

# **Resource Management Act 1991**

## **Canterbury Regional Council**

### **Decision of Hoani Langsburry Independent Hearings Commissioner**

#### **Applications by Christchurch City Council to:**

**Canterbury Regional Council for** CRC230356 for a Land Use Consent to Use Land for the Storage of Wastewater, CRC230357 for a Coastal Permit to Discharge Contaminants to Coastal Water, and CRC230358 Discharge Permit to Discharge Contaminants into Air

#### **The Applications**

1. The application to Canterbury Regional Council is for: -  
CRC230356 for a Land Use Consent to Use Land for the Storage of Wastewater at a community wastewater treatment plant;  
CRC230357 for a Coastal Permit to Discharge Contaminants (treated wastewater to Coastal Water, and  
CRC230358 Discharge Permit to Discharge Contaminants (odour) into Air from a wastewater treatment plant.  
A consent duration of eight years is sought.
2. The site is located adjacent to State Highway 75 on an old quarry site across the road from Duvauchelle Bay.

#### **Assessment**

3. In assessing the above applications, I have read the application documentation and assessment of environmental effects (AEE). I have previously been to the site and did not undertake a site visit.
4. I have read the S42A Officers Report dated 15 June 2023 prepared by Ms Andrea Richardson, Consents Planner engaged by Canterbury Regional Council regarding the resource consent applications. Pursuant to s113 (3)(b) of the Resource Management Act 1991 the report prepared under section 42A I accept and adopt all of the assessment of the resource consent applications and conclusions reached by the reporting officer. The report forms part of this decision.
5. In considering the resource consent applications I have had regard to sections 104, 105, and 107 of the RMA, and consider that this activity will achieve the purpose of the RMA. Section 105 sets out matters relevant to certain applications; and Section 107(1) sets out restrictions on granting of certain discharge permits.

6. On that basis of the evidence before me, I am satisfied that:
  - a. the effects of the activities are likely to be minor, subject to the imposition of consent conditions; and
  - b. the activities are consistent with the objectives and policies of the relevant national environmental standards and regional plans, as set out in the section 42A Officer's Report.

### **Duration**

7. The applicant has requested a duration of eight years for all the resource consent applications to Canterbury Regional Council. I agree with Ms Richardson's recommendation that the consents should be for a term of eight years.

### **Decision**

8. it is my decision, under delegated authority on behalf of the Canterbury Regional Council pursuant to sections 104, 105, 107, 108 to **GRANT** Christchurch City Council the following resource consents:
  - i. CRC230356 for a Land Use Consent to Use Land for the Storage of Wastewater,
  - ii. CRC230357 for a Coastal Permit to Discharge Contaminants to Coastal Water, and
  - iii. CRC230358 Discharge Permit to Discharge Contaminants into Airsubject to conditions set out in Appendix 1 to this decision.

Dated at Christchurch this 30<sup>th</sup> day of June 2023



Hoani Langsbury  
Independent Hearing Commissioner

**Land Use Consent (s9) to use land for the storage of wastewater at a community wastewater treatment plant.**

	<b>LIMITS</b>
1	<p>The use of land must only be for the storage of:</p> <ul style="list-style-type: none"> <li>a) Domestic and commercially sourced wastewater;</li> <li>b) Rainfall that has entered the wastewater storage facility; and</li> <li>c) Stormwater and groundwater that has infiltrated the wastewater pipeline network.</li> </ul> <p><b>Advice Note:</b> For the purposes of this resource consent, the collective term for the contaminants referred to above must be “wastewater”.</p>
2	<p>Wastewater must only be stored and treated in the Duvauchelle Wastewater Treatment Plant located at 6137 Christchurch Akaroa Road, Duvauchelle, legally described as Part Lot 4 DP 5105, at or about map reference NZTM: 1595140 mE 5155668 mN, as shown on the attached Plan CRC230356, which forms part of this resource consent.</p>
3	<p>The capacity of the Duvauchelle Wastewater Treatment Plant to store wastewater must not exceed a combined maximum volume of 300 cubic metres.</p>
	<b>MANAGEMENT AND MAINTENANCE</b>
4	<p>All storage components referred to in Condition (3) must be sealed and maintained in good structural condition at all times to prevent leakage of wastewater from the components.</p>
5	<p>The Consent Holder must operate the Duvauchelle Wastewater Treatment Plant in accordance with the Duvauchelle Wastewater Treatment Plant Management Plan required under Resource Consent CRC230358.</p> <p><b>Advice Note:</b> The reporting required under this condition may be combined with the annual reporting requirements under Resource Consent CRC230358.</p>
	<b>ADMINISTRATION</b>
6	<p>The Canterbury Regional Council may, once per year, on any of the last five working days of May or November, serve notice of its intention to review the conditions of this resource consent for the purposes of:</p> <ul style="list-style-type: none"> <li>a) Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment;</li> <li>b) Dealing with any adverse effect on the environment which may arise from the exercise of the resource consent; or</li> </ul>

	c) Complying with the requirements of a relevant rule in an operative regional plan.
7	<p>If this resource consent is not exercised before 30 June 2028, it lapses in accordance with Section 125 of the Resource Management Act 1991.</p> <p><b>Advice Note:</b> <i>'Exercised' is defined as implementing any requirements to operate this resource consent and undertaking the activity as described in these conditions and/or application documents.</i></p>

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**Consent Application: CRC230357**

**Discharge Permit (s15) to discharge contaminants (odour) to air from a community wastewater treatment plant.**

	<b>LIMITS</b>
1	The discharge must be limited to odour from wastewater storage and treatment processes originating from the Duvauchelle Wastewater Treatment Plant located at 6137 Christchurch Akaroa Road, Duvauchelle, legally described as Part Lot 4 DP 5105, at or about map reference 1595140 mE 5155668 mN, as shown on the attached Plan CRC230357, which forms part of this resource consent.
2	<p>Discharges of odour from the wastewater treatment plant processes must not result in any offensive or objectionable odour beyond the boundary of the site.</p> <p><b>Advice Note:</b> <i>The criteria for assessing offensive or objectionable odour, as well as odour assessment tools and tool selection and assessment criteria, are available in Schedule 2 of the Canterbury Air Regional Plan.</i></p>
	<b>ODOUR MANAGEMENT PLAN</b>
3	<p>The Consent Holder must operate the Duvauchelle Wastewater Treatment Plant in accordance with an Odour Management Plan at all times. The purpose of the Odour Management Plan is to minimise the potential for the generation and discharge of objectionable or offensive odour beyond the Duvauchelle Wastewater Treatment Plant site boundary.</p> <p><b>Advice Note:</b> <i>The Odour Management Plan required under this condition, or information to be included in the Odour Management Plan as per Condition (5), may form part of the Duvauchelle Wastewater Treatment Plant Management Plan required under Resource Consent CRC230358.</i></p>
4	<ul style="list-style-type: none"><li>a) Within six months of the commencement of this resource consent, the Odour Management Plan must be submitted to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via <a href="mailto:ECInfo@ecan.govt.nz">ECInfo@ecan.govt.nz</a>) for confirmation that the Odour Management Plan contains the information required under Condition (5); and</li><li>b) A copy of the Odour Management Plan and any amendments thereof made in accordance with Condition (6) must be held at the site at all times.</li></ul>
5	<p>The Odour Management Plan required under Condition (3) must include, at a minimum:</p> <ul style="list-style-type: none"><li>a) Details of the site and responsible parties, including the owner, occupier and any party or staff responsible for implementing an Odour Management Plan, including their contact details;</li><li>b) A description of the receiving and surrounding environment;</li></ul>

	<ul style="list-style-type: none"> <li>c) A site layout plan of the wastewater treatment plant;</li> <li>d) A description of the wastewater treatment plant, including key design parameters and a description of the plant and operating processes;</li> <li>e) A description of odour sources on site;</li> <li>f) The methods for controlling odour at each source;</li> <li>g) Routine operation duties for the various plant items, including a description of the inspection and maintenance procedures for all odour containment and ventilation systems;</li> <li>h) A description of the odour monitoring requirements;</li> <li>i) A description of mitigation measures to be employed during sludge removal;</li> <li>j) Contingency measures to respond to power outages of mechanical equipment, biological, structural or hydraulic failures, including failure of the biofilter fan, in order to address any discharges of odorous compounds from the wastewater treatment plant; and</li> <li>k) A complaint recording and response system.</li> </ul>
6	<ul style="list-style-type: none"> <li>a) The Odour Management Plan may be reviewed and amended at any time to ensure that the document remains relevant and applicable to the site conditions and monitoring requirements;</li> <li>b) Any amendments must be: <ul style="list-style-type: none"> <li>i. To reflect circumstances which may require modification of the Odour Management Plan; or</li> <li>ii. For the purpose of improving the efficacy of the Odour Management Plan; or</li> <li>iii. To ensure consistency with the conditions of this resource consent; and</li> </ul> </li> <li>c) Any amendments to the Odour Management Plan must be submitted in writing to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via <a href="mailto:ECInfo@ecan.govt.nz">ECInfo@ecan.govt.nz</a>) within one month of amendment.</li> </ul>
	<b>COMPLAINTS</b>
7	<p>The Consent Holder must keep a record of any complaints related to odour from the Duvauchelle Wastewater Treatment Plant, and must include (when provided with that information):</p> <ul style="list-style-type: none"> <li>a) The location where the odour was detected by the complainant;</li> <li>b) The date and time the odour was detected;</li> <li>c) A description of the wind speed and wind direction when the odour was detected by the complainant;</li> <li>d) The most likely cause of the odour detected; and</li> <li>e) Any corrective actions and/or investigative actions undertaken to avoid, remedy or mitigate the odour detected.</li> </ul>

8	<p>The Consent Holder must submit the record of complaints required under Condition (7) to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring by 31 August each year, or on request by the Canterbury Regional Council.</p> <p><b>Advice Note:</b> <i>The reporting required under this condition may be combined with the annual reporting requirements under Resource Consent CRC230358.</i></p>
	<b>ADMINISTRATION</b>
9	<p>The Canterbury Regional Council may, once per year, on any of the last five working days of May or November, serve notice of its intention to review the conditions of this resource consent for the purposes of:</p> <ul style="list-style-type: none"> <li>a) Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment;</li> <li>b) Dealing with any adverse effect on the environment which may arise from the exercise of the resource consent;</li> <li>c) Complying with the requirements of a relevant rule in an operative regional plan; or</li> <li>d) Requiring the Consent Holder to conduct monitoring instead of, or in addition to, that required by the resource consent.</li> </ul>
10	<p>If this resource consent is not exercised before 30 June 2028, it lapses in accordance with Section 125 of the Resource Management Act 1991.</p> <p><b>Advice Note:</b> <i>‘Exercised’ is defined as implementing any requirements to operate this resource consent and undertaking the activity as described in these conditions and/or application documents.</i></p>



**Consent Application: CRC230358**

**Coastal Permit (s15) to discharge contaminants (treated wastewater) to coastal water.**

	<b>LIMITS</b>
1	<p>The discharge must only be:</p> <ul style="list-style-type: none"><li>a) Treated wastewater;</li><li>b) Rainfall that has entered the wastewater storage facility; and</li><li>c) Stormwater and groundwater that has infiltrated the wastewater pipeline network;</li></ul> <p>from the Duvauchelle Wastewater Treatment Plant, located at located at 6137 Christchurch Akaroa Road, Duvauchelle, at or about map reference NZTM: 1595140 mE 5155668 mN, as shown on the attached Plan CRC230358, which forms part of this resource consent.</p> <p><b>Advice Note:</b> For the purposes of this resource consent, the collective term for the contaminants referred to above must be “wastewater”.</p>
2	<p>Treated wastewater from the Duvauchelle Wastewater Treatment Plant must be discharged into Akaroa Harbour via an existing 1,750 metre long submerged outfall, at or about map reference NZTM: 1595270 mE 5154010 mN, as shown on Plan CRC230358.</p>
3	<p>The location of the discharge must be marked with a buoy.</p>
4	<p>The volume of treated wastewater discharged from the Duvauchelle Wastewater Treatment Plant must not exceed 250 cubic metres per day, except during and the day after rainfall events of a total of 25 millimetres or more over three consecutive days, when the volume of treated wastewater discharged must not exceed 750 cubic metres per day.</p>
	<b>TREATED WASTEWATER QUANTITY MONITORING</b>
5	<p>The Consent Holder must keep rainfall records for all days where the volume of treated wastewater discharged exceeds 250 cubic metres per day.</p> <p><b>Advice Note:</b> For the purposes of this condition, the rainfall must be that measured at the weather station operated by NIWA at the Akaroa Golf Course.</p>
6	<p>The Consent Holder must measure the discharge volume on a continuous basis and must keep records of the total daily discharge volumes.</p> <ul style="list-style-type: none"><li>a) The records must:<ul style="list-style-type: none"><li>i. Comprise measurements, in cubic metres per day, of the daily discharge volume; and</li><li>ii. Be kept using a device or system that measures to an accuracy of within 0.01 cubic metres per second of the actual volume discharged;</li></ul></li><li>b) The Consent Holder must provide the records for the previous 12-month period, to the Canterbury Regional Council, Attention: Regional</li></ul>

	<p>Leader – Compliance Monitoring, in the Annual Report required in accordance with Condition (22);</p> <p>c) Within six months of the commencement of this resource consent, within six months of any replacement of the flow metering device or system, and at five-yearly intervals thereafter, the Consent Holder must provide to the Canterbury Regional Council, Attention: Regional Leader - Compliance Monitoring, evidence showing that:</p> <p>i. The device or system that is keeping records is verified as accurate to within 0.01 cubic metres per second of the actual volume discharged; and</p> <p>ii. The verification has been performed by a suitably qualified and experienced person.</p> <p><b>Advice Note:</b> <i>The records should be kept in electronic format that can easily be interrogated and audited.</i></p>																														
	<b>TREATED WASTEWATER QUALITY MONITORING</b>																														
7	<p>The treated wastewater must be sampled after treatment and prior to discharge into Akaroa Harbour via the outfall. The samples must be grab samples collected at the frequencies specified, and analysed for the contaminants listed in, Table 1 of this condition.</p> <p><b>Table 1 – Sampling Regime for Treated Wastewater</b></p> <table><tr><th>Weekly (from 1 December to the last day of February)</th><th>Monthly</th><th>Annually (during one January sampling event)</th></tr><tr><td>Faecal coliforms</td><td>Faecal coliforms</td><td>Arsenic</td></tr><tr><td>Enterococci</td><td>Enterococci</td><td>Chromium</td></tr><tr><td>Total suspended solids (TSS)</td><td>Total suspended solids (TSS)</td><td>Copper</td></tr><tr><td>Total five-day biochemical oxygen demand (TBOD5)</td><td>Total five-day biochemical oxygen demand (TBOD5)</td><td>Nickel</td></tr><tr><td>Temperature</td><td>Dissolved reactive phosphorus (DRP)</td><td>Zinc</td></tr><tr><td></td><td>Ammoniacal nitrogen</td><td></td></tr><tr><td></td><td>Total nitrogen (TN)</td><td></td></tr><tr><td></td><td>Temperature</td><td></td></tr><tr><td></td><td>pH</td><td></td></tr></table>	Weekly (from 1 December to the last day of February)	Monthly	Annually (during one January sampling event)	Faecal coliforms	Faecal coliforms	Arsenic	Enterococci	Enterococci	Chromium	Total suspended solids (TSS)	Total suspended solids (TSS)	Copper	Total five-day biochemical oxygen demand (TBOD5)	Total five-day biochemical oxygen demand (TBOD5)	Nickel	Temperature	Dissolved reactive phosphorus (DRP)	Zinc		Ammoniacal nitrogen			Total nitrogen (TN)			Temperature			pH	
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8	<p>a) The median concentration of five-day biological oxygen demand in the treated wastewater must not exceed 30 grams per cubic metre; and</p> <p>b) The median must be calculated from the results of any five consecutive treated wastewater samples analysed.</p>																														
9	<p>a) The median concentration of total suspended solids in the treated wastewater must not exceed 30 grams per cubic metre; and</p> <p>b) The median must be calculated from the results of any five consecutive treated wastewater samples analysed.</p>																														

10	<ul style="list-style-type: none"> <li>a) The median concentration of faecal coliforms in the treated wastewater must not exceed 1,000 coliform forming units (CFU) per 100 millilitres of treated wastewater; and</li> <li>b) The median must be calculated from the results of any five consecutive treated wastewater samples analysed.</li> </ul>
11	<ul style="list-style-type: none"> <li>a) The 95th percentile concentration of ammoniacal nitrogen in the treated wastewater must not exceed 36 milligrams per litre; and</li> <li>b) The 95th percentile must be calculated from the results of at least 12 consecutive treated wastewater samples analysed.</li> </ul>
12	<ul style="list-style-type: none"> <li>a) The 95th percentile concentration of total nitrogen in the treated wastewater must not exceed 60 milligrams per litre; and</li> <li>b) The 95th percentile must be calculated from the results of at least 12 consecutive treated wastewater samples analysed.</li> </ul>
13	<ul style="list-style-type: none"> <li>a) The 95th percentile concentration of dissolved reactive phosphorus in the treated wastewater must not exceed 8 milligrams per litre; and</li> <li>b) The 95th percentile must be calculated from the results of at least 12 consecutive treated wastewater samples analysed.</li> </ul>
14	The annual sampling of heavy metals (Arsenic, Chromium, Copper, Nickel and Zinc) in the treated wastewater must be compared to previous sampling results and against relevant guideline values.
15	<p>If any sample measured in accordance with Condition (7) has a faecal coliform count greater than 1,000 CFU per 100 millilitres of treated wastewater, the Consent Holder must:</p> <ul style="list-style-type: none"> <li>a) Collect a further sample of treated wastewater within 24 hours of obtaining the results and analyse for faecal coliform concentrations;</li> <li>b) If that second sample has a faecal coliform count greater than 1,000 CFU per 100 millilitres of treated wastewater, the Consent Holder must continue to sample the treated wastewater daily until the faecal coliform count is less than 1000 CFU per 100 millilitres of treated wastewater; and</li> <li>c) The Consent Holder must within three days of receipt of the second sampling result, inform the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring, stating the reason(s) for the exceedance and what has/is being done to fix it, including a recommendation on whether additional sampling of the receiving environment and warning notices are required.</li> </ul>
	<b>RECEIVING ENVIRONMENT MONITORING</b>
16	<ul style="list-style-type: none"> <li>a) The water of the receiving environment must be sampled at each of the following locations, as shown on Plan CRC230358: <ul style="list-style-type: none"> <li>i. At the shoreline at Duvauchelle Bay near the boat ramp accessible off Seafield Road, located at or about map reference</li> </ul> </li> </ul>

	<p>NZTM: 1595332 mE 5155030 mN, as shown on Plan CRC230358;</p> <p>ii. At the shoreline at Archdalls Beach accessible from the Ngaio Point walking track off Monarchs Drive, located at or about map reference NZTM: 1595810 mE 5154420 mN, as shown on Plan CRC230358;</p> <p>iii. At the shoreline at the Duvauchelle Wharf Jetty off Onawe Peninsula, located at or about map reference NZTM: 1594243 mE 5154641 mN, as shown on Plan CRC230358; and</p> <p>b) The water of the receiving environment must be sampled weekly between 1 December and the last day of February, and monthly from 1 March to 30 November;</p> <p>c) The time, date and water temperature when samples are taken must be recorded; and</p> <p>d) The samples must be analysed for faecal coliforms and enterococci concentrations.</p>
17	<p>In the event that the analysis of receiving water quality samples collected within the period of 1 December to the last day of February each year, at any site described in Condition (16)(a) indicates that the concentration of faecal coliforms exceeds a rolling median of 14 CFU per 100 millilitres based on the previous five samples, or a single sample exceeds 280 enterococci per 100 millilitres, then the Consent Holder must:</p> <p>a) Notify the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring, Te Mana Ora and Te Rūnanga o Ōnuku within 24 hours of detecting the exceedance;</p> <p>b) Erect warning signage in the general vicinity of the relevant shoreline locations specified in Condition (16)(a) stating that the area is unsuitable for the collection of shellfish and/or for recreational activities;</p> <p>c) Investigate whether the exceedance is likely to have resulted from the wastewater discharged from the Duvauchelle Wastewater Treatment Plant and if so, outline what measures the Consent Holder has implemented or will implement, including a timeframe for implementation, to mitigate any adverse environmental effects as a result of the exceedance and to prevent a reoccurrence; and</p> <p>d) Provide a report on the investigation to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring, within 10 days of receiving the results of the exceedance.</p> <p><b>Advice Note:</b> For the purpose of this condition, “at any site” means that the assessment against the trigger value must be on an individual site basis.</p>
18	<p>The Consent Holder must undertake a benthic fauna survey and sediment monitoring in the receiving environment around the outfall discharge within 18 months of the commencement of this resource consent.</p> <p>a) Benthic sampling and analysis and sediment monitoring must be undertaken by a suitably qualified and experienced person;</p> <p>b) The methodology for the benthic fauna survey and sediment monitoring, including sampling locations, sampling methods and laboratory</p>

	<p>methods, must be generally consistent with that described in the Golder Associates Report <i>Marine Benthic Survey: Duvauchelle Bay Waste Water Outfall</i> (January 2010), attached as Appendix F of the Consent Application, unless otherwise specified in this Resource Consent;</p> <ul style="list-style-type: none"> <li>c) The core size for infauna must be 130 millimetres diameter and 150 millimetres deep, and the infauna must be sieved through a 0.5 millimetre mesh sieve;</li> <li>d) A one square metre quadrat must be used for identifying epifauna, or an alternative methodology. If an alternative methodology is proposed, this must be submitted to Canterbury Regional Council, Attention: Coastal Scientist, prior to commencement of the benthic fauna survey;</li> <li>e) Sediment grain size and sediment quality must be analysed in the top 50 millimetres of sediment;</li> <li>f) Sediment grain size must be analysed using a wet sieving technique and sediment quality must be analysed for heavy metals (copper, lead, and zinc), nutrients (total phosphorus and total nitrogen), Total Organic Carbon, and Chlorophyll-a and Pheophytin-a;</li> <li>g) The results of the benthic fauna survey and sediment monitoring must be compared to previous monitoring results, and statistically robust methods must be employed to determine whether the outfall discharge is impacting the benthos. A list of species considered important in terms of indicating potential impacts must be included; and</li> <li>h) The results of the benthic fauna survey and sediment monitoring must be submitted to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring, within three months of undertaking the monitoring.</li> </ul>
	<b>OUTFALL MONITORING</b>
19	<p>The Consent Holder must undertake an external inspection of the outfall pipe discharge to determine its condition every two years after the commencement of this resource consent. The assessment must be recorded and submitted to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring, with the results to be submitted in the Annual Report required in accordance with Condition (22).</p> <p><b>Advice Note:</b> <i>For the purpose of this condition, the consent holder must not excavate the harbour floor should the discharge be obscured by harbour sediments.</i></p>
	<b>ANALYSIS AND REPORTING</b>
20	<p>All treated wastewater and receiving environment samples must:</p> <ul style="list-style-type: none"> <li>a) Be collected by a suitably qualified or experienced person; and</li> <li>b) Be analysed at a laboratory accredited for the analyses to ISO Guide 25, either by International Accreditation New Zealand (IANZ), or by an organisation with a mutual agreement with IANZ.</li> </ul>
21	<p>Notwithstanding Conditions (15) and (17), if the results of the monitoring indicate an exceedance of the limits and trigger values specified in Conditions</p>

	<p>(8), (9), (11), (12) and (13) on more than three consecutive sampling dates, the Consent Holder must:</p> <ul style="list-style-type: none"> <li>a) Investigate the possible causes of the exceedance(s) including a review of the operation of the wastewater treatment plant;</li> <li>b) Outline what measures the Consent Holder has implemented or will implement, including a timeframe for implementation, to mitigate any adverse environmental effects as a result of the exceedance and to prevent a reoccurrence; and</li> <li>c) Provide a report on the investigation to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring, and Te Rūnanga o Ōnuku within ten working days of receiving of the sampling results.</li> </ul>
22	<p>The Consent Holder must submit to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring, and Te Rūnanga o Ōnuku, Attention: Environment Portfolio, an Annual Report prepared by a suitably qualified person by 31 August each year which includes, but is not limited to the following:</p> <ul style="list-style-type: none"> <li>a) Results of the monitoring required under this resource consent undertaken in the previous year from 1 July to 30 June. Results must be provided in an XML format;</li> <li>b) An analysis of monitoring results against the limits, trigger values and guideline values specified in Conditions (4), (8), (9), (10), (11), (12), (13), (14) and (17) of this resource consent;</li> <li>c) Comparison of the monitoring results required in Conditions (4), (8), (9), (10), (11), (12), (13), (14) and (17) with historical data;</li> <li>d) An interpretation of the monitoring results in relation to the effects of the discharge on the environment;</li> <li>e) Summary of what measures the Consent Holder has implemented or will implement to mitigate any adverse environmental effects as a result of the exceedances of any trigger values and to prevent a reoccurrence;</li> <li>f) Details of any changes or upgrades to the wastewater treatment plant that may affect the quality or volume of treated wastewater discharged; and</li> <li>g) Details of any outfall monitoring undertaken in the reporting period, required under Condition (19).</li> </ul>
	<b>WASTEWATER TREATMENT PLANT MANAGEMENT PLAN</b>
23	<p>The Consent Holder must operate the Duvauchelle Wastewater Treatment Plant in accordance with a Wastewater Treatment Plant Management Plan at all times. The purpose of the Wastewater Treatment Plant Management Plan is to detail management practices that will be taken to ensure compliance with conditions of this resource consent, including the limits, trigger values and guideline values relating to treated wastewater specified in Conditions (4), (8), (9), (10), (11), (12), (13) and (14) and receiving environment microbiological parameters specified in Condition (17).</p>

24	<ul style="list-style-type: none"> <li>a) Within six months of the commencement of this resource consent, the Wastewater Treatment Plant Management Plan must be submitted to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via <a href="mailto:ECInfo@ecan.govt.nz">ECInfo@ecan.govt.nz</a>) for confirmation that the management plan contains the information required under Condition (25); and</li> <li>b) A copy of the Wastewater Treatment Plant Management Plan and any amendments thereof made in accordance with Condition (25) must be held at the site at all times.</li> </ul>
25	<p>The Wastewater Treatment Plant Management Plan must include, at a minimum:</p> <ul style="list-style-type: none"> <li>a) Details of the site and responsible parties, including the owner, occupier and any party or staff responsible for implementing the Wastewater Treatment Plant Management Plan, including their contact details;</li> <li>b) A site layout plan of the wastewater treatment plant;</li> <li>c) A description of the wastewater treatment plant, including key design parameters and a description of the plant and operating processes;</li> <li>d) An operation and maintenance manual which contains the key operation and maintenance tasks of the operator, normal operations, emergency operations and safety precautions. The emergency operations and safety precautions must set out the contingency measures to be taken at the pumping stations in order to avoid the release of wastewater to the environment during periods of any mechanical or electrical failure or power cut;</li> <li>e) The management practices to ensure compliance with conditions of the resource consent; and</li> <li>f) A complaint recording and response system.</li> </ul> <p><b>Advice Note:</b> <i>The Wastewater Treatment Plant Management Plan may also include the Odour Management Plan required under Resource Consent CRC230357.</i></p>
26	<ul style="list-style-type: none"> <li>a) The Wastewater Treatment Plant Management Plan may be reviewed and amended by the Consent Holder at any time to ensure that the document remains relevant and applicable to the site conditions and monitoring requirements.</li> <li>b) Any amendments must be: <ul style="list-style-type: none"> <li>i. To reflect circumstances which may require modification of the Wastewater Treatment Plant Management Plan; or</li> <li>ii. For the purpose of improving the efficacy of the Wastewater Treatment Plant Management Plan; or</li> <li>iii. To ensure consistency with the conditions of this resource consent.</li> </ul> </li> <li>c) Any amendments to the Wastewater Treatment Plant Management Plan must be submitted in writing to the Canterbury Regional Council,</li> </ul>

	Attention: Regional Leader – Compliance Monitoring (via ECInfo@ecan.govt.nz) within one month of any amendments made.
	<b>LONG-TERM OPTION</b>
27	<p>The Consent Holder must achieve the following milestones within the term of this resource consent:</p> <ul style="list-style-type: none"> <li>a) Lodge all applications for the approvals under the Resource Management Act 1991 required to commission the new Duvauchelle Wastewater Treatment Plant land application scheme within 18 months of the commencement of this resource consent;</li> <li>b) Award contracts for the construction of the new Duvauchelle Wastewater Treatment Plant land application scheme within 32 months of the commencement of the resource consents sought under clause (a) of this condition;</li> <li>c) Require contractors to commence construction of the new Duvauchelle Wastewater Treatment Plant land application scheme within nine months of awarding the contracts under clause (b) of this condition;</li> <li>d) To have a fully operational new Duvauchelle Wastewater Treatment Plant land application scheme within 37 months of awarding the contracts under clause (b) of this condition.</li> </ul>
28	<ul style="list-style-type: none"> <li>a) The discharge from the Duvauchelle WWTP to the location authorised under Condition (2) must cease no later than the expiry of this resource consent; and</li> <li>b) The Consent Holder must submit an annual progress report to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring and Te Rūnanga o Ōnuku, Attention: Environmental Portfolio, by the 31 August each year detailing progress made towards meeting the deadline for cessation of the discharge to coastal water and Condition (27).</li> </ul>
	<b>ADMINISTRATION</b>
29	<p>The Canterbury Regional Council may, once per year, on any of the last five working days of May or November, serve notice of its intention to review the conditions of this resource consent for the purposes of:</p> <ul style="list-style-type: none"> <li>a) Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment;</li> <li>b) Dealing with any adverse effect on the environment which may arise from the exercise of the resource consent;</li> <li>c) Complying with the requirements of a relevant rule in an operative regional plan; or</li> <li>d) Requiring the Consent Holder to conduct monitoring instead of, or in addition to, that required by the resource consent.</li> </ul>
30	If this resource consent is not exercised before 30 June 2028, it lapses in accordance with Section 125 of the Resource Management Act 1991.

	<p><b>Advice Note:</b> <i>'Exercised' is defined as implementing any requirements to operate this resource consent and undertaking the activity as described in these conditions and/or application documents.</i></p>
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Kilometres

Scale: 1:15,000 @A4

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