

Consent No. WGN080003 [26183]

Category: Discharge permit

Pursuant to sections 104B, 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	Wellington City Council	
Address	PO Box 2199, Wellington 6140	
Duration of consent	Effective: 11 May 2009	Expires: 11 May 2034
Purpose for which right is granted	To continuously discharge contaminants (including odour) to air from the Moa Point Wastewater Treatment Plan ventilation system.	
Location	Moa Point Wastewater Treatment Plant, Stuart Duff Drive, Mirimar, Wellington at or about approximate map reference NZMS 260: R27; 2661614.5984078	
Legal description of land	Pt Sec SO37180	
Conditions	1 - 17 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

Manager, Environmental Regulation

Date:

Conditions to Resource Consent

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1. 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 2 July 2007, and additional information received on 26 October 2007.

For the avoidance of doubt, where information contained in the application is contrary to conditions of this permit, the conditions shall prevail.

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

2. The maximum volume of deodorised air discharged shall not exceed 25,000 litres per second, 90,000 cubic metres per hour or 2,160,000 cubic metres per day.
3. There shall be **no discernible odour** resulting from the operations of the wastewater treatment plant at or beyond the site boundary.

Note: for the purposes of this condition the site boundary shall be defined as the boundary associated with the legal description Pt Sec 1 SO37180.

4. There shall be no discharge into air of any contaminant from the wastewater treatment plant that will have adverse effects at or beyond the site boundary.

Note: for the purposes of this condition the site boundary shall be defined as the boundary associated with the legal description Pt Sec 1 SO37180.

Notification of maintenance works

5. Prior to any maintenance work being carried out on the Moa Point Wastewater Treatment Plant and associated control equipment, the operator shall notify the Manager, Environmental Regulation, Wellington Regional Council.

The Moa Point Community Liaison Group (CLG), Residents of Moa Point Road and Kekerenga Street (that request to be notified) shall be notified of the maintenance work that is to be carried out prior to work commencing.

Odour Management Plan

6. Within six months of the grant of this permit the permit holder shall develop, in consultation with the CLG, an **Odour Management Plan** to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council. This plan shall include, but not be limited to the following:
 - a) Title and purpose of the plan;
 - b) Identification of key personnel and contact addresses/numbers;
 - c) A description of the process and method of operation (including a description the main potential sources of odour emission);

- d) Methods of mitigation and operating procedures (these are to include odour management during planned maintenance events and issues identified during the hearing);
- e) Monitoring (including during maintenance events);
- f) Details on staff training; and
- g) Details on system review and reporting procedures

The Odour Management Plan shall include all of the infrastructure associated with the Moa Point Wastewater Treatment Plant, including the pump station.

A copy of this plan shall also be provided to the Moa Point Community Liaison Group, the Wellington Tenth Trust, Te Atiawa, Te Runanganui o Taranaki Whanui ki te Upoko te Ika a Maui Inc., and Te Rununga o Toa Rangatira Inc.

Monitoring

7. The permit holder shall monitor air quality in the vicinity of the plant to confirm the absence of faecal coliforms and salmonella originating from the plant. Sampling is to be carried out at least once every six months.

The sampling method and locations are to be agreed with the Manager, Environmental Regulation, Wellington Regional Council within three months of the granting of this permit. Tests are to be carried out at a minimum of three sites downwind and three sites upwind of the plant, with at least one in the vicinity of Air New Zealand kitchens and one at a level of Kekerenga Street. The other sites are to be located outside of/and within 100 metres of the site boundary.

The results shall be provided annually in the annual report required under condition 14 of this permit, or on request.

Should the presence of faecal coliforms or salmonella be measured at any time, the Wellington Regional Council may direct that the applicant sample at least once every month for six months before returning to the six monthly sampling regime.

8. **Hydrogen sulphide (H₂S)** and other reduced sulphur compounds shall be monitored in the deodorised gas discharge. Monitoring shall be undertaken in the stack leading from the chemical scrubber system on a **monthly** basis.

The results shall be provided annually in the annual report required under condition 14 of this permit, or on request.

9. The discharge to air from the chemical scrubber system shall contain no more than **0.01ppm hydrogen sulphide (H₂S)** and no more than **0.05ppm total reduced sulphur** compounds (including H₂S).

10. The permit holder shall undertake **smoke testing** of the Moa Point wastewater treatment plant and ventilation system. The smoke tests are to be carried out on an **annual** basis between the months of August and November.

The results of the smoke test shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council within one month of the testing being carried out by the permit holder. A copy of the analysed results shall also be provided to Community Liaison Group, if requested.

11. All monitoring required by the conditions of this permit shall be carried to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council and shall be by a suitably trained person.

All analyses undertaken in connection with this consent shall be undertaken by independent registered laboratory accredited to International Accreditation New Zealand (IANZ) or otherwise as specifically approved by the Wellington Regional Council.

Incidents and complaints

12. Any incident that may result in adverse effects on the environment beyond the boundary of the permit holder's premises shall be notified to the Wellington Regional Council as soon as practicable, and at any time within 24 hours of the incident being brought to the attention of the permit holder; or the next working day.

The permit holder shall keep a permanent record of any incident that results, or could result, in an adverse effect on the environment beyond the boundary of the permit holder's site.

13. 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 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 14 of this permit.

Reporting

14. The permit holder shall provide to the Manager, Environmental Regulation, Wellington Regional Council an **annual monitoring report** for the period 1 July to 30 June, by 31 July each year summarising compliance with the conditions of this permit. A copy of the report shall be provided to Community Liaison Group, if requested. This report shall include, but not be limited to the following:

- a) A summary of all monitoring undertaken in accordance with the conditions of this permit and a critical analysis of the information in terms of compliance and adverse environmental effects;
- b) A comparison of data with previously collected data in order to identify any emerging trends;
- c) Comments on compliance with the conditions of this permit;
- d) Any reasons for non-compliance or difficulties in achieving compliance with the conditions of this permit;
- e) Any measures that have been undertaken, to improve the environmental performance of the wastewater treatment and disposal system;
- f) A copy of any complaints recorded (in accordance with condition 13 of this permit) during the year;
- g) Outcomes from the implementation of the Odour Management Plan; and
- h) Any other issues considered important by the permit holder.

Monitoring and Technology Review Report

15. Within six months of the 9th and 19th anniversaries 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 and also be supplied to the Medical Officer of Health, Community Liaison Group, Te Atiawa, Te Runanganui O Taranaki Whanui ki te Upoko o te Ika a Maui, Ngati Toa Rangitira and the Wellington Tenth Trust.

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 air 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 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 the management, treatment, disposal and beneficial use technologies of discharges to air, which may be available to address any residual adverse effects; and
- g) An assessment of whether any such options or combination of options represent the Best Practicable Option to minimise the effects of the discharge and whether the permit holder intends to incorporate such changes.
- h) The role of the Odour Management Plan in controlling the generation and managing the disposal of odorous air.

Review conditions

16. 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 tenth or twentieth anniversaries of the commencement of this permit, or within six months of the receipt of the report required by condition 15 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 deal with any adverse effects on the environment that may arise from the exercise of this permit; and which are appropriate to deal with at a later stage;
- c) To require the implementation of Best Practicable Options, including new treatment technology, to avoid, remedy or mitigate any significant adverse effect on the environment arising from the discharge.

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.

17. 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.