



Resource Consent

RESOURCE MANAGEMENT ACT 1991

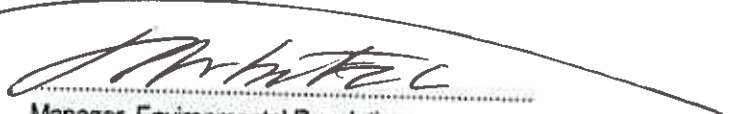
Consent No. WGN140176 [32765]

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	New Zealand Defence Force	
Address	Private Bag 902, Upper Hutt 5140	
Duration of consent	Commences: 10 March 2017	Expires: 10 March 2020
Purpose for which right is granted	Discharge permit to discharge stormwater contaminated with sediment and heavy metals from an area of bulk earthworks to a water body (wetland) on the Trentham Military Camp Demolitions Range.	
Location	Trentham Military Camp, Upper Hutt at or about map reference NZTM 1771359.5441865	
Legal description of land	Pt Sec 936 Hutt District	
Conditions	1-26 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL


Manager, Environmental Regulation

Date: 10/3/2017

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

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General condition

1. The location, design, implementation and operation of the activity shall be in general accordance with the consent application and its associated plans and documents lodged with the Wellington Regional Council on 4 February 2014 and further information (detailing the contaminants on the site, local hydrology and watercourses, stormwater discharge rates and details about the fill to be used on site) received on 5 March 2014.

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

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

2. The Manager, Environmental Regulation, Wellington Regional Council, shall be given a minimum of two working days (48 hours) notice prior to the works commencing.

Note: Notifications **must** be emailed to notifications@gw.govt.nz. Please include the consent reference WGN140176 [32765] and the name and phone number of a contact person responsible for the proposed works.

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

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

4. 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.

5. All works on the demolitions range including tidy up on completion of the works shall be completed to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

Erosion and sediment control

6. No works shall be undertaken during the period of 1 June to 30 September unless approved by the Manager, Environmental Regulation, Wellington Regional Council.

7. The consent holder shall ensure that sediment and erosion control measures include the following (as stated in the application received on 4 February 2014 and the further information dated 5 March 2014):

- Install stormwater perimeter drain along the western fence line, connecting with the existing water channel to the north
- Construct a cut-off drain across the uphill side of the Demolitions Range (outside the perimeter fence line, southeast side of the site), discharging into an existing open water channel to the south of the site
- Install temporary silt-fence around the western and northern perimeters of the site
- Construct temporary bunds along western and northern perimeters of the fill area

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- Construction of a temporary compacted hard standing pad at the Demolitions Range gateway to minimise pick-up of subgrade silts and possible subsequent tracking off site
 - Construction of a sediment retention pond including a forebay bund, dividing the silt-control basin into two settlement ponds at the northern boundary of the fill area
8. All erosion and sediment control measures shall be installed, operated and maintained in accordance with the *Erosion and Sediment Control Guidelines for the Wellington Region, September 2002* unless written approval has been obtained from the Manager, Environmental Regulation, Wellington Regional Council.
 9. All erosion and sediment control measures identified under Condition 7 shall be implemented prior to the commencement of bulk earthworks.
 10. The consent holder shall ensure that all sediment-laden runoff from the site is treated by sediment control measures detailed in the application prior to discharge. This obligation shall cease to apply in respect of any particular area once that area is stabilised.
 11. Discharges from all erosion and sediment control measures shall be dispersed over stabilised ground.
 12. All fill surfaces shall be rolled off at the end of each day to prevent erosion.
 13. If cleanfill is needed to be stockpiled on site, it shall be compacted and if in place for more than one month, stockpiles shall be sown with grass seed.
 14. Works shall be undertaken during dry weather periods and shall be staged to ensure the potential for erosion is minimised.
 15. During the winter close-down period and when cleanfill is not readily available to maintain efficient filling progress, the exposed subgrade or intermediate fill layer shall be shaped to maintain suitable surface water runoff control and capped with a minimum 100mm of topsoil and stabilised as per condition 17.
 16. For each stage of earthworks the consent holder shall ensure that the reinstated topsoil is hydroseeded or re-vegetated within 2 weeks of the area reaching finished design levels.
 17. All earth-worked areas shall be stabilised within 3 months of any stabilisation technique being applied to its surface, or a longer period if deemed satisfactory to the Manager, Environmental Regulation, Wellington Regional Council.

Note: For the purposes of Conditions 17 "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, hydroseeding, grassing, mulch, or another method to the reasonable satisfaction of the Manager, Environmental Regulation, Wellington Regional Council and as specified in Wellington Regional Council's Erosion and Sediment Control Guidelines for the Wellington Region, 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, Environmental Regulation, Wellington Regional Council, an 80% vegetative cover has been established.

18. No erosion or sediment control measures shall be removed without prior approval that is to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

Environmental incidents/contingency measures

19. The consent holder shall notify the Manager, Environmental Regulation, Wellington Regional Council within 24 hours if any contaminants (including sediment) are released from the site and enter a watercourse due to the following:
 - Discharges from unstabilised areas that are not treated by sediment control measures required under this consent
 - Failure of any erosion and sediment control measures, or

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- Any other incident which either directly or indirectly causes or is likely to cause adverse ecological effects on a downstream waterway

20. The consent holder shall ensure that:

- All on-site storage areas for fuels and lubricants are bunded or contained in such a manner so as to prevent the discharge or spillages of such contaminants
- All machinery is regularly maintained in such a manner so as to minimise the potential for leakage of fuels and lubricants, and
- No equipment or machinery is cleaned, stored or refuelled within 10 metres of any watercourse.

Monitoring

21. Sediment and water quality monitoring shall be undertaken by an appropriately qualified person. Monitoring shall be undertaken during earthworks and after earthworks are complete and the site has been re-grassed.

Monitoring shall be undertaken at the following three sites:

- Up gradient of the proposed works at a perched water site outside the area of works, but near 'Dem 7' on Figure 2 of the Tonkin and Taylor report submitted as part of the application (see attachment). Water samples shall be of the perched water and sediments will be sampled directly in contact/below the perched water.
- At the boundary of the earth worked area. Water samples shall be taken of the discharge from the sediment retention pond (illustrated on Figure 2 of the Tonkin and Taylor Report submitted as part of the application, see attachment). Sediment samples shall be in the contact area of the drain discharge.
- At the property boundary. Water samples shall be taken from the drain that is located directly to the west of the demolitions range where it crosses the property boundary (see attachment). Sediments shall be sampled from base of the drain in contact with water discharge.

The consent holder shall ensure that samples are collected at all three sites on a monthly basis during the course of active earthworks and re-grassing and on one occasion one month following the completion of earthworks and re-grassing.

Note: Samples shall be analysed for parameters listed in Condition 22.

22. The sediment samples collected in accordance with condition 21 shall be tested for:

- Total Lead
- Total Copper
- Phosphorus

The water samples collected in accordance with condition 21 shall be tested for:

- Dissolved and total copper
- Dissolved and total lead
- Dissolved reactive phosphorus
- pH
- Total hardness
- Total organic carbon
- Total suspended solids

23. The consent holder shall undertake an assessment of the results of monitoring done at sites B and C in accordance with conditions 19 and 20 against the results for Site A and the results of the initial sampling undertaken which were provided with the resource consent application. The monitoring results and assessment

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shall be provided to the Manager, Environmental Regulation, Wellington Regional Council within 20 working days of the sampling being undertaken.

Note: The sampling results should be emailed to notifications@gw.govt.nz. Please include the consent reference WGN140176 [32765] and the name and phone number of a contact person responsible for the proposed works.

24. Where the analysis of any of the samples collected in accordance with conditions 19 and 20 exceeds the results from Site A or the initial sampling results for copper, lead or phosphorus on any occasion either during the earthworks period or following the completion of earthworks the consent holder shall:

- Stop works on the site immediately and inform the Manager, Environmental Regulation, Wellington Regional Council
- Undertake analysis of the full range of contaminants on site. The full range of contaminants are lead, copper, antimony, arsenic, cadmium, chromium, mercury, nickel, zinc and phosphorus. The results of this monitoring shall be provided to the Manager, Environmental Regulation, Wellington Regional Council
- Identify the source of the contamination and take measures to prevent further contaminants leaving the site

Works on site cannot recommence until the Manager, Environmental Regulation, Wellington Regional Council, is satisfied that appropriate measures have been taken to ensure contaminants will not leave the site.

Discovery of artefacts

25. If koiwi, taonga or other archaeological material is discovered in any area during the works, work shall immediately cease and the consent holder shall contact Port Nicholson Block Settlement Trust and Ngati Toa Rangatira the New Zealand Historic Places Trust and Wellington Regional Council 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.

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

Review conditions

26. 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 six months of the first, second, third and fourth anniversaries of the commencement of this consent, for any of the following reasons:

- a) To review the adequacy of any plan 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 require the implementation of Best Practicable Options, in respect to new methodologies for the undertaking of works to avoid, remedy or mitigate any significant adverse effect on the environment arising from the works
- d) To enable consistency with any relevant Regional Plans or any National Environmental Standards

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:

1. A resource management charge, set in accordance with section 36(2) of the Resource Management Act 1991 shall be paid to the Regional Council for the carrying out of its functions in relation to the administration,

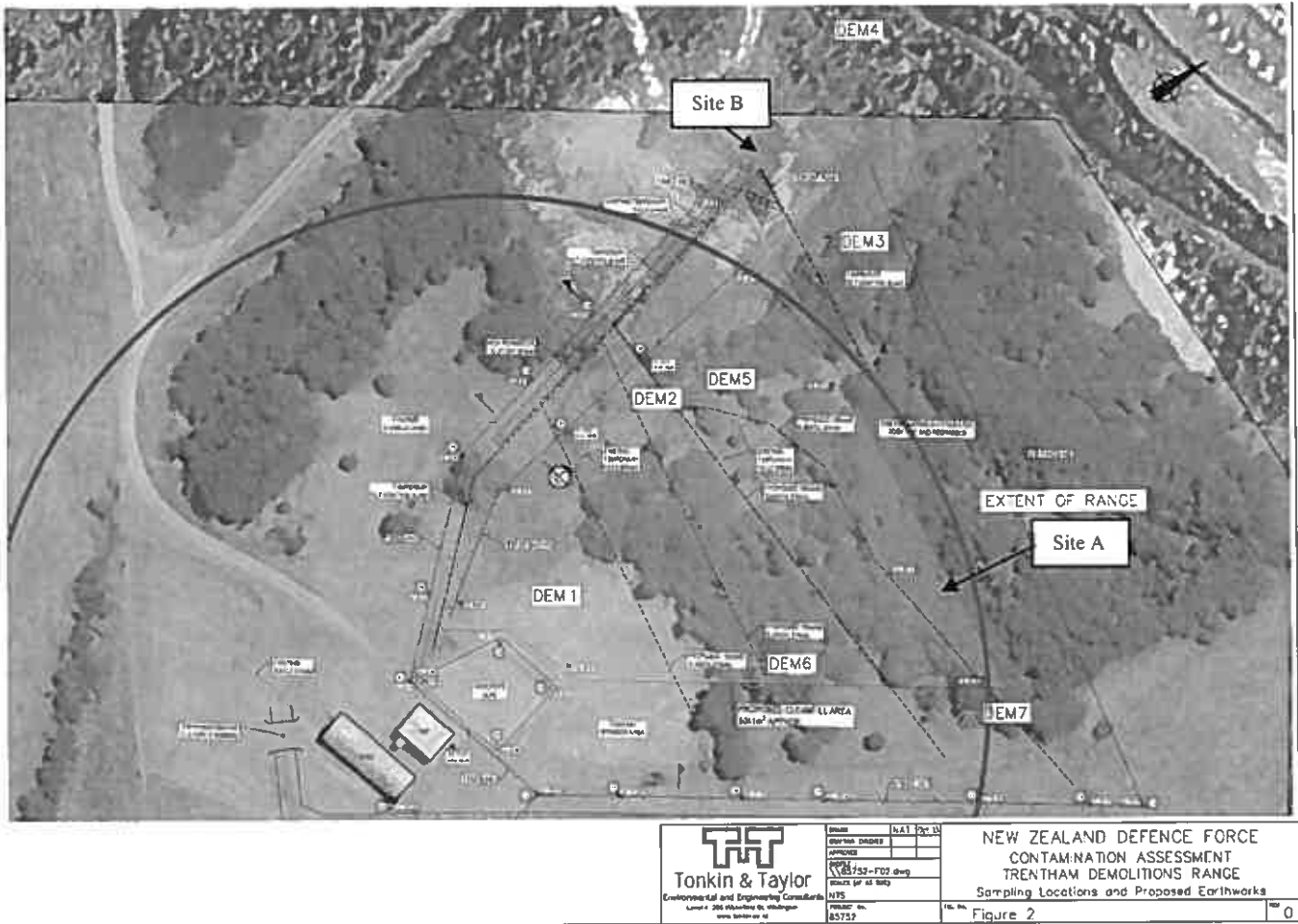
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monitoring, and supervision of resource consents and for the carrying out of its functions under section 35 (duty to gather information, monitor, and keep records) of the Act.

2. 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.

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Attachment 1 - Location of water & sediment sampling points for conditions 21 – 24



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