the lesser of:

- (a) NZS 9201 Trade Waste Bylaw limits; or
- (b) 100 times the New Zealand Drinking Water Standard (2000); or
- (c) 1000 times the 95 percent level of protection trigger values for freshwater as listed in Table 3.4.1 of "Australian and New Zealand Guidelines for Fresh and Marine Water Quality" (ANZECC, 2000).

15. The permit holder shall maintain daily records of:

- The quantities and types of waste accepted at the landfill; and
- The actual location of the disposal of any special and odorous wastes.

A copy of this record shall be forwarded to the Manager, Consents Management, Wellington Regional Council by 1 October each year, unless otherwise agreed in writing by the Manager, Consents Management, Wellington Regional Council.

16. The permit holder shall monitor the volume of leachate withdrawn from the landfill and record this volume on a daily basis. This record shall be reported in writing to the Manager, Consents Management, Wellington Regional Council by 1 October each year, unless otherwise specified in writing by the Manager, Consents Management, Wellington Regional Council.
17. The permit holder shall, by the end of each working day, fully cover the refuse and waste at the landfill with suitable cover. Sufficient supplies of suitable cover material shall be stock piled on site at all times.
18. A final compacted soil capping layer of at least 1.5 metres shall be applied by the permit holder to each completed landfill stage.
19. The permit holder shall take all practicable measures to prevent windblown litter from leaving the active landfilling area. These measures shall include, but not be limited to, the use of movable screens.
20. The permit holder shall regularly monitor the landfill site for build-up of litter, paper and other deposits outside the active landfilling area, and remove any such material on a weekly basis.
21. The permit holder is to take effective precautions to ensure that refuse and dirt is not tracked or otherwise taken off the landfill site. The methods of controlling this shall be addressed in the LMP required under Condition 3 of this permit.



Resource Consent

RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [33373]

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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To discharge landfill gas, exhaust gases, dust, odour and other contaminants to air from a landfill.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZTM 1767771.5441185	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District	
Volume/quantity/rate	N/A	
Conditions	1-24 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date: 24 April 2017

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 Greater Wellington Regional Council (GWRC) 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 GWRC and we will arrange the transfer for you (at no cost) once you've completed a 'Transfer of Permit' form including the signatures of the old and new owners.

If your resource consent application contained inaccurate or misleading information, GWRC 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 processing and monitoring of your consent under section 36 of the Resource Management Act 1991. Charges may be reviewed every year. If you would like a copy of our current Resource Management Charging Policy please ask us.

You have the right to object to the decision on your consent and/or any additional charges (over and above fixed charges) under section 357A and 357B of the Resource Management Act 1991. Such an objection should be made in writing, setting out the reasons, and be received by us within 15 working days of any decision on your consent and/or additional charges being notified to you.

You are required to allow GWRC 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 your 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 GWRC before the lapse date.

If you stop using your resource consent for a continuous five-year period, GWRC 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

WGN040184 [33373]

General conditions

1. The location, design, implementation and operation of the discharge to air shall be generally as described in the resource consent application for Stage 2 development of the Silverstream Landfill and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The permit holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
3. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
4. Not less than six months prior to the expiry or surrender of this consent, the permit holder shall apply for such consents as are required for either the closure or future management of the landfill.
5. The permit holder's interest in this permit may not be transferred to any owner or occupier of the site pursuant to Section 137 of the Resource Management Act 1991.

Specific conditions

6. There shall be no discharges to air that are noxious, dangerous, offensive or objectionable at or beyond the legal boundary of the permit holder's property. These discharges include odour and dust.

Complaints and incidents

7. The permit holder shall keep a permanent record of any complaints received alleging adverse effects from the permit holder's operations. The complaints record shall contain the following where practicable:
 - (a) the name and address of the complainant, if supplied;
 - (b) identification of the nature of the complaint;

- (c) date and time of the complaint and alleged event;
- (d) weather conditions at the time of the alleged event;
- (e) results of the permit holder's investigations; and,
- (f) any mitigation measures adopted.

The complaints record shall be made available to the Wellington Regional Council on request.

The permit holder shall notify the Manager, Consents Management, Wellington Regional Council, of any complaints received, which relate to the exercise of this permit, within 24 hours of being received, or on the next working day.

8. The permit holder shall keep a permanent record of any incident that could have caused or have caused adverse effects on the environment at or beyond the boundary or caused a breach of any condition of this resource consent.

The permit holder shall notify the Manager, Consents Management, Wellington Regional Council, of any incident within 24 hours of the incident being brought to the attention of the permit holder or on the next working day.

The permit holder shall forward an incident report to the Manager, Consents Management, Wellington Regional Council within seven working days of the incident occurring, unless otherwise agreed with the Manager, Consents Management, Wellington Regional Council.

Odour control

9. Refuse shall be covered with cleanfill or soil cover to a minimum depth of 150mm at the end of each working day. Alternative daily cover materials, such as tarpaulins, may be used in lieu of the clean fill or soil cover, with the approval in writing from the Manager, Consents Management, Wellington Regional Council. No refuse shall remain exposed overnight.

Gas management

10. The concentration of methane in monitoring probes outside the landfill footprint shall not exceed 5% by volume.
11. There shall be no visible emission, other than water vapour, light, heat haze, or steam, from any landfill gas flare.
12. The concentration of methane at the surface of landfill areas with intermediate or final cover shall not exceed 0.5% by volume.
13. The permit holder shall install a landfill gas extraction system in general accordance with drawings 50 ("Landfill Gas Extraction Well Layout") and 51 ("LFG System – Typical") and associated plans included in the consent application, dated November 2003.
14. All extraction wells shall be connected to the gas extraction system no later than 12 months after placing wastes within the radius of influence of the wells. Gas venting from the wells prior to connection to the gas extraction system may be burnt by passive flares.
15. Except as provided in Condition 14, all extracted landfill gas shall be combusted in a flare or generator. The gas collection and treatment system shall be restored as soon as practicable in the event of a malfunction, fault, or power outage.

Monitoring and reporting

16. The permit holder shall undertake a weekly walkover site inspection. Any evidence of actual or potential landfill gas leaks, such as odour, cracks in the landfill surface, gas bubbles, leaks in the gas extraction system, or vegetation damage, shall be investigated. Where necessary remedial action shall be undertaken as soon as practicable to minimise fugitive gas discharges. Monitoring of surface emissions shall be carried out to demonstrate compliance with this condition on a quarterly basis.
17. Methane concentrations shall be measured and recorded on a monthly basis in each of the monitoring probes outside of the landfill footprint to demonstrate compliance with Condition 10.
18. Landfill gas shall be monitored at each extraction well head or, if more appropriate, at manifold points, on a three-monthly basis. The following parameters shall be measured and recorded:
 - (a) gas flow rate;
 - (b) gas composition (% methane, % oxygen, % carbon dioxide);
 - (c) gas temperature;
 - (d) ambient temperature;
 - (e) gas pressure;
 - (f) barometric pressure;
 - (g) ppm carbon monoxide if residual nitrogen exceeds 15%;
 - (h) hydrogen sulphide; and
 - (i) total non-methane organic compounds.
19. The permit holder shall measure and record on-site weather conditions every 30 minutes. The parameters measured shall include:
 - (a) wind velocity and direction;
 - (b) barometric pressure;
 - (c) rainfall; and
 - (d) temperature.
20. The permit holder shall maintain a permanent log of all inspections, investigations and actions taken with respect to the landfill gas system.
21. If monitoring demonstrates that the methane gas concentration limit specified in Condition 12 is exceeded, then remedial action shall be carried out and the concentrations re-tested within 14 days. If this is not practicable, the permit holder shall prepare a programme of remedial action, including a timetable, within 14 days of the exceedance. The proposed programme shall be implemented within the proposed time period.
22. The permit holder shall provide sufficient on-site electrical generation, or other appropriate measures, to ensure the operation of landfill gas flare equipment is not interrupted for more than two hours through loss of mains power supply.

Reporting

- 23.¹ The permit holder shall produce and submit a quarterly report, including the results from all monitoring required under this consent, and shall forward the report to the Manager, Consents Management, Wellington Regional Council by 30 April, 31 July, 31 October and 31 January each year.
24. The permit holder shall submit a monitoring and contingency plan to the Manager, Consents Management, Wellington Regional Council for approval one month prior to commencing monitoring. The plan shall:
- Set out responsibilities for carrying out the monitoring;
 - Evaluate results; and
 - Set out both groundwater and surface water response standards and contingency measures to be implemented should those standards be exceeded.

¹ Condition 23 changed under S127 RMA on 24/04/17

Resource Consent

RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [23250]

Category: Water permit

Pursuant to sections 104B 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To dam and divert Tip Stream for the purposes of creating a sedimentation pond.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-9 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:

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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent WGN040184 [23250]

General conditions

1. The location, design, implementation and operation of the dam and diversion shall be generally as described in the resource consent application for Stage 2 development of the Silverstream Landfill and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The permit holder shall pass a copy of this permit and associated documents to any operator or contractor carrying out works permitted by this permit prior to the works commencing.
3. The permit holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
4. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
 - Not less than six months prior to the expiry or surrender of this consent, the permit holder shall apply for such consents as are required for either the closure or future management of the landfill.

Specific conditions

5. The Manager, Consents Management, Wellington Regional Council, shall be given a minimum of 48 hours notice prior to the works commencing.

Works/design conditions

6. Any erosion of the stream bank or bed that is attributable to the works carried out as part of this permit shall be repaired by the permit holder.
7. Diversion channels and cut-off drains shall be maintained to minimise the infiltration and run-off of stormwater onto the landfill from areas outside the landfill footprint.
8. All diverted stormwater shall be treated in the sedimentation pond as shown on Drawing 1 "Proposed Stage 2 Development" and Drawing 40 "Permanent Stormwater Drainage Catchment Plan", submitted as part of the application.

9. The permit holder shall ensure that any fish that are stranded during construction and dewatering are immediately placed back in the active flowing channel. Dewatering is the process of the former area of active flowing channel losing water after the new channel begins to operate.



Resource Consent RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [36288]

Category: Discharge permit

Pursuant to sections 104B, 105, 107, 108 and 127, 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:

Name	Hutt City Council		
Address	30 Laings Road, Lower Hutt		
Duration of consent	Effective: 13 May 2004	Variation: 2 August 2019	Expiry: 13 May 2039
Purpose for which right is granted	To discharge uncontaminated stormwater, groundwater and treated stormwater from a sedimentation pond to Tip Stream.		
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZTM 1767771.5441185		
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District		
Conditions	1-18 as attached		

For and on behalf of
WELLINGTON REGIONAL COUNCIL

.....
Team Leader, Environmental Regulation

Date: 2 August 2019
.....

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 Greater Wellington Regional Council (GWRC) 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 GWRC and we will arrange the transfer for you (at no cost) once you've completed a 'Transfer of Permit' form including the signatures of the old and new owners.

If your resource consent application contained inaccurate or misleading information, GWRC 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 processing and monitoring of your consent under section 36 of the Resource Management Act 1991. Charges may be reviewed every year. If you would like a copy of our current Resource Management Charging Policy please ask us.

You have the right to object to the decision on your consent and/or any additional charges (over and above fixed charges) under section 357A and 357B of the Resource Management Act 1991. Such an objection should be made in writing, setting out the reasons, and be received by us within 15 working days of any decision on your consent and/or additional charges being notified to you.

You are required to allow GWRC 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 your 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 GWRC before the lapse date.

If you stop using your resource consent for a continuous five-year period, GWRC 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

WGN040184 [36288]

General conditions

11. The location, design, implementation and operation of the discharge shall be generally as described in the resource consent application for Stage 2 development of the Silverstream Landfill and associated documents dated November 2003, except where amendments are required by conditions of these consents, including the change of conditions application lodged 5 June 2019. In the event of differences or conflict between the measures described in the documents, and the conditions, the conditions shall prevail.
2. The permit holder shall pass a copy of this permit and associated documents to any operator or contractor carrying out works permitted by this permit prior to the works commencing.
3. The permit holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
4. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
5. Not less than six months prior to the expiry or surrender of this permit, the permit holder shall apply for such consents as are required for either the closure or future management of the landfill.
6. The permit holder's interest in this permit may not be transferred to any owner or occupier of the site pursuant to Section 137 of the Resource Management Act 1991.

Specific conditions

7. The discharge of stormwater from the sedimentation pond shall not result in any of the following effects in Tip Stream at or beyond the boundary of the landfill property:
 - (a) The production of any conspicuous oil or grease films, scums or foams or floatable or suspended material;
 - (b) Any conspicuous change in colour or visual clarity;
 - (c) Any emissions of objectionable odour;

¹ Condition changed under s127 of the RMA on 2/8/2019



2 August 2019

- (d) The rendering of fresh water unsuitable for consumption by farm animals;
- (e) Any significant adverse effect on aquatic life; and/or
- (f) Any visible deposition of iron oxide.

Surface water monitoring

8. The permit holder shall carry out monthly inspections of Tip Stream below Silverstream Landfill and following moderate to heavy rainfall for compliance with Condition 7 of this consent.
9. All stormwater coming into contact with refuse shall be discharged into the leachate collection system and not into the sedimentation pond.
10. The permit holder shall place and maintain an appropriate sign near Tip Stream on the south-western boundary of the landfill to the satisfaction of the Manager, Consents Management, Wellington Regional Council. This sign shall:
 - (a) Provide clear identification of the location and nature of the discharge and advise that the stream is not suitable for contact recreation; and
 - (b) Be visible to the public visiting the area without unnecessarily detracting from the visual amenity of the area.
- 11². The permit holder shall monitor water quality in Tip Stream at sampling locations to be approved by the Manager, Consents Management, Wellington Regional Council. The permit holder shall provide the sampling protocols to the Manager, Consents Management, Wellington Regional Council, at least one month before sampling commences. To this end, the permit holder shall monitor for the following parameters twice a year, to coincide with low flow during the winter groundwater level maximum (September) and summer groundwater minimum (April):
 - estimate of flow
 - pH (field and laboratory)
 - conductivity (field and laboratory)
 - BOD5
 - Chloride
 - Potassium
 - ammoniacal nitrogen
 - nitrate nitrogen
 - dissolved reactive phosphorous
 - potassium
 - total zinc
 - total boron
 - Suspended solids
 - Alkalinity g/m³
 - Total hardness g/m³
 - Iron mg/m³
 - Manganese mg/m³
 - Lead mg/m³
 - Chromium µg/L
 - Arsenic µg/L

Sampling shall be undertaken in accordance with protocols approved in writing by the Manager, Consents Management, Wellington Regional Council. The results of such monitoring shall be reported in writing to the Manager, Consents Management, Wellington Regional Council within two months of completion of the sampling.

² Condition changed under s127 of the RMA on 2/8/2019

Chittock

2 August 2019

12.³ The permit holder shall monitor water entering the sedimentation pond and water flowing from the pond outlet at a monthly frequency for the following parameters:

- pH
- Conductivity
- chloride; and
- ammonia-nitrogen
- temperature

Monthly monitoring shall be completed on the same day each month, or same set time.

The trigger levels set shall be supplied to the Manager, Consents Management, Greater Wellington Regional Council.

Note 1: For the purposes of this permit, trigger levels to indicate potential leachate contamination shall be set using the following:

- *pH - the mean plus or minus three standard deviations of baseline stormwater pH data from monthly monitoring of the Tip Stream surface water system prior to refuse deposition in Stage 2.*
- *Conductivity - the mean plus three standard deviations of baseline stormwater conductivity data from monthly monitoring of the Tip Stream surface water system prior to refuse deposition in Stage 2.*
- *Chloride- the mean plus three standard deviations of baseline stormwater conductivity data from monthly monitoring of the Tip Stream surface water system prior to refuse deposition in Stage 2 (2006 – 2009).*
- *Ammonia-nitrogen –the mean plus three standard deviations of baseline stormwater conductivity data from monthly monitoring of the Tip Stream surface water system prior to refuse deposition in Stage 2 (2006 – 2009).*

Note 2: It is important that sampling is taken consistently so that the water is sampled under a range of weather events. E.g. samples may be the first day each month, or the first Monday each month, as long as it is consistent.

13.⁴ The sedimentation pond shall be configured such that in the case of contamination being detected at the outlet, the outflow can be stopped for conditions which do not result in flow over the auxiliary spillway, and shall include provision for pumping to enable contaminated stormwater to be re-circulated to the landfill or diverted to the leachate system for treatment as leachate.

14.⁵ If the trigger levels for the monthly water quality monitoring parameters are exceeded, the permit holder shall take a grab sample of water from the sampling point at the outlet from the sedimentation pond, as shown on Drawing 46 "Stormwater Sedimentation Pond Layout" of the application and analyse this sample for the parameters listed below:

- pH
- Conductivity
- Ammoniacal nitrogen
- Nitrate nitrogen
- Alkalinity
- Chloride
- Potassium
- Total organic carbon

Sampling shall be undertaken in accordance with protocols to be approved by the Manager, Consents Management, Wellington Regional Council under condition 11 of this permit.

The results of the grab sample analysis shall be reported to the Manager, Consents Management, Wellington Regional Council within two weeks of sampling, unless otherwise agreed in writing by the Manager, Consents

³ Condition changed under section 127 of the RMA on 2/8/2019

⁴ Condition changed under section 127 of the RMA on 2/8/2019

⁵ Condition changed under section 127 of the RMA on 2/8/2019



2 August 2019

Management, Wellington Regional Council.

15. All water quality sample analyses required shall be undertaken using standard methods as detailed in the "Standard Methods for the Examination of Water and Waste Water 1998", twentieth edition by APHA and AWWA and WEF or by some other method approved in advance in writing by the Manager, Consents Management, Wellington Regional Council. A laboratory that is accredited to ISO/IEC Guide 25 for those specific tests shall carry out all testing.
16. If monitoring of the discharge system indicates leachate contamination, then the permit holder shall take immediate steps to prevent further leachate contamination and immediately report to the Manager, Consents Management, Wellington Regional Council on actions taken and further actions proposed to address leachate contamination.

Reporting

- 17.⁶ The permit holder shall produce and submit a quarterly report, including the results from all monitoring required under this consent, and shall forward the report to the Manager, Consents Management, Wellington Regional Council by 30 April, 31 July, 31 October and 31 January each year.
18. The permit holder shall submit a monitoring and contingency plan to the Manager, Consents Management, Wellington Regional Council for approval one month prior to commencing monitoring. The plan shall:
 - Set out responsibilities for carrying out the monitoring;
 - Evaluate results; and
 - Set out both groundwater and surface water response standards and contingency measures to be implemented should those standards be exceeded.

⁶ Changed under S127 RMA on 24/04/17



2 August 2019

22 JUN 2004



Resource Consent

RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [23253]

Category: Land use consent

Pursuant to sections 104B 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To construct a sedimentation pond, dam, lined channel and drop structures in the bed of Tip Stream.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-15 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent

WGN040184 [23253]

General conditions

1. The location, design, implementation and operation of the Stage 2 development of the Silverstream Landfill shall be generally as described in the resource consent application and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. Detailed designs of all 'principal' works shall be forwarded to the Manager, Consents Management, Wellington Regional Council at least ten working days prior to works commencing.

Note: For the purposes of condition 2, 'principal' works means the sedimentation pond, the flow control structures, the dam, and the lined channel and drop structures.

3. The consent holder shall pass a copy of this consent and associated documents to any operator or contractor operating the landfill or carrying out works permitted by the consent on their behalf prior to the works commencing.
4. The consent holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
5. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
6. Not less than six months prior to the expiry or surrender of this consent, the consent holder shall apply for such consents as are required for either the closure or future management of the landfill.

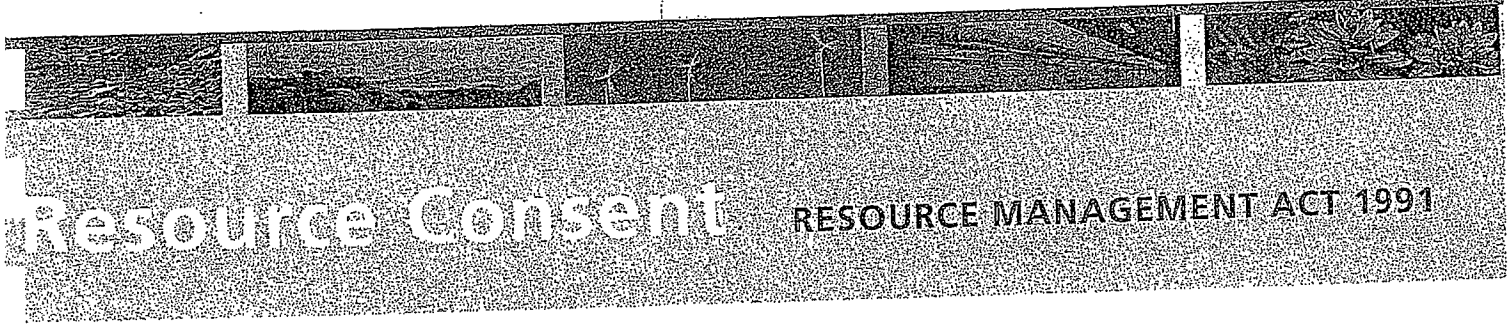
Specific conditions

7. The Manager, Consents Management, Wellington Regional Council, shall be given a minimum of 48 hours notice prior to the works commencing.

Works/design conditions

8. All material used to construct the dam in Tip Stream shall be inert and have no potential to produce harmful effects on the environment.
9. A certificate signed by the person or persons (or suitably qualified person) responsible for designing the 'principal' works and structures, outlined in Condition 2, shall be submitted to the Manager, Consents Management, Wellington Regional Council within one month of completion of the works to certify that the works were carried out in accordance with the design plans submitted.
10. All practicable steps shall be taken to minimise sedimentation and turbidity in the stream, during the implementation, construction and operation of the works. These steps shall include, but not be limited to:
 - Separating construction activities from flowing water; and
 - Not cleaning, storing or refuelling machinery within 10 metres of the stream.
11. No contaminants (including but not limited to oil, petrol, diesel, hydraulic fluid) shall be released into water from equipment being used for the activity.
12. All works affecting the watercourse, including tidy-up on completion of the works shall be completed to the satisfaction of the Manager, Consents Management, Wellington Regional Council.
13. The works shall remain the responsibility of the consent holder and shall be maintained so that:
 - Any erosion of the stream bank or bed that is attributable to the works carried out as part of this consent is repaired by the consent holder;
 - The structural integrity of the structures remains sound; and
 - The batters of the dam structure shall be 'stabilised' against erosion within three months of completion of the structure.

Note: For the purposes of Condition 13, 'stabilised' in relation to any site or area means inherently resistant to erosion or rendered resistant, such as by using indurated rock or by the application of basecourse, colluvium, grassing, mulch, or another method to the reasonable satisfaction of the Manager, Consents Management, Wellington Regional Council and as specified in Wellington Regional Council's "Erosion and Sediment Control Guidelines for the Wellington Region". Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by the Manager, Consents Management, Wellington Regional Council, an 80% vegetative cover has been established.
14. Scour protection works of concrete, rock or timber construction shall be placed at the outlet of the sedimentation pond to prevent scour.
15. If koiwi, taonga or other artefact material is discovered in any area during the works, the consent holder shall ensure that Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust are immediately contacted, and construction work in that area shall be stopped immediately to allow a site inspection by these groups and their advisors. The consent holder shall then consult with Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust on appropriate steps to recover the artefacts in order that work can resume.



Consent No. WGN040184 [23254]

Category: Water permit

Pursuant to sections 104B 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To divert ephemeral streams and existing drains to a sedimentation pond.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-11 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent

WGN040184 [23254]

General conditions

1. The location, design, implementation and operation of the diversion shall be generally as described in the resource consent application Stage 2 development of the Silverstream Landfill and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The permit holder shall pass a copy of this consent and associated documents to any operator or contractor carrying out works permitted by this permit on their behalf prior to the works commencing.
3. The permit holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
4. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
5. Not less than six months prior to the expiry or surrender of this consent, the permit holder shall apply for such consents as are required for either the closure or future management of the landfill.

Specific conditions

6. The Manager, Consents Management, Wellington Regional Council, shall be given a minimum of 48 hours notice prior to the works commencing.

Works/design conditions

7. All diversion channels shall be designed to manage a 1% Annual Exceedance Probability (AEP) design flood. The diversion channels shall be designed such that if this capacity is exceeded the preferential secondary flow path is away from the landfill.
8. Diversion channels and cut-off drains shall be designed and maintained to minimise the infiltration and run-off stormwater onto the landfill from areas outside the landfill footprint.

9. All diverted stormwater shall be treated by the Sediment Pond as shown on Drawing 1 "Proposed Stage 2 Development" and Drawing 40 "Permanent Stormwater Drainage Catchment Plan", submitted as part of the application.
10. The consent permit holder shall ensure that any fish that are stranded during construction and dewatering are immediately placed back in the active flowing channel. Dewatering is the process of the former area of active flowing channel losing water after the new channel begins to operate.
11. The diversions shall remain the responsibility of the permit holder and shall be maintained to the satisfaction of the Manager, Consents Management, Wellington Regional Council.

22 JUN 2004



Resource Consent

RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [23256]

Category: Land use consent

Pursuant to sections 104B 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To construct diversion structures in the beds of tributaries of Tip Stream for the purpose of stormwater management.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-17 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent

WGN040184 [23256]

1. The location, design, implementation and operation of the Stage 2 development of the Silverstream Landfill shall be generally as described in the resource consent application and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. Detailed designs of all 'principal' works shall be forwarded to the Manager, Consents Management, Wellington Regional Council at least ten working days prior to works commencing.

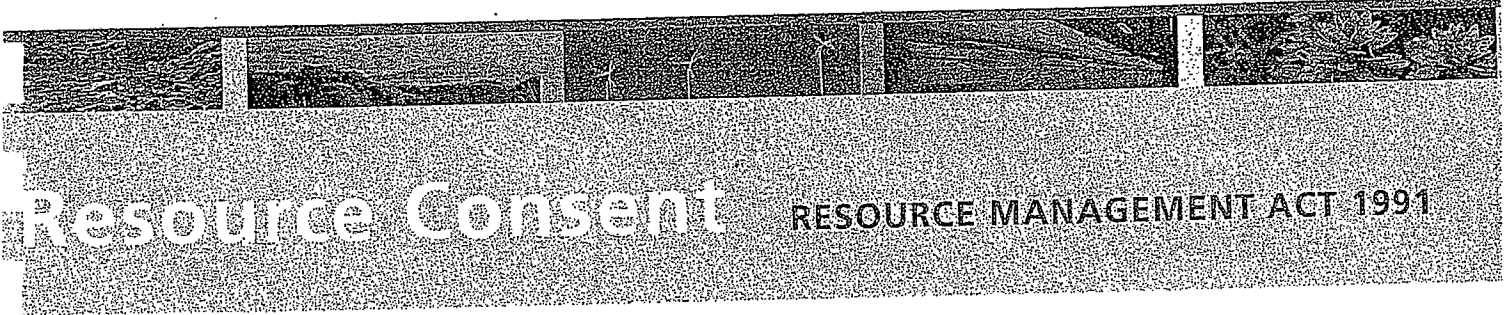
Note: For the purposes of Condition 2, 'principal' works means the diversion structures to be placed in riverbeds of tributaries of Tip Stream for the purpose of stormwater management.

3. The consent holder shall pass a copy of this consent and associated documents to any operator or contractor operating the landfill or carrying out works permitted by the consent on their behalf prior to the works commencing.
4. The consent holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
5. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
6. Not less than six months prior to the expiry or surrender of this consent, the consent holder shall apply for such consents as are required for either the closure or future management of the landfill.

Specific conditions

7. The consent holder shall take all practicable steps to minimise sedimentation and turbidity of the tributaries due to the works. These steps shall include, but not be limited to, carrying out the works during low flows, and diverting the stream flow around the works area during works in the stream.
8. All machinery shall be well maintained at all times to prevent leakage or spill of oil or other chemicals into the tributary.
9. No machinery shall be cleaned, stored or refuelled within ten metres of the tributary.

10. Diversion channels shall be designed such that if this capacity is exceeded the preferential secondary flow path is, as far as practicable, away from the landfill.
11. Diversion channels and cut-off drains shall be maintained to minimise the infiltration and run-off of stormwater onto the landfill from areas outside the landfill footprint.
12. The consent holder shall ensure that any fish that are stranded during dewatering of the section of the streambed being diverted are immediately placed back in the active flowing channel.
13. The works shall remain the responsibility of the consent holder and shall be maintained so that any erosion or scour attributable to the works is minimised and repaired.
14. If koiwi, taonga or other artefact material is discovered in any area during the works, the consent holder shall ensure that Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust are immediately contacted, and construction work in that area shall be stopped immediately to allow a site inspection by these groups and their advisors. The consent holder shall then consult with Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust on appropriate steps to recover the artefacts in order that work can resume.
15. All works affecting the stream including tidy-up on completion of the works shall be to the satisfaction of the Manager, Consents Management, Wellington Regional Council.
16. Suitable scour protection of concrete, rock or timber construction shall be placed at the inlet and outlet of any channels and, if required, at intermediate locations.
17. Any sediment control measures used shall be constructed and carried out in accordance with the "Erosion and Sediment Control Guidelines for the Wellington Region", dated September 2002.



Consent No. WGN040184 [23259]

Category: Land use consent

Pursuant to sections 104C 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To undertake earthworks associated with the formation of roads and tracks.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-11 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent

WGN040184 [23259]

General conditions

1. The location, design, implementation and operation of the Stage 2 development of the Silverstream Landfill shall be generally as described in the resource consent application and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The consent holder shall pass a copy of this consent and associated documents to any operator or contractor operating the Landfill or carrying out works permitted by the consent on their behalf prior to the works commencing.
3. The consent holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
4. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
5. Not less than six months prior to the expiry or surrender of this consent, the consent holder shall apply for such consents as are required for either the closure or future management of the landfill.

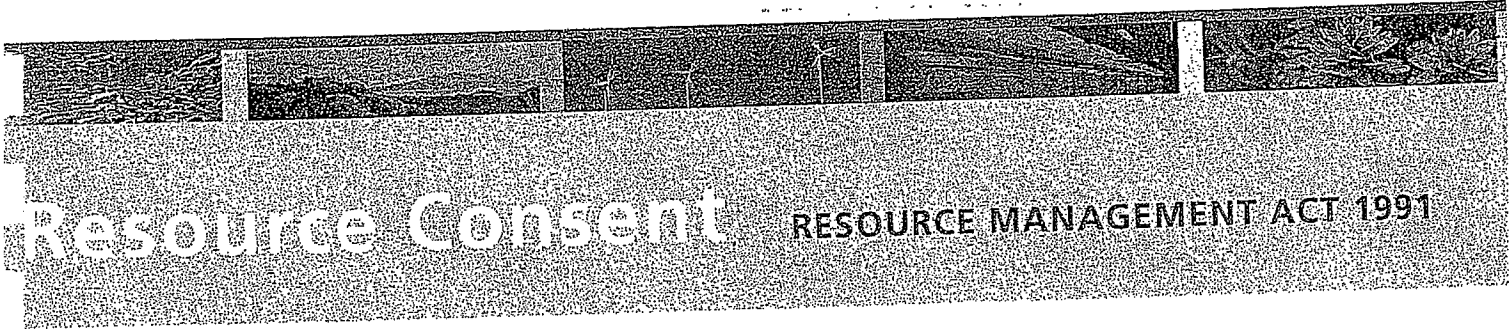
Specific conditions

6. The Manager, Consents Management, Wellington Regional Council, shall be given a minimum of 48 hours notice prior to the works commencing.
7. Earthworks shall be constructed and carried out in accordance with the principles contained within the "Erosion and Sediment Control Guidelines for the Wellington Region", dated September 2002.
8. If koiwi, taonga or other artefact material is discovered in any area during the works, the consent holder shall ensure that Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust are immediately contacted, and construction work in that area shall be stopped immediately to allow a site inspection by these groups and their advisors. The consent holder shall then consult Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust on appropriate steps to recover the artefacts in order that work can resume.

9. The consent holder shall take all practicable steps to ensure that the works do not result in vegetation, soil, slash or other debris entering any surface water body.
10. All construction works shall be 'stabilised' in the minimum time practicable.

Note: For the purposes of Condition 10, 'stabilised' in relation to any site or area means inherently resistant to erosion or rendered resistant, such as by using indurated rock or by the application of basecourse, colluvium, grassing, mulch, or another method to the reasonable satisfaction of the Manager, Consents Management, Wellington Regional Council and as specified in the Wellington Regional Council's "Erosion and Sediment Control Guidelines for the Wellington Region", dated September 2002. Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by the Manager, Consents Management, Wellington Regional Council, an 80% vegetative cover has been established.

11. The works shall remain the responsibility of the consent holder and shall be maintained to minimise effect on slope stability, erosion and sedimentation to the satisfaction of the Manager, Consents Management, Wellington Regional Council.



Consent No. WGN040184 [23260]

Category: Land use consent

Pursuant to sections 104C 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To excavate the floor and side slopes of the landfill and to operate borrow areas for the supply of construction and cover materials.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-11 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent WGN040184 [23260]

General conditions

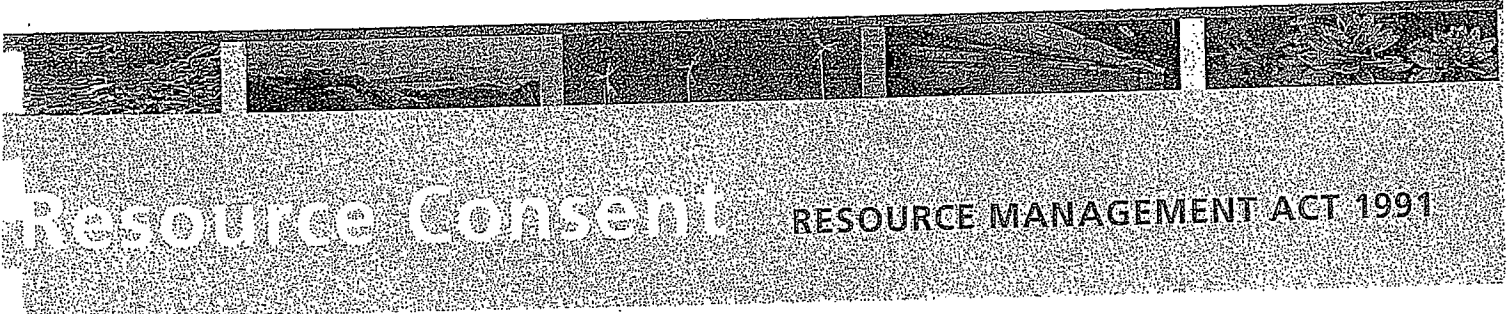
1. The location, design, implementation and operation of the Stage 2 development of the Silverstream Landfill shall be generally as described in the resource consent application and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The consent holder shall pass a copy of this consent and associated documents to any operator or contractor operating the Landfill or carrying out works permitted by the consent on their behalf prior to the works commencing.
3. The consent holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
4. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this permit for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To review the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions; and/or
 - To require additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
5. Not less than six months prior to the expiry or surrender of this consent, the consent holder shall apply for such consents as are required for either the closure or future management of the landfill.

Specific conditions

6. The Manager, Consents Management, Wellington Regional Council, shall be given a minimum of 48 hours notice prior to the works commencing.
7. Earthworks shall be constructed and carried out in accordance with the principles contained in the "Erosion and Sediment Control Guidelines for the Wellington Region", dated September 2002.
8. If koiwi, taonga or other artefact material is discovered in any area during the works, the consent holder shall ensure that Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust are immediately contacted. Construction work in that area shall be stopped immediately to allow a site inspection by these groups and their advisors. The consent holder shall then consult with Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust on appropriate steps to recover the artefacts in order that work can resume.

9. The consent holder shall take all practicable steps to ensure that the works do not result in vegetation, soil, slash or other debris entering any surface water body.
10. The works shall remain the responsibility of the consent holder and shall be maintained to minimise effect on slope stability, erosion and sedimentation to the satisfaction of the Manager, Consents Management, Wellington Regional Council.
11. All construction works shall be 'stabilised' in the minimum time practicable.

Note: For the purposes of Condition 11, 'stabilised' in relation to any site or area means inherently resistant to erosion or rendered resistant, such as by using indurated rock or by the application of basecourse, colluvium, grassing, mulch, or another method to the reasonable satisfaction of the Manager, Consents Management, Wellington Regional Council and as specified in the Wellington Regional Council's "Erosion and Sediment Control Guidelines for the Wellington Region", dated September 2002. Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by the Manager, Consents Management, Wellington Regional Council, an 80% vegetative cover has been established.



Consent No. WGN040184 [23261]

Category: Land use consent

Pursuant to sections 104C 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To clear vegetation from the landfill footprint, access roads, drains and the borrow area.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-14 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent

WGN040184 [23261]

General conditions

1. The location, design, implementation and operation of the Stage 2 development of the Silverstream Landfill shall be generally as described in the resource consent application and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The consent holder shall pass a copy of this consent and associated documents to any operator or contractor operating the Landfill or carrying out works permitted by the consent on their behalf prior to the works commencing.
3. The consent holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.
4. Pursuant to Section 128 of the Resource Management Act 1991 the Wellington Regional Council may commence a review of any of the conditions of any of the consents, at any time within six months of the second, fifth, tenth, fifteenth, twenty-fifth and thirtieth anniversaries of the date of grant of this consent for any of the following purposes:
 - To deal with any actual or potential adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; and/or
 - To require additional monitoring to assess impacts; or specific action to be taken to mitigate demonstrated environmental impacts; and/or
 - To allow a reduction in the level of monitoring.
5. Not less than six months prior to the expiry or surrender of this consent, the consent holder shall apply for such consents as are required for either the closure or future management of the landfill.

Specific conditions

6. The Manager, Consents Management, Wellington Regional Council, shall be given a minimum of 48 hours notice prior to the works commencing.

Erosion and sediment control

7. All practicable steps shall be taken to minimise sediment loading and increased turbidity of the Tip Stream during vegetation clearance, including but not limited to, the installation of silt fences around the excavation areas.
8. The silt fences shall remain in place until the areas of excavated material are 'stabilised'. The permit holder shall ensure the areas of excavated material are 'stabilised' as soon as practicable after completion of the earthworks, and within four months of that completion.

Note: For the purposes of condition 8, 'stabilised' in relation to any site or area means inherently resistant to erosion or rendered resistant, such as by using indurated rock or by the application of basecourse, colluvium, grassing, mulch, or another method to the reasonable satisfaction of the Manager, Consents Management, Wellington Regional Council and as specified in the Wellington Regional Council's "Erosion and Sediment Control Guidelines for the Wellington Region", dated September 2002. Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by the Manager, Consents Management, Wellington Regional Council, an 80% vegetative cover has been established.

9. All sediment control measures shall be operated and maintained efficiently in accordance with the Wellington Regional Council's "Erosion and Sediment Control Guidelines for the Wellington Region", dated September 2002, and to the reasonable satisfaction of the Manager, Consents Management, Wellington Regional Council.

Water quality

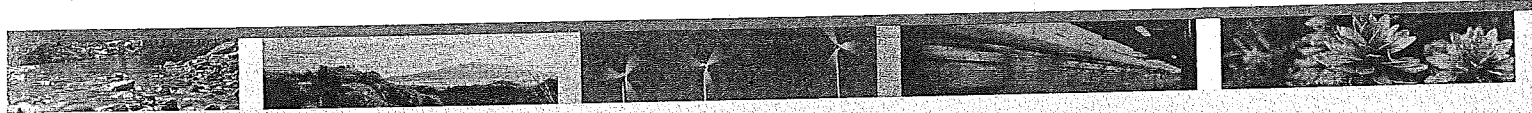
10. No contaminants (including but not limited to oil, petrol, diesel, hydraulic fluid) shall be released into water from equipment being used for the activity, and no machinery shall be cleaned, stored or refuelled within ten metres of any waterbody.
11. The works shall remain the responsibility of the consent holder and shall be maintained to minimise effect on slope stability so that any erosion of the bed or banks of any watercourse as a result of the works is minimised.
12. The consent holder shall take all practicable steps to ensure that the works do not result in vegetation, soil, slash or other debris entering any surface water body.

Artefacts

13. If koiwi, taonga or other artefact material is discovered in any area during the works, the consent holder shall ensure that Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust are immediately contacted, and construction work in that area shall be stopped immediately to allow a site inspection by these groups and their advisors. The consent holder shall then consult with Te Runanganui o Taranaki Whanui ki te Upoko o te Ika a Maui and Wellington Tenth's Trust on appropriate steps to recover the artefacts in order that work can resume.

Completion of works

14. All works, including tidy up on completion of the works, shall be to the satisfaction of the Manager, Consents Management, Wellington Regional Council.



Resource Consent RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [23262]

Category: Land use consent

Pursuant to sections 104B 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: 13 May 2039
Purpose for which right is granted	To construct bores for monitoring groundwater quality.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-5 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent WGN040184 [23262]

General conditions

1. The location, design, implementation and operation of the bores shall be generally as described in the resource consent application for Stage 2 development of the Silverstream Landfill and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.

Specific conditions

2. Prior to the bores being constructed, the consent holder shall provide a copy of this consent to the driller who will construct the bores.
3. The bores shall be constructed and maintained in accordance with the New Zealand Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001).
4. Within one month of the completion of the bores, the consent holder shall submit to the Manager, Consents Management, Wellington Regional Council, a copy of the Bore Log form as completed by the driller who constructed the bores.
5. All monitoring bores shall be constructed and secured so as to prevent ingress of surface waters or other contaminants.



Resource Consent

RESOURCE MANAGEMENT ACT 1991

Consent No. WGN040184 [23263]

Category: Land use consent

Pursuant to sections 104B 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:

Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt	
Term of consent	Effective: 13 May 2004	Expires: Unlimited
Purpose for which right is granted	To reclaim a section of Tip Stream for landfilling purposes.	
Location	Silverstream Landfill is located immediately north of Stokes Valley, and is within the jurisdictional areas of Hutt City Council and the Greater Wellington Regional Council. This proposal is for the Stage 2 development of the existing landfill and is within the valley, immediately downstream of the existing landfill, at or about map reference NZMS 260:R27;775.035.	
Legal description of land	Sec 204 and Part Sec 191, 194, 195 and 205 Hutt District, and Lots 1 and 4 DP 27329. Part Sec 742, Hutt District.	
Volume/quantity/rate	N/A	
Conditions	1-8 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Consents Management

Date:



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 how 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 alter or delete 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 variation to your resource consent conditions.

You may transfer your coastal, discharge, or water permit to any other person. So 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 ask the Environment Court to 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's 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 are usually fixed every three years. 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 exercise it within five years of the date it was granted (unless otherwise specified in the resource consent conditions). If this lapsing is going to be a problem for you 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 also 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 pending hearing or whether it is a claim that is awaiting settlement by the Crown.

Conditions to Resource Consent

WGN040184 [23263]

General conditions

1. The location, design, implementation and operation of the reclamation shall be generally as described in the resource consent application for the Stage 2 development of the Silverstream Landfill and associated documents dated November 2003, except where amendments are required by conditions of these consents. In the event of differences or conflict between the measures described in the documents and the conditions, the conditions shall prevail.
2. The consent holder shall pass a copy of this consent and associated documents to any operator or contractor carrying out works permitted by this consent prior to the works commencing.
3. The consent holder shall pay to Wellington Regional Council any administrative charge fixed in accordance with Section 36 of the Resource Management Act 1991, or any charge prescribed in accordance with regulations made under Section 36 of the Resource Management Act 1991.

Specific conditions

4. The Manager, Consents Management, Wellington Regional Council, shall be given a minimum of 48 hours notice prior to the works commencing.

Construction conditions

5. All practicable steps shall be taken to prevent silt run-off from the fill in the streambed. Such steps shall be to the satisfaction of the Manager, Consents Management, Wellington Regional Council.
6. All works affecting the bed of the stream, including tidy up on completion of the works shall be completed to the satisfaction of the Manager, Consents Management, Wellington Regional Council.
7. The consent holder shall ensure that any fish that are stranded during construction and dewatering are immediately placed back in the active flowing channel. Dewatering is the process of the former area of active flowing channel losing water after the new channel begins to operate.
8. No fill shall be placed in the streambed until the stream has been dewatered.





caring about you & your environment

Resource Management Act 1991

Resource Consent

Consent No. WGN970164 [33375]

Category: Discharge to Water

Pursuant to sections 105 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:

Name	Solid Waste Division, The Hutt City Council	
Address	P O Box 31 912, Lower Hutt	
Term of Consent	Granted: 16 July 1997	Expires: 2 July 2032
Purpose for Which Right is Granted	To discharge stormwater and stormwater contaminated with suspended sediment associated with earthworks and roading via the landfill stormwater system to Tip Stream.	
Location	Silverstream Landfill, Reynolds Bach Drive, at or about map reference NZMS 260:R27;775.029.	
Legal Description of Land	Section 204 and Part Sections 191, 194, 195 and 205 Hutt District and being also Lots 1 and 4 on Deposited Plan 27329 (CT F2/115), and Part Section 742 Hutt District (CT 25D/576).	
Volume/Quantity/Rate	N/A	
Standard Conditions	1-5 as on reverse of this form	
Additional Conditions	6-25 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

.....
Manager, Consents Management

Standard Conditions

1. This consent is subject to all relevant provisions of the Resource Management Act 1991, its amendments and any regulations made thereunder. It is the obligation of the consent holder to comply with all the statutory requirements relating to the exercise thereof.
2. The consent holder may keep all such records as may be reasonably required by the Wellington Regional Council and shall, if so requested, supply this information to the Wellington Regional Council.
3. This consent is subject to the Wellington Regional Council or its servants, or its agents, being permitted access at all reasonable times for the purpose of carrying out inspections, measurements and the taking of samples.
4. The design and maintenance of any works relating to the exercise of the consent must be to a standard adequate to meet the conditions of the consent.
5. An annual charge, set in accordance with section 36(2) of the Resource Management Act 1991, shall be paid to the Wellington Regional Council for carrying out its functions in relation to the administration, monitoring and supervision of resource consents, and for carrying out its functions under section 35 (duty to gather information, monitor and keep records) of the Act.

General Information

[not part of the consent]

1. The granting of this consent does not imply compliance with the requirements of any other statute, bylaw or regulation.
2. A consent may be exercised only for the purpose stated in that consent. For example, a consent to take water does not authorise the discharge of water or contaminant into water.
3. A water or discharge consent is not an authority to obtain access to a source of water or a point of discharge.
4. In granting a consent to take or use water the Wellington Regional Council does not guarantee or represent that the quality or quantity specified or implied will be available or maintained.
5. The consent holder must, when required, supply the Wellington Regional Council with information on the exercise of the consent.
6. If there is a serious temporary shortage of water the Wellington Regional Council may issue a direction under section 329 that the taking or use of any water be apportioned, restricted or suspended for a period of up to 14 days and such a direction may be renewed from time to time.
7. The consent holder may apply, pursuant to section 127, to the Wellington Regional Council for a change or cancellation of consent conditions, except that the term of the consent cannot be extended by such a change.
8. A consent shall be exercised only by the consent holder or their duly authorised agent. A coastal, water or discharge consent may, pursuant to sections 135, 136 and 137 and upon written notice to the Wellington Regional Council, be transferred to a new owner of the land in respect of which the consent is granted but on the same terms and conditions and for the same purpose as set out in the consent.
9. The consent holder shall make payment of such annual resource management cost recovery fees as may be notified and confirmed by the Wellington Regional Council from time to time in accordance with section 36 of the Resource Management Act 1991.

Additional Conditions to Resource Consent WGN970164

- (6) The location, design, implementation and operation of the Silverstream Landfill shall be as generally described in the resource consent application and associated documents dated April 1997, as well as the additional information lodged with the Wellington Regional Council.
- Note: Any change from the location, design concepts and parameters, implementation and/or operation may require a change in permit conditions pursuant to section 127 of the Resource Management Act 1991.
- (7) This consent shall expire on 2 July 2007 (for WGN 970164(01)) and 2 July 2032 (for permits WGN 970164(02)-WGN 970164(08)).
- (8) The Wellington Regional Council may review any or all conditions of this permit by giving notice of its intention to do so pursuant to section 128 of the Resource Management Act 1991, at any of the following specified times:
- (a) within six months of the second, fifth, and seventh (10th, 15th, 20th, 25th, 30th for all but Discharge to Land 970164(01)) anniversary of the date of commencement of this permit;
 - (b) within six months of the submission of any revised operational plan, waste acceptance guidelines, contingency plan, or closure plan; and
 - (c) within three months of the submission of the quarterly monitoring report which shows potential environmental contamination arising as a result of the operation of the landfill, or which shows consistently good results indicating that a reduced level of monitoring may be appropriate.
- (9) The permit holder may apply, pursuant to section 127 of the Resource Management Act 1991, for the change or cancellation of any condition, other than the condition relating to the term of this permit at any of the times set out in condition 8 .
- (10) The review of conditions, as referred to in condition 8 and 9, shall be for the purposes of:
- (a) dealing with any adverse effects on the environment which may arise from the exercise of this permit, and which it is appropriate to deal with at a later stage;
 - (b) reviewing the adequacy of any plan prepared for this permit and incorporating any requirements into relevant conditions;
 - (c) requiring additional monitoring to assess impacts, or specific action to be taken to mitigate demonstrated environmental impacts; and
 - (d) allowing a reduction in the level of monitoring.
- (11) All monitoring methods and procedures shall be to the specific approval of the Manager, Consents Management, Wellington Regional Council.
- (12) Within three months of the commencement of this permit, the permit holder shall prepare an Operational Management Plan, in consultation with the Public Health Service and the Asset and Quality Manager of Metro Water, to the satisfaction of the Manager, Consents Management, Wellington Regional Council. The Operational Management Plan may be altered from time to time. Such alterations shall be to the satisfaction of the Manager, Consents Management, Wellington Regional Council. The Operational Management Plan shall include, but not be limited to:
- (a) Description of the maintenance and development of the landfill;
 - (b) Description of the monitoring programme and record keeping relating to the consents;

Additional Conditions to Resource Consent WGN970164 (cont'd)

- (c) Description of hazardous waste acceptance criteria as specified in the "Guide to the Disposal of Wastes at Hutt City Council Landfills" and methods of handling any unacceptable materials and the disposal of such material to an alternative facility;
- (d) The emergency procedures to be followed in the event of natural emergencies and hazardous waste spills;
- (e) The methods of controlling dust and odour emissions including the criteria for assessing when, and how regularly, roadways and the current landfill stages are dampened by water cart, or otherwise; and methods for reducing fugitive dust and odour emissions during deposition of materials to the landfill face; and
- (f) Description of how landfill nuisances will be dealt with, including what measures are to be taken to address the large gull population in consultation with the Wellington International Airport Limited.

This permit shall be exercised in accordance with the aforesaid Operational Management Plan prepared by the permit holder.

- (13) Prior to the expiry or surrender of this permit, the permit holder shall prepare and implement a plan, to the satisfaction of the Manager, Consents Management, Wellington Regional Council, for either the closure or future management of the landfill. The permit holder shall, not less than six months prior to such expiry or surrender, make application for such consents as are required for the future management of the landfill site. The objectives to be met at all stages of this management are:
 - (a) to ensure the effective long-term containment of landfill;
 - (b) to protect Tip Stream and uses and values associated with these waters;
 - (c) to protect the groundwater downstream of the landfill; and
 - (d) to ensure the surficial layer of the landfill is compacted and constructed in a manner that is appropriate to the intended future use of the landfill.
- (14) The permit holder's interest in this consent may not be transferred to any owner or occupier of the site pursuant to section 137 of the Resource Management Act 1991.
- (15)¹ The permit holder shall monitor water quality in Tip Stream at sampling locations to be approved by the Manager, Environmental Regulation, Wellington Regional Council. The permit holder shall provide the sampling protocols to the Manager, Environmental Regulation, Wellington Regional Council, at least one month before sampling commences. To this end, the permit holder shall monitor for the following parameters twice a year, to coincide with low flow during the winter groundwater level maximum (September) and summer groundwater minimum (April):
 - estimate of flow
 - pH (field and laboratory)
 - conductivity (field and laboratory)
 - BOD5
 - Chloride
 - Potassium
 - ammoniacal nitrogen
 - nitrate nitrogen
 - dissolved reactive phosphorous
 - potassium
 - total zinc
 - total boron
 - suspended solids.

Sampling shall be undertaken in accordance with protocols approved in writing by the Manager, Environmental

¹ Condition changed under section 127 of the Resource Management Act 1991 granted 12/04/11

Additional Conditions to Resource Consent WGN970164 (cont'd)

Regulation, Wellington Regional Council. The results of such monitoring shall be reported in writing to the Manager, Environmental Regulation, Wellington Regional Council within two months of completion of the sampling.

- (16)² ~~The use of the ANZECC irrigation guidelines may be reviewed two years from the date of commencement of this permit.~~
- (17)³ If monitoring of the discharge system indicates leachate contamination, then the permit holder shall take immediate steps to prevent further leachate contamination and immediately report to the Manager, Environmental Regulation, Wellington Regional Council on actions taken and further actions proposed to address leachate contamination.
- (18) The discharge rate shall be recorded at SW3 on a monthly basis.
- (19) Rainfall at the landfill site shall be measured on a daily basis.
- (20)⁴ The permit holder shall produce and submit a summary report, for the preceding three months to the Manager, Environmental Regulation, Wellington Regional Council by 30 April, 31 July, 31 October and 31 January of each year, or on request. The summary report shall include:
- The results of all monitoring undertaken and an interpretation of the results as to the impact on Tip Stream.
 - The results of any waste surveys.
 - Copies of any records required by conditions.
- (21)⁵ ~~The permit holder shall produce and submit a summary report for the preceding three months to the Asset and Quality Manager of Metro Water by 30 April, 31 July, 31 October and 31 January of each year including the results of all monitoring undertaken and an interpretation of the results.~~
- (22) The discharge of stormwater shall not result in any of the following effects in Tip Stream observed at the boundary of the landfill property:
- (a) The production of any conspicuous oil or grease films, scums or foams or floatable or suspended material.
 - (b) Any conspicuous change in colour or visual clarity.
 - (c) Any emission of objectionable odour.
 - (d) The rendering of fresh water unsuitable for consumption by farm animals.
 - (e) Any significant adverse effect on aquatic life.
 - (f) Any visible deposition of iron oxide.
- (23) The permit holder shall carry out regular inspections of Tip Stream below Silverstream Landfill monthly and following time of moderate heavy rain for compliance with condition 22. The results of these inspections shall be included in the quarterly report required by condition 20.
- (24) Stormwater which has come in contact with the active tipping face shall not be disposed of to Tip Stream.

² Condition deleted under section 127 of the Resource Management Act 1991 granted 12/04/11

³ Condition changed under section 127 of the Resource Management Act 1991 granted 12/04/11

⁴ Condition changed under section 127 of the Resource Management Act 1991 granted 24/04/17

⁵ Condition deleted under section 127 of the Resource Management Act 1991 granted 24/04/17

- (25) The permit holder shall place and maintain an appropriate sign near Tip Stream on the boundary of the landfill and the Silverstream Park Christian Centre to the satisfaction of Manager, Consents Management, Wellington Regional Council. This sign shall:

Additional Conditions to Resource Consent WGN970164 (cont'd)




- (a) Provide clear identification of the location and nature of the discharge and advise that the stream is not suitable for contact recreation; and
- (b) Be visible to the public visiting the area without unnecessarily detracting from the visual amenity of the area.

Resource Consent

RESOURCE MANAGEMENT ACT 1991

Summary of decision

Consent No.	WGN240050	
Consent ID(s)	[39176] – DP -To discharge contaminated material (asbestos) to land	
	[39177] – WP -To divert a stream	
	[39178] – LUC -Soil Disturbance over 3,000m ²	
	[39243] – LUC - Stream Reclamation	
Name	Hutt City Council	
Address	30 Laings Road, Lower Hutt 5010, C/o Geoff Roberts	
Decision made under	Section 104, 104B, 105, 107 and 108 of the Resource Management Act 1991	
Duration of consent	Granted/Commences: [39176]- 08 December 2023 [39177]- 08 December 2023 [39178]- 08 December 2023 [39243]- 08 December 2023	Expires: [39176]- 08 December 2058 [39177]- 08 December 2040 [39178]- 08 December 2040 [39243]- 08 December 2040
Purpose for which consent(s) is granted	To undertake earthworks over 3,000m ² , and the diversion and reclamation of approximately 955m of the 'Tip Stream' a tributary of the Silver Stream in relation to the construction of a new asbestos disposal area. As well as, the discharge of contaminants to land (asbestos) for the purpose of landfilling waste.	
Location	Silver Stream Landfill, Reynolds Back Drive, Stokes Valley, Upper Hutt at or about map reference NZTM 1767797.5441029	
Legal description of land	Section 7 Survey Office Plan 61420	
Conditions	See below	

Decision recommended by:	Kagan Morcom	Resource Advisor, Environmental Regulation	
Decision peer reviewed by:	Joshua Knowles	Senior Resource Advisor, Environmental Regulation	
Decision approved by:	Anna McLellan	Team Leader, Environmental Regulation	

Processing timeframes:

Application lodged:	31/08/23	Application officially received:	31/08/23
Application stopped:	11/10/23	Application started:	05/12/23
Applicant to be notified of decision by:	11/01/24	Applicant notified of decision on:	08/12/23
Time taken to process application:	51 working days		


The applicant provided written agreement ([RE WGN240050 Conditions for review and S37 .msg](#)) on 11/10/2023 for an extension of timeframes under s37(1) to process the application. The extension is for 39 working days under sections s37A(5) of the Act.

The reason for the extension is:

- Time to allow for the applicant to review of consent conditions.

In making this decision Wellington Regional Council has given consideration to the following issues, as required by section 37A(1) of the Act:

- The interests of any person who the Council considers may be directly affected by the extension;
- The interests of the community in achieving adequate assessment of the effects of the proposal; and
- The Wellington Regional Council's duty under section 21 of the Act to avoid unreasonable delay.

Decision approved by:	Anna McLellan	Team Leader, Environmental Regulation	
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Consent conditions WGN240050

Consent Conditions [39178]

Activity Description: Bulk earthworks for the construction of the Asbestos Disposal Cell

Note: This consent applies only to the earthworks related to the construction of the Asbestos Disposal Cell and does not apply to earthworks associated with the operation and management of the Asbestos Disposal Cell. The operational earthworks are authorised under resource consent WGN240050 [39176].

INTERPRETATION

Wherever used in the conditions below, the following terms shall have the prescribed meaning:

Earthworks means the disturbance of a land surface from the time soil is first disturbed on a site until the time the site is stabilised. Earthworks includes blading, contouring, ripping, moving, removing, placing or replacing soil or earth, by excavation, or by cutting or filling operations, or by root raking.

Earthworks do not include

- a) cultivation of the soil for the establishment of crops or pasture, and
- b) the harvesting of crops, and
- c) thrusting, boring, trenching or mole ploughing associated with cable or pipe laying and maintenance, and
- d) the construction, repair, upgrade or maintenance of:
 - pipelines, and
 - electricity lines and their support structures, including the National grid, and
 - telecommunication structures or lines, and
 - radio communication structures, and
 - firebreaks or fence lines, and
 - a bore or geotechnical investigation bore, and
- e) repair or maintenance of existing roads and tracks, and airfield runways, taxiways, and parking aprons for aircraft, and
- f) maintenance of orchards and shelterbelts, and
- g) domestic gardening, and
- h) repair, sealing or resealing of a road, footpath, driveway, and
- i) discharge of cleanfill material to a cleanfill area.

ESC Guidelines for Wellington Region means the current revision of the *Erosion and Sediment Control Guide for Land Disturbing Activities in the Wellington Region*, available on the Wellington Regional Council's website at the following link: <http://www.gw.govt.nz/assets/Resource-Consents/Erosion-and-Sediment-Control-Guide-for-Land-Disturbing-Activities-in-the-Wellington-Region.pdf>

Manager means the Manager, Environmental Regulation, Wellington Regional Council.

Stabilised means inherently resistant to erosion, or rendered resistant to erosion through the application of the proven methods of stabilisation, specified in Section E3 of the *ESC Guidelines for Wellington Region*, or alternative methods with the prior agreement of Wellington Regional Council. Where seeding, grassing or hydroseeding is used, the surface is considered stabilised once a minimum of 80% vegetative cover has been established over the entire surface.

General conditions

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

- 31/08/23 application received; and
- Further information received on 26/09/23

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, implementation and/or operation of the works 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 ensure that a copy of this consent, and all documents and plans referred to in this consent, is:

- provided to each operator or contractor undertaking the works authorised by this consent, prior to works commencing; and
- kept on site at all times and presented to any Wellington Regional Council Compliance Officer upon request

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

Pre-construction site meeting

3. The consent holder shall arrange and conduct a pre-construction site meeting prior to the start of any of the 4 stages of bulk earthwork authorised by this consent commencing on site and invite, with a minimum of **5 working days'** notice, the Wellington Regional Council and the contractor undertaking the works.

Note: In the case that any of the invited parties, other than the representative of the consent holder, does not attend this meeting, the consent holder will have complied with this condition, provided the invitation requirement is met.

Erosion and Sediment Control Plan

4. Prior to each of the 4 stages of bulk earthworks the consent holder shall submit a separate final Erosion and Sediment Control Plan (ESCP) to the Manager for certification providing details for Erosion and Sediment control for that stage of works. The ESCP's shall be in general accordance with the *ESC Guidelines for Wellington Region* and:

- a) be prepared in consultation with the contractor undertaking the works, and a suitably qualified and experienced person; and
- b) submitted to the Manager at least **20 working days** prior to the proposed date of commencement of the works

Earthworks for each stage shall not commence until the consent holder has received notice in writing that the specific ESCP for that stage has been certified by the Manager.

As-builts

5. Prior to earthworks commencing of each stage, the consent holder shall provide the Manager with "As-builts", signed by a suitably qualified and experienced person, to confirm that the erosion and sediment controls have been constructed in accordance with the ESCP.

Note: As-built check sheets are available on the Wellington Regional Council's website at the following link: gw.govt.nz/earthworks.

Flocculation Management Plan

6. The consent holder shall undertake an initial chemical treatment trial for each separate stage of works (i.e. bench testing) to determine if the SRP's/DEB's require treatment with a flocculant.

These results shall be submitted to the Manager for review.

If the Manager determines that the results of the trial indicate that SRP's/DEB's require treatment with a flocculant, the consent holder shall prepare, in consultation with a suitably qualified and experienced person, a Flocculation Management Plan (FMP). The FMP shall be submitted to the Manager for certification at least **10 working days** prior to the proposed use of flocculant. The FMP must include as a minimum:

- a) Specific design details of the chemical treatment dosing system, based on a rainfall activated methodology for the decanting earth bunds (DEBs) or sediment retention ponds (SRPs);
- b) Monitoring, maintenance (including post-storm) and contingency programme (including a record sheet);
- c) Details of optimum dosage (including assumptions);
- d) Results of initial chemical treatment trial;
- e) A spill contingency plan; and
- f) Details of the person or bodies that are responsible for long-term operation and maintenance of the chemical treatment system and the organisational structure that will support this system.

The use of flocculant shall not commence until the consent holder has received notice in writing that the FMP has been certified by the Manager. All DEBs/SRPs must be treated in accordance with the certified FMP.

7. The FMP shall be reviewed prior to commencing each new stage of works or at minimum on a yearly basis. Reviews must reference monitoring data and/or further bench testing results to determine the effectiveness of the FMP and whether it needs to be amended to ensure on-going optimal performance. The findings of this review shall be submitted to the Manager upon request.

Amendments to Management Plans

8. The consent holder may request amendments to the certified management plans (ESCP or FMP) by submitting the amendments in writing for the certification of the Manager. The amendments sought shall not be implemented until the consent holder has received notice in writing that the amended management plan has been certified by the Manager.

Progressive stabilisation

9. The consent holder shall progressively stabilise all disturbed or unstabilised areas in accordance with the ESCP and to the satisfaction of the Manager.

Decommissioning

10. All erosion and sediment control measures shall remain the responsibility of the consent holder and no erosion and sediment control measures shall be removed or decommissioned prior to receiving written confirmation that the catchment is stabilised to the satisfaction of the Manager.

Weekly site audits

11. During construction when the site is not stabilised, the consent holder shall have the site visually audited by a suitably qualified and experienced person on a minimum of a **weekly basis** (unless a reduced frequency is agreed in writing by the Manager) to ensure that all erosion and sediment controls are operating effectively in accordance with the ESCP. The audits shall be recorded in writing and submitted to the Manager upon request.

Note: Any site audits carried out by Wellington Regional Council or its contractors do not constitute the audits required by this condition.

Rainfall triggered monitoring

12. The consent holder shall sample and record the following parameters as soon as practicable within daylight hours after a rainfall event greater than 7mm in 1 hour, or 20mm in 24 hours, as measured at the Wellington Regional Council rainfall monitoring site Pinehaven Stream at Pinehaven Reservoir.

Parameter	Location (sediment retention devices and DEB's)				Location (stream)	
	Inflow	Forebay (SRPs only)	Pond	Outflow	Downstream (at the reasonable mixing zone)	Upstream
pH	✓	-	-	✓	✓	-
Turbidity (NTU)	✓	-	-	✓	✓	✓

Note: The consent holder is only required to undertake outflow monitoring if the device is discharging.

The consent holder shall submit all monitoring data and information to the Manager within **5 working days** of the date the sampling is undertaken. Unless otherwise agreed in writing by the Manager, the monitoring requirement shall only cease once the catchment has been completely stabilised and the device decommissioned.

Exceedances and failures

13. In the event that:

- a) the rainfall triggered monitoring required under Condition 12 indicates that, at the outflow of the device, the NTU value is 170 NTU or greater, and/or (for any chemically-treated device) the pH is at or below 5.5 or above 8.5; or
- b) there is a failure of any erosion and sediment control measure, or discharge from any non-stabilised area that is not treated by an erosion and sediment control measure, where any contaminants (including sediment) or material are released and enter any water body;

the consent holder shall:

- i. Immediately notify the Manager of the issue;
- ii. Immediately undertake onsite investigations to determine the cause of the issue, and what changes can be made to onsite management to prevent reoccurrence;
- iii. Re-establish control measures as soon as practicable where these have failed or have not been implemented in accordance with the ESCP
- iv. Liaise with the Manager to establish whether any additional remediation and/or mitigation is required, and carry out any such action as required by and to the satisfaction of the Manager;
- v. Record the date, time and weather conditions, details of investigations, probable cause of the issue, lessons learnt and actions taken, or to be taken, to prevent re-occurrence; and
- vi. Within **5 working days** of the issue being recorded, provide the information required by (v) above to the Manager.

All measures to prevent a reoccurrence of the exceedance or failure shall be to the satisfaction of the Manager.

Winter works

- 14. All earthworked areas, excluding operational asbestos disposal areas, shall be stabilised during the period between 1 June to 30 September inclusive each year, unless otherwise approved in writing by the Manager. The stabilised surface shall be maintained to the satisfaction of the Manager.
- 15. No earthworks authorised by this consent, other than those necessary for the maintenance of erosion and sediment controls or operation of the asbestos disposal cell (e.g. intermediate cover of bags), shall take place during the period of 1 June to 30 September inclusive each year, unless otherwise approved in writing by the Manager.

Note 1: Any request to undertake Winter Works shall be made to the Manager no less than 20 working days prior to the proposed commencement date of the works and shall be in the form of an amendment to the certified ESCP and accompanied by:

- a) *A description of the proposed works, duration of the works, and method(s) of stabilisation;*
- b) *A plan showing the areas that have already been stabilised and any additional erosion and sediment controls proposed;*
- c) *A summary of the environmental performance of the site, including any relevant monitoring results.*

Any request for Winter Works approval will be assessed by the Manager against the following criteria:

- a) Scale and duration of the works
- b) Effectiveness of existing controls
- c) Prior compliance history, including effectiveness of monitoring and reporting
- d) Likely effectiveness of the proposed controls and methods of stabilisation
- e) Sensitivity of the receiving environment

Fill material

16. All fill material used on site shall be restricted to natural material such as clay, soil and rock, and inert material such as concrete and brick, which, when buried, will have no adverse effect on people or the environment.

Note: Rule R82 (Discharges from contaminated land) of the Natural Resources Plan will apply to any imported or insitu material worked on the site. If the activity does not meet the permitted standards under Rule R82, consent will be required under Rule R83 (Investigation of, or discharges from contaminated land – discretionary activity).

17. All fill material shall be placed and compacted so as to avoid erosion and instability. Any erosion of soil including failure of cut and fill batters that is attributable to the works shall be contained, remedied and mitigated by the consent holder to the satisfaction of the Manager.

Discovery of artefacts

18. If koiwi, taonga, waahi tapu or other archaeological material is discovered in any area during the works, work shall immediately cease and the consent holder shall notify Greater Wellington Regional Council, Port Nicholson Block Settlement Trust, Te Rūnanga o Toa Rangatira, and Heritage New Zealand as soon as possible but within twenty-four hours. If human remains are found, the New Zealand Police shall also be contacted. The consent holder shall allow the above parties to inspect the site and in consultation with them, identify what needs to occur before work can resume.

Notification must be emailed to

- Greater Wellington Regional Council, notifications@gw.govt.nz
- Heritage New Zealand, information@heritage.org.nz
- Port Nicholson Block Settlement Trust, taiao@portnicholson.org.nz
- Te Rūnanga o Toa Rangatira Inc, resourcemanagement@ngatitoea.iwi.nz

Heritage New Zealand must also be contacted by phone on 04 472 4341 (National Office).

No works may resume on site until the consent holder has received written notification that consultation with the parties identified above has been undertaken to the satisfaction of the Manager.

Note: Evidence of archaeological material may include burnt stones, charcoal, rubbish heaps, shell, bone, old building foundations, artefacts and human burials.

Completion of works

19. All works authorised under this consent, including tidy up on completion of the works for each of the 4 stages of bulk earthworks, shall be to the satisfaction of the Manager.

Management plan review

20. The consent holder shall, if requested by the Manager in response to a complaint, incident or other reasonable request that relates to managing an adverse environmental effect that is directly related

to the exercise of this consent, carry out a review of any management plan required by these conditions. The consent holder shall submit the reviewed management plan to the Manager for certification that:

- The reason(s) for requiring the review have been appropriately addressed; and
- Appropriate actions and a programme for implementation are provided for if required.

CONSENT REVIEW

21. 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, within one month of each anniversary of the commencement of this consent, for any of the following reasons:

- To review the adequacy of any plan and/or monitoring requirements, and if necessary, amend these requirements outlined in this consent
- 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
- To require the implementation of Best Practicable Options, in respect to new methodologies for the undertaking of the works to avoid, remedy or mitigate any significant adverse effect on the environment arising from the works
- 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: For the purposes of this condition the "exercise of the consent" is deemed to be once the works authorised by this consent have commenced.

GENERAL NOTES

- Where conditions require the submission of information to the **Manager**, information can be emailed to notifications@gw.govt.nz. Please include the consent reference WGN240050 and the name and phone number of a contact person responsible for the information submitted
- A resource management charge, set in accordance with section 36(2) of the Resource Management Act 1991, shall be paid to the Wellington Regional Council for the carrying out of its functions in relation to the administration, monitoring, and supervision of resource consents and for the carrying out of its functions under section 35 (duty to gather information, monitor, and keep records) of the Act.
- The Wellington Regional Council shall be entitled to recover from the consent holder the costs of any review, calculated in accordance with and limited to the Council's scale of charges in force and applicable at that time pursuant to section 36 of the Resource Management Act 1991.
- Section 322 of the Resource Management Act allows any Enforcement Officer to go onto the property at all reasonable times for the purpose of carrying out inspections to determine whether or not this consent is being complied with, or to take samples.

CONSENT DURATION

Pursuant to section 123 of the Act, consent WGN240050 [39178] shall expire on [08/12/2040].

Consent conditions [39177], [39243]

Activity description: To reclaim the bed of the Tip Stream, construct a new stream channel and permanently divert Tip Stream

Interpretation

Wellington Regional Council Officer means any Enforcement, Compliance or Duty Officer, Environmental Regulation, Greater Wellington Regional Council.

Notification or notice means email of notification to notifications@gw.govt.nz. Please include the consent reference number (WGN240050) and the name and phone number of a contact person responsible for the proposed works.

Stabilised means inherently resistant to erosion or rendered resistant, such as by using indurated rock or by the application of basecourse, colluvium, hydroseeding, grassing, mulch, or another method to the reasonable satisfaction of the Manager and as specified in Wellington Regional Council's *Erosion and Sediment Control Guide for Land Disturbing Activities in the Wellington Region, February 2021*. Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by the Manager an 80% vegetative cover has been established.

The Manager means the Manager, Environmental Regulation, Greater Wellington Regional Council.

Water body means fresh water or geothermal water in a river, lake, stream, pond, wetland, or aquifer, or any part thereof that is not located within the coastal marine area

Standard conditions

1. The location, design, implementation and operation of the works shall be in general accordance with the consent application and its associated plans and documents lodged with the Wellington Regional Council on:
 - 31/08/23 application received; and
 - Further information received on 26/09/23

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, implementation and/or operation of the works 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 ensure that a copy of this consent, and all documents and plans referred to in this consent, is:
 - provided to each operator or contractor undertaking the works authorised by this consent, prior to works commencing; and
 - kept on site at all times and presented to any Wellington Regional Council Compliance Officer upon request

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 Manager, Environmental Regulation, Wellington Regional Council, shall be given a minimum of two working days (48 hours) notice prior to the works commencing on any of the 4 stages of works.
4. All works affecting the waterbody, including (but not limited to):
 - a) tidy up on completion of the works;
 - b) removing excess material from the bed and banks; and
 - c) disposal of excess material in an appropriate manner;shall be completed to the satisfaction of the Manager.

Construction methodology

5. Prior to each stage of works the consent holder shall provide a final Stream Works Environmental Management Plan (SWEMP) to the Manager for certification at least 10 working days prior to the commencement of works authorised by this consent. Each of the four stages of works outlined in the application will require a separate SWEMP to be submitted and approved.

No works may commence on site until the consent holder has received written notice that the SWEMP has been certified by the Manager. The consent holder shall undertake the works in accordance with the approved SWEMP.

The SWEMP shall be designed in consultation with the contractor undertaking the works and shall include (but not be limited to) the following;

- a) The final design of the proposed stream works;
- b) Detailed construction methodology
- c) The permanent diversion channel hydrology calculations that demonstrate the diversion channel capacity.
- d) Methods for separating the construction activities from the flowing water. This should include contingency measures for dealing with greater volumes of water should heavy rain occur during the works period.
- e) Methods to manage or treat any sediment-laden water before discharging from the works site.
- f) Any other relevant matters to ensure compliance with all conditions

Temporary diversions within the channel

6. The consent holder shall ensure the temporary water diversion method is in place prior to the commencement of any instream works (excavation and construction). The temporary diversion shall:
 - a) be implemented, managed and maintained in accordance with the Stream Works Environmental Management Plan approved by the manager.

- b) separate all construction activities from flowing water;
 - c) remain in place for the full duration of the works; and
 - d) not be removed, and the stream flow reinstated in the new channel, until the works have been completed.
7. If fish are detected in the Tip Stream at any point during the works then work shall cease immediately and the manager notified. A fish salvage plan must then be drafted in conjunction with GWRC's Fish Rescue Protocol for Minor Streamworks and submitted to the manager and approved before works can continue.

Permanent diversion construction

8. The Consent Holder shall ensure that the permanent stream diversion is designed, constructed and maintained in a manner that maintains stream flows (both volume and velocity) in a similar state to the stream channel to be reclaimed, prior to reclamation and the commencement of works.
9. The Consent Holder shall ensure that all fill material is placed and compacted so as to minimise any erosion and/or instability.
10. The Consent Holder shall ensure that all works to create the permanent diversion are undertaken in the dry and are completed before the flow of the stream is diverted into the new stream bed/channel.

The permanent diversion remains the responsibility of the Consent Holder

11. The works shall remain the responsibility of the Consent Holder and shall be regularly inspected and maintained by the Consent Holder to the satisfaction of the Manager so that:
- a) Any erosion, scour or instability of the bed or banks of the permanent diversion channel that, in the opinion of the Manager is attributable to the works carried out as part of this consent is remedied by the Consent Holder as soon as practicable;

The Manager shall be advised of proposed maintenance works prior to any works being carried out.

Note: Maintenance works, that are not a Permitted Activity under the Regional Plans, do not include any works outside of the scope of this consent. Any additional works following completion of the construction works as proposed in the application may require further resource consents.

12. Within 20 working days of the completion of each stage of construction of the permanent stream diversion, the Consent Holder shall provide evidence in writing to the Manager that an appropriately qualified engineer has inspected the completed diversion works, and are satisfied that they have been constructed as per the final design plans submitted under Condition 5.

Reducing effects on water quality

13. The consent holder shall minimise sediment discharges and impacts on instream habitats and ecology during the works, including but not limited to:
- a) Completing all works in the minimum time practicable;
 - b) Undertaking works in dry weather conditions, as far as practicable;

- c) Avoiding the placement of construction or excavated material in the wetted channel;
 - d) Separating all construction activities from flowing water;
 - e) Installing appropriate sediment control and treatment measures;
 - f) Minimising crossing of the streambed and keeping crossings to one path only; and
 - g) Minimising machinery in the streambed and undertake works from the banks where practicable.
14. The consent holder shall ensure that prior to entering a water body that all vehicles and equipment are inspected for the presence of invasive or pest aquatic species including *Didymosphenia geminata* (didymo). In the event that an invasive or pest aquatic species is discovered upon any vehicle or equipment it shall be cleaned, to the satisfaction of the Manager.
- Note: The machinery shall be cleaned in accordance with the Ministry for Primary Industries cleaning methods which can be found at <http://www.mpi.govt.nz/travel-and-recreation/outdoor-activities/check-clean-dry/>.*
15. The consent holder shall ensure that no dry cement product, unset concrete, concrete wash water or any water contaminated with concrete enters water as a result of the works.

Complaints

16. At all times from the commencement of works authorised by this consent until the works are complete and the site is stabilised, the consent holder shall maintain a permanent record of any complaints received alleging adverse effects from, or related to, the exercise of this consent. The record shall include:
- a) the name and address of the complainant;
 - b) the nature of the complaint;
 - c) location, date and time of the complaint and of the alleged event;
 - d) weather conditions at the time of the complaint (as far as practicable), and including wind direction and approximate wind speed if the complaint relates to air quality;
 - e) the outcome of the consent holders investigation into the complaint;
 - f) measures taken to respond to the complaint; and
 - g) any other activities occurring in the area at the time of the complaint.

The consent holder shall also keep a record of any remedial actions undertaken. This record shall be maintained on site and shall be made available to the Manager, upon request. The consent holder shall notify the Manager of any such complaints as soon as practicable and within 24 hours after the complaint is received by the consent holder.

Review condition

17. 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 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.

Notes:

- a) A resource management charge, set in accordance with section 36(2) of the Resource Management Act 1991 shall be paid to the Wellington Regional Council for the carrying out of its functions in relation to the administration, monitoring, and supervision of resource consents and for the carrying out of its functions under section 35 (duty to gather information, monitor, and keep records) of the Act.
- b) The Wellington Regional Council shall be entitled to recover from the consent holder the costs of any review, calculated in accordance with and limited to the Council's scale of charges in force and applicable at that time pursuant to section 36 of the Resource Management Act 1991.
- c) Additional permits may be requiring for the handling of fish or temporary blockage of fish passage from the Ministry for Primary Industries, Department of Conservation or Fish and Game.
- d) If you require a replacement consent upon the expiry date of this consent, any new application should be lodged at least 6 months prior to the expiry date of this consent. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent under section 124 of the Resource Management Act 1991 until a decision is made on the replacement application.

CONSENT DURATION

Pursuant to section 123 of the Act, consent WGN240050 [39177] [39243] shall expire on [08/12/2040].

Consent conditions [39176]

To discharge contaminated material (asbestos) to land where it may enter water and earthworks associated with the ongoing operation and maintenance of the asbestos disposal cell.

General conditions

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

- 31/08/23 application received; and
- Further information received on 26/09/23

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, implementation and/or operation of the works 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 ensure that a copy of this consent, and all documents and plans referred to in this consent, is:

- provided to each operator or contractor undertaking the works authorised by this consent, prior to works commencing; and
- kept on site at all times and presented to any Wellington Regional Council Compliance Officer upon request

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.
4. Any changes to the disposal methods of, and procedures for, asbestos material onsite shall be to the satisfaction of the Manager, Environmental Regulation.

Reporting

5. The consent holder shall keep and maintain complete daily records of the tonnage of waste deposited at the asbestos disposal cell, as authorised by this consent, and provide a summary of the records to the Manager, Environmental Regulation, Wellington Regional Council on a quarterly basis.

Disposal requirements

6. Prior to disposing of asbestos material, the consent holder shall submit an Asbestos Disposal Plan to the Manager for certification. The Asbestos Disposal Plan shall be:

- Prepared in consultation with the contractor undertaking the works, and a suitably qualified and experienced person; and developed with current asbestos legislation
- Submitted to the Manager for approval at least **20 working days** prior to the proposed date of commencement of the disposing of Asbestos Waste.

The Asbestos Disposal Plan must include:

- The staging of asbestos waste disposal;
- Unloading procedures (e.g. Hi-ab or hand unloading);
- The operational earthworks methodology associated with asbestos disposal; and
- Erosion and sediment controls to manage sediment discharges during the operation of the ADC.

Final capping layer

7. A final compacted soil capping layer, that is a minimum of 1 m thick , shall be applied to zone 5-8 of the asbestos disposal cell outlined in drawing 83091.6500-013.

Location of disposal

8. Asbestos waste shall only be disposed of to land in the area of the proposed Asbestos Disposal Cell Footprint outlined in purple in drawing 83091.6500-003 provided to GWRC on 26 September 2023.

Review condition

9. 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 six months of the annual anniversary of the date of grant of this 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, and
 - d) To review the adequacy of the Hutt City Council Landfills Waste Disposal Guide.

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.

Landfill Management Plan

10. Any hazardous waste and/or special wastes accepted for disposal at the landfill shall be disposed of in accordance with the Hutt City Council Silverstream Landfill Management Plan.

Note: The Silverstream Landfill Stage 2 consent suite WGN040184 requires a Landfill Management Plan which covers the management of the special waste area.

CONSENT DURATION

Pursuant to section 123 of the Act, consent WGN240050 [39176] shall expire on [08/12/2058].

Reasons for decision report

1. Background and proposal

Hutt City Council (the Applicant) has applied to Greater Wellington Regional Council (GWRC) for resource consent for the creation and operation of a new 70,000m² asbestos disposal cell (ADC) at Silverstream Landfill, Lower Hutt. The proposed ADC has been designed to have a capacity of 250,000 -300,000m³.

The proposed site for the ADC is situated on top of the Stage 1 part of the landfill. The retired Stage 1 area is currently considered contaminated land and lined with clay to prevent leachate draining deep below ground. The Tip Stream, a highly modified and mainly concrete lined stream, runs the perimeter of the area. In order for the earthworks to be completed the current stream bed will need to be reclaimed and a new stream bed constructed above the existing streambed.



Figure 1: Proposed asbestos cell location within Silverstream Landfill

The bulk earthworks, stream diversion and reclamation are proposed to be undertaken in four distinct stages (as shown in Figure 2). Each stage will consist of bulk earthworks, stream diversion, stream reclamation and vegetation clearance. Once each stage is established it will be used for asbestos disposal. Once a stage is near its filling capacity establishing works will start for the next stage so that it can start being used as soon as the previous stage is decommissioned. Works will start at Stage 1, in the north-east, and progress in numerical order to Stage 4.

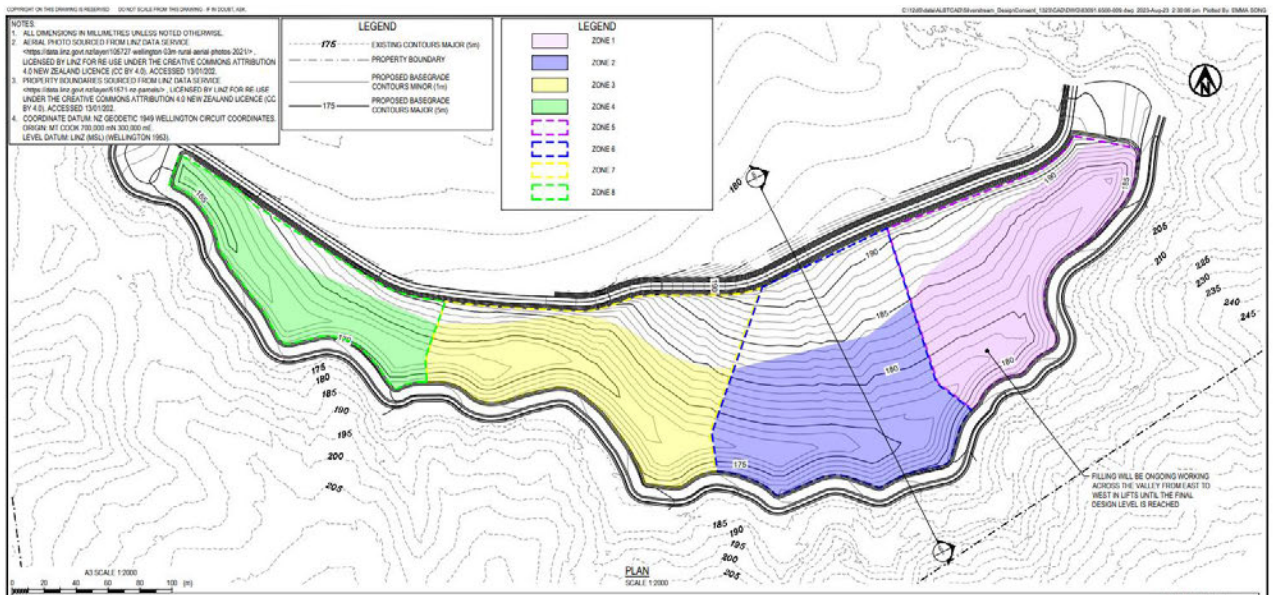


Figure 2: The four stages of works

The proposal is to:

- Undertake 175,000m² of earthworks over an area of approximately 7.5ha during construction of the new cell. This will include approximately 15,000m³ of cut and 160,000m³ of fill to create the fill buttress' split over four stages.
- Vegetation clearance of the adjacent slopes along the southern edge of the landfill to clear area for earthworks.
- Reclamation of the stream bed and vertical diversion of approximately 955 meters of the Tip Stream. The reinstated streambed will be concreted similar the current stream bed. Approximately 200m of the stream which is not currently concreted will become concreted after the vertical diversion is complete. This work will be undertaken in 4 stages that will coincide with the 4 stages of bulk earthworks. The details of the temporary stream will be outlined in the Stream Works Environmental Management Plans (SWEMP), which are to be submitted for each stage of works.
- The installation of leachate collection infrastructure underneath the proposed site will be carried out to coincide with the 4 stages of bulk earthworks. The infrastructure will be designed to capture rainfall on the active asbestos filling zones along with any leachate generated, and then discharge it to trade waste for treatment.
- The installation of a groundwater drain along the site perimeter to divert groundwater away from the active disposal site. The water from the drain will discharge to a permanent diversion channel below the site.
- Discharge clean stormwater to the permanent diversion channel.

- To discharge asbestos material to land. Asbestos material will be bagged and wrapped appropriately before arriving at the landfill in order to prevent discharge of hazardous material to air.
- On going earthworks associated with the filling and covering of asbestos at the proposed site. This is estimated to be between 60,000m³ and 70,000m³ over the lifetime of the asbestos disposal cell and will be split into four stages that will be filled and then retired one at a time.

2. Reasons for resource consent

2.1 National Environmental Standards for Freshwater (NES-FW)

RMA section	Provision	Status	Comments
13	57	Discretionary	<p>Provision 57 of the NES-FW states that the reclamation of the bed of a river is a discretionary activity and can only be granted if the effects management hierarchy has been applied and functional need has been proven.</p> <p>The AEE at section 6.1.3 sets out that there is a functional need for the proposed stream reclamation to enable the asbestos cell to be created, because:</p> <ul style="list-style-type: none"> -The Wellington region is in need of an asbestos disposal area to dispose of the hazardous material from the construction industry. -The intended area will be established on top of an existing Stage 1 waste cell which is already contaminated land so no new contaminated land will be created with the establishment of the ADC. -The intended area was lined and wrapped when the Stage 1 cell was retired. The wrap and lining will help contain the leachate from the ADC placed on top. There is no other area onsite that has the capacity to help control the leachate that will be generated by the ADC. - The only other area that the ADC could be established on site would be in the woodland area at the bottom of the landfill. This is not a viable location as the area most likely supports a much

RMA section	Provision	Status	Comments
			<p>richer ecology than the proposed site. Establishing the ADC in this area would also require the Sediment Retention Pond located in this area to be removed. This is not viable as the SRP is essential to the running of the landfill.</p> <p>Further, the application has been assessed in relation to the effects management hierarchy. The AEE sets out that the reclamation of the headwater reach of the Tip stream has been avoided. Additionally, the AEE sets out that while it is not practicable to avoid or minimise the effects on the highly modified section of the stream, that the effects on this section of the stream will be remedied through the reinstatement of a similar concrete lined channel.</p> <p>Because the Tip Stream was evaluated as having very low ecological value it was deemed that the reclamation and diversion will have no more than minor effect on the environment. Therefore offsetting is not required as there will not be more than minor residual adverse effects that cannot be avoided, minimised or remedied.</p> <p>Based on the applicant's assessment of the proposal against the 'functional need' and effects management hierarchy requirements of provision 57 of the NES-FW, I consider the proposed stream reclamation should be considered as a discretionary activity under provision 57 of the NES-FW.</p>

2.2 Proposed Natural Resources Plan

RMA section	Rule	Status	Comments
9	R101	Permitted	The earthworks being undertaken will exceed 3,000m ² and therefore cannot comply with R101.
	R104	Permitted	
	R107	Discretionary	Vegetation clearance will be required on the natural slopes above the existing landfill cap which exceed 20 degrees in places, and vegetation clearance will be required within 5 m of the perimeter diversion channel which is the highly modified Tip Stream, and thus cannot comply with R104. Consent is required for a discretionary activity under R107.
15	R91	Permitted	The area that asbestos will be discharged into is categorised as a category III Slur site. The asbestos will be coming into contact with this contaminated land thus the activity cannot comply with R91. Therefore a consent is required of a discretionary activity under R94.
	R94	Discretionary	
13	R151	Discretionary	The diversion is not provided for by other rules in the NRP. A resource consent is required for a discretionary activity under R151.
	R142	Discretionary	In order to permanently divert the Tip Stream, the current bed of the stream will need to be filled in. This loss of stream bed extent is considered reclamation. The Tip Stream is not a Schedule A1, A2 of C stream and the realignment is a discretionary activity under rule R142.

2.3 Overall activity status

Overall, the activity must be assessed as a **discretionary activity** under the Natural Resources Plan and National Environmental Standards for Freshwater.

3. Consultation

Iwi authority	Comments
Port Nicholson Block Settlement Trust	A copy of the application was provided to PNBST via the Te Wāhi platform. No comment was received
Ngāti Toa Rangatira	A copy of the application was provided to Ngāti Toa Rangatira via the Te Wāhi platform. No comment was received
Other parties or persons	Comments
Gregor McLean - Erosion and Sediment Control Specialist	The application was provided to Mr. McLean, erosion and sediment control expert, to review on behalf of GWRC. Mr. McLean's comments are discussed in Section 5 of this report.
James Flanagan -GWRC Flood Protection Specialist	The application was provided to Mr. Flanagan to review in regards to flood protection. Mr. Flanagan stated that the increase in the slope of the stream bed would be less than 0.3% and predicted that there would be no issues in regards to flooding.
Dr Dave Bull – Site Contamination Specialist	The application was provided to Dr. Bull, Site Contamination Specialist, to review on behalf of GWRC. Dr. Bull's comments are discussed in Section 5 of this report.
Dr Mark Heath – Senior Freshwater Scientist	The application was provided to Dr Heath, senior Freshwater Scientist at Traverse Environmental. Dr Heath reviewed the ecology of the Tip Stream on Behalf of GWRC. Dr Heath's comments are discussed on Section 5 of this report.
Phil Vernon, Health Protection Officer, Te Whatu Ora	Phil Vernon, Te Whatu Ora, was sent a copy of this application in order to review the effects in respect to public health. In his response Mr Vernon stated Te Whatu Ora had no concerns with the proposed works.

4. Notification decision

A decision was made to process the application on a non-notified basis on 28 September 2023. Further information on the notification decision is provided in document [WGN240050 - Notification decision report .docx](#).

5. Environmental effects

The applicant provided an Assessment of Environmental Effects (AEE) with the application.

This section provides an assessment of the effects of the proposed activity on the environment. Information has been drawn from the application provided by the applicant and other information sourced during the processing of the application.

5.1 Effects of earthworks and discharges on water quality.

During earthworks, sediment has the potential to be mobilised and discharged to land where it may enter water. If sediment enters any water body, it is likely to cause a local and temporary increase in turbidity and reduce the overall water quality. High suspended solid concentration can have adverse effects on instream and coastal ecology, especially if these conditions persist over a long period of time. There is the potential for sediment discharge during both the bulk earthworks to establish the ADC as well as from the ongoing earthworks needed to operate and maintain the ADC.

Mr McLean confirmed acceptability of the overall approach to managing and implementing erosion and sediment control. Mr McLean recommended conditions be imposed on the consent that require:

- A comprehensive flocculation plan be submitted at least 20 working days before any stage of works is to commence.
- A Final Erosion and Sediment Control plan to be submitted at least 20 working days before any stage of works is to start.

Overall, based on the advice from Mr McLean, I am satisfied that the effects of the earthworks and discharges of water quality will be no more than minor and can be appropriately managed through the implementation of the recommended conditions of consent.

5.2 Freshwater Ecology

Works in the beds of streams have the potential to cause adverse effects through the release of sediment into downstream reaches, and structures placed in stream beds can result in the permanent loss of stream habitat thereby decreasing the biodiversity values of the stream.

As described in Section 1 of this report, the applicant is proposing reclamation and vertical diversion of approximately 955 meters of the Tip Stream which is a highly modified stream that runs along the perimeter of the landfill, creating a clean water diversion. The new bed of the stream will be concreted in a similar fashion to how most of the current bed is now. Approximately 265 meters of the trip stream that is to be reclaimed still has a natural bed of gravel substrate.

Dr Mark Heath (Senior Freshwater Scientist) reviewed the application and the ecological assessment provided by the applicant in respect to the impacts of the proposal on the freshwater ecology in the Tip Stream. Dr Heath considers

that both the concrete lined bed of the Tip Stream and the uncreted bed have little ecological value and most likely only support highly tolerant macroinvertebrate species that are highly abundant in the surrounding area. Dr Heath acknowledges that there will be a complete loss of habitat and aquatic life in the staged works areas during the construction phase. However, after the diversion is complete Dr Heath expects that the highly tolerant macroinvertebrate species currently present will quickly re-establish/colonise the new channel, following the two-year construction period. Dr Heath's conclusion is that the environmental impact of the activity will be no more than minor.

In accordance with the application and supporting documents, along with the review from Dr Heath, I consider that the effects of ecology in the environment will be less than minor. I am satisfied that the environmental effects from the stream reclamation and diversion can be appropriately managed.

5.3 Discharge of contaminants (namely asbestos) into the environment and associated leachate.

Asbestos is a hazardous material that can have significant negative effects on human health when particles are inhaled. The discharge of hazardous materials, such as asbestos, to land can create new areas of contaminated land that have a negative effect on the environment and ongoing land uses. The associated discharge of leachate generated from the proposed site has the potential to contaminate both ground water and surface water.

As described in section 1 the proposed site for the new ADC is located on top of the closed Stage 1/1A of the Silverstream Landfill which is clay lined and currently capped. This site is already classed as contaminated land so no new contaminated land will be created upon the establishment of the ADC. Asbestos will be bagged and wrapped in plastic before arriving at the landfill and being disposed of. During the establishment of the new ADC the applicant will install leachate collection infrastructure that will capture any leachate generated and discharge it to trade waste.

The application was provided to Dr Dave Bull (Site Contamination Specialist) for review on behalf of GWRC. Dr Bull stated that asbestos is only known to have adverse effects on human health and only via inhalation, therefore does not have an effect on water quality or terrestrial ecology. Dr Bull also states that given the process described in the application, in which asbestos wastes are either bagged or covered at virtually all times, he concludes that the environmental impact of the activity will be minimised as much as practicable.

In accordance with the application and supporting documents, along with the review from Dr Bull, I consider that the effects of the discharge of asbestos to land via the ADC will be managed to ensure adverse effects are the minimum practicable and can be appropriately managed through the recommended consent conditions.

5.4 Summary of effects

Given the assessment above, it is considered that the effects of the activity are, or will likely be no more than minor when undertaken in accordance with the recommended consent conditions.

6. Statutory assessment

6.1 Part 2

Part 2 of the Act outlines the purposes and principles of the Act. Section 5 defines its purpose as the promotion of the sustainable management of natural and physical resources. Sections 6, 7 and 8 of Part 2 define the matters a consent authority shall consider when achieving this purpose.

I am satisfied that the granting of the application is consistent with the purpose and principles in Part 2 of the Act.

6.2 Matters to be considered – Section 104-108AA

Section 104-108AA of the Act provides a statutory framework in which to consider resource consent applications. All relevant matters to be considered for this application are summarised in the table below:

RMA section	Matter to consider	Comment
104(1)(a)	Actual or potential effects on environment	See Section 5 of this report.
104(1)(ab)	Measures to offset or compensate for adverse effects on the environment	The applicant has not proposed any measures to offset or compensate for adverse effects on the environment.
104(1)(b)(iii)	National Policy Statement for Freshwater Management 2020	I consider that, with the application of the recommended conditions of consent, the proposed activity is consistent with the NPSFM.
	Objective 1, Policy 2, Policy 3 & Policy 5.	Given the nature of the proposal including the proposed erosion and sediment controls, the effects of the proposal on freshwater is considered to be less than minor. The mauri of the surrounding water bodies will be protected, and the relevant iwi groups have not raised concerns with the application.
104(1)(b)(iii)	National Policy Statement for Indigenous Biodiversity	The objective of the National Policy Statement for Indigenous Biodiversity is to maintain biodiversity across the country.

RMA section	Matter to consider	Comment
		<p>Works proposed by this consent includes vegetation clearance of bush and scrub along the southern banks of the Tip Stream. The bush to be removed mainly consist of gorse and other introduced plants.</p> <p>The applicants have contacted the Department of Conservation to organise the relocation of native lizards from the area that vegetation will be cleared.</p> <p>I consider that the works proposed will not degrade biodiversity in the area and are in line with the objectives and policies of this policy statement.</p>
104(1)(b)(v)	Regional Policy Statement (including Proposed Plan Change 1)	I consider that, with the application of the recommended conditions of consent, the proposed activity is consistent with the RPS.
	<i>Objective/Policy</i>	<i>Comment</i>
	Objectives 1 and 2	<p>These objectives and policies relate to the discharge of odour, smoke and dust to air and that is does not adversely affect amenity values and people's wellbeing.</p> <p>The discharge of asbestos waste (e.g. roof tiles, pipes, cladding etc) to land will not generate odour. The asbestos will be bagged before arriving on site so dust will not be generated.</p> <p>The works proposed are consistent with these objectives and policies.</p>
Objective 11	<p>This objective relates to the reduction of the quantity of waste that is disposed.</p> <p>the asbestos waste to be disposed of on site is material that was historically used in construction and is no longer being used or manufactured.</p>	

RMA section	Matter to consider	Comment
		<p>The establishment of a new asbestos disposal site to receive demolition material will not disincentivise efforts to reduce the use and the generation of asbestos products.</p> <p>The works proposed are consistent with these objectives and policies.</p>
	<p>Objectives 12, 13, 29, 40 and 43</p>	<p>The application outlines a plan to prevent the discharge of sediment to surface water and also to avoid the discharge of leachate to ground and surface water. The ESCP will be further revised before the project starts. Water will also not be diverted out of the Tip Stream catchment.</p> <p>The proposed activity is not expected to reduce the water quality or the flow amount to a degree where the ecological function of the Tip Stream or Hutt River will be negatively affected.</p> <p>The works proposed are consistent with these objectives and policies.</p>
	<p>Objective 23, 24, 25, 27, 28, 48, 49 and 66</p>	<p>These objectives relate to Māori relationships. It is not expected that the works will have any adverse effects on cultural values. The applicants contacted local Mana Whenua during the preparation of the application.</p>
104(1)(b)(vi)	<p>Natural Resources Plan</p>	<p>I consider that, with the application of the recommended conditions of consent, the proposed activity is consistent with the Proposed Natural Resources Plan (decisions version).</p>
	<p><i>Objective/Policy</i></p>	<p><i>Comment</i></p>
	<p>Objective O1, O2, O4 and Policy P1</p>	<p>These objectives and policies relate to maintaining and enhancing water quality and aquatic ecosystem health. The controls required by the ESCP will reduce the amount of sediment entering any freshwater body, while based on the comments</p>

RMA section	Matter to consider	Comment
		<p>from Dr Bull I consider the active filling of asbestos will not have adverse effects on water quality. Based on this I am comfortable that adverse effects will be no more than minor.</p>
	<p>Objective O9, O10 and Policy 13</p>	<p>The Silverstream Landfill is considered regionally significant infrastructure. The proposal will provide a dedicated space for the disposal of asbestos material. There is a need for such a site in the Wellington region to enable disposal of asbestos in such a way that protects human health. The location at an existing landfill is considered to be appropriate. Overall, the proposed works will help achieve these objectives and the policy supports the consent application.</p>
	<p>Objective 13 and Policy 21</p>	<p>The applicant contacted local Mana Whenua during the preparation of the application. No comments were received from either Ngāti Toa Rangatira or Port Nicholson Block Settlement Trust.</p> <p>This is considered to be consistent with this objective and policy.</p>
	<p>Objective O4, O17, O19 and Policy 30 and 31</p>	<p>These policies and objectives relate to avoiding adverse effects and maintaining or improving water quality. The erosion and sediment controls, in conjunction with the Landfill Management Plan, will ensure the works proposed are consistent with these policies and objectives.</p>
	<p>Policy P31</p>	<p>This Policy addresses the effects on biodiversity and ecosystem health. The Tip Stream is a highly modified stream with a concreted bed for a majority of its length. The stream runs around the perimeter of the landfill and is deemed to have very low ecological value.</p>

RMA section	Matter to consider	Comment
		Based on the above assessment I consider the adverse effects on aquatic habitat from the stream reclamation and realignment are no more than minor.
	Objective O21	<p>This objective addresses the establishment of vegetated riparian margins in order to maintain and enhance water quality and biodiversity of stream. In this case a riparian margin cannot be established along the Tip Stream as access is required in order to periodically clean refuse out of the channel.</p> <p>Therefore, I consider the proposal to be consistent with this policy.</p>
	Policy P101	<p>This policy addresses the adverse effects on fresh water, including groundwater, coastal water, and air from discharges to land associated with landfills.</p> <p>The proposed ADC has been designed with reference to the Waste MINZ Guidelines as a Class 2 landfill. The ADC will capture leachate and discharge this to trade waste. Also, the use of the existing Stage 1A cap as a liner and provision of a GCL liner will prevent the leaching of contaminants from the asbestos waste to land and water. Silverstream landfill more broadly is managed in accordance with an existing landfill management plan.</p> <p>With this in mind I consider the application to be consistent with this policy.</p>
	Objective O41 and Policy P100	These objectives and policies relate to protecting the environment from the adverse effects of discharges of hazardous substances and the creation of contaminated land.

RMA section	Matter to consider	Comment
		<p>The new ADC is to be lined and the leachate syphoned off to trade waste. The land that the cell is to be established on is already classified as a contaminated site so no new contaminated land will be created.</p> <p>Therefore, I consider the works proposed to be consistent with these policies and objectives.</p>
	Policy P110	<p>This policy looks at the loss of extent and values of the beds of lakes and rivers and natural wetlands, including as a result of reclamation and drainage.</p> <p>The works will reclaim a section of the Tip Stream as the current bed will be filled in and a new bed raised and established on top. Because of this there will be no permanent loss of stream flow area.</p> <p>There is also a functional need for the stream reclamation and realignment as it is required for the creation of a new Asbestos Disposal Cell for the region and there are no practical alternatives for its placement.</p> <p>Therefore, I consider the works proposed to be consistent with this policy.</p>
	Policy P117 and P136	<p>These policies require that diversion of water from a surface water body shall not reduce flows or water levels below minimum flows.</p> <p>The application states that the proposed stream realignment will not divert water out of the Tip Stream catchment or affect minimum flows downstream. Therefore, the life-supporting capacity of the fresh water within Tip Stream and associated ecosystems should not be affected by the diversion.</p>

RMA section	Matter to consider	Comment
		<p>Ecology will be disturbed in the areas of stream that are to be diverted and reclaimed but Dr Heath expects that the same life supporting capacity will be restored quickly after works are completed.</p> <p>I consider the application to be consistent with this policy.</p>
	Objectives O34, O36, O37 and Policy P65	<p>These policies and objectives relate to managing discharges to land and water.</p> <p>I consider the ESC and leachate controls detailed within the application will ensure the associated discharge of contaminate material will not have adverse effects on the life-supporting capacity of freshwater. As the discharge is to land rather than surface water, any residual effects on the receiving environment will be further reduced.</p> <p>The works proposed are consistent with these policies and objectives.</p>
	Natural Resources Plan – Proposed Plan Change 1	
	Plan Change 1	<p>Plan change 1 was notified part way through processing this consent. Therefore, the consent has been assessed against Plan change 1 in addition to the objectives and policies already assessed under the Natural Resources Plan (NRP).</p>
	Objective WH.O2	<p>This objective relates to the wellbeing of freshwater environments within Whaitua Te Whanganui-a-Tara. The proposed activity will provide an ESCP detailing measures to treat any discharges leaving site. The ecology of the Tip Stream is considered very low and is populated by hardy and prevalent macroinvertebrates that will quickly recolonize after the diversion is complete. The risk of any discharges</p>

RMA section	Matter to consider	Comment
		to surface water are considered to be no more than minor.
	Objective WH.09	<p>This objective aims to ensure the maintenance or improvement of the water quality of rivers in the Te Whanganui-a-Tara catchment and states the target attributes for water.</p> <p>This site is within the Te Awa Kairangi urban streams Part Freshwater Management Unit (FMU). The main contaminate from this proposed works will be sediment. Te Awa Kairangi urban streams FMU is currently meeting the Target Attribute state for Suspended fine sediment and therefore, the proposal needs to enable the FMU to maintain this level of water quality.</p> <p>The proposed works will work under an Erosion & Sediment Control Plan approved by GWRC. This plan will ensure that the amount of sediment that leaves the site and enters the local freshwater systems will have a less than minor effect on the environment.</p> <p>Therefore, I consider that the proposal aligns with this objective.</p>
	Policy WH.P4 WH.P5 WH.P6	<p>These policies aim to ensure visual clarity and health of fresh water systems. Sediment discharging from the proposed site will have a negative impact on the clarity of the local waterways. The proposed works will work under an Erosion & Sediment Control Plan approved by GWRC. This plan will ensure that the amount of sediment that leaves the site and enters the local freshwater systems will meet the clarity levels laid out in PC.1 and avoid adverse effects on water quality</p>

RMA section	Matter to consider	Comment
	Policy WH.P8	This policy aims to avoid the discharge of contaminants such as untreated industrial and trade waste to fresh water. The proposal includes the construction of a leachate collection system under the asbestos disposal cell that will collect any water contaminated with asbestos and divert it to the trade waste network.
	Policy WH.P29, WH.P30	These policies aim to ensure that earthwork sites are managed correctly and the discharge from earthworks sites does not have a negative impact on local freshwater systems. The proposed works will work under an Erosion & Sediment Control Plan approved by GWRC. This plan will ensure that the earthworks site has suitable erosion and sediment controls installed and that the sediment discharged has a no more than minor effect on the environment.
	Policy WH.31	This policy outlines a mandatory earthworks shutdown period from 01 June to 30 September every year. Applicants checked with to make sure they are aware of this Policy.
104(1)(c)	Any other matter	There are no other matters relevant to this application.
104(2A)	Value of investment for existing consents	I have considered the value of existing investment associated with this application. Due to the proposed site already being used as an active landfill much of the infrastructure such as a leachate collection and disposal system, are already established. This makes it the ideal site for the asbestos disposal area.
105(1)	Matters relevant to discharge permits	In making my recommendations I have had regard to the matters outlined in Section 105 (1).

RMA section	Matter to consider	Comment
107	Restrictions on grant of certain discharge permits	I consider that provided the sediment laden discharges from the activity are managed in accordance with the application and all recommended conditions of consent, the discharges are unlikely to give rise to the adverse effects outline in Section 107.
108 – 108AA	Conditions on resource consents	Standard conditions of consent for this activity type are recommended. All standard conditions of consent meet s108AA. Any additional conditions are outlined in Section 5 of this report. I have assessed the additional conditions against the criteria in s108AA.

7. Weighting of the NRP Proposed Plan Change 1

As the conclusion reached under the Natural Resources Plan assessment is consistent with that reached under the Proposed Plan Change 1 there is no need to undertake a weighting exercise between the two Plans.

8. Main findings

In conclusion:

1. The proposed activity is consistent with the Purposes and Principles of the Resource Management Act 1991.
2. The proposed activity is consistent with the relevant objectives and policies of the National Policy Statement for Freshwater, Regional Policy Statement, the Natural Resources Plan (decisions version), and proposed Plan Change 1 to the Natural Resources Plan.
3. The actual or potential adverse effects of the proposed activity on the environment will be or are likely to be no more than minor.
4. Conditions of the consent(s) will ensure that the effects of the activity on the environment will be appropriately avoided, remedied or mitigated.
5. The proposal incorporates appropriate mitigation measures, to ensure the adverse effects are or are likely to be no more than minor.

9. Duration of consent

[39178] bulk earthworks, [39177] for stream diversion and [39243] for stream reclamation will be consented for a duration of 17 years. This is to allow time for the consent holder to complete the works in a staged manor that allows one stage of the cell being created and filled before moving on to the creation of the next cell. While this duration is longer than the standard duration for earthworks and works in the bed of a stream, this is considered appropriate to reflect the requirements of this site and its status as regionally significant infrastructure.

[39176] to discharge contaminated material to land will be consented for 35 years to allow the ADC to be fully utilised.

10. Monitoring

10.1 Monitoring schedule

The following compliance monitoring programme will be undertaken during the consent term:

Monitoring assessment:	<input type="checkbox"/> Annual	<input type="checkbox"/> Three-yearly	<input checked="" type="checkbox"/> Other:
	Monitoring will be undertaken during and on completion of earthworks and stream works. Annual monitoring will be done on the asbestos discharge to land.		
Monitoring input:	<input type="checkbox"/> Audit	<input checked="" type="checkbox"/> Site inspection	<input type="checkbox"/> Other:
Other notes	Earthworks, stream works and discharge to land will be monitored.		
Compliance group	Large earthworks		

10.2 Monitoring charges

Consent monitoring charges apply for the consent(s) approved. Charges are normally invoiced on an annual basis. Your consent monitoring charge is made up of three components:

1. **Customer service charge** – every consent incurs an annual charge of \$40. This covers costs associated with the administration of your consent.
2. **Compliance monitoring charge** – the cost associated with our staff monitoring the compliance of your consent.
3. **State of the environment (SOE) charge** – a proportion of our science monitoring is paid by consent holders.

An estimate of your annual consent monitoring charge is provided below:

		Amount	Charge code(s)
Customer service charge	4 consent(s)	\$220	
Monitoring charge	Variable	\$-*	DL
SOE charge	Discharge sediment laden stormwater from earthworks,	\$940	5.3.5.1
	Land Use	\$140	Other SOE Charges
Further notes (if applicable)			

*Variable charges will alter from year to year and are based on the actual and reasonable amount of time required to monitor your consent.

The GWRC Resource Management Charging Policy is reviewed on an annual basis, and may alter these charges.