

# Resource Consent

## RESOURCE MANAGEMENT ACT 1991

**Consent No. WGN060283 [35674]**

**Category: Discharge permit**

### Change to condition 1 and delete advice note

Pursuant to sections 104, 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:

<b>Name</b>	Wellington City Council	
<b>Address</b>	PO Box 2199, Wellington 6140	
<b>Duration of consent</b>	Effective: 28 June 2010	Expires: 31 December 2023
<b>Purpose for which right is granted</b>	To occasionally discharge secondary treated and disinfected wastewater from the Western Wastewater Treatment Plant to Karori Stream during events when the stormwater tank is full and the flow to the plant exceeds 190 L/s.	
<b>Location</b>	Karori Stream adjacent to the Western Wastewater Treatment Plant at or about map reference NZMS 260: R27; 2652332.5987157	
<b>Legal description of land</b>	Sec 1 SO 37211	
<b>Conditions</b>	1 - 19 as attached	

For and on behalf of  
WELLINGTON REGIONAL COUNCIL



Manager, Environmental Regulation

Date: 2 July 2018

# Conditions to Resource Consent WGN060283 [35674]

## Activity

- 1.<sup>1</sup> The location and nature of the discharge shall be in accordance with the consent application and its associated plans and documents lodged with the Wellington Regional Council on 30 March 2006, and additional information received on:
- 29 June 2006
  - 2 February 2018 (change of conditions application)

Where there may be contradictions 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 permit, the conditions apply.

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

## Operational conditions

2. This permit shall only be exercised when the sewage inflow to the treatment plant exceeds 190 litres per second (L/s), and the 1000 m<sup>3</sup> storage tank is full.
3. The permit holder shall continuously monitor and record influent flow to the Western Wastewater Treatment Plant, and make the results available to the Manager, Environmental Regulation, Wellington Regional Council on request.

## Notification

4. The permit holder shall notify as soon as practicable and at least within 12 hours, the Manager, Environmental Regulation, Wellington Regional Council, the Medical Officer of Health and downstream landowners on each and every occasion that this permit is exercised.

During weekends and public holidays the permit holder shall also notify the Environmental Protection Team, Wellington Regional Council.

Note: Notification should occur immediately when the plant is staffed.

## Monitoring and reporting requirements

5. All sample sites used by the permit holder to carry out monitoring required by this permit shall be to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.
6. The permit holder shall monitor and record the time, flow rate, duration and total volume of the overflow discharges into the Karori Stream, and shall report the results to the Manager, Environmental Regulation, Wellington Regional Council, within 10 working days of the overflow event occurring.

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<sup>1</sup> Condition changed under s127 of the Resource Management Act 1991, granted 6 June 2018

The permit holder shall maintain an incident log containing the details of each overflow discharge and make it available to the public or the Manager, Environmental Regulation, Wellington Regional Council upon request.

7. The permit holder shall submit to the Manager, Environmental Regulation, Wellington Regional Council the amount of rainfall recorded at the Karori Reservoir rain-gauge in each hour for each of the 7 days preceding each overflow event in the annual report required by condition (11) of this permit.
8. After an overflow discharge has occurred for more than 2 hours, the permit holder shall collect a representative grab sample of the treated effluent, prior to its entry into Karori Stream. All samples shall be analysed for the following parameters:

Suspended solids	g/m <sup>3</sup>
Ammoniacal nitrogen	g/m <sup>3</sup>
Total BOD5	g/m <sup>3</sup>
Faecal coliform bacteria	cfu/100ml

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the overflow discharge occurring.

9. After an overflow discharge has occurred for more than 24 hours, the permit holder shall collect two representative grab samples from the Karori Stream, one from upstream of the discharge point and one no more than 100 metres downstream of the discharge point. This sampling shall be repeated at daily intervals thereafter for the duration of the discharge. A final set of samples shall be taken two hours after the discharge has ceased, or as soon as is practicable thereafter.

All samples shall be analysed for the following parameters:

Suspended solids	g/m <sup>3</sup>
Ammoniacal nitrogen	g/m <sup>3</sup>
Total BOD5	g/m <sup>3</sup>
Faecal coliform bacteria	cfu/100ml

The results of the monitoring shall be forwarded to the Manager, Environmental Regulation, Wellington Regional Council within 10 working days of the overflow discharge occurring.

Note: No monitoring shall be required during the hours of darkness, or when conditions are too dangerous for the safe procurement of samples.

10. All sampling techniques employed in respect of the conditions of this permit shall be acceptable to the Wellington Regional Council. All analyses undertaken in connection with this permit shall be performed by an International Accreditation New Zealand (IANZ) registered laboratory or otherwise as specifically approved by the Wellington Regional Council.
11. The permit holder shall produce an **annual report** by 31 July each year that summarises the information collected in accordance with conditions (6), (7), (8), (9), (15) and (16) of this permit.

The report shall also include the influent flow records for the dates on which overflow discharges have occurred during that year.

This report shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council and a copy shall be provided to members of the Western WWTP Community Liaison Group (which is to be formed in accordance with the conditions applied to coastal permit WGN060283 [25226]).

## Overflow Contingency Plan

12. The permit holder shall review and update the current **overflow contingency plan** for the Western wastewater treatment plant (dated 17 May 2006) to ensure that is consistent with all the conditions of this permit. The plan shall be revised in consultation with Regional Public Health. The updated plan shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council for approval within six months of the date of commencement of this permit.
13. The permit holder shall operate in accordance with this plan once it has been approved by the Wellington Regional Council.

### Signage

14. Within three months of the commencement of this permit, the permit holder shall place and maintain appropriate signage at the end of South Makara Road containing wording that has been approved by the Manager, Environmental Regulation, Wellington Regional Council. The permit holder shall consult with Regional Public Health regarding the wording of the signs prior to be submitting them for approval to Wellington Regional Council.

The signage shall:

- a) provide clear identification of the location and nature of the potential contamination of the stream with sewage;
- b) provide information regarding the potential risk to public health from bathing or collecting water for human consumption in the vicinity of the discharge;
- c) provide a 24-hour contact phone number; and
- d) be visible to the public visiting the area and legible from a distance of 50 metres without unnecessarily detracting from the visual amenity of the area.

Written confirmation of the signage placement accompanied by photographs of the signage shall be provided to the Manager, Environmental Regulation, Wellington Regional Council within four months of the commencement of this consent.

Note: At the time of granting this consent, there is an existing sign in place at the end of South Makara Road which has been approved by Regional Public Health. There is no requirement to obtain further agreement from Wellington Regional Council and consult with Regional Public Health. However if signage changes in the future the permit holder will need to obtain approval from the Wellington Regional Council and consult with Regional Public Health.

### Inflow and Infiltration

15. The permit holder shall provide the Manager, Environmental Regulation, Wellington Regional Council and the members of the Community Liaison Group with an **annual report** detailing what steps have and will be taken to reduce infiltration and stormwater ingress into the Karori sewerage network.

The report shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council by 31 July each year and shall include, but not be limited to, the following information:

- a) Details of works that have been undertaken and what these works are expected to achieve;
- b) An indication of when any ongoing works will be complete;
- c) Details of any investigations undertaken with regard to inflow and infiltration in the Karori catchment; and
- d) Details of any works or investigations planned for the next financial year.

Note: One annual inflow and infiltration report may be submitted to the Manager, Environmental Regulation, Wellington Regional Council to meet the requirements in this regard of permits WGN060283 [35255], [25227], [35674] and [35675].

## Complaints

16. The permit holder shall keep a record of any complaints that are received. The record shall contain the following details, where practicable:
- a) Name and address of the complainant;
  - b) Identification of the nature of the complaint;
  - c) Date and time of the complaint and of the alleged event;
  - d) Weather conditions at the time of the complaint; and
  - e) Any measures taken to address the cause of the complaint.

The permit holder shall notify the Manager, Environmental Regulation, Wellington Regional Council of any complaints relating to the exercise of this permit, within twenty-four hours of being received by the permit holder, or the next working day.

The permit holder shall forward to the Manager, Environmental Regulation, Wellington Regional Council a copy of any complaints recorded in the annual report required by condition (11) of this permit.

## Monitoring and Technology Review Report

17. Within six months of the ninth anniversary of the commencement of this permit, the permit holder shall provide to the Manager, Environmental Regulation, Wellington Regional Council, a **Monitoring and Technology Review Report**. The assessment required by the report shall be undertaken by a suitably qualified and experienced New Zealand specialist or specialists in wastewater treatment and disposal.

The report shall be to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

The scope of the assessment should address, but not necessarily be limited to, the following:

- a) Ongoing compliance with the requirements of this permit particularly in relation to any reported non-compliance with consent conditions;
- b) An assessment of compliance/consistency with any relevant national, or regional water quality policies, standards or guidelines in effect at the time;
- c) An assessment of the results of the permit holder's monitoring undertaken in accordance with this permit including the adequacy and scope of such monitoring;
- d) A summary of any improvements made to the reticulation, treatment or disposal system since the granting of this permit;
- e) A summary of any residual actual or potential effects of the discharge, irrespective of whether those effects are in accordance with the conditions of this permit;
- f) An outline of technological changes and advances in relation to wastewater management, treatment, disposal and beneficial use technologies, which may be available to address any residual adverse effects; and the potential for reducing or eliminating overflows from the plant; and

- g) An assessment of whether any such options or combination of options represent the Best Practicable Option to avoid, remedy or further mitigate the effects of the discharge and whether the permit holder intends to incorporate such changes.

Note: It is not intended that separate reports be produced in relation to this condition under resource consents WGN060283 [35255], [25227], [35674] and [35675], but that one report shall encompass all the discharge permits. In respect of Condition 17(b) this shall include an assessment of any relevant standards of guidelines with respect to endocrine disrupting chemicals, pharmaceuticals and persistent organic pollutants.

### Review Condition

18. 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, within six months of the fifth and tenth anniversary of the commencement of this permit, for any of the following reasons:
- a) To review the adequacy of, and if necessary amend the monitoring requirements outlined in this permit;
  - b) To address any adverse effects on the environment arising from the exercise of this permit; or
  - c) To require implementation of Best Practicable Option, including new treatment technology where appropriate, to avoid, remedy or mitigate any significant adverse effect on the environment arising from the discharge.
  - d) To address any adverse effects identified in the reports required by conditions 11 and 17.

The review of conditions shall allow for the deletion or amendment of conditions of this permit; 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.

19. The Wellington Regional Council shall be entitled to recover from the permit 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.

Advice note: [Deleted]<sup>2</sup>

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<sup>2</sup> Advice note deleted under s127 of the Resource Management Act 1991, granted 6 June 2018