

## Consent No. WAR010227

**Categories: Water permits – Surface water takes [21598] and [31463]**

**Water permits –Take/divert surface water [31417], [31418], [31419], [31420], [31422] and [31423]**

**Discharge to water permit – [21599]**

**Land use consents to undertake works in the bed [21600] and [31416]**

Pursuant to sections 104B, 105, 107 and 108, and subject to all the relevant provisions of the Resource Management Act 1991 and any regulations made thereunder, a consent in respect of a natural resource is hereby granted to:

<b>Name</b>	Carterton District Council	
<b>Address</b>	PO Box 9, Carterton 5743	
<b>Duration of consents</b>	Granted: 28 June 2013 Commences: 19 July 2013	Expires: 28 June 2023
<b>Purposes for which right is granted</b>	[21598] and [31463]: To take and use surface water from the Waingawa River to operate the Taratahi Water Race system [31417], [31418], [31419], [31420], [31422] and [31423]: To take/divert surface water from various natural watercourses [21599]: To discharge water from the Taratahi Water Race system into various watercourses [21600] and [31416]: Land use consents to undertake works in the bed of the Waingawa River and various natural watercourses	
<b>Location</b>	Taratahi Water Race, Carterton at or about map reference NZTM 1813859.5469569	
<b>Legal description of land</b>	N/A	
<b>Water meter ID number</b>	292310/7	
<b>Volume/Quantity/Rate</b>	[21598]: To take up to 41,472m <sup>3</sup> /day, at a maximum rate of 480 litres/second [31463]: To take up to 69,120m <sup>3</sup> /day, at a maximum rate of 800 litres/second	
<b>Conditions</b>	1 - 55 as attached	

For and on behalf of  
WELLINGTON REGIONAL COUNCIL



.....  
Manager, Environmental Regulation  
Date: 19 July 2013

# Conditions to Resource Consent WAR010227

**Conditions to all resource consents WAR010227 [21598], [31463], [21600], [31416], [31417], [31418], [31419], [31420], [31422], [31423] and [21599]**

## General conditions for all consents

1. The location, design, implementation and operation of the take shall be in accordance with the consent application and its associated plans and documents lodged with the Wellington Regional Council on 29 June 2001, further information received on 30 September 2011 and 31 May 2012 and Map 1.0 (as appended).

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

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

2. The consent holder shall operate the Taratahi Water Race in accordance with a Code of Practice, which shall be developed and adopted within one year of the commencement of this consent.

The Code of Practice will aim to work towards improving water quality and water efficiency within the water race system and as a minimum shall include:

- Best practice measures for minimising stock access to water including fencing stock out of water races;
- Initiatives for progressing riparian planting within the water race network;
- Identify best practice procedures for cleaning out water races;
- A strategy that identifies localised areas, water race sections, and/or properties where water quality and water efficiency within the Taratahi Water Race network could be improved. The strategy shall set out a timetabled programme to be implemented during the term of the consent which investigates opportunities to proactively work with landowners in any identified localised areas, water race sections, and/or properties. This shall include (but is not limited to) investigating closing section of water races where alternative sources of supply exist, and actively promoting best practice of land and stock management to minimise water quality impacts.

3. Prior to adoption of the Code of Practice, the consent holder shall supply a copy of the draft Code of Practice to the Manager, Environmental Regulation, Wellington Regional Council, and interested parties for comment (these include but are not limited to: Wairarapa Public Health, Masterton District Council, Kahungunu ki Wairarapa, Federated Farmers of New Zealand, Wellington Fish and Game Council and Ted Taylor).

The consent holder shall consider all comments received from interested parties on the draft Code of Practice and amend accordingly.

4. The Wellington Regional Council may review any or all conditions of this consent by giving notice of its intention to do so pursuant to section 128 of the Resource Management Act 1991, at any time within three months of 30 June each year for the duration of this consent, for the purpose of:

Reviewing surface water allocation requirements; and/or  
Reviewing low flow restrictions and monitoring requirements; and/or



Dealing with any adverse effects on the environment which may arise from the exercise of this consent, and which is appropriate to deal with at a later stage; and/or  
Enabling consistency with the relevant Regional Plan(s)

**Notes:**

- a) This resource consent does not guarantee that quantity or quality of water will be maintained or available.
- b) Please contact the Wellington Regional Council, Environmental Regulation, if you plan to make any modifications to the intake structure, pump, or irrigation system. Any significant modifications may require you to apply for a change of consent conditions.
- c) A resource management charge, set in accordance with section 36(2) of the Resource Management Act 1991 shall be paid to the Regional Council for the carrying out of its functions in relation to the administration, monitoring, and supervision of resource consents and for the carrying out of its functions under section 35 (duty to gather information, monitor, and keep records) of the Act.
- d) The Wellington Regional Council shall be entitled to recover from the consent holder the costs of any review, calculated in accordance with and limited to the Council's scale of charges in force and applicable at that time pursuant to section 36 of the Resource Management Act 1991.

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## Conditions to resource consents WAR010227 [21598] and [31463] – Water permits to take and use surface water from the Waingawa River

### Rates and point of take

5. The taking of water from the Waingawa River at or about approximate map reference NZTM: 1813859.5469569 (T01) shall not exceed the following rates of take:

- 800 litres/second and 69,120m<sup>3</sup>/day when the flow in the Waingawa River at the Kaituna gauging site exceeds 3500 litres/second
- 480 litres/second and 41,472m<sup>3</sup>/day when the flow in the Waingawa River at the Kaituna gauging site is between 1900 and 3500 litres/second
- 410 litres/second and 35,424m<sup>3</sup>/day when the flow in the Waingawa River at the Kaituna gauging site is between 1700 and 1900 litres/second

### Up to and including 30 June 2016

- 367 litres/second and 31,709 m<sup>3</sup>/day when the flow in the Waingawa River at the Kaituna gauging site is less than 1700 litres/second.

### From 1 July 2016

- 337 litres/second and 29,117m<sup>3</sup>/day when the flow in the Waingawa River at the Kaituna gauging site is less than 1700 litres/second.

Approval to operate at 367 litres/second after 30 June 2016 will only be provided by the Manager, Environmental Regulation, Wellington Regional Council if the consent holder can clearly demonstrate the minimum operating requirements of the Taratahi water race during the first three years of this consent. This should be provided by collecting visual and empirical evidence of water quantity and water quality at all discharge locations during low flow periods each year and submitting this to the Manager, Environment Regulation, Wellington Regional Council by 31 May 2016.

*Note 1: It is the consent holder's responsibility to monitor flows in the Waingawa River to ensure compliance with this condition. The flow data can be found on Wellington Regional Council's website at: [www.gw.govt.nz](http://www.gw.govt.nz).*

*Note 2: The daily volume equates to 24 hours/day based on the maximum rate.*

*Note 3: The annual take volume shall be assessed for the period 1 July to 30 June the following year.*

*Note 4: The visual and empirical evidence of water quantity and water quality includes photographs and manual measurements of water depth and width in channel (and flow rate if measurable). Wellington Regional Council officers may accompany Carterton District Council staff during times of low flows to observe water quantity and water quality conditions.*

### Interim water measuring device/system

6. From the commencement of this consent (until a permanent water measuring device/system is installed in accordance with conditions 7-9) the consent holder shall maintain the existing rated measuring site at Wouters culvert (at or about map reference NZTM 1814132.5468441) to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.



## **Permanent water measuring device/system**

7. The consent holder shall install and maintain a sealed and tamper-proof water measuring device as close as practicable to the point of take, as soon as practicable, and by no later than 30 September 2013. The water measuring device shall measure both cumulative water abstraction and the instantaneous rate of take, and be capable of providing data in a form suitable for electronic storage. The water measuring device shall be maintained and calibrated to ensure that the error does not exceed +/-10%. The water measuring device shall be installed and maintained by a suitably qualified person in accordance with manufacturer's specifications and industry best practice guidelines, and to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

*Note 1: The Resource Management (Measuring and Reporting of Water Takes) Regulations 2010 came into effect on 10 November 2010. The standards for water measuring devices are specified in Regulation 6(6). If a water meter cannot be installed on the point of take, approval is required from Wellington Regional Council in accordance with Regulation 10.*

*Note 2: A suitably qualified person is an individual/company that is registered with the Water Measurement and Reporting Industry Accreditation Program or can demonstrate an appropriate standard of installation to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.*

*Note 3: Where industry best practice guidelines differ from manufacturer's specifications, the more stringent standard applies, unless special circumstances apply to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.*

8. The water measuring device/system required under condition 7 shall be calibrated to determine if the actual volume of water taken is within +/- 10% by undertaking a minimum of three flow gaugings per year over a range of flows, or at a greater frequency if directed in writing by the Manager, Environmental Regulation, Wellington Regional Council.

Calibration results shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council, by 31 May each year for the term of this consent.

9. The consent holder shall install a datalogger and telemetry unit on the water measuring device by 30 September 2013 that is compatible with Wellington Regional Council's Water Use Data Management System. The datalogger and telemetry unit shall as a minimum record the instantaneous rate of take and daily water use (m<sup>3</sup>).

The datalogger and telemetry unit shall be installed and maintained by a suitably qualified person in accordance with manufacturer's specifications and industry best practice guidelines, and to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

*Note 1: A suitably qualified person is an individual/company that is registered with the Water Measurement and Reporting Industry Accreditation Program or can demonstrate an appropriate standard of installation to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.*

## **Verification of the permanent water measuring device/system**

10. The consent holder shall verify the accuracy of the permanent water measuring device/system required under conditions 7-9 by 30 June 2014 to determine if the actual volume of water taken is within +/- 10%.

After the initial verification, the water measuring device/system shall be verified at least every five years, or at a greater frequency if directed in writing by the Manager, Environmental Regulation, Wellington Regional Council, to determine if the actual volume of water taken is within +/- 10%.



Any verification of the water measuring device/system under this condition must be performed by a suitably qualified person, that is to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

*Note 1: A suitably qualified person is an individual/company that is registered with the Water Measurement and Reporting Industry Accreditation Program or can demonstrate an appropriate standard of verification to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.*

11. Within one month of any verification being undertaken on the permanent water measuring devices as required by condition 10, the consent holder shall submit to the Manager, Environmental Regulation, Wellington Regional Council, a copy of the verification certificate/and or evidence documenting the calibration as completed by the person who undertook the verification.

### Keeping and supply records

12. The consent holder shall record daily water usage (in m<sup>3</sup>) of the interim water measuring device/system from the commencement of this consent until such time that the permanent water measuring device as required in conditions 7-9 is installed and operational.
13. The consent holder shall record instantaneous real-time readings of the permanent water measuring device from the date it is installed and operational, and by 30 September 2013 at the latest, which shall be submitted instantaneously in a suitable electronic format to Wellington Regional Council's Water Use Data Management System to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

*Note: A suitable electronic format for supplying records is one which is compatible with Wellington Regional Council's Water Use Data Management System, unless special circumstances apply to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.*

### Use of the water in the Taratahi water race

14. Water shall only be abstracted from the Taratahi water race for domestic, stock water, wetlands, indigenous habitats, amenity ponds and fire fighting purposes except for the approved water use activities described/included in Table 1 below:

**Table 1: Other abstractions authorised from the Taratahi Water Race Scheme**

Name	Location/address	Purpose/Use of water
Burling Transport	Norfolk Road/SH2 corner	Truck-wash, non-potable domestic
Hiremax	Norman Ave/SH2 corner	Machinery washing, stock watering, non-potable domestic
JNL	Norfolk Road/SH2 corner	Fire fighting and log yard washing
Kiwi Lumber	Norman Avenue	Fire fighting, machine washing, yard cleaning and non-potable domestic
Pinfolds Transport	State Highway 2, Clareville	Truck wash
Nursery	Norfolk Road	Plant watering and non-potable domestic
Sale yards	Norfolk Road	Stock water, wash down
Ravensdown Fertiliser Company	State Highway 2 Waingawa	Machinery cleaning, yard cleaning and non-potable domestic.
Urlar	Dakins Road	Frost protection
J Petrie	Cornwall Road	Frost protection
Leafwright	Dakins Road	Frost protection
Hayes	Dakins Road	Frost protection

McNab	Gladstone Road	Frost protection
Three Terraces	Dakins Road	Frost protection
Wairarapa Gun Club	Norfolk Road	Domestic
Tree Line	Norfolk Road	Topping up treatment tanks, yard cleaning and non-potable domestic.
Sharpes Stock Foods	Francis Line	Boiler top up, yard cleaning, non-potable domestic.
Honey Business	Francis Line	Yard cleaning, non-potable domestic.

*Note: Any water use not outlined in this condition will require a change of consent conditions.*

15. The consent holder shall install and maintain sealed and tamper-proof water measuring devices (water meters) as close as practicable to the point of approved water use identified in Table 1 in condition 14 within one year of the commencement of this consent. The water meters shall be calibrated to ensure that the error does not exceed +/- 5%.
16. Within three years of the commencement of this consent, the consent holder shall provide to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council, the maximum rates of abstraction (in litres/second and m<sup>3</sup>/day) for all the uses identified in Table 1 in condition 14.
17. Following the submission of the maximum rates of abstraction required under condition 16, the consent holder shall ensure that all water uses comply with their maximum rates of abstraction, and report to the Manager, Environmental Regulation, Wellington Regional Council, any exceedances of maximum abstraction rates for approved water uses.
18. There shall not be any overland flow of water out of any water race channel (i.e. water spilling out of the race channel onto adjacent land) except when there is high flow in the race due to high river flows, stormwater runoff into the race, and during any maintenance activities.



**Conditions to resource consents WAR010227 [31417], [31418], [31419], [31420], [31422] and [31423] – Water permits to take/divert water from various natural watercourses on the Taratahi plains**

**Rates and points of take from the Parkvale Stream (near Norfolk Road – T02)**

19. The taking/diversion of water from the Parkvale Stream (near Norfolk Road – T02) at or about approximate map reference NZTM: 1814695.5466331 shall not exceed a maximum rate of 60 litres/second
20. In addition to condition 19, the rate of take/diversion shall not exceed the amount of water supplied to the Parkvale Stream from the Taratahi water race at or about approximately map reference NZTM: 1814247.5467611 (D01).

**Rates and points of take from Parkvale Stream (near Wiltons Road – T03)**

21. The taking/diversion of water from the Parkvale Stream (near Wiltons Road – T03) at or about approximate map reference NZTM: 1816301.5462205 shall not exceed a maximum rate of 100 litres/second
22. In addition to condition 21, the rate of take/diversion shall not exceed the amount of water supplied to the Parkvale Stream from the Taratahi water race at map references NZTM: 1814247.5467611 (D01) and NZTM: 1815947.5463210 (D03) less the amount of water taken from the Parkvale Stream (near Norfolk Road – T02) at or about approximate map reference NZTM: 1814695.5466331.

**Rates and points of take from Waingawa Stream/Rayners Stream (near State Highway 2 – T04)**

23. The taking/diversion of water from the Waingawa Stream/Rayners Stream (near State Highway 2 – T04) at or about approximate map reference NZTM: 1817864.5460407 shall not exceed a maximum rate of 120 litres/second
24. In addition to condition 23, the rate of take/diversion shall not exceed the amount of water supplied to the Waingawa Stream/Rayners Stream from the Taratahi water race at map references NZTM: 1817925.5461649 (D04) and NZTM: 1817701.5460720 (D05) .

**Rates and points of take from Booths Creek (near Chester Road – T05)**

25. The consent holder may take/divert all of the water from the Booths Creek (at Chester Road – T05) at or about approximate map reference NZTM: 1814025.5459268.
26. In addition to condition 25, the consent holder shall ensure that:
  - a) A minimum of 10 litres/second is supplied to Booths Creek (at Carterton Golf Club D06 and D07) when the Waingawa River at the Kaituna gauging site is greater than 1900 litres/second.
  - b) A minimum of 5 litres/second is supplied to Booths Creek (at Carterton Golf Club D06 and D07) when the Waingawa River at the Kaituna gauging site is less than 1900 litres/second.

**Rates and points of take from Booths Creek (at Park Road – T06)**

27. The taking/diversion of water from Booths Creek (at Park Road – T06) at or about approximate map reference NZTM: 1813412.5454590 shall not exceed a maximum rate of 42 litres/second
28. In addition to condition 27, the rate of take/diversion shall not exceed the amount of water supplied to Booths Creek from the Taratahi water race at any point within the Carterton Golf Club, in particular at or about map references NZTM: 1813828.5458639 (D06) and NZTM: 1813890.5458254 (D07); and NZTM: 1812718.5456734 (D08), and NZTM: 1813359.5455700 (D09).





### **Rates and points of take from Parkvale Stream (at Hughes Line – T07)**

29. The taking/diversion of water from the Parkvale Stream (at Hughes Line – T07) at or about approximate map reference NZTM: 1816927.5458493 shall not exceed a maximum rate of 10 litres/second

### **Monitoring of water takes/diversions**

30. The consent holder shall measure the flow of the water takes/diversions and any upstream discharges from the Taratahi water race on two occasions per year at the following locations:
- Water take/diversion from Parkvale Stream (near Norfolk Road – T02) at or about approximate map reference NZTM: 1814695.5466331
  - Water take/diversion from Parkvale Stream (near Wiltons Road – T03) at or about approximate map reference NZTM: 1816301.5462205
  - Water take/diversion from Waingawa Stream/Rayners Stream (near State Highway 2 – T04) at or about approximate map reference NZTM: 1817864.5460407
  - Water take/diversion from Booths Creek (at Park Road – T06) at or about approximate map reference NZTM: 1813412.5454590
  - Discharge from the Taratahi water race to Parkvale Stream at or about map references NZTM: 1814247.5467611 (D01) and NZTM: 1815947.5463210 (D03)
  - Discharge from the Taratahi water race to Waingawa Stream/Rayners Stream at or about map reference NZTM: 1817925.5461649 (D04) and NZTM: 1817701.5460720 (D05)
  - All discharges from the Taratahi water race to Booths Creek at any point within the Carterton Golf Club, in particular at or about map reference NZTM: 1813828.5458639 (D06) and NZTM: 1813890.5458254 (D07); and NZTM: 1812718.5456734 (D08), and NZTM: 1813359.5455700 (D09).

On each monitoring occasion, all of the above sites shall be assessed on the same day at a time of relatively stable flow. The two monitoring days per year should be at least one month apart and occur between October and April inclusive.

31. The results of the two flow assessments undertaken in condition 30 shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council, by 31 May each year for the term of this consent.



## Conditions to resource consent - WAR010227 [21599] – Discharge permit

### Discharge points

32. All discharges to natural watercourses shall be limited to discharge locations identified on Map 1.0. In particular, the consent holder shall manage all water race crossovers identified on Map 1.0 to ensure there are no discharges to natural watercourses at these points except where there is high flow in the race due to high river flows, stormwater runoff into the race, and during any maintenance activities.
33. The consent holder shall ensure that the discharge of water from the Taratahi Water Race does not cause scour of the banks or river and stream beds at any of the discharge locations.

### Managing effects on receiving environment

34. After reasonable mixing, the discharge of water from the Taratahi Water Race into natural watercourses at any of the discharge locations identified in Map 1.0 shall not cause any of the following effects:
- The production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
  - Any conspicuous change in the colour or visual clarity
  - The rendering of freshwater unsuitable for consumption by farm animals
  - Any significant adverse effects of aquatic life
  - Undesirable biological growths
  - The temperature to be changed by more than 3°C or to exceed 25°C

*Note: For the purposes of this consent, reasonable mixing is defined as 30 metres downstream of any discharge point.*

### Water quality monitoring programme

35. The consent holder shall commence a water quality monitoring programme within three months of the commencement date of this consent as outlined in Table 2 below:

**Table 2: Water quality monitoring sites**

Monitoring site		NZTM map reference
M01	Taratahi water race at intake	1813900.5469520
M02	Discharge to tributary of Parkvale Stream near Somerset Road	1815740.5452983
	Tributary of Parkvale Stream upstream of M02 discharge	
	Tributary of Parkvale Stream 30m downstream of M02 discharge	
M03	Discharge to tributary of Para Stream at Waihakeke Road (James' property)	1811134.5451120

The consent holder shall collect samples from each of the monitoring sites identified in Table 2 every two months and analyse samples for parameters identified in Table 3:



**Table 3: Water quality monitoring parameters**

Parameter	Measurement unit and detection limit
<i>Escherichia coli</i>	1 cfu/100 mL
Ammoniacal nitrogen	0.001 g/m <sup>3</sup>
Nitrate-nitrite nitrogen	0.002 g/m <sup>3</sup>
Total nitrogen	0.1 g/m <sup>3</sup>
Soluble inorganic nitrogen	0.1 g/m <sup>3</sup>
Dissolved reactive phosphorus	0.004 g/m <sup>3</sup>
Total phosphorus	0.004 g/m <sup>3</sup>
Dissolved Oxygen (absolute and percentage saturation)	0.01 g/m <sup>3</sup> and 1 % saturation (using a field meter)
Water temperature	0.01°C (field meter)
Total suspended solids	<3 g/m <sup>3</sup>
pH	0.01 units (field meter)
Conductivity	0.1 uS/cm (field meter)

*Note 1: The water quality monitoring programme may be amended by mutual agreement between the consent holder and the Wellington Regional Council after three years in accordance with condition 40 below.*

*Note 2: In the event that the monitoring programme highlights degrading water quality in either the Taratahi water race or associated receiving environment, the Wellington Regional Council is likely to initiate a formal review of the monitoring programme (as provided for in condition 4) and increase the frequency and locations of water quality monitoring.*

36. To coincide with the monitoring undertaken in accordance with condition 35, the consent holder shall measure (spot gauge) the flow at each monitoring site. The flow gauging shall be carried out by a suitably qualified or experienced person and the flow gauging error shall be no more than  $\pm 10\%$ . Where flow gaugings are deemed to be not practicable, the consent holder shall provide a flow estimate, to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.
37. All sampling techniques employed in respect of the conditions of these consents shall be to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council. Unless specifically approved otherwise in writing by the Manager, Environmental Regulation, Wellington Regional Council, all analytical testing undertaken in connection with these consents shall be performed by a laboratory that is IANZ accredited.

#### **Reporting on monitoring programme**

38. The results of the water quality monitoring programme identified in conditions 35-37, shall be submitted to the Manager, Environmental Regulation, Wellington Regional Council, by 31 May each year and include all the results obtained for the preceding calendar year.

#### **Water quality audit and review of monitoring programme**

39. The consent holder shall undertake a Water Quality Audit of the Taratahi Water Race within three years of the commencement of this consent and submit a report of the findings to the Manager, Environmental Regulation, Wellington Regional Council at the end of this three year period. The audit shall:
- Assess the impact of the discharges on natural watercourses based on the water quality monitoring programme identified in conditions 35-37.
  - Outline what mitigation measures will be undertaken to further reduce any potential impacts.
  - Provide any recommended changes to the water quality monitoring programme



40. Following the submission of the water quality audit in condition 39, the water quality monitoring programme under consent conditions 35-37 may be altered or reduced as a result of the review by written agreement between the consent holder and the Manager, Environmental Regulation, Wellington Regional Council. If, under any reduced monitoring programme, monitoring results consistently show an increase in water quality parameters compared to the reduction assessed at the time of any review, then the monitoring as set out in conditions 35-37 shall be resumed at the direction of the Manager, Environmental Regulation, Wellington Regional Council.

*Note: If agreement cannot be reached on the water quality monitoring during such a review, either an application for a change of consent conditions, or a formal review of the consent will need to be made in accordance with either Section 127 or Section 128 of the Resource Management Act 1991.*

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# Conditions to resource consent WAR010227 [21600] and [31416] - Land use consent to undertake works in the bed of the Waingawa River and various natural watercourses on the Taratahi plains

## Nature and scale of works

41. This resource consent authorises the following works:

- All reasonable works associated with maintenance or repair of the inlet structure (including the clearance of silt, vegetation and gravel away from that inlet structure) on the true right bank of the Waingawa River at or about approximate map reference NZTM: 1813859.5469569.
- All reasonable works to maintain or repair the intake weir structure
- All reasonable works associated with maintenance and repair of any structures in natural watercourses within 10 metres either side of all intake structures, crossover points and within 50 metres downstream of discharge locations identified in Map 1.0
- All reasonable works associated with the maintenance of natural watercourses identified as 'Water race (using an ephemeral stream bed)' and Natural stream bed (conveying race water) in Map 1.0; including cleaning and removing excess silt and vegetation in order to convey water in an efficient manner.
- Construction of crossings (i.e. bridges or culverts) in any natural watercourses identified as 'Water race (using an ephemeral stream bed)' in Map 1.0.
- The permanent diversion and realignment of up to 300 metres (per year) of any natural watercourses identified as 'Water race (using an ephemeral stream bed)' in Map 1.0.

*Note 1: No resource consent is required for any works in water race channel identified as 'Water race (using race channel)' in Map 1.0*

*Note 2: No piping of any natural watercourses identified as 'Water race (using an ephemeral stream bed)' in Map 1.0 is authorised by this resource consent, unless it is a length of pipe necessary for the width of the crossing.*

*Note 3: This resource consent does not authorise any works in natural watercourses outside the areas identified above or authorise the consent holder to access properties without first obtaining permission from the landowner.*

42. The consent holder shall provide a copy of this consent to any operator undertaking the works authorised by this consent, prior to any works commencing.

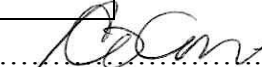
*Note: It is recommended that the operator be verbally briefed on the requirements of the conditions.*

## Notification and approval of works

43. The consent holder shall undertake works authorised under condition 41, in accordance with the notification and approval procedures identified in Table 4 below:

**Table 4: Notification and approval procedures**

Activity	Procedures
Crossings in natural watercourses identified as 'Water race (using an ephemeral stream bed)' in Map 1.0	Submission of crossing proposal in accordance with condition 44 at least 7 days prior to construction. Commencement following approval of Manager, Environmental Regulation, Wellington Regional Council
Permanent diversion and realignment of natural watercourse identified as 'Water race (using an ephemeral stream bed)' in Map 1.0	Submission of diversion/realignment proposal in accordance with condition 45 at least 7 days prior to construction. Commencement following approval of Manager,



	Environmental Regulation, Wellington Regional Council
Maintenance works - disturbance of river/stream bed	No notification or approval required during normal operating hours (7am and 5pm Monday to Friday inclusive excluding public holidays)  Notification as soon as practicable after commencement of works outside of normal operating hours
Maintenance works - deposition of material or erection of structure in river/stream bed	Notification of works at least 7 days prior to works

The notification and approval procedures identified in Table 4 above, can be amended with the written agreement of the consent holder and the Manager, Environmental Regulation, Wellington Regional Council.

*Note: Notification shall be provided by via email to [notifications@gw.govt.nz](mailto:notifications@gw.govt.nz). Please include the consent reference WAR010227 and the name and phone number of a contact person.*

### **Crossings in natural watercourses**

44. Any crossing proposal in a natural watercourse identified as 'Water race (using an ephemeral stream bed)' in Map 1.0 and condition 41, shall include an assessment of the capacity of the crossing and what measures will be put in place to ensure fish passage.

### **Diversion or realignment in natural watercourses**

45. Any proposal to divert or realign a natural watercourse identified as 'Water race (using an ephemeral stream bed)' in Map 1.0 and condition 41, shall include the following:
- Justification for why the realignment is required,
  - An assessment of the potential erosion or scour effects that may arise from the diversion/realignment;
  - Any proposed offset mitigation measures including (but not limited to) riparian planting and fencing measures.

### **Machinery in the river or stream bed**

46. The consent holder shall ensure that:
- a) All machinery is thoroughly cleaned of vegetation (e.g. weeds), seeds or contaminants at least 10 metres away from any watercourse, water flow channel or stormwater system, prior to entering the site
  - b) All machinery shall be regularly maintained in such a manner to ensure no contaminants (including but not limited to oil, petrol, diesel, and 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 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 is cleaned, stored or refuelled within 10 metres of any water body, water flow channel or storm water system.
47. In the event of a spill of fuel, hydraulic fluid, or other potential liquid contaminants, immediate steps shall be taken to contain the spilt contaminant. The spilt contaminants and any material used to contain it shall be removed from the site and disposed of at authorised landfill. The consent holder shall also immediately notify the Manager, Environmental Regulation, Wellington Regional Council of the spill and actions to be taken.
48. All equipment and surplus materials used for any of the activities shall be removed from the bed of the river on completion of the works.



49. The consent holder shall ensure that any erosion of the river bank and damage to access tracks and/or river protection works, that is a direct result of works authorised by this consent, shall be repaired as soon as practicable.

### **Reducing effects on water quality and fish life**

50. The consent holder shall keep all works in the active channel of natural watercourses to a practical minimum, and take all practical steps to minimise the release of suspended sediment during any works in the active channel during the construction, implementation and maintenance of the works, including:
- a) completing all works in the minimum time practicable;
  - b) minimising the area of disturbance at all times;
  - c) minimising time spent by machinery working in the wetted active channel;
  - d) channel crossings shall be kept to a minimum;
  - e) minimising the placement of construction or excavated material in the wetted channel.
51. The consent holder shall ensure that fish passage is maintained at all times during the works and the intake structures shall not prevent the passage of fish at any time. The consent holder shall ensure that any eels or fish removed during works are put back into the stream as soon as practicable.
52. The consent holder shall only undertake essential and unavoidable works in the active channel of the Waingawa River during the trout spawning period between 1 June and 30 August inclusive, following consultation with Wellington Fish and Game Council.

### **Effects on birds – Waingawa River intake**

53. The consent holder shall take all reasonable steps to identify the location of nests and avoid disturbance to nesting banded dotterels, black-fronted dotterels, black-billed gulls, pied stilts and variable oyster-catchers during the months of September to December, inclusive.

### **Keeping and supplying records of maintenance works**

54. The consent holder shall keep a log of all maintenance works undertaken as part of this resource consent and supply it to the Manager, Environmental Regulation, Wellington Regional Council, on request.
55. The consent holder shall submit to the Manager, Environmental Regulation, Wellington Regional Council, by 31 May each year a summary of all works undertaken as part of this resource consent for the preceding calendar year. This shall include (but is not limited to):
- The total length of any diversion/realignment works undertaken in areas specified as '*Water race (using an ephemeral stream bed)*' in Map 1.0
  - A summary of any new crossings installed in areas specified as '*Water race (using an ephemeral stream bed)*' in Map 1.0
  - A summary of the total length of any cleaning operations in areas specified as '*Water race (using an ephemeral stream bed)*' and '*Natural stream bed (conveying race water)*' in Map 1.0
  - A summary of maintenance works undertaken at the Waingawa River intake, and any other intake structures, crossover points and discharge points in the beds of any natural watercourses (i.e. *Water race (using and ephemeral stream bed)* and *Natural stream bed (conveying race water)* in Map 1.0).

