



Resource Consent RESOURCE MANAGEMENT ACT 1991

Consent No. WGN180065 [35008], [35009], [35010]
Category: Water permit, Discharge permit, Land use consent

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	Wellington City Council	
Address		
Duration of consent	Granted: 16 February 2018	Expires: 16 February 2028
Purpose for which right is granted	<p>[35008]: Water Permit to take and use groundwater for the purposes of dewatering excavations, dust suppression and other purposes related to the construction of the Omāroro Reservoir.</p> <p>[35009]: Discharge Permit to discharge stormwater runoff from areas of bulk earthworks and de-watered groundwater both treated with chemical flocculants, to land, the stormwater network or directly to water related to the construction of the Omāroro Reservoir.</p> <p>[35010]: Land use consent to undertake earthworks of an area of more than 3,000 m², including to excavate land that may intercept groundwater (bore), required to construct the Omāroro Reservoir.</p>	
Location	Prince of Wales Park, Mount Cook, Wellington at or about map reference NZTM 1748275.5425827	
Legal description of land	Part Lot 2 DP 10337	
Conditions	1-45 as attached	

For and on behalf of
WELLINGTON REGIONAL COUNCIL

.....
Team Leader, Environmental Regulation

16 February 2018
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 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 WGN180065 [35008], [35009], [35010]

These conditions are proposed to be applied to all:

WGN180065 [35008]: Water Permit to take and use groundwater for the purposes of dewatering excavations, dust suppression and other purposes related to the construction of the Omāroro Reservoir.

WGN180065 [35009]: Discharge Permit to discharge stormwater runoff from areas of bulk earthworks and de-watered groundwater both treated with chemical flocculants, to land, the stormwater network or directly to water related to the construction of the Omāroro Reservoir.

WGN180065 [35010]: Land use consent to undertake earthworks of an area of more than 3,000 m², including to excavate land that may intercept groundwater (bore), required to construct the Omāroro Reservoir.

INTERPRETATION

Wherever used in the conditions below, the following definitions, abbreviations, acronyms and terms shall have the prescribed meaning:

AEE - Assessment of Environmental Effects

CEMP - Construction Environmental Management Plan

ESCP - Erosion and Sediment Control Plan

FMP – Flocculation Management Plan

GWRC - Greater Wellington Regional Council, including any officer of Greater Wellington Regional Council

Manager - The Manager, Environment Regulation, Greater Wellington Regional Council

PFMP - Playing Fields Management Plan

SQEP – Suitably qualified and experienced person

Stabilised - 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 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, an 80% vegetative cover has been established.

Working day - Has the same meaning as under Section 2 of the Resource Management Act 1991

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 18 September 2017 and updated timeframes/staging information received on 11 October 2017.

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. This consent shall lapse in ten years from commencement unless given effect to prior to that date.



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Pre-construction requirements

3. The Manager shall be given a minimum of two working days (48 hours) notice prior to the works commencing.

Note: Notifications can be emailed to notifications@gw.govt.nz. Please include the consent reference WGN180065 and the name and phone number of a contact person responsible for the proposed works.

4. 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 undertaking the works authorised by this consent, prior to the works commencing.

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

5. 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.

6. The consent holder shall arrange and conduct a **pre-construction site meeting** prior to any work authorised by this consent commencing on site and invite, with a minimum of 10 working days' notice, the Greater Wellington Regional Council and all contractor(s) 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.

7. The consent holder shall submit a final **Construction Environmental Management Plan (CEMP)** for approval by the Manager at least 20 working days prior to any works starting onsite. The CEMP shall include, but not be limited to, the following details to ensure compliance with all conditions of this consent:

- a) Responsibilities and contact details of all parties involved with the works, including for public enquiries;
- b) A detailed construction methodology for each stage/phase of works, including:
 - i. The proposed methodology, options and process for the take, use and discharge of water related to the dewatering activities;
 - ii. Confirmation of playing fields use and/or raising of levels i.e. a 'Playing Fields Management Plan'; and
 - iii. Details of enhancement of riparian vegetation along all waterways within the site area;
- c) A timetable including staging, timeframes and duration for the works in each stage/phase of works; and
- d) Confirmation of how the consent holder will achieve full compliance with all conditions of the consent and the responsible parties and contact persons, including:
 - i. Methodology and proposed trigger limits for water quality monitoring of the discharges;
 - ii. Procedures for environmental auditing, monitoring and reporting;
 - iii. Procedures (immediate and subsequent) to be undertaken in the event of a spill of oil or other hazardous substances occurring; and
 - iv. Management of complaints and incidents

The consent holder shall not commence works as authorised by this consent until the CEMP has been approved in writing by the Manager. Works shall be undertaken in accordance with the approved CEMP.

Any amendment to the approved CEMP shall be submitted in writing for certification by the Manager at least 15 working days prior to implementing any amendment. Implementation of any amendment shall only occur if the amendment is to the satisfaction of the Manager.

8. The consent holder shall prepare, in consultation with the contractor(s) and engineer(s) undertaking the works, a final **Erosion and Sediment Control Plan (ESCP)**. The ESCP shall be submitted to the Manager for approval at least 20 working days prior to any works starting onsite.



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The final ESCP shall as a minimum be prepared in general accordance with the current *Erosion and Sediment Control Guidelines for the Wellington Region*, and shall include, but not be limited to, the following:

- a) Identification of appropriately experienced staff responsible for the implementation, operation, management and maintenance of all erosion and sediment control structures, including their roles, responsibilities and contact details;
- b) A detailed description of the works proposed, construction methodology and timetable;
- c) Details of all principles, procedures and practices that will be implemented to undertake erosion and sediment control and minimise the potential for the discharge of sediment-laden water from the site;
- d) The design criteria and dimensions of all erosion and sediment control measures and devices;
- e) Plan(s) of an appropriate scale clearly identifying:
 - i. The locations of waterways and stormwater drains;
 - ii. Staging sequence of erosion and sediment control measures and devices;
 - iii. Areas and cross sections of cut and fill and the inclusion of staged stripping of vegetation and cutting to ensure erosion and sediment control measures and devices are not overloaded;
 - iv. The extent of soil disturbance and vegetation removal;
 - v. Any “no go” and/or buffer areas to be maintained undisturbed, including minimum buffer strips of riparian vegetation to be retained;
 - vi. Locations of all stockpiles, stabilised access roads and stabilised construction entrances;
 - vii. All erosion and sediment control measures, including diversion channels;
 - viii. The boundaries and area of catchments contributing to all stormwater impoundment structures;
 - ix. The locations of all specific points of discharge to the environment, including to the stormwater network;
 - x. Civil infrastructure to be constructed in relation to completed bulk earthworks areas; and
 - xi. Any other relevant site information;
- f) Timetable and nature of progressive site rehabilitation and re-vegetation proposed;
- g) Maintenance, monitoring and reporting procedures and frequency;
- h) Rainfall response and contingency measures including procedures to minimise adverse effects in the event of extreme rainfall events and/or the failure of any key erosion and sediment control measures or devices;
- i) Procedures and timing for review and/or amendment to the ESCP;
- j) Decommissioning methodology for all erosion and sediment control measures and devices including the procedure for obtaining the Manager’s prior approval;
- k) Procedures for re-instating erosion and sediment control measures and devices at the end of each working day, where applicable; and
- l) Reasons for any variance to the current *Erosion and Sediment Control Guidelines for the Wellington Region*.

The ESCP shall be to the satisfaction of the Manager prior to any works authorised by this consent commencing. Construction shall not commence until the consent holder has received the Manager’s written certification of the ESCP.

Any amendments proposed to the approved ESCP shall be confirmed in writing by the consent holder and be to the satisfaction of the Manager, prior to the implementation of any amendments proposed.



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9. At least 20 working days prior to the commencement of works on site, the consent holder shall submit a **phase-specific ESCP** to the Manager for certification. The phase-specific ESCP shall be consistent with the final ESCP submitted in accordance with condition (8).

Where a minor change to a phase-specific ESCP is required, the consent holder shall notify the Manager in writing within two working days of implementing the change. For the purposes of this condition, a minor change includes:

- a) Implementation or repositioning of silt fences and super silt fences;
- b) Implementing or repositioning of diversion bunds, check dams, or inlet protection; and
- c) Any other minor changes as defined in the ESCP or as otherwise agreed with the Manager

Note: The first phase-specific ESCP may be submitted to the Manager for approval at the same time as the final ESCP required by condition (8) of this consent.

10. The consent holder shall prepare, in consultation with a suitably qualified and experienced flocculant professional, a final **Flocculation Management Plan (FMP)**. The FMP shall be submitted to the Manager for approval at least 20 working days prior to the commencement of earthworks.

The FMP shall include, but not be limited to:

- a) Confirmation of the flocculant to be used and the dosing method of flocculation to be used;
- b) Details of how the flocculation dosage will be triggered;
- c) Confirmation of the constructed shape and size of the SRP(s) and demonstration that the SRP(s) size and shape is appropriate for the relevant catchment;
- d) Confirmation of the optimum dosage rate calculated from the soils in the ponds catchment, including calculation details and bench testing results;
- e) An assessment of alternative flocculants and dosing methods and an explanation as to why the flocculant system was chosen, including discussion on ensuring accurate dosing/reducing overdosing, automated systems, flow-activated dosing, theoretical SRP volume/rain-activated dosing;
- f) Procedures for changing the flocculant method if the proposed method is found to be ineffective after use onsite (including timeframes for making the change between methods);
- g) Location plan and procedures for the storage of flocculation chemical(s) onsite;
- h) A flocculation chemical spill contingency plan including onsite roles and responsibilities;
- i) Identification of pH, dissolved aluminium, NTU and/or TSS trigger levels and procedures to be undertaken if the trigger levels are exceeded;
- j) Details of the monitoring programme in accordance with conditions (35) to (38) including location of water quality monitoring points, frequency of monitoring, reporting of results, and testing of the following parameters:
 - i. pH
 - ii. Temperature (°C)
 - iii. Turbidity (NTU)
 - iv. Dissolved aluminium (g/m³) if PAC to be used; and
 - v. Suspended solids (g/m³)
- k) Details of rainfall event based monitoring in accordance with condition (35);



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- l) Methods, roles and responsibilities for monitoring and maintenance of the flocculation system by the onsite contractor(s) and engineer(s) including contact details of the relevant persons;
- m) Identification of a SQEP and their specific responsibilities for ensuring the operation, monitoring and maintenance of the chemical flocculation system to ensure that it is operating as outlined in the FMP; and
- n) A plan for the decommissioning of flocculated sediment retention ponds.

Use of flocculant on site shall not commence prior to receiving written confirmation that the FMP is to the satisfaction of the Manager.

Note 1: There shall only be one point of inflow to a SRP and that must be via the dirty water diversion which conveys flows to the SRP.

Note 2: For large multi-stage projects FMP's must be reviewed prior to commencing each new stage or as a minimum on a seasonal 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.

11. Prior to the commencement of works for each stage/phase of works, other than those required to establish erosion and sediment control measures which have firstly been agreed to by the Manager, a suitably experienced sediment control practitioner shall inspect the area to certify that the erosion and sediment controls have been constructed in accordance with the ESCP and the FMP approved under conditions (8) and (10) respectively of this consent, and the current version (at the time of submission of the ESCP) of the *Erosion and Sediment Control Guidelines for the Wellington Region* as a minimum standard.

Certification shall include, but not be limited to, the following:

- a) Contributing catchments, dimensions and storage volumes of sediment retention ponds, decanting earth bunds, silt fences and diversion channels/bunds as applicable;
- b) As-built plans of the key erosion and sediment controls measures; and
- c) Any other details that will facilitate assessment of compliance with the authorised ESCP, authorised FMP and the current *Erosion and Sediment Control Guidelines for the Wellington Region*.

Note: The consent holder is advised to complete the sediment control device as-built check sheets available on the Greater Wellington Regional Council's website

<http://www.gw.govt.nz/assets/OurEnvironment/Land%20and%20soil/Earthworks-page-As-builtCertificationSheet.pdf> and to submit these with the certification required under this condition.

The certificate shall be submitted within 5 working days of completing the audit and to the satisfaction of the Manager. The works shall not commence until the written certification has been submitted to the Manager and the contractor(s) has been advised by the suitable experienced sediment control practitioner that the measures have been constructed in accordance with the ESCP and FMP.

Winter works

- 12. No works shall take place on site during the period of 1 June to 30 September inclusive each year unless approved by the Manager.
- 13. All earthworked areas shall be stabilised during the period between 1 June to 30 September inclusive each year unless a later date is approved in writing by the Manager.



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Erosion and sediment control activities

14. All erosion and sediment control measures and devices shall as a minimum be installed, operated and maintained in accordance with the latest version of the *Erosion and Sediment Control Guidelines for the Wellington Region (September 2002)* and the approved CEMP required by condition (7), ESCP required by condition (8) and FMP required by condition (10) of this permit.
15. All erosion and sediment control measures and devices shall remain the responsibility of the consent holder. No erosion or sediment control measures or devices shall be removed prior to the applicant receiving written confirmation that the relevant stage/phase area is stabilised to the satisfaction of the Manager in accordance with condition (24) of this consent.
16. The consent holder shall ensure that all sediment retention ponds within the site are chemically flocculated from the time the ponds are operational until the ponds are decommissioned. The exception is if flocculation dosing is temporarily stopped due to monitoring results in accordance with condition (38) of this consent.
17. The consent holder shall ensure that all stormwater contaminated with sediment discharged from the site is treated by erosion and sediment control measures as detailed in the approved ESCP required by condition (8) of this permit.
18. Grit traps shall only be used as a secondary (interim) control to the primary devices of the sediment retention ponds. Silt fencing shall only be used where runoff cannot practically be directed to a primary control for treatment.
19. The consent holder shall ensure that prior to the completion of operations each working day that all necessary erosion and sediment control measures are reinstated as detailed in the approved ESCP required by condition (8) of this permit.

Discharge activities

20. The consent holder shall take all practicable steps to minimise sediment loading and increased turbidity of any waterbody due to the works, including by:
 - a) Ensuring all stormwater and water discharged from the dewatering activities is directed to the appropriate erosion and sediment control measure or device prior to discharge;
 - b) Maximising the buffer of established riparian vegetation retained between the works and any waterway;
 - c) Completing all works in the minimum time practicable; and
 - d) Minimising the area of disturbance at all times.
21. Notwithstanding the requirements of any other conditions of this consent, the consent holder shall ensure that, after a reasonable mixing zone, discharges from the site shall not give rise to any of the following effects in any receiving waterbody:
 - a) The production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials; or
 - b) Any conspicuous change in the colour or visual clarity; or
 - c) Any emission of objectionable odour; or
 - d) The rendering of fresh water unsuitable for consumption by farm animals; or
 - e) Any significant adverse effects on aquatic life.



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Note: For the purposes of this condition, the end zone of reasonable mixing is defined as a point 50 metres downstream from any point of discharge to a waterbody.

22. The consent holder shall ensure that discharges to surface water bodies undertaken in accordance with this consent are carried out in a manner that does not cause erosion, scour or instability of the affected stream bed or banks. Any erosion, scour or instability of the stream bed or banks that is attributable to the works shall be remedied by the consent holder within a timeframe as specified by the Manager.

Bulk earthwork activities

23. The maximum area of disturbance at any one time shall not exceed the calculated capacity of the sediment treatment device required by the ESCP for that stage/phase of works as approved under condition (9).

24. The consent holder shall:

- a) Progressively stabilise any disturbed areas as they complete each earthworks stage/phase of work to minimise sediment runoff. The progressive stabilisation shall be to the satisfaction of the Manager.
- b) Ensure that a method of stabilisation (e.g. hydroseeding) is applied to each disturbed area within two weeks of completion of the cut or fill works. All stabilisation methods shall be effective within one month of being applied or after a longer period if agreed in writing by the Manager.
- c) Ensure that each stage of bulk earthworks shall be stabilised before any further stages are undertaken, unless otherwise authorised in writing by the Manager.

25. All fill material used on site shall:

- a) Be restricted to natural material, such as clay, soil and rock and other inert materials as detailed in the definition of cleanfill material in section 2.2 of the Ministry for the Environment publication A guide to the Management of Cleanfills, 2002; and
- b) Be restricted to those materials listed as acceptable in table 4.1 of the Ministry for the Environment publication A guide to the Management of Cleanfills, 2002.

26. 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.

27. In the event of a spill of fuel, hydraulic fluid, or other potential liquid contaminants, immediate steps shall be taken to contain the spilt contaminant. The spilt contaminants and any materials used to contain it shall be removed from the site and disposed of at an authorised landfill. The consent holder shall also immediately notify the Manager of the spill and actions taken.

28. 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 Inc. 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.

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 1: Notification should be emailed to

- Greater Wellington Regional Council notifications@gw.govt.nz



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- 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 should also be contacted by phone on 04 472 4341 (National Office).

Note 2: Evidence of archaeological material may include burnt stones, charcoal, rubbish heaps, shell, bone, old building foundations, artefacts and human burials.

Dewatering activities

29. The consent holder shall undertake the proposed dewatering of the reservoir excavation site and associated discharges from the reservoir excavation site in accordance with the methodologies described in the final CEMP to be submitted to the Manager for approval in accordance with condition (7).

No amendments to the methodology shall be made until the consent holder has received written approval that the amendments are approved to the satisfaction of the Manager.

30. For the period of time when water is extracted from the reservoir excavation site, the consent holder shall record:
- a) The pump rate;
 - b) The date and time of each pumping commencement and completion; and
 - c) Any change in the pump rate.

This record shall be maintained at the site and shall be made available to any officer of the Greater Wellington Regional Council upon request. The record shall be submitted to the Manager at the end of each calendar month.

31. In the event of the visible flow of any surface water body near the dewatered excavation site being depleted by the dewatering activity, the consent holder shall:
- a) Immediately cease the dewatering activity; and
 - b) Notify and liaise with Greater Wellington Regional Council to establish what actions should be undertaken and when the take can recommence.

No dewatering may recommence until the consent holder has received written notification that the actions established under (b) are approved to the satisfaction of the Manager.

32. The Manager shall be notified within two working days (48 hours) when the reservoir excavation site has been sealed and water is no longer being taken, treated and discharged from the excavation.

Note 1: Notifications can be emailed to notifications@gw.govt.nz. Please include the consent reference WGN180065 and the name and phone number of a contact person responsible for the works.

Note 2: Sealing of the excavated reservoir area is defined as the installation of a permanent slab and sealing of the walls to significantly reduce or prevent groundwater inflows into the reservoir area.



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Site auditing requirements

33. The consent holder shall ensure that the site is audited by a suitably qualified and experienced person on a minimum of:

- A weekly basis, and
- After a rainfall event of greater than 20mm in a 24 hour period, or 7mm in a one hour period, as measured at the Greater Wellington Regional Council's 'Newtown at Mansfield Street' rainfall monitoring site, or
- At a longer frequency to the satisfaction of the Manager

The audits are to ensure that the erosion and sediment control methods are being maintained in accordance with the approved final ESCP referred to in condition (8) and the relevant phase-specific ESCP referred to in condition (9).

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

- a) Date;
- b) Name of auditor;
- c) Site condition;
- d) Weather conditions;
- e) Sediment management (including identification of problem areas that are not being treated by sediment control measures, and any measures put in place to treat these areas);
- f) Runoff control (check of diversion channels and check sediment retention pond);
- g) Condition and effectiveness of erosion and sediment control measures and devices, including silt fences, contour drains and sediment retention ponds;
- h) Maintenance required and the date this will be completed by;
- i) Contractor responsible for the maintenance; and
- j) General comments.

Note: Audits will be required while any area is being cleared of vegetation and soil, or earthworked. Once an area has been stabilised in accordance with condition (24) and there are no works occurring on site, the audits for this condition are no longer required.

34. The results of the audits as required by condition (33) shall be submitted to the Manager no later than five working days following the audit.

Rainfall and flocculation monitoring of SRP

35. The consent holder shall sample and record the following parameters for each chemically-treated sediment retention pond (SRP) at the stated locations, as soon as practicable within daylight hours after a rainfall event of greater than 7mm in 1 hour or 20mm in a 24 hour period as measured at the Greater Wellington Regional Council's 'Newtown at Mansfield Street' rainfall monitoring site.



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Parameter	Location within each SRP				At the reasonable mixing zone
	Inflow	Forebay	Pond	Outlet	
pH	✓	✓	✓	✓	✓
Temperature (°C)			✓		✓
Turbidity (NTU)		✓	✓	✓	✓
Suspended solids (g/m ³)		✓	✓	✓	✓
Dissolved aluminium (g/m ³)			✓	✓	✓

Note 1: The consent holder is only required to undertake outlet monitoring if the SRP is discharging.

Note 2: Dissolved aluminium only needs to be sampled for monitoring if the flocculant Poly-aluminium Chloride (PAC) is being used to treat the SRP(s).

36. In addition to the monitoring undertaken in accordance with condition (35), the consent holder shall arrange for **weekly** site visits to be undertaken by an independent flocculation specialist who shall sample and record the following parameters for each chemically-treated SRP at the stated locations:

Parameter	Location within each SRP				At the reasonable mixing zone
	Inflow	Forebay	Pond	Outlet	
pH		✓	✓	✓	
Temperature (°C)			✓		
Turbidity (NTU)				✓	
Suspended solids (g/m ³)				✓	
Dissolved aluminium (g/m ³)			✓	✓	✓

Note: Dissolved aluminium only needs to be sampled for monitoring if the flocculant Poly-aluminium Chloride (PAC) is being used to treat the SRP(s).

Note: The consent holder is only required to undertake in-stream monitoring at the reasonable mixing zone and monitoring at the SRP outlets if the SR's are discharging.

37. The results of the monitoring undertaken in accordance with conditions (35) and (36) shall be submitted to the Manager within two working days (48 hours) of the date the sampling is undertaken.
38. Should any monitoring results required under conditions (35) or (36) indicate that the pH of any chemically-treated SRP outflow is at or below 5.5, and/or the dissolved aluminium levels increase above 0.087 mg/L, the dosing of that SRP with flocculant shall cease immediately and the SRP decants raised.

In this event, the Manager shall be notified immediately and the consent holder shall liaise with the Manager on an appropriate course of action.

Note: This condition is only relevant if the SRP(s) is to be treated with PAC.

39. The consent holder's requirements under conditions (35) to (38) shall cease when the catchment has been completely stabilised and the SRP(s) decommissioned in accordance with the conditions of this consent, or with the written authorisation of the Manager.

Complaints and incidents

40. The consent holder shall maintain a written record of any complaints received alleging adverse effects from or related to the exercise of this consent, for the duration of works authorised by this consent. This record shall include:



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- a) The name and address (as far as practicable) of the complainant;
- b) Identification of the nature of the matter complained about;
- c) Date and time of the complaint and of the alleged event;
- d) Weather conditions at the time of the complaint (as far as practicable);
- e) Steps taken to investigate the issue which caused the complaint; and
- f) Steps taken to address the issue which caused the complaint.

Complaints received shall be forwarded to the Manager within 24 hours of receiving the complaint.

41. The consent holder shall notify the Greater Wellington Regional Council immediately if any contaminants (including sediment) are released from the site and enter any watercourse, due to any of the following:
- a) Discharges from unstabilised areas that are not treated by sediment control measures or devices required under this consent;
 - b) Failure of any erosion and sediment control measure or device;
 - c) Discharge of a hazardous substance, including fuel or cement; or
 - d) Any other incident which either directly or indirectly causes, or is likely to cause, adverse ecological effects in the receiving environment.

Note 1: The Wellington Regional Council may also investigate any incidents to determine if a breach of this consent or the Resource Management Act 1991 has occurred and may also undertake enforcement action depending on the circumstances.

Note 2: Notifications can be emailed to notifications@gw.govt.nz and/or to GWRC's Environment hotline 0800 496 734. Please include the consent reference WGN180065 and the name and phone number of a contact person responsible for the works.

42. If any of the incidents specified in condition (41) occur, the consent holder shall:
- a) Establish control measures, where these have failed or have not been implemented in accordance with the relevant management plan, as soon as practicable;
 - b) Liaise with the Manager to establish what remediation or rehabilitation is required and whether such remediation or rehabilitation is practical to implement; and
 - c) Carry out any remedial action as required by and to the satisfaction of the Manager.
43. The consent holder shall maintain a permanent record of any incidents that occur on the site which result, or could result, in any adverse effects on the environment (air, water, soil) beyond the boundary of the site. The record shall include:
- a) Date and time of the incident;
 - b) The type and nature of the incident and the cause of the release of contaminants;
 - a) Weather conditions at the time of the incident (as far as practicable);
 - b) Measures taken to remedy the effects of the incident; and
 - c) Measures put in place to prevent the incident from re-occurring.



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- d) This record shall be maintained at the work site, shall be made available to officers of the Wellington Regional Council (upon request), and shall be forwarded to the Manager (if requested) within seven working days of the incident occurring.

Review condition

44. 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:
- 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 the 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 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.

45. 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.

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



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