Appendix 1
Maps, Photographs and Water Conservation Order

Maps of Potential Discharge Locations

Figure 1: Locations of overflow sites in and near Queenstown and Lake Hayes. Source: ORC Maps.

Figure 2: Locations of overflow sites in and near Wanaka and Hawea. Source: ORC Maps.
Figure 3: Locations of overflow sites near Glenorchy. Source: ORC Maps.

Figure 4: Locations of overflows in Kingston. Source: ORC Maps.
Figure 5: Location of overflow near Cardrona. Source: ORC Maps.

Figure 6: Outline of Wanaka Basin Groundwater Protection Zone. Source: RPW.
Figure 7: Outline of Cardrona Alluvial Ribbon Aquifer Groundwater Protection Zone. Source: RPW.

Figure 8: Wanaka and Hawea Basin Aquifers Groundwater Protection Zones. Source: RPW.
Photographs of Previous Overflow Events

Photograph 1 Discharge to Kawarau River\(^1\) showing overflow containing female sanitary products

Photograph 2 : Discharge to Kawarau River\(^2\) showing outlet pipe and toilet waste contained in overflow

\(^1\) Otago Regional Council vs Queenstown Lakes District Council [2017] NZDC 28767
\(^2\) Otago Regional Council vs Queenstown Lakes District Council [2017] NZDC 28767
Photograph 3 Discharge overflowing from a manhole across the Kelvin Heights public track adjacent to Loop Road, before flowing into Lake Wakatipu. 

3 Otago Regional Council vs Queenstown Lakes District Council [2019] NZDC 832
Schedule 2 of the Water Conservation (Kawarau) Order 1997

Schedule 2
Waters to be protected

All map references are NZMS 1 unless otherwise stated

<table>
<thead>
<tr>
<th>Waters</th>
<th>Outstanding characteristics</th>
<th>Restrictions and prohibitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kawarau River mainstem from Scrubby Stream to Lake Wakatipu control gates (S133:940715 to S132:615707)</td>
<td>(c) wild and scenic characteristics; (c) natural characteristics, in particular the return flow in the upper section when the Shotover River is in high flood; (d) scientific values, in particular the return flow in the upper section when the Shotover River is in high flood; (e) recreational purposes, in particular rafting, jetboating, and kayaking.</td>
<td>(i) no damming allowed; (ii) water quality to be managed to Class CR standard</td>
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<tr>
<td>Nevis River mainstem gorge from Nevis Crossing to Kawarau River confluence (NZTM: 5002690.6 N, 1287862.0 E to 4989927.5 N, 1285354.6 E)</td>
<td>(a) native fishery habitat (non-migratory galaxiids); (c) wild and scenic characteristics; (e) recreational purposes, in particular fishing and kayaking.</td>
<td>(i) no damming or diversion allowed; (ii) water quality to be managed to Class CR, Class F, and Class FS standards.</td>
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<tr>
<td>Nevis River mainstem above Nevis Crossing to source (NZTM: 4989927.5 N, 1285354.6 E to 4959907.3 N, 1269995.5 E)</td>
<td>(a) native fishery habitat (non-migratory galaxiids); (c) scenic characteristics; (d) scientific – biogeographic river capture; (e) recreational purposes, in particular fishing.</td>
<td>(i) no damming or diversion allowed; (ii) water quality to be managed to Class F and Class FS standards</td>
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<tr>
<td>Nevis River tributaries</td>
<td>(a) native fishery habitat (non-migratory galaxiids).</td>
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<tr>
<td>Shotover River mainstem (at or about S132:645720 to S114:542262)</td>
<td>c) wild and scenic characteristics; (c) natural characteristics, in particular the high natural sediment load and active delta at confluence with Kawarau River; (d) scientific value, in particular the high natural sediment load and active</td>
<td>(i) no damming allowed; (ii) water quality to be managed to Class CR standard.</td>
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</tbody>
</table>
Dart River mainstem from Lake Wakatipu to confluence with Beans Burn (at or about S122:291916 to S113:226162)

- (a) habitat for wildlife;
- (c) scenic characteristics;
- (c) natural characteristics, in particular natural turbidity;
- (d) scientific value, in particular natural turbidity;
- (g) significance in accordance with tikanga Maori, in particular sites at the mouth of the river;

- (i) no damming allowed;
- (ii) braiding of water to be maintained.

Rees River mainstem from Lake Wakatipu to confluence with Hunter (at or about S123:301915 to S114:363204)

- (a) habitat for wildlife;
- (c) scenic characteristics;
- (g) significance in accordance with tikanga Maori, in particular sites at the mouth of the river;

- (i) no damming allowed;
- (ii) braiding of water to be maintained.

Diamond Lake, Diamond Creek, and Reid Lake (at or about S122:290050; S122:299036 to S123:305987)

- (a) habitat for wildlife and quinnat salmon;
- (b) fishery.

- (i) no damming allowed;
- (ii) fish passage to be maintained;
- (iii) water quality to be managed to Class F and Class FS standards.

Lake Wakatipu (from outlet at control gates (S132:615707) to confluences of Dart River (at or about S122:291916) and Rees River (at or about S123:301915) and including whole lake)

- (b) fishery;
- (c) scenic characteristics;
- (d) scientific value, in particular water clarity, and bryophyte community;
- (e) recreational purposes, in particular boating;
- (g) significance in accordance with tikanga Maori, in particular sites at the head of the lake, and the legend of the lake itself.

- (i) fish passage to be maintained;
- (ii) water quality to be managed to Class AE, Class CR, Class F, and Class FS standards.

Lochy River mainstem (S132:592511 to S142:328409 and S142:307380)

- (b) fishery;
- (e) recreational purposes, in particular fishing.

- (i) fish passage to be maintained;
- (ii) water quality to be managed to Class F and Class FS standards.

Von River mainstem (S132:353629 to S141:288380 and S131:216620)

- (b) fishery;
- (e) recreational purposes, in particular fishing.

- (i) fish passage to be maintained;
- (ii) water quality to be managed to Class F and Class FS standards.

Key:
Outstanding characteristics (s 199(2)(b) and (c) of Act):
(a) as habitat for terrestrial or aquatic organisms:
(b) as a fishery:
(c) for its wild, scenic or other natural characteristics:
(d) for scientific and ecological values:
(e) for recreational purposes:
(f) for historical purposes:
(g) for significance in accordance with tikanga Maori.

Restrictions and prohibitions:
References to classes are Water quality classes as in Schedule 3 of the Act.