

Resource Consent

RESOURCE MANAGEMENT ACT 1991

Summary of decision

Consent No.	WGN240245
Consent ID(s)	[39577] Land use – bore
Name	Wellington Water Limited
Address	Private Bag 39804, Wellington Mail Centre. Petone 5045
Duration of consent	Granted in perpetuity from: 30 August 2024 Lapses: 30 August 2026 (if consent not given effect to)
Purpose for which consent(s) is granted	To construct geotechnical investigation boreholes (BQ32/1191, BQ32/1192, BQ32/1196, BQ32/1198, BQ32/1200, BQ32/1201, BQ32/1202, BQ32/1203, BQ32/1204, BQ32/1205, BQ32/1206, BQ32/1207), water investigation wells (BQ32/1188, BQ32/1189, BQ32/1190) and cone penetration tests (CPTs) (BQ32/1193, BQ32/1194, BQ32/1195, BQ32/1197, BQ32/1199) associated with Stage 2 of the Gear Island and Waterloo Wells Replacement Project in Woburn, Lower Hutt.
Location, bore details, legal description of land	The bores will be constructed and maintained at various sites in Woburn, Lower Hutt. Please refer to the information contained in the table below.
Conditions	See below

Site name and location	NZTM reference	Bore number	Bore depth	Legal description
Water investigation well 01 (provisional)	1759754. 5435669	BQ32/1188	Max 50m	In the Hutt Recreation Ground near 62 Laings Road
Water Investigation Well 03	1759904. 5435300	BQ32/1189	Max 50m	In the berm of Massey Avenue near the intersection of Ludlam Crescent and Penrose Street
Water Investigation Well 04 (provisional)	1759947. 5435550	BQ32/1190	Max 50m	In Hautana Square
BH01	1759796. 5435603	BQ32/1191	Max 20m	In the centre median of Laings Road opposite 18 Laings Road.

Site name and location	NZTM reference	Bore number	Bore depth	Legal description
BH02	1759785. 5435450	BQ32/1192	Max 20m	In the centre median of Bellevue Road opposite 1 Hautana Square.
CPT01 (provisional)	1759790. 5435521	BQ32/1193	Max 20m	In the centre median of Bellevue Road opposite 8 Bellevue Road
CPT02 (provisional)	1759801. 5435437 (1759803. 5435429)	BQ32/1194	Max 20m	In the northern shoulder of Hautana Square opposite 1 Hautana Square. An alternate location is located on the southern shoulder of Hautana Square opposite 1 Hautana Square
CPT03 (provisional)	1759891. 5435470	BQ32/1195	Max 20m	In the parking bay of Hautana Square opposite 8 Hautana Square
BH03	1759920. 5435546	BQ32/1196	Max 20m	In the eastern berm of Hautana Square opposite 25 Hautana Square
CPT04 (provisional)	1759936. 5435661	BQ32/1197	Max 20m	In the eastern footpath of Hautana Square outside 40 Hautana Street
BH05	1759990. 5435725	BQ32/1198	Max 20m	In the centre of Hautana Street outside 49 Hautana Street
CPT05 (provisional)	1760027. 5435753	BQ32/1199	Max 20m	In the southern berm of Hautana Street outside of 54 Hautana Street
BH06	1760078. 5435804	BQ32/1200	Max 20m	In the parking bay of Hautana Street outside of 64 Hautana Street
BH07	1760218. 5435935 (1760237. 5435947 Berm) (1760219. 5435946 C/way)	BQ32/1201	Max 20m	In the road carriageway of Hautana Street outside of 90 Hautana Street. Two alternate locations are indicated nearby in the berm and carriageway
BH08 (provisional)	1759917. 5435338 (1759920. 5435352)	BQ32/1202	Max 20m	In the road carriageway of Penrose Street outside of 2 Penrose Street. Alternate location in the footpath outside 3 Penrose Street
BH09	1760086. 5435469	BQ32/1203	Max 20m	In the road carriageway of Penrose Street outside 24 Totara Crescent.
BH10	1760196. 5435611	BQ32/1204	Max 20m	In the berm of Penrose Street outside 42 Penrose Street
BH11 (provisional)	1760211. 5435677	BQ32/1205	Max 20m	In the road carriageway of Penrose Street opposite 55 Penrose Street.
BH12	1760295. 5435822	BQ32/1206	Max 20m	In the road carriageway of Penrose Street outside 76 Penrose Street
BH13	1760344. 5435882	BQ32/1207	Max 20m	In the berm of Penrose Street outside 86 Penrose Street

Decision recommended by:	7(2)(a)	Resource Advisor, Environmental Regulation	7(2)(a)
Decision peer reviewed by:		Resource Advisor, Environmental Regulation	
Decision approved by:		Team Leader, Environmental Regulation	

Processing timeframes:

Application lodged:	03/05/24	Application officially received:	03/05/24
Application stopped:	17/05/24	Application started:	20/05/24
Applicant to be notified of decision by:	30/08/24	Applicant notified of decision on:	30/08/24
Time taken to process application:	24 working days		

The applicant provided written agreement ([WGN240245 - s37 extensions of timeframe.msg](#)) on 26 August 2024 for an extension of timeframes under s37(1) to process the application. The extension is for 4 working days under section s37A(4) of the Act.

The reason for the extension is:

- Delays due to illness in the team for reviewing the officer's report and approval.

In making this decision the 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 Wellington Regional 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:	7(2)(a)	Team Leader or Senior Resource Advisor, Environmental Regulation	7(2)(a)
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Consent conditions

Interpretation

Notification or notice means email of notification to notifications@gw.govt.nz. Please include the consent reference number (WGN240245) and the name and phone number of a contact person responsible for the proposed works.

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

General conditions

1. The location, design, implementation and operation of the boreholes, water investigation wells and cone penetration tests (hereafter referred to as “bores, wells and tests”) shall be in general accordance with the resource consent application and its associated plans and documents lodged with the Wellington Regional Council on 3 May 2024 and further information submitted on:
 - 16 May 2024 (NZTM reference coordinates for water investigation wells, geotechnical boreholes and CPTs)
 - 15 July 2024 (revised form 6b(i) bore construction specifications)
 - 18 July 2024 (confirmation of drilling and dual casing methodology)

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. Any bores/wells constructed under this permit must not be screened in more than one aquifer.
3. To ensure that the bores, wells and tests meet the Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001) and are appropriately sealed, all bores, wells and tests shall be constructed with double casing from the ground surface.

Note: Given drilling is located within the SPZ1: Borefield Protection Area and SPZ2a Negative Hydraulic Gradient Area, meaning that the aquitard and aquifer are considered more vulnerable in these areas, dual casing must be employed from the ground surface rather than the top of PMB aquitard for all drilling and construction of water investigation wells, geotechnical boreholes and CPTs.

4. The consent holder may construct up to 12 geotechnical investigation bores, 5 CPTs and 3 water investigation wells to a maximum depth of 20m (geotechnical investigation boreholes and CPTs), and 50m (water investigation wells). The consent holder may make a request in writing to drill further bores, wells and tests; or drill deeper than 20m for geotechnical bores and CPTs and 50m for water investigation wells. The consent holder may only drill further bores, wells and tests; or drill deeper than 20m for geotechnical bores and CPTs and 50m for water investigation wells if they receive written notification that the request is approved by **the Manager**.
5. Prior to construction, the driller who will undertake the works must attend the WWL Network Management Group (NMG) weekly planning meeting to inform them of their upcoming work and schedule it alongside other parallel works. The consent holder must notify **the Manager**, of attendance of WWL NMG planning meetings.

Note: Notification shall be sent to notifications@gw.govt.nz. Please include the consent reference (WGN240245), date of the meeting and the name and phone number of the contact person who attended the meeting.

6. The consent holder shall notify **the Manager** and Wellington Water Limited in the following circumstances:
- Twenty-eight (28) days advanced notice of the intention to undertake works authorised by this consent, each time this consent is exercised to **the Manager** and Wellington Water Limited.
 - Immediately in the event that the aquitard is breached

Notifications must be to:

- Greater Wellington Regional Council via email to notifications@gw.govt.nz; and
- Wellington Water Limited via email to GW_Borenotions@wellingtonwater.co.nz and via phone to 021 223 8229.

Notifications must include:

- The consent reference WGN240245; and
- The name and phone number of a contact person responsible for the proposed works; and
- The location of works; and
- The maximum consented depth of the bore

Note: This condition applies each time this consent is exercised.

Pre-construction conditions

7. Prior to the bores, wells and tests being constructed, the consent holder shall ensure that the driller who will undertake the works has a copy of this consent and a Well Drillers' Bore Log Form for completion.

Note: The Well Drillers' Bore Log Form was sent to you with a copy of this consent. If you require another copy, it can be downloaded from our website at <http://www.gw.govt.nz/Forms/>.

8. At the start of each day prior to any drilling taking place, the driller shall inform the duty controller at the Waterloo Water Treatment Plant of their intended activity.

Construction conditions

9. The bores, wells and tests shall be constructed and maintained in accordance with the New Zealand Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001). This includes but is not limited to the following clauses and standards:

- i. The observation plug, installed in accordance with clause 2.5.5.7, shall have a diameter of at least 19mm.

*Note 1: **Free flowing artesian bores**, bores/wells with **surface/suction lift pump systems**, and bores/wells that only **partially penetrate the saturated thickness of any unconfined aquifer**, may not be adequate to access the groundwater resource in the future. Please note that if your bore/well is not appropriately constructed and developed (as outlined above), you may not be considered an affected party if there is any further development of the groundwater resource in the future.*

10. The consent holder shall ensure that a suitably qualified and experienced geologist experienced in the physical identification of geological strata in the Lower Hutt Groundwater Zone is present on-site to supervise all drilling that exceeds 5m below the natural ground level.

Note: The purpose of having a geologist on-site is to provide additional confidence that unexpected or ambiguous geological conditions will be interpreted and responded to immediately.

11. If the consent holder receives a notification from the Greater Wellington Regional Council that increased turbidity has been observed at a bore operated by Wellington Water Limited for public water supply, the consent holder will cease works immediately. The consent holder may only recommence works upon the receipt of written confirmation from **the Manager**.

Note: Wellington Water Limited will monitor turbidity of groundwater at their production bores during the works period. Wellington Water Limited will advise the Greater Wellington Regional Council and the consent holder in the event that increased turbidity is observed.

12. If the consent holder drills into the aquitard, the section of the bore, well or test within the aquitard must be filled and sealed with a bentonite clay plug, prior to backfilling.

13. The consent holder shall ensure that the drilling equipment is cleaned between each site with Decon90 detergent/disinfectant.

Note: The purpose of this requirement is to avoid contamination by way of iron-fouling bacteria.

14. The static groundwater level shall be measured, including the depth at which the measurement was made, and recorded for all aquifers encountered during drilling to the certification of **the Manager**. Records of groundwater level shall be forwarded to **the Manager** within one month of the bore being drilled.

Note: Records should be sent to notifications@gw.govt.nz. Please include the consent reference (WGN240245) and the name and phone number of a contact person responsible for the results.

Post construction conditions

15. Within one month after drilling, the consent holder shall submit to **the Manager**:

- A copy of the bore/well Drillers' Log form as completed by the driller who constructed the bore/well. The form shall identify the wells number (see bore numbers on the front page) and be completed to the satisfaction of **the Manager**.
- Photos of the completed bores/wells/tests, which demonstrate that the bores/wells/tests have been constructed as outlined in the resource consent application and meet the NZ Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001). The photographs shall demonstrate compliance with the conditions of this consent and be to the satisfaction of **the Manager**.

The photos must show the well head including the concrete apron, well cap, groundwater sampling point and backflow preventer(s). The photos must show that the bore cap is secure, protected from vandalism and there is an adequate concrete apron.

Note 1: Completed Well Drillers' Bore Log Forms should be scanned and sent to notifications@gw.govt.nz. Please include the consent reference (WGN240245) and the name and phone number of a contact person responsible for the Well Drillers' Bore Log Form.

Note 2: If the Well Drillers' Bore Log Form is not submitted in accordance with this condition, an advisory notice will most likely be issued. Additional charges apply for the issuing of any advisory notice.

Note 3: Well Drillers' Bore Log Forms must be completed for bores and other geotechnical tests.

Note 4: Photographic records, i.e., electronic picture files from digital cameras should be emailed to notifications@gw.govt.nz. Please include the consent reference (WGN240245), date and time photographs were taken and a description of the site location (e.g., map reference, address). Please also include the name and phone number of a contact person responsible for the photographs.

16. If requested in writing by **the Manager**, the consent holder shall make their groundwater monitoring bores available for the monitoring of water levels and water quality.

Note: The Wellington Regional Council may need to install automatic recorder equipment at times. All cables should be secured against the rising main to ensure the water level can be measured without hindrance.

17. The consent holder shall forward the results of any water quality and level analyses of the bore/well waters (carried out at the time of the well's construction or post construction) to **the Manager**, within one month of samples being analysed.

Note: The results of any water quality analyses and/or monitoring should be sent to notifications@gw.govt.nz. Please include the consent reference (WGN240245) and the name and phone number of a contact person responsible for the results.

18. In the event of the boreholes, wells and tests being decommissioned or abandoned (i.e. boreholes surplus to requirement or testing complete) every borehole, well and test must be backfilled in accordance with clause 2.7 of the New Zealand Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001).

- The material used to backfill the boreholes, wells and tests other than the exposed aquitard interval shall consist of non-toxic material and be restricted to natural materials such as clean gravels, and sand.
- The consent holder must ensure that the bores, wells and tests are filled and sealed with bentonite (only) over the entire exposed aquitard interval to preserve the integrity of the aquitard. The method for doing this must be to use a tremie pipe and fill from the base up.

Notes, comments, and recommendations

- a) If koiwi, taonga, wāhi 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 and Te Rūnanga o Toa Rangatira Inc and Heritage New Zealand as soon as possible but within 24 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, reception@portnicholson.org.nz
- Te Rūnanga o Toa Rangatira Inc, resource.consents@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 certification of the Manager, Environmental Regulation.

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

Note: Records can be emailed to notifications@gw.govt.nz. Please include the consent reference WGN240245 and a contact name and phone number of the person responsible for the works.

- b) 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.
- c) Copies of the Environmental Standard for Drilling of Soil and Rock (NZS 4411:2001) can be obtained from Standards New Zealand (www.standards.co.nz). Note in particular that these standards specify that the bore/well headworks shall be constructed and maintained to prevent leakage of groundwater to waste, and to prevent foreign material, surface water, spillage or other leakage entering the bore/well.
- d) If you want to alter your bore/well (e.g., deepening or re-screening a bore) please consult with Environmental Regulation, Wellington Regional Council. Following consultation, you may be required to lodge an application for either a new consent or a variation to your existing consent.

Reasons for decision report

1. Reasons for resource consent

The applicant has proposed to drill and construct three investigation water supply wells, 12 geotechnical investigation boreholes and five Cone Penetration Tests (CPTs). The purpose of these investigations is to provide information and data for the eventual installation of two new permanent water supply wells and associated pipelines as part of the Gear Island and Waterloo Well Replacement project in the Hutt Valley

The proposed activities are in different locations within the Hutt Aquifer Protection Area and Lower Hutt Groundwater Community Drinking Water Supply Protection Area (Schedule M2 of the Natural Resources Plan). Four drilling locations are within Wellington Water’s SPZ1 (Source Protection Zone 1) bore head protection zone. Sixteen drilling locations are located within a SPZ2 bore head protection zone (see figure 1). Due to the depth of the test holes exceeding 5m below ground level within these areas, consent is required.

The proposed geotechnical investigation boreholes, water investigation wells and CPTs will be located along the two routes shown in red on Figure 1 below.

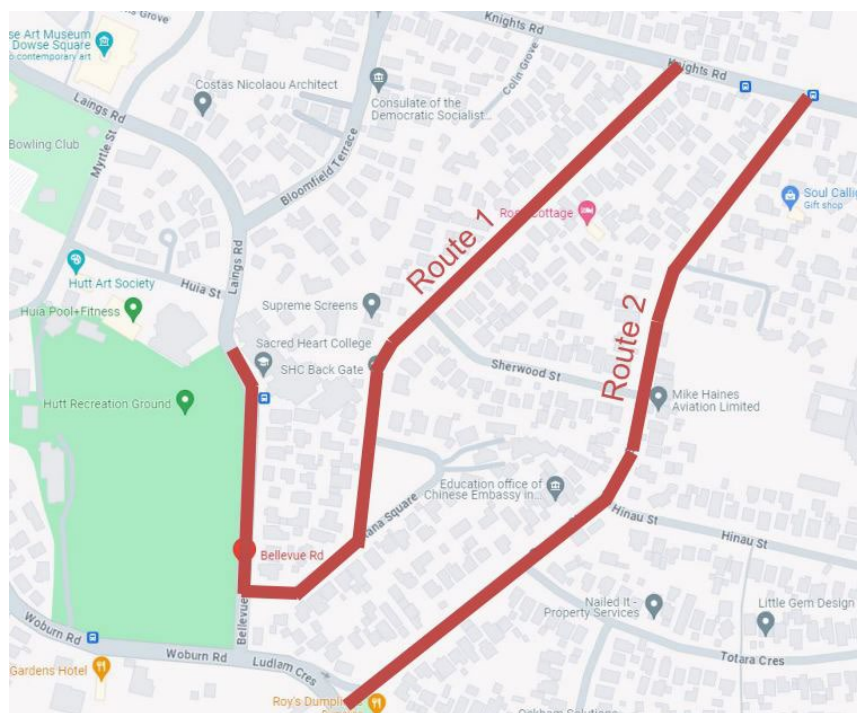


Figure 1: The Routes on which the Investigation Boreholes are located

1.1 Proposed Natural Resources Plan

RMA section	Plan	Rule	Status
9	Natural Resources Plan (Operative Version 2023)	R166	Controlled

1.2 Rule R166 PNRP controlled activity assessment

- The bore is not associated with hydrocarbon exploration or production
- The bore is constructed, operated and/or decommissioned in accordance with the *NZS 4411:2001 Environmental Standard for Drilling of Soil and Rock*

1.3 Overall activity assessment

Overall, the activity must be assessed as a **Controlled** activity.

2. Consultation

Iwi authority	Comments
Port Nicholson Block Settlement Trust	<p>The full set of application documents were provided to Port Nicholson Block Settlement Trust to provide comment via the Te Wāhi snapshot and SharePoint platform. Port Nicholson Block Settlement Trust - Snapshot of Resource Consent Application WGN240245.msg</p> <p>No comments were provided, therefore it is assumed they have no concerns.</p>
Te Rūnanga o Toa Rangātira Inc	<p>The full set of application documents were provided to Ngāti Toa Rangātira to provide comment via the Te Wāhi snapshot and SharePoint platform. Te Rūnanga o Toa Rangātira Inc - Snapshot of Resource Consent Application WGN240245.msg</p> <p>No comments were provided, therefore it is assumed they have no concerns.</p>
Other parties or persons	Comments
7(2)(a) – Groundwater Scientist – Groundwater Solutions Ltd.	<p>7(2)(a) was consulted regarding a number of aspects of the proposed ground investigations. For further information see correspondence saved to file under documents WGN240245 - expert advice 22 May 2024.msg, WGN240245 - expert advice 6 June 2024.msg, WGN240245 - expert advice 2 July 2024.msg, WGN240245 - expert advice 29 July 2024.msg.</p> <p>7(2)(a) referred to the existing bore log forms for nearby boreholes to inform her recommendations.</p> <p>confirmed that, as the investigations are within SPZ2a Negative Hydraulic Gradient Area, to avoid the risk of breaching the overall integrity of the PMB Aquitard, dual casing should be employed at shallower depths (than originally proposed) for all drillings.</p> <p>7(2)(a) stated that the PMB is between 7m and 11m thick. The aquitard is not always present as a distinct layer; however, it can consist of multiple layers (of varying thickness) with very low hydraulic</p>

	<p>conductivity, that contribute to the overall integrity of the aquitard in protecting the underlying Waiwhetu Gravel artesian aquifer. The depth to the top surface of the Lower Petone Marine Beds ranges from approximately 3.5m, at the southern/southwestern end of the investigation area (for Penrose/Hautana Street) and between approximately 10m and 8.5m, at the northeastern end of Hautana Street and Penrose Street, respectively. The top surface of the Lower PMB is approximately 3.5m, at the northern end of Bellevue Road and approximately 4.5m at the southern end of Bellevue Road. This suggests that the Lower PMB thins like a wedge towards the northeast.</p> <p>7(2)(a) showed concern that if the driller engages dual casing once they have encountered a layer that they deem is the aquitard, they may have already drilled through thinner layers of low hydraulic conductivity which would then compromise the overall integrity of the PMB Aquitard. This explains why 7(2)(a) requested that dual casing is applied from shallower depths.</p> <p>was also concerned that the investigations taking place with the Waterloo Borefield operating would result in lower pressure. Therefore, it is imperative that the drilling methodology ensures no downward flow of lower quality water from the overlying Taita Alluvial unconfined aquifer into the Waiwhetu Gravel aquifer.</p> <p>Following further discussions with the technical team and drilling contractor she was satisfied with the revised dual casing methodology provided by the applicant and the confirmation that the dual casing will be employed from the ground surface for all the drillings.</p>
Wellington Water Limited	<p>In accordance with the 'Hutt Aquifer Source Protection – Guideline for consultation with Wellington Water', Wellington Water was consulted, as this application is located within SPZ1: Bore Head Protection Zone and SPZ2a in the Hutt Valley Aquifer Protection Zone in the Wellington Harbour. (WWL) provided his recommendations for an increase in the notification time to 28 days (from 7 days) for the work being undertaken for this application. The reason for the longer notifications period is that there is an increased risk to supply from any unplanned shut down at Waterloo Treatment plant due to works taking place at other water treatment plants. I therefore recommended this longer notification period as a condition of consent. For further information see correspondence saved to file under document WGN240245 - WWL comments 20 June 2024.msg</p>

3. Notification decision

A decision was made to process the application on a non-notified basis. See [WGN240245 - Notification decision report.docx](#) for further information.

4. Environmental effects

4.1 Existing environment

NRP features	The proposal activity is located near Te Awa Kairangi – Hutt River and within the Lower Hutt Ground water community drinking water supply protection area (Schedule M2), Hutt Aquifer Protection Zone.
Groundwater zone	The proposed activity is located within Lower Hutt category A ground water zone under the NRP.
Nearby surface water features	<p>The closest surface water feature is Te Awa Kairangi – Hutt River which is approximately 700m from the proposed activity.</p> <p>Under the NRP, Te Awa Kairangi/Hutt River is identified under the following schedules:</p> <p>Schedule B – Nga Taonga Nui a Kiwa</p> <p>Schedule D – Statutory Acknowledgement Areas</p> <p>Schedule F – Ecosystems and habitats with significant indigenous biodiversity values</p> <p>Schedule H1 – Regionally significant primary contact recreation</p> <p>Schedule M1 – Surface drinking water supply areas.</p>
HAIL and/or SLUR site	There are no HAIL or SLUR sites nearby.

4.2 Effects assessment

Effects considered	
<input checked="" type="checkbox"/>	Location of bore in relation to other existing bores
<i>Comment:</i>	Provided standard conditions are adhered to, adverse effects associated with the geotechnical bores/testing on properly constructed, efficient and fully functioning existing bores will be avoided.
<input checked="" type="checkbox"/>	NZS 4411:2001 Environmental Standard for Drilling of Soil and Rock
<i>Comment:</i>	The proposed activity meets this standard.

<input checked="" type="checkbox"/> Contaminants and water waste	
<i>Comment:</i>	Provided standard conditions are adhered to, contaminants entering the bore from the land surface and wastage of water will be prevented.
<input checked="" type="checkbox"/> Community drinking water supply protection area	
<i>Comment:</i>	The proposed activity is located within the Lower Hutt Groundwater Community Drinking Water Supply Protection Area. The application was sent to [REDACTED] of Groundwater Solutions to review. [REDACTED] was comfortable with the updated drilling methodology and the mitigation measures proposed by the applicant to prevent ground water contamination and any adverse effects on the operations of Waterloo Water Treatment Plant.
<input checked="" type="checkbox"/> Management of the effects of any discharge of contaminants	
<i>Comment:</i>	The proposed activity has appropriate controls to manage the effects of any discharge of contaminants. The addition of dual casing from the ground level for all the investigations will protect the integrity of the Petone Marine Bed aquitard and the underlying Waiwhetu Aquifer.

4.3 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.

5. Statutory assessment and main findings

<input checked="" type="checkbox"/> Consistent with Part 2 (purpose and principles) of the RMA 1991
<input checked="" type="checkbox"/> Section 104(1)(a) – see Section 4 of this report. The actual or potential adverse effects of the proposed activity on the environment will be or are likely to be no more than minor
<input checked="" type="checkbox"/> Section 104(1)(b)(v) – I consider that, with the application of the recommended conditions of consent, the proposed activity is consistent with the Regional Policy Statement and Proposed Change 1 .
<input checked="" type="checkbox"/> Section 104(1)(b)(vi) – I consider that, with the application of the recommended conditions of consent, the proposed activity is consistent with the Natural Resources Plan and Proposed Change 1 , in particular Policy P137 (Bores).
<input checked="" type="checkbox"/> Section 104(1)(c) – There are no other matters relevant to this application

Section 108-108AA – Standard **conditions** of consent for this activity type are recommended. All standard conditions of consent meet s108AA. Any additional conditions are outlined in Section 4 of this report also meet s108AA. Conditions of the consent(s) will ensure that the effects of the activity on the environment will be appropriately avoided, remedied or mitigated.

6. **Monitoring**

The initial application charges include a compliance monitoring cost of \$75.00 including GST, for monitoring your resource consent. Further time will be required to review the lithological information from the proposed investigatory boreholes. You will be charged any actual and reasonable costs incurred for GWRC staff to undertake this review and/or work through any non-compliance issues.