

Proposed Conditions of Consent 22 July 2024

RM23.819.01 – Land Use Consent to construct a bore for the purpose of excavating a mine pit that intercepts groundwater.

Conditions	
1.	<p>This permit must be carried out in accordance with the plans and all information submitted with the application, further information, additional information provided at the hearing and the Master Plan Set dated 24/6/2024.</p> <p>If there are any inconsistencies between the above information and the conditions of this consent, the conditions of this consent will prevail.</p>
2.	<p>This consent must be exercised in conjunction with Water Permit RM23.819.02, Discharge Permit RM23.819.03 and Discharge Permit RM23.819.04.</p>
3.	<p>The mine pit shall be set back a minimum of 20 metres from the banks of the Tima Burn and the Clutha River / Mata-au. The setback shall be measured from the typical wetted channel of the Tima Burn, and the eastern cadastral boundary of the Clutha/Mata-au marginal strip.</p> <ol style="list-style-type: none"> a. The consent holder shall establish survey pegs to demarcate the 20-metre setback to ensure compliance with this condition. b. Survey pegs must be established prior to establishment of the mine pit within 100 metres of a watercourse. c. Survey pegs are not required and/or may be removed: <ol style="list-style-type: none"> i. when a bund is located between the mine pit and the watercourse, or ii. when the mine pit is further than 100m from the watercourse.
4.	<p>All personnel working on the site must be briefed on the contents of this consent document and any documents referred to in the conditions of this consent. A copy of this consent and any documents referred to in the conditions of this consent shall be immediately accessible on site.</p>
5.	<p>The duration of consent shall be 10 years from the commencement of the consent.</p>
6.	<p>The Consent Holder shall appoint a member of staff to be responsible for ensuring that the conditions of this consent are complied with; the “Compliance Officer”.</p> <ol style="list-style-type: none"> a. The Compliance Officer shall be based on site a minimum of three days per week. b. The Consent Holder shall ensure that there is a nominated cover person for the Compliance Officer if the Compliance Officer is unavailable; the “Nominated Cover Person”. c. The Consent Holder shall provide the Compliance Officer’s and the Nominated Cover Person’s name and contact details to the Consent Authority} and Aukaha (consents@aukaha.co.nz) prior to commencing mining on the site.
Management Plan	

7.	<p>The Consent Holder must submit a Water Management Plan (WMP) to the Consent Authority at least 15 working days prior to the exercise of this consent for certification that it documents, as a minimum:</p> <ol style="list-style-type: none"> a. The Objective of the WMP is to implement the conditions of the consent. b. The conditions of consent that the WMP implements and how each condition is given effect to. c. A plan and description of the groundwater quality and level monitoring network as required under the conditions of this consent and associated consents RM23.819.02 and RM23.819.03. d. A description of the groundwater quality and level monitoring required by the conditions of this consent and associated consents RM23.819.02 and RM23.819.03. e. A description and methodology for determining the natural flow of the Tima Burn at the Teviot Bridge and ongoing monitoring of the flow of the Tima Burn. f. A description of the Tima Burn augmentation design in accordance with the conditions of RM23.819.02, including the location of the augmentation take and discharge point, circumstances which trigger the commencement or cessation of augmentation, oxygenation of augmentation water, procedure for monitoring dissolved oxygen, and process for determining the rate of augmentation. g. A description for the process of providing alternative water supply to neighbouring bore owners in accordance with the conditions of RM23.819.02. h. Any other mitigation measures to be employed to minimise environmental effects on groundwater or adhere to best practice in relation to groundwater protection, including mobile refuelling procedures, spill responses and minimum maintenance frequency for all machinery operated by the Consent Holder and working on the site; i. Relevant monitoring and reporting requirements.
8.	<ol style="list-style-type: none"> a. Activities authorised by this consent shall not commence until the Consent Holder has received written certification that the WMP is consistent with the conditions of this consent. Notwithstanding this, the WMP is deemed certified, and works may proceed if the Consent Holder has not received a response from the Consent Authority within 15 working days of the date of the submission of the WMP. b. If the response from the Council is that they are not able to certify the management plans, such a response must include detailed reasons with reference to the conditions of consent that the Council consider the Management Plan does not meet. The Consent Holder must consider any reasons and recommendations provided by the Council, amend the management plan accordingly, and resubmit the management plan for certification to the Council. If the Consent Holder has not received a response from the Council within 5 working days of the date of resubmission for certification to Council of a management plan listed under this condition, the management plan must be deemed certified.
9.	<p>The WMP must be reviewed at least annually. The purpose of the review is to ensure that the WMP remains fit for purpose and to address any changes required to respond to any non-compliance or monitoring results in the previous year.</p>

10.	The Consent Holder may amend the WMP at any time, in a way that is consistent with the conditions of this resource consent, to take into account: <ul style="list-style-type: none"> a. Any positive measure/s to ensure the stated objectives of the management plan are achieved. b. Any changes required to further reduce the potential for adverse effects; c. Any required actions identified as a result of monitoring.
11.	Any WMP amended in accordance with condition 10 or reviewed in accordance with condition 9 must be provided to the Consent Authority within 15 working days of its review/amendment, for re-certification in accordance with Conditions 7 and 8. Where the WMP is amended or reviewed, the activity may continue in accordance with the previously certified version of the WMP, until the revised version is certified by the Council.
12.	A copy of the latest version of the certified Management Plans must be kept on site at all times. Subject to any other conditions of this consent and associated consents RM23.819.02, RM23.819.03 and RM23.819.04, all activities must be undertaken in accordance with the latest version of the certified WMP.
13.	A copy of the draft WMP shall be provided to Kāti Huirapa Rūnaka ki Puketeraki, Te Rūnanga o Ōtākou and Hokonui Rūnanga (Kā Rūnaka) via Aukaha. Kā Rūnaka shall be afforded at least 20 working days to provide feedback on the draft WMP. If no feedback is received from Kā Rūnaka in that timeframe the consent holder is not obliged to wait for feedback. When submitting the WMP for certification in accordance with condition 7, the consent holder shall also provide to the Consent Authority a copy of any feedback from Kā Rūnaka, a description of amendments made in response to that feedback and any reasons for changes requested by Kā Rūnaka not being made by the Consent Holder.
Performance Standards	
14.	Any erosion, scour or instability of the pit that results in exceedance of the extent shown in the consent application must be reinstated or remedied by the Consent Holder.
15.	In the event of a discharge of unauthorised contaminants to water or to land in a manner that may enter water, including but not limited to fuel, hydraulic fluid, contaminated soil or leachate, the Consent Holder must: <ul style="list-style-type: none"> a. Undertake all practicable measures as soon as possible to contain the contaminant. b. Ensure that the contaminants and any material used to contain it are removed from the site and disposed of at a facility authorised to receive the material. c. Immediately notify the Consent Authority, Aukaha and Millers Flat Water Company of the spill or contamination and of the actions taken and to be taken to remediate and mitigate any adverse environmental effects. d. Immediately have a suitably qualified water quality expert assess the risk of the spill to surrounding bores and provide recommendations on the measures to be taken to address any identified risk. e. Provide a copy of the risk assessment carried out under Condition 15d above to the Consent Authority, Aukaha and Millers Flat Water Company within one week and implement all recommendations in the risk assessment.
16.	The Consent Holder must ensure that:

	<ul style="list-style-type: none"> a. All machinery to be operated within exposed groundwater on the site is thoroughly cleaned of vegetation (e.g. weeds), seeds or contaminants prior to entering the site. The cleaning of machinery must not occur within 20 metres of the bank of any waterbody or the edge of any wetland. b. All machinery must be regularly maintained to ensure that no contaminants (including but not limited to oil, petrol, diesel, hydraulic fluid) shall be released into water, or to land where it may enter water, from equipment being used for the works. c. All contaminant storage or re-fuelling areas (other than areas where mobile re-fuelling occurs) are bunded or contained in such a manner so as to prevent the discharge of contaminants to water or to land where it may enter water. d. No machinery, except the dredge, shall be maintained, cleaned, stored or refuelled within 20 metres of the bank of any waterbody or exposed groundwater. e. Permanent storage of fuel and lubricants must not be located within 50 metres of the bank of any waterbody or exposed groundwater. <i>Advice Note: Approved storage of hazardous substances is specified in the Health and Safety at Work (Hazardous Substances) Regulations 2017.</i> f. Mobile refuelling occurs in accordance with industry best practice, a drip tray is always used for such refuelling, and spill kits are available at the mobile refuelling locations.
17.	<p>The Consent Holder must maintain a record of any complaints alleging adverse effects arising from, or related to, the works activities authorised by this consent; the “Complaints Register”.</p> <ul style="list-style-type: none"> a. The Complaints Register must include: <ul style="list-style-type: none"> i. The date, time, location, and nature of the complaint. ii. The date, time, location and nature of any incident related to the complaint. iii. The name, phone number, email and address of the complainant, unless the complainant elects not to supply this information. iv. Details of actions taken by Consent Holder to remedy the situation, including actions taken on site to remedy the issue, correspondence with the complainant and any policies or methods put in place to avoid or mitigate the problem occurring again. b. The Complaints Register must be provided to Council on request and annually as required in condition 18. c. Upon receipt of any complaint that alleges non-compliance with the conditions of this consent, the Consent Holder must promptly investigate the complaint, and take necessary action to ensure the activity is compliant with the conditions of this consent.
18.	<p>The Consent Holder must submit an Annual Groundwater Report by the 31st of July each year which includes the following:</p> <ul style="list-style-type: none"> a. Details of any affected bores and alternative water supply provided in accordance with condition 7 of RM23.819.02. b. Details of any augmentation of the Tima Burn undertaken in accordance with condition 8 of RM23.819.02.

	<ul style="list-style-type: none"> c. Results of groundwater level monitoring required by condition 11 of RM23.819.02. d. Results of the water quality monitoring carried out in accordance with Conditions 12 and 13 of RM23.819.03; e. An analysis of the water quality data collected in accordance with Conditions 12 and 13 of RM23.819.03, prepared by a suitably qualified and experienced person, assessing whether the data shows that the Consent Holder's activities are adversely impacting groundwater quality or any drinking water supply. f. A record of any complaints received in relation to the compliance with the conditions of this consent, including the information listed in condition 18.
Review	
19.	<p>The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent within 3 months of each anniversary of the commencement of this consent, or within two months of any enforcement action taken by the Consent Authority in relation to the exercise of this consent, or on receiving monitoring results, for the purpose of:</p> <ul style="list-style-type: none"> a. Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent; or b. Ensuring that any required management plan gives effect to the conditions of this consent. c. Ensuring the conditions of this consent are consistent with any National Environmental Standard or National Planning Standard.
Notes to Consent Holder	
1.	<i>If you require a replacement consent upon the expiry date of this consent, any new application should be lodged at least 6 months prior to the expiry date of this consent. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent under section 124 of the Resource Management Act 1991 until a decision is made on the replacement application (and any appeals are determined).</i>
2.	<i>The Consent Holder is responsible for obtaining all other necessary consents, permits, and licences, including those under the Building Act 2004, the Biosecurity Act 1993, the Conservation Act 1987, and the Heritage New Zealand Pouhere Taonga Act 2014. This consent does not remove the need to comply with all other applicable Acts (including the Property Law Act 2007 and the Health and Safety at Work Act 2015), regulations, relevant Bylaws, and rules of law. This consent does not constitute building consent approval. Please check whether a building consent is required under the Building Act 2004.</i>
3.	<i>Where information is required to be provided to the Consent Authority in condition/s 6 to 12 this is provided in writing to compliance@orc.govt.nz, and the email heading is to reference RM23.819.01 and the condition/s the information relates to.</i>
4.	<i>The Consent Holder will be required to pay the Consent Authority an administration and monitoring charge to recover the actual and reasonable costs incurred to ensure ongoing</i>

	<i>compliance with the conditions attached to this consent, collected in accordance with Section 36 of the Resource Management Act 1991.</i>
5.	<i>It is the responsibility of the Consent Holder to ensure that the water abstracted under this resource consent is of suitable quality for its intended use. Where water is to be used for human consumption, the consent holder should have the water tested prior to use and should discuss the water testing and treatment requirements with a representative of the Ministry of Health and should consider the New Zealand Drinking Water Standards.</i>
6.	<i>The Consent Holder is advised that water supplied for human consumption may also need to meet the requirements of the Health Act 1956, the Drinking Water Standards for New Zealand 2005 (Revised 2018), and any other Ministry of Health requirements.</i>

RM23.819.02 – Water Permit to take and use groundwater for the purpose of transient mine pit dewatering, augmentation purposes, processing, dust suppression and rehabilitation

Specific	
1.	The take and use of groundwater for the purpose of transient mine pit dewatering, augmentation purposes, processing, dust suppression and rehabilitation must be carried out in accordance with the plans and all information submitted with the application, further information, additional information provided at the hearing and the Master Plan Set dated 24/6/2024. If there are any inconsistencies between the above information and the conditions of this consent, the conditions of this consent will prevail.
2.	This consent must be exercised in conjunction with Land Use Consent RM23.819.01, Discharge Permit RM23.819.03 and Discharge Permit RM23.819.04.
3.	All personnel working on the site must be briefed on the contents of this consent document and any documents referred to in the conditions of this consent. A copy of this consent and any documents referred to in the conditions of this consent shall be immediately accessible on site.
4.	The duration of consent shall be 6 years from the commencement of the consent.
5.	The Consent Holder shall appoint a member of staff to be responsible for ensuring that the conditions of this consent are complied with; the “Compliance Officer”. <ul style="list-style-type: none"> a. The Compliance Officer shall be based on site a minimum of three days per week. b. The Consent Holder shall ensure that there is a nominated cover person for the Compliance Officer if the Compliance Officer is unavailable; the “Nominated Cover Person”. c. The Consent Holder shall provide the Compliance Officer’s and the Nominated Cover Person’s name and contact details to the Consent Authority and Aukaha (consents@aukaha.co.nz) prior to commencing mining on the site.
6.	The rate and quantity of abstraction must not exceed: <ul style="list-style-type: none"> i. 124.8 litres per second; ii. 10,783 cubic metres per day;

	<ul style="list-style-type: none"> iii. 222,394 cubic metres per month; and iv. 1,967,846 cubic metres between 1 July of any year and ending 30 June of the following year as a rolling average calculated over three consecutive years.
Neighbouring Wells	
7.	<ul style="list-style-type: none"> a. Prior to commencing dewatering in accordance with this consent, the consent holder shall, subject to the owner's agreement, inspect the wells listed in condition 7b (the "water wells") and record: <ul style="list-style-type: none"> i. the static water level from the surface reference point, and ii. the depth to the top of the pump or suction intake from the surface reference point. <p>The difference between these two measurements shall be recorded as the operational water level.</p> b. For the purposes of this condition the water wells are: G43/0183, G43/0219, CD13/0101, G43/0193, G43/0142, G43/0187, G43/0132, G44/0132, G43/0079, G44/0041, G44/0111, G44/0040, G43/0184 and G43/0185. c. When any water level monitoring piezometer has exceeded 0.2 m drawdown as a result of dewatering authorised by this consent, the most adjacent water wells that have been initially inspected, shall be monitored to record static water level at least on a weekly basis. d. When static water level in any water well reduces by more than 0.2 m as a result of dewatering authorised by this consent, that water well shall be monitored to record static water level at least on a daily basis. The monitoring results will be provided to a suitably qualified hydrologist who will extrapolate the progression of drawdown effects from dewatering on the affected water well. e. If the data indicates that the drawdown effects on any water well will exceed that wells operational water level within the next 20 days, the Consent Holder must advise the well owner (the "affected well owner"). f. If the affected well owner requests, the Consent Holder must provide the affected well owner with an alternative water supply of at least 2,000 litres per day for each household, starting at least 48 hours prior to when drawdown effects on the water well are projected to exceed that wells operational water level in accordance with condition 7e. The alternative water supply shall be provided until such time as the operational water level is no longer exceeded as a result of dewatering authorised by this consent. All costs shall be borne by the Consent Holder. g. Monitoring and mitigation required by clauses c. – f. of this condition are not required where the well owner refuses permission for the Consent Holder to undertake the measurements in clause a.
Tima Burn	
8.	<p>During any period of groundwater abstraction for mine dewatering purposes and where any water table level decline as a result of mine dewatering exceeds 0.2 m adjacent to the reach of the Tima Burn from Teviot Road Bridge to the confluence with the Clutha River:</p> <ul style="list-style-type: none"> a. The consent holder shall provide environmental flow augmentation to the Tima Burn to maintain either: <ul style="list-style-type: none"> i. A minimum of 21 L/s of stream flow throughout the reach from Teviot Road Bridge to the confluence with the Clutha River, or

	<ul style="list-style-type: none"> ii. The assessed natural flow in the Tima Burn at/downstream of Teviot Road Bridge to the confluence with the Clutha River corresponding to an upstream catchment natural 7 day Mean Annual Low Flow (“MALF”) of 21 L/s, inclusive of any natural stream leakage. Any assessed natural flow shall be supported by at least 3 months of flow monitoring required by condition 10a and supported by an analysis and report undertaken by a suitably qualified hydrologist. b. The non-consumptive flow augmentation to the Tima Burn shall be abstracted from groundwater sources and form part of the dewatering allocation to this resource consent. c. Any flow augmentation from groundwater sources to the Tima Burn shall be fresh (clean) water to fresh water. d. The Consent Holder must monitor Dissolved Oxygen of any flow augmentation water discharged to the Tima Burn. The 7-day mean minimum Dissolved Oxygen level of the augmentation water must be ≥ 8 mg/L, as measured prior to discharge into the Tima Burn.
9.	<p>Within three months of the commencement of this consent, the Consent Holder must provide to the Consent Authority a measurement of the flow in the Tima Burn at the bridge over Teviot Road and near to the confluence with the Clutha / Mata-au. A report containing the flow measurements and an analysis of any natural stream leakage will be provided to the consent authority in a report. The report and analysis must be undertaken by a suitably qualified hydrologist.</p>
Performance Monitoring	
10.	<p>During the exercise of this consent, the Consent Holder shall:</p> <ul style="list-style-type: none"> a. Assess the flow in the Tima Burn at or above the Teviot Road Bridge on a weekly basis, except, b. When flow augmentation is required in accordance with condition 8, the flow in the Tima Burn shall be measured on a daily basis. c. All Tima Burn flow records must be recorded and kept in an electronic logbook and shall be made available to the Consent Authority upon request.
11.	<ul style="list-style-type: none"> a. The Consent Holder must monitor groundwater levels within the lateral boundaries of the advancing mine pit pond. The Consent Holder must monitor groundwater levels (at least) on a weekly basis, commencing one month prior to the commencement of any site dewatering. Once initial site dewatering is complete, monitoring of groundwater levels must be undertaken until such time that steady state conditions are confirmed to be reached by a suitably qualified hydrologist. b. Piezometric water level records as required by this monitoring condition, must be provided to the Consent Authority on an annual basis by 31 July each year, and as requested in writing.
12.	<ul style="list-style-type: none"> a. Prior to the first exercise of this consent, the Consent Holder must install a: <ul style="list-style-type: none"> a. Water meter(s) that will measure the rate and the volume of groundwater taken from the mine pit to within an accuracy of +/- 10%

	<p>over the meter’s nominal flow range at the point of take. The water meter must be capable of output to a datalogger.</p> <ul style="list-style-type: none"> b. Water meter that will measure the rate and the volume of water taken to augment the Tima Burn flows within an accuracy of +/- 10% over the meter’s nominal flow range. The water meter must be capable of output to a datalogger. c. A datalogger(s) that time stamps a pulse from the flow meter at least once every 15 minutes and have the capacity to hold at least twelve months data of water taken. <ul style="list-style-type: none"> b. Provide records from the datalogger electronically to the Consent Authority at annual intervals by 31 July each year and at any time upon request. Data must be provided electronically giving the date, time and flow rates in no more than 15-minute increments of water. c. Within 20 working days of the installation of the water meter and datalogger, any subsequent replacement of the water meter and datalogger, and at five yearly intervals (for any electromagnetic or built in ultrasonic meter) or annual (for any mechanical or clamp on ultrasonic meter) intervals thereafter, and at any time when requested by the Council, the Consent Holder must provide written certification to the Consent Authority signed by a suitably qualified person certifying, and demonstrating by means of a clear diagram, that: <ul style="list-style-type: none"> i. Each device is installed in accordance with the manufacturer’s specifications; ii. Data from the recording device can be readily accessed and/or retrieved in accordance with the conditions above; and iii. that the water meter has been verified as accurate. d. The water meter and datalogger must be installed and maintained throughout the duration of the consent in accordance with the manufacturer’s specifications. e. All practicable measures must be taken to ensure that the water meter and recording device(s) are fully functional at all times. f. The Consent Holder must report any malfunction of the water meter and datalogger to the Consent Authority within 5 working days of observation of the malfunction. The malfunction must be repaired within 10 working days of observation of the malfunction and the Consent Holder must provide proof of the repair, including photographic evidence, to the Consent Authority within 5 working days of the completion of repairs. Photographs must be in colour and be no smaller than 200 x 150 millimetres in size and be in JPEG form. <p><i>Note: the water meter and data logger should be safely accessible by the Consent Authority and its contractors at all times. The Water Measuring Device Verification Form and Calibration Form are available on the Consent Authority’s website.</i></p>
13.	Prior to the first exercise of this consent, the Consent Holder must take representative water samples from the targeted monitoring bores in accordance with Condition 12 of Discharge Permit RM23.819.03.
General	

14.	<p>The Consent Holder must take all practicable steps to ensure that as a result of the groundwater take:</p> <ol style="list-style-type: none"> a. There is no unintended leakage from pipes and structures; b. There is no unintended run-off of abstracted groundwater either on site or off site; and c. There is no flooding of other person’s property, including erosion, land instability, sedimentation or property damage.
15.	<p>The Consent Holder must maintain a record of any complaints alleging adverse effects arising from, or related to, the works activities authorised by this consent; the “Complaints Register”.</p> <ol style="list-style-type: none"> a. The Complaints Register must include: <ol style="list-style-type: none"> i. The date, time, location, and nature of the complaint. ii. The date, time, location and nature of any incident related to the complaint. iii. The name, phone number, email and address of the complainant, unless the complainant elects not to supply this information. iv. Details of actions taken by Consent Holder to remedy the situation, including actions taken on site to remedy the issue, correspondence with the complainant and any policies or methods put in place to avoid or mitigate the problem occurring again. b. The Complaints Register must be provided to Council on request and annually as required in condition 16. c. Upon receipt of any complaint that alleges non-compliance with the conditions of this consent, the Consent Holder must promptly investigate the complaint, and take necessary action to ensure the activity is compliant with the conditions of this consent.
16.	<p>The Consent Holder must submit an Annual Groundwater Report by the 31st of July each year which includes the following:</p> <ol style="list-style-type: none"> a. Details of any affected bores and alternative water supply provided in accordance with condition 7 of RM23.819.02. b. Details of any augmentation of the Tima Burn undertaken in accordance with condition 8 of RM23.819.02. c. Results of groundwater level monitoring required by condition 11 of RM23.819.02. d. Results of the water quality monitoring carried out in accordance with Conditions 12 and 13 of RM23.819.03; e. An analysis of the water quality data collected in accordance with Conditions 12 and 13 of RM23.819.03, prepared by a suitably qualified and experienced person, assessing whether the data shows that the Consent Holder’s activities are adversely impacting groundwater quality or any drinking water supply. f. A record of any complaints received in relation to the compliance with the conditions of this consent, including the information listed in condition 15.
Review Condition	
17.	<p>The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the</p>

	<p>conditions of this consent during the period of three months either side of the date of granting of this consent each year, or within two months of any enforcement action taken by the Consent Authority in relation to the exercise of this consent, or on receiving monitoring results, for the purpose of:</p> <ol style="list-style-type: none"> a. Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent; b. Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans, and/or the Otago Regional Policy Statement; c. Reviewing the frequency of monitoring or reporting required under this consent; d. Amending the monitoring programme set out in accordance with Conditions 10 to 13; or e. Varying the consented quantities and rates of take and monitoring, operating and reporting requirements, and performance requirements to respond to: <ol style="list-style-type: none"> i. the results of previous monitoring carried out under this consent and/or: ii. water availability, including alternative water sources; iii. actual and potential water use; iv. groundwater levels and/or the setting of aquifer restriction levels; v. surface water flow and level regimes; vi. groundwater or surface water quality; vii. efficiency of water use; viii. Instream biota, including fish passage and the functioning of aquatic ecosystems; or ix. new requirements for measuring, recording and transmission.
Notes to Consent Holder	
1.	<p><i>If you require a replacement consent upon the expiry date of this consent, any new application should be lodged at least 6 months prior to the expiry date of this consent. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent under section 124 of the Resource Management Act 1991 until a decision is made on the replacement application (and any appeals are determined).</i></p>
2.	<p><i>The Consent Holder is responsible for obtaining all other necessary consents, permits, and licences, including those under the Building Act 2004, the Biosecurity Act 1993, the Conservation Act 1987, and the Heritage New Zealand Pouhere Taonga Act 2014. This consent does not remove the need to comply with all other applicable Acts (including the Property Law Act 2007 and the Health and Safety at Work Act 2015), regulations, relevant Bylaws, and rules of law. This consent does not constitute building consent approval. Please check whether a building consent is required under the Building Act 2004.</i></p>
3.	<p><i>Where information is required to be provided to the Consent Authority in condition/s 6 to 12 this is provided in writing to compliance@orc.govt.nz, and the email heading is to reference RM23.819.02 and the condition/s the information relates to.</i></p>

4.	<i>The Consent Holder will be required to pay the Consent Authority an administration and monitoring charge to recover the actual and reasonable costs incurred to ensure ongoing compliance with the conditions attached to this consent, collected in accordance with Section 36 of the Resource Management Act 1991.</i>
5.	<i>It is the responsibility of the Consent Holder to ensure that the water abstracted under this resource consent is of suitable quality for its intended use. Where water is to be used for human consumption, the consent holder should have the water tested prior to use and should discuss the water testing and treatment requirements with a representative of the Ministry of Health and should consider the New Zealand Drinking Water Standards.</i>
6.	<i>The Consent Holder is advised that water supplied for human consumption may also need to meet the requirements of the Health Act 1956, the Drinking Water Standards for New Zealand 2005 (Revised 2018), and any other Ministry of Health requirements.</i>

RM23.819.03 – Discharge Permit to discharge sediment-laden water to water in a bore, and to land in a manner that may enter water.

Specific	
1.	The discharge of sediment-laden water to land and to water in a must be carried out in accordance with the plans and all information and all information submitted with the application, further information, additional information provided at the hearing and the Master Plan Set dated 24/6/2024. If there are any inconsistencies between the above information and the conditions of this consent, the conditions of this consent will prevail.
2.	This consent must be exercised in conjunction with Land Use Consent RM23.819.01, Water Permit RM23.819.02, Discharge Permit RM23.819.04.
3.	All personnel working on the site must be briefed on the contents of this consent document and any documents referred to in the conditions of this consent. A copy of this consent and any documents referred to in the conditions of this consent shall be immediately accessible on site.
4.	The duration of consent shall be 10 years from the commencement of the consent.
5.	The Consent Holder shall appoint a member of staff to be responsible for ensuring that the conditions of this consent are complied with; the “Compliance Officer”. <ul style="list-style-type: none"> a. The Compliance Officer shall be based on site a minimum of three days per week. b. The Consent Holder shall ensure that there is a nominated cover person for the Compliance Officer if the Compliance Officer is unavailable; the “Nominated Cover Person”. c. The Consent Holder shall provide the Compliance Officer’s and the Nominated Cover Person’s name and contact details to the Consent Authority and Aukaha (consents@aukaha.co.nz) prior to commencing mining on the site.
6.	This consent authorises the discharge of groundwater containing sediment to land, whereby it may enter water at locations adjacent to the transient mine pit pond between NZTM 2000 grid coordinates E 1318240 N 4939570 and NZTM E 1319440 N 4938130.

	Sediment retention ponds are to be sized appropriately to allow a minimum of 300mm freeboard, and to ensure they do not overflow.
7.	The volume of water discharged must not exceed: <ul style="list-style-type: none"> a. 124.8 litres per second; and b. 10,783 cubic metres per day.
8.	The Consent Holder must maintain a discharge buffer zone of at least 50 metres between the discharge to land, and the Clutha River/Mata-Au at all times and must ensure that there is no direct discharge from the sediment retention ponds to any surface watercourse.
9.	No contaminants other than silt, sediment and biodegradable flocculants shall be discharged.

Performance Monitoring

10.	<p>Following the commencement of this consent and prior to undertaking any discharge authorised by this consent, a water quality monitoring network must be established for the mine which must include:</p> <ul style="list-style-type: none"> a. Four new groundwater monitoring locations on the site boundaries at the following locations (NZTM 2000 co-ordinates), and as illustrated in the following table: <table border="1" data-bbox="584 936 1118 1151"> <thead> <tr> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1318342</td> <td>4939666</td> </tr> <tr> <td>1319425</td> <td>4938275</td> </tr> <tr> <td>1319434</td> <td>4938518</td> </tr> <tr> <td>1318799</td> <td>4939004</td> </tr> </tbody> </table> b. The settling pond and the exposed area of groundwater (mine pit pond), to assess discharge water quality. c. A bore adjacent to the Millers Flat Landfill. <p>If the above monitoring bores are relocated due to access being unavailable, the updated co-ordinates shall be submitted to the Consent Authority before drilling commences.</p>	X	Y	1318342	4939666	1319425	4938275	1319434	4938518	1318799	4939004
X	Y										
1318342	4939666										
1319425	4938275										
1319434	4938518										
1318799	4939004										
11.	The bore drilling and installation of the piezometers required by Condition 10 shall be overseen by a suitably qualified person. A report that demonstrates compliance with the requirements of Condition 10 shall be submitted to the Consent Authority within one month of the installation of the bore(s) or one month of the commencement of the consent.										
12.	The Consent Holder must take representative water samples from the water quality monitoring network established in Condition 10, commencing after the commencement of this consent and prior to undertaking any discharge authorised by this consent. Quarterly monitoring must continue for the duration of this consent unless the mine pit is completely rehabilitated, and the activity has permanently ceased. During each monitoring event: <ul style="list-style-type: none"> a. Water levels must be measured and recorded at the time of sampling. b. Field parameters (colour, odour, temperature, pH, Dissolved Oxygen (mg/L and % sat), Electrical Conductivity and Oxidation Reduction Potential) must be measured 										

	<p>and recorded at the time of sampling using a calibrated water quality meter in a flow cell. Samples must be collected after field parameters have stabilised to within 5% of the previous three measurements. Field filtering of samples must be completed for dissolved metals analysis.</p> <p>c. Samples must be analysed by a laboratory with IANZ accreditation or equivalent for total petroleum hydrocarbons, total suspended solids, turbidity, major ions (sodium, potassium, calcium, magnesium, alkalinity, chloride, sulphate, nitrate), copper, chromium, zinc, Arsenic and E-coli, iron and manganese. Samples must be analysed for both total and dissolved metals.</p> <p>d. The sampling must be undertaken by a suitably trained person in general accordance with the National Environmental Monitoring Standards Water Quality Part 1 of 4: Discrete Sampling, Measuring, Processing and Archiving of Discrete Groundwater Quality Data.</p> <p>e. The monitoring data shall be provided to the Consent Authority, Aukaha and the Millers Flat Water Company within 10 days of receipt of results.</p>
13.	<p>Quarterly (four times per year) water monitoring must be undertaken for total suspended solids and turbidity at the following sites:</p> <ul style="list-style-type: none"> • Final discharge infiltration area; • True left bank of the Clutha River/Mata-Au within 100 m upstream of the site; and • True left bank of the Clutha River/Mata-Au within 500 m downstream of final infiltration pond/area discharge. <p>This monitoring shall be undertaken for the duration of this consent, unless the mine pit is completely rehabilitated, and the activity has permanently ceased.</p> <p>The monitoring data shall be provided to the Consent Authority, Aukaha and the Millers Flat Water Company within 10 days of receipt of results.</p>
14.	<p>The measured value of the determinants in samples from monitoring bores measured in accordance with Conditions 12 must be compared to the NZ Drinking Water Standard Maximum Acceptable Value or Guideline (Aesthetic) Value, as specified in the relevant New Zealand Drinking Water Standards (“NZDWS”) at the time of sampling. If, either:</p> <ol style="list-style-type: none"> a. The measured value of any determinant exceeds the relevant NZDWS value, or b. The measured value of any determinant shows an increase from the previous value, where any determinant exceeded the relevant NZDWS value prior to the commencement of this consent, <p>then the Consent Holder must:</p> <ol style="list-style-type: none"> c. Advise the Consent Authority and any potentially affected water well owners within 48 hours of receipt of the results. Identification of potentially affected water wells shall be undertaken by a suitably qualified water quality expert. d. If the potentially affected water well is used for potable supply and the owner requests, the Consent Holder must provide the potentially affected well owner with an alternative water supply of at least 2,000 litres per day for each household. The alternative water supply shall be provided until such time as water quality testing and an assessment from the suitably qualified water quality expert demonstrates that any contamination of the potable supply well is either not likely to be caused by the Consent Holder, or the potentially affected water well returns

	<p>three tests that show that the contamination has been remedied. All costs shall be borne by the Consent Holder.</p> <p>e. Increase the sampling frequency at the monitoring bore which returned elevated results to once per week, until the affected bore returns at least three tests which show the contamination has been remedied.</p> <p>f. Within one week from the receipt of results, the Consent Holder shall begin an investigation into the cause of the elevated sample results. The investigation is to be carried out by a suitably qualified water quality expert and is to include, but is not limited to;</p> <ul style="list-style-type: none"> i. results of water quality sampling; ii. activities at the mine site; iii. activities at the neighbouring property(s); iv. rainfall prior to, and during, the investigation period; and v. any additional water quality monitoring that may be required to assess the potential cause of contamination. <p>d. Within one month of receipt of the elevated sample results, submit a report signed by a suitably qualified water quality expert to the Consent Authority and the potentially affected water well owners on the investigation undertaken, any potential sources of contamination identified, the likely cause(s) of the contamination and recommend any remedial measures to prevent or mitigate the contamination.</p>
15.	<p>If a report required under Condition 13 concludes that the discharge is causing a significant adverse water quality effect at a target monitoring bore, the Consent Holder must, within one month of receiving that report, implement additional or alternative sediment treatment/management measures to reduce the concentration of suspended solids entering the infiltration area and:</p> <ul style="list-style-type: none"> a. The Consent Holder must report to the Consent Authority, Aukaha and Millers Flat Water Company as soon as practicable on the completion of any such works; and b. Within 12 months of completion of any additional sediment treatment/management measures, the Consent Holder must provide a report to the Consent Authority, Aukaha and Millers Flat Water Company written by a suitably qualified person on the effectiveness of those measures.
General	
16.	There must be no direct discharge of any sediment-laden groundwater from the site to a surface water body.
17.	The Consent Holder shall ensure that the discharge authorised by this consent does not cause any flooding, erosion, scouring, land instability or damage to any adjacent property.
18.	<p>The Consent Holder must maintain a record of any complaints alleging adverse effects arising from, or related to, the works activities authorised by this consent; the “Complaints Register”.</p> <ul style="list-style-type: none"> a. The Complaints Register must include: <ul style="list-style-type: none"> v. The date, time, location, and nature of the complaint. vi. The date, time, location and nature of any incident related to the complaint.

	<ul style="list-style-type: none"> vii. The name, phone number, email and address of the complainant, unless the complainant elects not to supply this information. viii. Details of actions taken by Consent Holder to remedy the situation, including actions taken on site to remedy the issue, correspondence with the complainant and any policies or methods put in place to avoid or mitigate the problem occurring again. <p>b. The Complaints Register must be provided to Council on request and annually as required in condition 19.</p> <p>c. Upon receipt of any complaint that alleges non-compliance with the conditions of this consent, the Consent Holder must promptly investigate the complaint, and take necessary action to ensure the activity is compliant with the conditions of this consent.</p>
19.	<p>The Consent Holder must submit an Annual Groundwater Report by the 31st of July each year which includes the following:</p> <ul style="list-style-type: none"> a. Details of any affected bores and alternative water supply provided in accordance with condition 7 of RM23.819.02. b. Details of any augmentation of the Tima Burn undertaken in accordance with condition 8 of RM23.819.02. c. Results of groundwater level monitoring required by condition 11 of RM23.819.02. d. Results of the water quality monitoring carried out in accordance with Conditions 12 and 13 of RM23.819.03; e. The identity and expertise of the person(s) who collected water samples in accordance with Conditions 12 and 13 of RM23.819.03; f. An analysis of the water quality data collected in accordance with Conditions 12 and 13 of RM23.819.03, prepared by a suitably qualified and experienced person, assessing whether the data shows that the Consent Holder's activities are adversely impacting groundwater quality or any drinking water supply. g. A record of any complaints received in relation to the compliance with the conditions of this consent, including the information listed in condition 18.
Review	
20.	<p>The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent during the period of three months either side of the date of granting of this consent each year, or within two months of any enforcement action taken by the Consent Authority in relation to the exercise of this consent, or on receiving monitoring results, for the purpose of:</p> <ul style="list-style-type: none"> a. Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent; b. Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans, and/or the Otago Regional Policy Statement;

	<ul style="list-style-type: none"> c. Reviewing the frequency of monitoring or reporting required under this consent; d. Amending the monitoring programme set out in accordance with Conditions 10 to 15; or e. Varying the consented quantities and rates of take and monitoring, operating and reporting requirements, and performance requirements to respond to: <ul style="list-style-type: none"> i. the results of previous monitoring carried out under this consent and/or: ii. water availability, including alternative water sources; iii. actual and potential water use; iv. groundwater levels and/or the setting of aquifer restriction levels; v. surface water flow and level regimes; vi. groundwater or surface water quality; vii. efficiency of water use; viii. Instream biota, including fish passage and the functioning of aquatic ecosystems; or ix. new requirements for measuring, recording and transmission.
Notes to Consent Holder	
1.	<i>If you require a replacement consent upon the expiry date of this consent, any new application should be lodged at least 6 months prior to the expiry date of this consent. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent under section 124 of the Resource Management Act 1991 until a decision is made on the replacement application (and any appeals are determined).</i>
2.	<i>The Consent Holder is responsible for obtaining all other necessary consents, permits, and licences, including those under the Building Act 2004, the Biosecurity Act 1993, the Conservation Act 1987, and the Heritage New Zealand Pouhere Taonga Act 2014. This consent does not remove the need to comply with all other applicable Acts (including the Property Law Act 2007 and the Health and Safety at Work Act 2015), regulations, relevant Bylaws, and rules of law. This consent does not constitute building consent approval. Please check whether a building consent is required under the Building Act 2004.</i>
3.	<i>Where information is required to be provided to the Consent Authority in condition/s 10 to 15, this is provided in writing to compliance@orc.govt.nz, and the email heading is to reference RM23.819.02 and the condition/s the information relates to.</i>
4.	<i>The Consent Holder will be required to pay the Consent Authority an administration and monitoring charge to recover the actual and reasonable costs incurred to ensure ongoing compliance with the conditions attached to this consent, collected in accordance with Section 36 of the Resource Management Act 1991</i>

RM23.819.04 – Discharge Permit to discharge contaminants to air for the purpose of operating an alluvial gold mine.

Conditions	
1.	The discharge to air associated with the operation of the alluvial gold mine must be carried out in accordance with the plans and all information submitted with the application, further information, additional information provided at the hearing and the Master Plan Set dated 24/6/2024.

	If there are any inconsistencies between the above information and the conditions of this consent, the conditions of this consent will prevail.
2.	This consent must be exercised in conjunction with Land Use Consent RM23.819.01, Water Permit RM23.819.02, and Discharge Permit RM23.819.03.
3.	All personnel working on the site must be briefed on the contents of this consent document and any documents referred to in the conditions of this consent. A copy of this consent and any documents referred to in the conditions of this consent shall be immediately accessible on site.
4.	The duration of consent shall be 10 years from the commencement of the consent.
5.	The Consent Holder shall appoint a member of staff to be responsible for ensuring that the conditions of this consent are complied with; the "Compliance Officer". <ul style="list-style-type: none"> a. The Compliance Officer shall be based on site a minimum of three days per week. b. The Consent Holder shall ensure that there is a nominated cover person for the Compliance Officer if the Compliance Officer is unavailable; the "Nominated Cover Person". c. The Consent Holder shall provide the Compliance Officer's and the Nominated Cover Person's name and contact details to the Consent Authority) and Aukaha (consents@aukaha.co.nz) prior to commencing mining on the site.
6.	There must be no discharge of dust or the deposition of particulate matter beyond the boundary of the site that is noxious, dangerous, offensive or objectionable.
7.	Extracted material from the Site shall not be crushed on the Site.
8.	The Site Manager or another nominated person shall be available at all times (including outside mine operation hours) to respond to dust emission complaints and trigger level alerts in accordance with measures described in the Dust Management and Monitoring Plan (DMMP), as required by Condition 10.
9.	The maximum area of unconsolidated land comprising of the excavation area, backfilling areas and unvegetated rehabilitation area shall not exceed 12 hectares. <i>Advice Note: The maximum area of unconsolidated land does not include the haul roads, processing area, stockpiles, areas which are covered with 50mm (or more) of washed gravels or stabilised with a dust suppressant (excluding water), portacoms or workshops, and the associated service area.</i>
Dust Management and Monitoring Plan	
10.	The Consent Holder must submit a Dust Management and Monitoring Plan (DMMP) to the Consent Authority at least 15 working days prior to the exercise of this consent for certification that it documents, as a minimum: <ul style="list-style-type: none"> a. The objective of DMMP is to implement the conditions of this consent. b. The conditions of consent that the DMMP implements and how each condition is given effect to. c. A description of the dust sources on site.

- d. A description of the receiving environment, and identification of the Sensitive Receptor Management Zone (SRMZ), i.e. the dwelling and land within 20 m of the façade, located at:
 - i. 67 Clutha Road, Etrick.
 - ii. 5280 Etrick-Raes Junction Road
 - iii. 5330 Etrick-Raes Junction Road
 - iv. 1535a Teviot Road, Millers Flat.
- e. The dust mitigation methods (including dust reduction through design methodologies) which will be employed to ensure compliance with the conditions of this consent including, but not limited to:
 - i. Water suppression;
 - ii. Limiting height of stockpiles to 7m;
 - iii. Limiting topsoil stripping to 1ha in advance, except where necessary to provide for archaeological or cultural discovery;
 - iv. A speed limit for vehicles of 15km/h on unpaved surfaces;
 - v. Vegetating or otherwise stabilising rehabilitation areas and stockpiles.
- f. Additional dust suppression measures to be implemented within the SRMZ, including;
 - i. Undertaking earthworks in winter where practicable;
 - ii. Additional dust suppression activities;
 - iii. Limiting height of stockpiles to 4m.
- g. A description of particulate matter and wind monitoring requirements including:
 - i. Monitoring instrumentation methodology, installation and commissioning requirements including compliance with the relevant Standard(s) and maintenance and calibration procedures and frequency.
 - ii. The methods used to select the location and height of the wind monitoring equipment;
 - iii. The methods used to select the location of particulate matter monitors between active work areas and sensitive off-site receptors, with consideration of predominant wind direction;
 - iv. Details of wind speed trigger levels and the associated alarm system, including wind direction;
 - v. Details of the particulate matter trigger levels as set out in Conditions 20 and 21 and the associated alarm system; and
- h. A description of procedures for responding to dust and wind condition-based trigger levels and associated follow up investigations, actions and recording of findings;
- i. A system for training employees and contractors to make them aware of the requirements of the DMMP;
- j. Names and contact details of staff responsible for implementing and reviewing the DMMP in order to achieve the requirements of this consent, and procedures, processes and methods for managing dust outside of standard operating hours;
- k. A method for recording and responding to complaints from the public in accordance with Condition 23;

	<ul style="list-style-type: none"> l. Contingency measures for responding to dust suppression equipment malfunction or failures, including wind and particular matter monitoring instruments; m. A procedure for completing a start-of-day dust control checklist; n. Environmental information management for recording, quality assurance, archiving and reporting all data required to be collected and reported on under this consent; o. The process of reviewing and revising particulate trigger concentration levels set in Conditions 20 and 21; and p. The process of reviewing and updating the DMMP annually, and/or following a validated dust complaint.
11.	<ul style="list-style-type: none"> a. Activities authorised by this consent shall not commence until the Consent Holder has received written certification that the DMMP is consistent with the conditions of this consent. Notwithstanding this, the DMMP is deemed certified, and works may proceed if the Consent Holder has not received a response from the Consent Authority within 15 working days of the date of the submission of the DMMP. b. If the response from the Council is that they are not able to certify the management plans, such a response must include detailed reasons with reference to the conditions of consent that the Council consider the Management Plan does not meet. The Consent Holder must consider any reasons and recommendations provided by the Council, amend the management plan accordingly, and resubmit the management plan for certification to the Council. If the Consent Holder has not received a response from the Council within 5 working days of the date of resubmission for certification to Council of a management plan listed under this condition, the management plan must be deemed certified.
12.	The DMMP must be reviewed at least annually. The purpose of the review is to ensure that the DMMP remains fit for purpose and to address any changes required to respond to any non-compliance, public complaints or review of monitoring results in the previous year.
13.	<p>The Consent Holder may amend the DMMP at any time, in a way that is consistent with the conditions of this resource consent, to take into account:</p> <ul style="list-style-type: none"> a. Any positive measure/s to ensure the stated objectives of the management plan are achieved. b. Any changes required to further reduce the potential for adverse effects; c. Any required actions identified as a result of monitoring.
14.	Any DMMP amended in accordance with condition 13 or reviewed in accordance with condition 12 must be provided to the Consent Authority within 15 working days of its review/amendment, for re-certification in accordance with Conditions 10 and 11. Where the DMMP is amended or reviewed, the activity may continue in accordance with the previously certified version of the DMMP, until the revised version is certified by the Council.
15.	A copy of the latest version of the certified DMMP must be kept on site at all times. Subject to any other conditions of this consent and associated consents RM23.819.01, RM23.819.02 and RM23.819.03, all activities must be undertaken in accordance with the latest version of the certified DMMP.
Meteorological Monitoring	

16.	<p>Prior to any discharge of contaminants occurring under this consent, the Consent Holder shall install, or use an existing, meteorological monitoring station onsite that is, as far as practical, consistent with the requirements of AS/NZS 3580.1.1:2016 Methods for sampling and analysis of ambient air, Part 14: Meteorological monitoring for ambient air quality monitoring applications. The meteorological monitoring station must be capable of continuously monitoring:</p> <ol style="list-style-type: none"> a. Wind speed and direction at a minimum height of 5m above the natural ground level; b. Rainfall; c. Relative humidity; and d. Temperature.
17.	<p>All meteorological monitoring data shall be made available to the Consent Authority on request.</p>
<p>Particulate Matter Monitoring</p>	
18.	<ol style="list-style-type: none"> a. Prior to exercising this consent, the Consent Holder must commission, operate and maintain at least two real-time dust monitors (the “dust monitors”) for continuous monitoring of ambient particulate matter 10 micrometres or less in diameter (PM₁₀) concentrations. b. At all times the dust monitors should be located on, or near, the site boundary between the active work area and sensitive receptor(s) in the predominate downwind locations. c. The detailed process for locating the dust monitors must be outlined in the DMMP required by Condition 10.
19.	<p>All dust monitors must:</p> <ol style="list-style-type: none"> a. Be sited in general accordance with AS/NZS 3580.1.1:2016 Methods for sampling and analysis of air – Guide to siting air monitoring equipment; b. Have a GPS locator (or similar technology) which enables their locations to be remotely monitored and recorded; c. Provide and record the results continuously using an electronic data logging system with an averaging time for each parameter of not more than one minute; d. Record monitoring results in real-time as rolling 10-minute and 1-hour averages in an appropriate electronic format; e. Be fitted with an alarm system that is able to send warnings and alerts to the Site Manager or other nominated persons; and f. Be installed, operated, maintained and calibrated in accordance with the AS/NZS 3580.12.1:2015 Methods for sampling and analysis of ambient air – Determination of light scattering – Integrating nephelometer method, or else an equivalent or superior standard which is approved by the Consent Authority.
<p>Trigger Levels</p>	
20.	<p>The trigger concentration which indicates the potential for excessive mine-derived dust at or beyond the site boundary is a maximum real time PM₁₀ concentration of 150 micrograms per cubic metre, as a rolling 1-hour average, which shall be updated every ten minutes.</p>

21.	A pre-trigger concentration alert level shall be specified in the DMMP, the purpose of which is to provide an early warning that the trigger concentration in Condition 20 may be reached. This shall be a maximum PM ₁₀ concentration value of 150 micrograms per cubic metre, as a rolling 10-minute average, which shall be updated every 1 minute.
22.	<p>If at any time, including outside normal operating hours, visible dust is blowing beyond the site boundary or if the particulate matter monitoring trigger in Condition 20 is breached, the Consent Holder must:</p> <ol style="list-style-type: none"> a. Cease all mining activities, except dust suppression measures and processing of wet material in the dredge; b. Continue all dust suppression activities including but not limited to the immediate watering of both active and inactive exposed surfaces; c. Investigate possible sources of the dust; d. Only resume mining activities (other than dust suppression) once there is no longer visible dust blowing beyond the site boundaries and when the monitoring trigger in Condition 20 is no longer being breached; and e. Notify the Consent Authority within 24 hours, detailing its cause and the dust suppression actions undertaken.
Complaints	
23.	<p>The Consent Holder must maintain a record of any complaints alleging adverse effects arising from, or related to, the works activities authorised by this consent; the “Complaints Register”.</p> <ol style="list-style-type: none"> a. The Complaints Register must include: <ol style="list-style-type: none"> ix. The date, time, location, and nature of the complaint. x. The date, time, location and nature of any incident related to the complaint. xi. The name, phone number, email and address of the complainant, unless the complainant elects not to supply this information. xii. Details of actions taken by Consent Holder to remedy the situation, including actions taken on site to remedy the issue, correspondence with the complainant and any policies or methods put in place to avoid or mitigate the problem occurring again. b. The Complaints Register must be provided to Council on request and annually as required in condition 24. c. Upon receipt of any complaint that alleges non-compliance with the conditions of this consent, the Consent Holder must promptly investigate the complaint, and take necessary action to ensure the activity is compliant with the conditions of this consent.
Annual Reporting	
24.	<p>By the 30th of June each year, the Consent Holder must provide a report to the Consent Authority to include the following:</p> <ol style="list-style-type: none"> a. The number of occasions that the dust monitors recorded a breach of the trigger level in Conditions 20 and 21; b. Maintenance and calibration records for the dust monitors;

	<ul style="list-style-type: none"> c. Details of the work plan for the next 12 months, including indicative locations of the dust monitors during that period so as to comply with the requirements of condition 18 and 19 of this consent. d. A record of any complaints received in relation to the compliance with the conditions of this consent, including the information listed in condition 23.
Review	
25.	<p>The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent during the period of three months either side of the date of granting of this consent each year, or within two months of any enforcement action taken by the Consent Authority in relation to the exercise of this consent, or on receiving monitoring results, for the purpose of:</p> <ul style="list-style-type: none"> a. Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent; b. Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans, and/or the Otago Regional Policy Statement; c. Reviewing the frequency of monitoring or reporting required under this consent; and d. Amending the monitoring programme.
Notes to Consent Holder	
1.	<i>If you require a replacement consent upon the expiry date of this consent, any new application should be lodged at least 6 months prior to the expiry date of this consent. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent under section 124 of the Resource Management Act 1991 until a decision is made on the replacement application (and any appeals are determined).</i>
2.	<i>Where information is required to be provided to the Consent Authority, this is provided in writing to compliance@orc.govt.nz, and the email heading is to reference RM23.819.02 and the condition/s the information relates to.</i>
3.	<i>The Consent Holder will be required to pay the Consent Authority an administration and monitoring charge to recover the actual and reasonable costs incurred to ensure ongoing compliance with the conditions attached to this consent, collected in accordance with Section 36 of the Resource Management Act 1991.</i>