

## 13 Discharges to Land and Water

### 13.1A Objectives

#### **Objective 13-1: Regulation of discharges^ to land^ and water^**

The regulation of *discharges^* onto or into *land^* (including those that enter *water^*) or directly into *water^* in a manner that:

- (a) has regard to the Values and management objectives in Schedule AB,
- (b) has regard to the objectives and policies of Chapter 6 as they relate to surface *water^* and groundwater quality, and
- (c) where a *discharge^* is onto or into *land^*, avoids, remedies or mitigates adverse *effects^* on surface *water^* or groundwater.

### 13.1 Policies

#### **Policy 13-1: Consent decision-making for *discharges^* to *water^***

When making decisions on *resource consent^* applications, and setting consent *conditions^*, for *discharges^* of *water^* or *contaminants^* into *water^*, the Regional Council ~~will~~ must have ~~particular~~ regard to:

- (a) ~~the objectives and policies of Chapter 6 regarding the Schedule AB Values of waterbodies and the management of surface water quality and discharges the *water^* quality targets in Schedule D,~~
- (b) avoiding *discharges^* which contain any persistent *contaminants^* that are likely to accumulate in a *water body^* or its *bed^*,
- (c) the appropriateness of adopting the *best practicable option^* to prevent or minimise adverse *effects^* in circumstances where:
  - (i) ~~it is difficult to establish *discharge^* standards parameters for a particular *discharge^* that recognise and provide for give effect to the management approaches for *water^* quality and *discharges^* set out in Chapter 6, or~~
  - (ii) the likely potential adverse *effects^* are likely to be minor, and the costs associated with adopting the *best practicable option^* are small in comparison to the costs of investigating the likely *effects^* on *land^* and *water^*, and
- (d) the objectives and policies of Chapters 3, 4, 7, ~~9~~, 10 and 11A to the extent that they are relevant to the *discharge^*.

**Policy 13-2: Consent decision-making for *discharges*<sup>^</sup> to *land*<sup>^</sup>**

When making decisions on *resource consent*<sup>^</sup> applications, and setting consent *conditions*<sup>^</sup>, for *discharges*<sup>^</sup> of *contaminants*<sup>^</sup> onto or into *land*<sup>^</sup> the Regional Council will must have ~~particular~~ regard to:

- (a) the objectives and policies of Chapter 6 regarding the management of groundwater quality and *discharges*<sup>^</sup>,
- (b) where the *discharge*<sup>^</sup> may enter surface water<sup>^</sup> or have an adverse *effect*<sup>^</sup> on surface water<sup>^</sup> quality, the degree of compliance with the approach for managing surface water<sup>^</sup> quality set out in Chapter 6,
- (c) avoiding as far as reasonably practicable any adverse *effects*<sup>^</sup> on any sensitive receiving *environment*<sup>^</sup> or potentially incompatible *land*<sup>^</sup> uses, in particular any ~~houses~~ residential buildings, schools educational facilities, churches, marae, public areas, infrastructure<sup>^</sup> and other physical resources of regional or national importance identified in Policy 3-1, wetlands<sup>^</sup>, surface water bodies<sup>^</sup>, and the coastal marine area<sup>^</sup>;
- (d) the appropriateness of adopting the *best practicable option*<sup>^</sup> to prevent or minimise adverse *effects*<sup>^</sup> in circumstances where:
  - (i) it is difficult to establish ~~discharge~~<sup>^</sup> standards parameters for a particular *discharge*<sup>^</sup> that ~~recognise and provide for~~ give effect to the management approaches for water<sup>^</sup> quality and *discharges*<sup>^</sup> set out in Chapter 6,
  - (ii) the ~~likely~~ potential adverse *effects*<sup>^</sup> are likely to be minor, and the costs associated with adopting the *best practicable option*<sup>^</sup> are small in comparison to the costs of investigating the likely *effects*<sup>^</sup> on *land*<sup>^</sup> and *water*<sup>^</sup>,
- (e) avoiding *discharges*<sup>^</sup> which contain any persistent *contaminants*<sup>^</sup> that are likely to accumulate in the soil or groundwater, and
- (f) the objectives and policies of Chapters 3, 4, 7, 10 and 11A to the extent that they are relevant to the *discharge*<sup>^</sup>.

**Policy 13-2A: Industry-based standards**

The Regional Council will examine relevant industry-based standards (including guidelines and codes of practice) and may accept compliance with those standards as being adequate to avoid, remedy or mitigate adverse *effects*<sup>^</sup> to the extent that those standards address the matters in Policies 13-1 and 13-2.

**~~Policy 6-10~~ 13-2B: Options for *discharges*<sup>^</sup> to surface *water*<sup>^</sup> and *land*<sup>^</sup>**

When applying for consents and making decisions on consent applications for *discharges*<sup>^</sup> of *contaminants*<sup>^</sup> into *water*<sup>^</sup> or onto or into *land*<sup>^</sup>, the opportunity to utilise alternative *discharge*<sup>^</sup> options, or a mix of *discharge*<sup>^</sup> regimes, for the purpose of mitigating adverse *effects*<sup>^</sup> where reasonably practicable, ~~shall~~ must be considered, including but not limited to:

- (a) discharging *contaminants*<sup>^</sup> onto or into *land*<sup>^</sup> ~~in preference to~~ as an alternative to discharging *contaminants*<sup>^</sup> into *water*<sup>^</sup>,
- (b) withholding from discharging *contaminants*<sup>^</sup> into surface *water*<sup>^</sup> at times of low flow, and

- (c) adopting different treatment and discharge options for discharges to different receiving *environments* or at different times (including different flow regimes or levels in surface *water bodies*).

**Policy 13-2C: Management of dairy farming\* land^ uses**

When making decisions on resource consent^ applications, and setting consent conditions^, for dairy farming\* as a land^ use, the Regional Council must:

- (a) have regard to Policy 6-7,
- (b) ensure that nitrogen leaching from the land^ is minimised as far as reasonably practicable for existing land^ uses,
- (c) ensure that nitrogen leaching from new dairy farming\* land^ uses does not exceed nitrogen leaching rates based on the natural capital^ of each LUC\* class of land^ used for dairy farming\*, and
- (d) ensure that dairy cattle are excluded from surface water^ as far as reasonably practicable.

**Policy 13-3: Management of discharges^ of domestic wastewater\***

When making decisions on resource consent^ applications, and setting consent conditions^, for on-site discharges^ of domestic wastewater\*, the Regional Council ~~will~~ must generally ensure that the discharge^ is in accordance with the Manual for On-site Wastewater Systems Design and Management (Horizons Regional Council, ~~2006~~ 2010).

For discharges^ that are not in accordance with the Manual for On-site Wastewater Systems Design and Management (Horizons Regional Council, ~~2006~~ 2010) the Regional Council ~~will~~ must make decisions on resource consent^ applications, and set consent conditions^, for on-site discharges^ of domestic wastewater\*, to ensure that:

- (a) the site\* is suitable for the intended on-site wastewater management system,
- (b) the discharge^ does not result in actual or potential contamination of:
- (i) groundwater at any point of abstraction utilised for irrigation, stock or domestic drinking water^,
  - (ii) surface *water bodies*^,
  - (iii) stormwater drains,
  - (iv) artificial watercourses\*, or
  - (v) neighbouring *properties\**,
- (c) the discharge^ does not constitute a public health threat,

- (d) the *discharge*<sup>^</sup> does not cause any offensive or objectionable odour ~~to the extent that causes an adverse effect beyond the *property*<sup>\*</sup> boundary, and~~
- (e) ~~the a sufficient area of *land*<sup>^</sup> is set aside as a reserve disposal area allocation is sufficient.~~

**Policy 13-4: Monitoring requirements for consent holders**

Point source *discharges*<sup>^</sup> of *contaminants*<sup>^</sup> to *water*<sup>^</sup> shall ~~shall~~ must generally be subject to the following monitoring requirements:

- (a) the regular monitoring of *discharge*<sup>^</sup> volumes on *discharges*<sup>^</sup> smaller than 100 m<sup>3</sup>/day and making the records available to the Regional Council on request,
- (b) the installation of a pulse-count capable meter in order to monitor the volume *discharged*<sup>^</sup> for *discharges*<sup>^</sup> of ~~a volume greater than 100 m<sup>3</sup>/day or greater.~~
- (c) the installation of ~~a Horizons~~ Regional Council compatible ~~conductivity meters telemetry system~~ on *discharges*<sup>^</sup> of ~~volumes greater than 300 m<sup>3</sup>/day or greater, with telemetry of conductivity and discharge volume on an hourly basis, and~~
- (d) monitoring and reporting on the quality of the *discharge*<sup>^</sup> at the point of *discharge*<sup>^</sup> before it enters surface *water*<sup>^</sup> and the quality of the receiving *water*<sup>^</sup> upstream and downstream of the point of *discharge*<sup>^</sup> (after *reasonable mixing*<sup>\*</sup>) may also be required. This ~~will~~ must align with the ~~Horizons~~ Regional Council's environmental monitoring programme where reasonably practicable to enable cumulative impacts to be measured.

## 13.2 Rules: - Agricultural Activities

Table 13.1 sets out the target *Water Management Sub-zones\** where management of intensive existing *dairy farming\* land^* use activities will must be specifically controlled. ~~The table includes the dates after which the provisions of the One Plan that relate to these water management zones come into force.~~

**Table 13.1** *Water Management Sub-zones\**

Catchment	<i>Water Management Sub-zone*</i>	<del>Date the rules of the Plan come into force</del>
Mangapapa	Mangapapa Mana_9b	1 April 2009
Mowhanau	West_3	1 April 2009
Mangatainoka	Upper Mangatainoka Mana_8a Middle Mangatainoka Mana_8b Lower Mangatainoka Mana_8c Makakahi Mana_8d Mana_8e	1 April 2010
Upper Manawatu above Hopelands	Upper Manawatu Mana_1a Mangatewainui Mana_1b Mangatoro Mana_1c Weber-Tamaki Mana_2a Mangatera Mana_2b Upper Tamaki Mana_3 Upper Kumeti Mana_4 Tamaki-Hopelands Mana_5a Lower Tamaki Mana_5b Lower Kumeti Mana_5c Oruakeretaki Mana_5d Raparapawai Mana_5e	1 April 2011
Lake Horowhenua	Hoki_1a Hoki_1b	1 April 2012
Waikawa	West_9 Waikawa West_9a Waikawa West_9b	1 April 2012
Manawatu above gorge	Hopelands-Tiraumea Mana_6 Upper Gorge Mana_9a Mangaatua Mana_9c	1 April 2013

Catchment	Water Management <u>Sub-zone*</u>	Date the rules of the Plan come into force
Other south-west catchments (Waitarere and Papaitonga)	West_7 Lake Papaitonga West_8	1 April 2013
Other coastal lakes	West_4 West_5 Northern Manawatu Lakes West_6	1 April 2013
Coastal Rangitikei	Rang_4	1 April 2014
Mangawhero/Makotuku	Whau_3b Whau_3c Whau_3d	1 April 2015

Table 13.2 sets out the ~~maximum nitrogen leaching/run-off rate allowed for land~~ *cumulative nitrogen leaching maximum\** for the *land^A* used for *dairy farming\** within the *each* specified *land use capability class\*es* after the specified dates. The year 1 date is the date from Table 13.1 for the particular water management zone in which that land class is situated. The following dates in the table are the number of years after the Year 1 date.

**Table 13.2** *Cumulative nitrogen leaching maximum\* by Land Use Capability Class\* Nitrogen Leaching/Run-off Values*

	<i>LUC* I</i>	<i>LUC* II</i>	<i>LUC* III</i>	<i>LUC* IV</i>	<i>LUC* V</i>	<i>LUC* VI</i>	<i>LUC* VII</i>	<i>LUC* VIII</i>
<b>Year 1</b> (when rule comes into force) (kg of N/ ha/year)	32 <u>30</u>	29 <u>27</u>	22 <u>24</u>	46 <u>18</u>	43 <u>16</u>	40 <u>15</u>	6 <u>8</u>	2
<b>Year 5</b> (kg of N/ ha/year)	27	25	21	46	43	40	6	2
<b>Year 10</b> (kg of N/ ha/year)	26	22	19	44	43	40	6	2
<b>Year 20</b> (kg of N/ ha/year)	25	21	18	43	42	40	6	2

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-1</b> <b>Dairy farming, cropping, market gardening and intensive sheep and beef farming, and associated activities</b></p>	<p>From the dates specified in Table 13.1, the <b>existing</b> use of land in the water management zones specified in Table 13.1 and from the date this rule becomes operative, any <b>new</b> use of land, including conversion, in <b>all</b> water management zones in the Region for:</p> <p>(a) <del>dairy farming*</del> (b) <del>cropping*</del> (c) <del>market gardening*</del> (d) <del>intensive sheep and beef farming*</del></p> <p>including any of the following activities associated with the above uses:</p> <p>i. <del>the taking and use of surface water</del> ii. <del>the taking and use of not more than 50 m<sup>3</sup>/day/property* of groundwater</del> iii. <del>the discharge of fertiliser* onto land and any consequential discharge of contaminants to air</del> iv. <del>the discharge of contaminants onto land from</del>     a. <del>the preparation, storage, use or transportation of stock feed on production land, or</del>     b. <del>the use of a feed pad and any consequential discharge of contaminants to air</del> v. <del>the discharge of grade A biosolids* and soil conditioners*</del></p>	<p><b>Controlled</b></p>	<p>(a) <del>The use or activity is undertaken in accordance with a Farmer Applied Resource Management Strategy (FARM Strategy).</del> (b) <del>The FARM Strategy referred to in (a) shall be prepared to meet the requirements set out in The FARM Strategy Workbook (Horizons Regional Council, April 2007).</del> (c) <del>The FARM Strategy referred to in (a) shall be submitted to the council as part of the resource consent application required by this rule.</del></p> <p>When calculating the maximum nitrogen leaching/run off values allowed for the whole farm in accordance with preparing a FARM Strategy as required by (b), the values for each land use capability class (LUC) in Table 13.2 shall be used.</p> <p>If the activity involves the taking of more than 30 m<sup>2</sup> per day of surface water:</p> <p>(d) <del>The taking and use of any surface water shall not be from rivers protected under Rule 15-7</del> (e) <del>Water shall only be taken when the river is at or above its minimum flow, as assessed in accordance with Schedule B</del> (f) <del>The amount of water taken, when assessed in combination with all other water takes within the same water management zone, shall not exceed the relevant core allocation set out for that water management zone in Schedule B</del> (g) <del>The amount of water taken, when assessed in combination with all other water takes within the same catchment, shall not exceed the cumulative allocation for each water management zone in the same catchment.</del></p>	<p>Control is reserved over:</p> <p>(a) <del>the method of calculating the loss of nitrogen and phosphorus from a farm</del> (b) <del>the level of compliance with The FARM Strategy Workbook (Horizons Regional Council, April 2007)</del> (c) <del>effects on rare and threatened habitats* and at risk habitats*</del> (d) <del>the preparation and implementation of a FARM Strategy for the purposes of meeting the requirements of this rule and the conditions of consent</del> (e) <del>the method, location, volume and rate of water takes</del> (f) <del>the review period of the FARM Strategy</del> (g) <del>the provision of information to the regional council to demonstrate compliance with this rule</del> (h) <del>duration of consent</del> (i) <del>review of consent conditions</del> (j) <del>compliance monitoring.</del></p> <p>Resource consent applications under this rule will not be notified and written approval of affected persons will not be required (notice of applications need not be served on affected persons).</p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
	<p>onto or into production land, and any consequential discharge of contaminants to air</p> <p>vi. the discharge of contaminants onto or into production land associated with an offal hole or farm dump, and any consequential discharge of contaminants into air</p> <p>vii. any discharge of contaminants to land or water from farm animals associated with the land use</p> <p>a. effluent from dairy sheds and ancillary feed pads</p> <p>b. effluent from existing piggeries</p> <p>c. sludge from farm effluent ponds</p> <p>d. poultry farm litter and effluent and any consequential discharge of contaminants into air.</p>			
<p><b>13-1 Existing dairy farming* land^ use activities</b></p>	<p>The use of land^ pursuant to s9(2) RMA for dairy farming* that was existing as at 1 July 2010 in the Water Management Sub-zones* listed in Table 13.1 and any of the following discharges^ pursuant to ss15(1) or 15(2A) RMA associated with dairy farming*:</p> <p>(a) the discharge^ of fertiliser* onto or into land^</p> <p>(b) the discharge^ of contaminants^ onto or into land^ from</p> <p>(i) the preparation, storage, use or</p>	<p><b>Controlled</b></p>	<p>(a) A nutrient management plan* must be prepared for the land^, complied with and provided annually to the Regional Council.</p> <p>(b) Dairy cattle must be excluded from:</p> <p>(i) wetlands^ and lakes^ that are a rare habitat* or threatened habitat*, and</p> <p>(ii) beds^ of rivers^ that are permanently flowing or have an active bed* width greater than 1 m, other than at any specific location where access is required for dairy cattle to cross the river^ in which case (c) applies.</p>	<p>Control is reserved over:</p> <p>(a) the implementation of reasonably practicable farm management practices for minimising nutrient leaching, faecal contamination and sediment losses from the land^</p> <p>(b) the matters of control in Rule 13-6</p> <p>(c) avoiding, remedying or mitigating the effects of odour, dust, fertiliser* drift or effluent drift</p> <p>(d) provision of information including the</p>



Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
	<p><u>transportation of stock feed on production land<sup>^</sup></u></p> <p>(ii) <u>the use of a feedpad<sup>*</sup></u></p> <p>(c) <u>the discharge<sup>^</sup> of grade Aa, Ab, Ba or Bb biosolids<sup>^</sup>, soil conditioners<sup>*</sup> or compost<sup>*</sup> onto or into production land<sup>^</sup></u></p> <p>(d) <u>the discharge<sup>^</sup> of poultry farm litter<sup>*</sup> onto or into production land<sup>^</sup></u></p> <p>(e) <u>the discharge<sup>^</sup> of farm animal effluent<sup>*</sup> onto or into production land<sup>^</sup> (or upon expiry or surrender of any existing consent for that discharge<sup>^</sup>) including:</u></p> <p>(i) <u>effluent from dairy sheds and feedpads<sup>*</sup></u></p> <p>(ii) <u>effluent received from piggeries</u></p> <p>(iii) <u>sludge from farm effluent ponds</u></p> <p>(iv) <u>poultry farm effluent</u></p> <p><u>and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA.</u></p>		<p>(c) <u>Rivers<sup>^</sup> that are permanently flowing or have an active bed<sup>*</sup> width greater than 1 m, that are crossed by more than 1350 dairy cattle movements per week, must be bridged or culverted and run-off originating from the carriageway of the bridge or culvert must be discharged<sup>^</sup> onto or into land<sup>^</sup>.</u></p> <p>(d) <u>The discharge<sup>^</sup> of fertiliser<sup>*</sup> onto or into land<sup>^</sup> and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air must comply with the conditions<sup>^</sup> of Rule 13-2.</u></p> <p>(e) <u>The discharge<sup>^</sup> of contaminants<sup>^</sup> onto or into land<sup>^</sup> from:</u></p> <p>(i) <u>the preparation, storage, use or transportation of stock feed on production land<sup>^</sup>, or</u></p> <p>(ii) <u>the use of a feedpad<sup>*</sup></u></p> <p><u>and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air must comply with the conditions<sup>^</sup> of Rule 13-3.</u></p> <p>(f) <u>The discharge<sup>^</sup> of grade Aa biosolids<sup>*</sup>, soil conditioners<sup>*</sup> or compost<sup>*</sup> onto or into production land<sup>^</sup> and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air must comply with the conditions<sup>^</sup> of Rule 13-4.</u></p> <p>(g) <u>The discharge<sup>^</sup> of grade Ab, Ba or Bb biosolids<sup>*</sup> onto or into production land<sup>^</sup> and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air must comply with the conditions<sup>^</sup> of Rule 13-4A.</u></p> <p>(h) <u>The discharge<sup>^</sup> of poultry farm litter<sup>*</sup> onto or into production land<sup>^</sup> and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air must comply with the conditions<sup>^</sup> of Rule 13-4B.</u></p> <p>(i) <u>The discharge<sup>^</sup> of farm animal effluent<sup>*</sup> onto or into production land<sup>^</sup> including:</u></p> <p>(i) <u>effluent from dairy sheds and feedpads<sup>*</sup></u></p> <p>(ii) <u>effluent received from piggeries</u></p>	<p><u>nutrient management plan<sup>*</sup></u></p> <p>(e) <u>duration of consent</u></p> <p>(f) <u>review of consent conditions<sup>^</sup></u></p> <p>(g) <u>compliance monitoring.</u></p> <p><u>Resource consent<sup>^</sup> applications under this rule<sup>^</sup> will not be notified and written approval of affected persons will not be required (notice of applications need not be served<sup>^</sup> on affected persons).</u></p>

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			<p>(iii) <u>sludge from farm effluent ponds</u></p> <p>(iv) <u>poultry farm effluent</u></p> <p>and any ancillary <u>discharge<sup>^</sup> of contaminants<sup>^</sup> into air must comply with the <u>conditions<sup>^</sup>, standards and terms of Rule 13-6.</u></u></p>	
<p><b>13-1A Existing <u>dairy farming* land<sup>^</sup> use activities not complying with Rule 13-1</u></b></p>	<p>The use of <u>land<sup>^</sup></u> pursuant to s9(2) RMA for <u>dairy farming*</u> that was existing as at 1 July 2010 in the <u>Water Management Sub-zones*</u> listed in Table 13.1, and any of the following <u>discharges<sup>^</sup></u> pursuant to ss15(1) or 15(2A) RMA associated with <u>dairy farming*</u>, that do not comply with one or more of the <u>conditions<sup>^</sup>, standards and terms of Rule 13-1:</u></p> <p>(a) <u>the discharge<sup>^</sup> of fertiliser* onto or into land<sup>^</sup></u></p> <p>(b) <u>the discharge<sup>^</sup> of contaminants<sup>^</sup> onto or into land<sup>^</sup> from</u></p> <p style="padding-left: 20px;">(i) <u>the preparation, storage, use or transportation of stock feed on production land<sup>^</sup></u></p> <p style="padding-left: 20px;">(ii) <u>the use of a feedpad*</u></p> <p>(c) <u>the discharge<sup>^</sup> of grade Aa, Ab, Ba or Bb biosolids<sup>^</sup>, soil conditioners* or compost* onto or into production land<sup>^</sup></u></p> <p>(d) <u>the discharge<sup>^</sup> of poultry farm litter* onto or into production land<sup>^</sup></u></p> <p>(e) <u>the discharge<sup>^</sup> of farm animal effluent* onto or into production land<sup>^</sup> (or upon expiry or surrender of any existing consent for that discharge<sup>^</sup>) including:</u></p> <p style="padding-left: 20px;">(i) <u>effluent from dairy sheds and feedpads*</u></p>	<p><b>Restricted Discretionary</b></p>		<p>Discretion is restricted to:</p> <p>(a) <u>preparation of a nutrient management plan* for the land<sup>^</sup></u></p> <p>(b) <u>the implementation of reasonably practicable farm management practices for minimising nutrient leaching, faecal contamination and sediment losses from the land<sup>^</sup></u></p> <p>(c) <u>measures to exclude dairy cattle from wetlands<sup>^</sup> and lakes<sup>^</sup> that are a rare habitat* or threatened habitat*, and rivers<sup>^</sup> that are permanently flowing or have an active bed* width greater than 1 m</u></p> <p>(d) <u>the bridging or culverting of rivers<sup>^</sup> that are permanently flowing or have an active bed* width greater than 1 m that are crossed by dairy cattle</u></p> <p>(e) <u>the matters referred to in the conditions<sup>^</sup> of Rules 13-2, 13-3, 13-4, 13-4A and 13-4B</u></p> <p>(f) <u>the matters referred to in the conditions<sup>^</sup> of Rule 13-6 and the matters of control in Rule 13-6</u></p> <p>(g) <u>avoiding, remedying or mitigating the effects of odour, dust, fertiliser* drift or effluent drift</u></p> <p>(h) <u>provision of information including the</u></p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
	<ul style="list-style-type: none"> <li>(ii) <u>effluent received from piggeries</u></li> <li>(iii) <u>sludge from farm effluent ponds</u></li> <li>(iv) <u>poultry farm effluent</u></li> </ul> and any ancillary <i>discharge</i> <sup>^</sup> of <i>contaminants</i> <sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA.			<u>annual <i>nutrient management plan</i><sup>*</sup></u> <ul style="list-style-type: none"> <li>(i) <u>duration of consent</u></li> <li>(j) <u>review of consent <i>conditions</i><sup>^</sup></u></li> <li>(k) <u>compliance monitoring.</u></li> </ul>
<b>13-1B New dairy farming* land^ use activities</b>	<p>The use of <i>land</i><sup>^</sup> pursuant to s9(2) RMA for any conversion to <i>dairy farming</i><sup>*</sup> that occurs after 1 July 2010 anywhere within the Region and any of the following <i>discharges</i><sup>^</sup> pursuant to ss15(1) or 15(2A) RMA associated with <i>dairy farming</i><sup>*</sup>:</p> <ul style="list-style-type: none"> <li>(a) <u>the <i>discharge</i><sup>^</sup> of <i>fertiliser</i><sup>*</sup> onto or into <i>land</i><sup>^</sup></u></li> <li>(b) <u>the <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> onto or into <i>land</i><sup>^</sup> from</u> <ul style="list-style-type: none"> <li>(i) <u>the preparation, storage, use or transportation of stock feed on <i>production land</i><sup>^</sup></u></li> <li>(ii) <u>the use of a <i>feedpad</i><sup>*</sup></u></li> </ul> </li> <li>(c) <u>the <i>discharge</i><sup>^</sup> of grade Aa, Ab, Ba or Bb <i>biosolids</i><sup>^</sup>, <i>soil conditioners</i><sup>*</sup> or <i>compost</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup></u></li> <li>(d) <u>the <i>discharge</i><sup>^</sup> of <i>poultry farm litter</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup></u></li> <li>(e) <u>the <i>discharge</i><sup>^</sup> of farm <i>animal effluent</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup> including:</u> <ul style="list-style-type: none"> <li>(i) <u>effluent from dairy sheds and <i>feedpads</i><sup>*</sup></u></li> <li>(ii) <u>effluent received from piggeries</u></li> <li>(iii) <u>sludge from farm effluent ponds</u></li> <li>(iv) <u>poultry farm effluent</u></li> </ul> </li> </ul>	<b>Controlled</b>	<ul style="list-style-type: none"> <li>(a) <u>A <i>nutrient management plan</i><sup>*</sup> must be prepared for the <i>land</i><sup>^</sup>, complied with and provided annually to the Regional Council.</u></li> <li>(b) <u>The <i>nutrient management plan</i><sup>*</sup> must demonstrate compliance with the <i>cumulative nitrogen leaching maximum</i><sup>*</sup> for the <i>land</i><sup>^</sup> used for <i>dairy farming</i><sup>*</sup>.</u></li> <li>(c) <u>Dairy cattle must be excluded from:</u> <ul style="list-style-type: none"> <li>(i) <u><i>wetlands</i><sup>^</sup> and <i>lakes</i><sup>^</sup> that are a <i>rare habitat</i><sup>*</sup> or <i>threatened habitat</i><sup>*</sup>, and</u></li> <li>(ii) <u><i>beds</i><sup>^</sup> of <i>rivers</i><sup>^</sup> that are permanently flowing or have an <i>active bed</i><sup>*</sup> width greater than 1 m, other than at any specific location where access is required for dairy cattle to cross the <i>river</i><sup>^</sup> in which case (d) applies.</u></li> </ul> </li> <li>(d) <u><i>Rivers</i><sup>^</sup> that are permanently flowing or have an <i>active bed</i><sup>*</sup> width greater than 1 m, that are crossed by more than 1350 dairy cattle movements per week, must be bridged or culverted and run-off originating from the carriageway of the bridge or culvert must be <i>discharged</i><sup>^</sup> onto or into <i>land</i><sup>^</sup>.</u></li> <li>(e) <u>The <i>discharge</i><sup>^</sup> of <i>fertiliser</i><sup>*</sup> onto or into <i>land</i><sup>^</sup> and any ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air must comply with the <i>conditions</i><sup>^</sup> of Rule 13-2.</u></li> <li>(f) <u>The <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> onto or into <i>land</i><sup>^</sup> from:</u> <ul style="list-style-type: none"> <li>(i) <u>the preparation, storage, use or transportation of stock feed on <i>production land</i><sup>^</sup>, or</u></li> </ul> </li> </ul>	Control is reserved over: <ul style="list-style-type: none"> <li>(a) <u>the implementation of farm management practices to maintain compliance with the <i>cumulative nitrogen leaching maximum</i><sup>*</sup> for the <i>land</i><sup>^</sup></u></li> <li>(b) <u>the implementation of reasonably practicable farm management practices for minimising nutrient leaching, faecal contamination and sediment losses from the <i>land</i><sup>^</sup></u></li> <li>(c) <u>the matters of control in Rule 13-6</u></li> <li>(d) <u>avoiding, remedying or mitigating the effects of odour, dust, <i>fertiliser</i><sup>*</sup> drift or effluent drift</u></li> <li>(e) <u>provision of information including the <i>nutrient management plan</i><sup>*</sup></u></li> <li>(f) <u>duration of consent</u></li> <li>(g) <u>review of consent <i>conditions</i><sup>^</sup></u></li> <li>(h) <u>compliance monitoring.</u></li> </ul> <p><i>Resource consent</i><sup>^</sup> applications under this <i>rule</i><sup>^</sup> will not be notified and written approval of affected persons will not be required (notice of applications need not be <i>served</i><sup>^</sup> on affected persons).</p>

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	<p>and any ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA.</p>		<p>(ii) <u>the use of a <i>feedpad</i><sup>*</sup> and any ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air must comply with the <i>conditions</i><sup>^</sup> of Rule 13-3.</u></p> <p>(g) <u>The <i>discharge</i><sup>^</sup> of grade Aa <i>biosolids</i><sup>*</sup>, <i>soil conditioners</i><sup>*</sup> or <i>compost</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup> and any ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air must comply with the <i>conditions</i><sup>^</sup> of Rule 13-4.</u></p> <p>(h) <u>The <i>discharge</i><sup>^</sup> of grade Ab, Ba or Bb <i>biosolids</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup> and any ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air must comply with the <i>conditions</i><sup>^</sup> of Rule 13-4A.</u></p> <p>(i) <u>The <i>discharge</i><sup>^</sup> of <i>poultry farm litter</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup> and any ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air must comply with the <i>conditions</i><sup>^</sup> of Rule 13-4B.</u></p> <p>(j) <u>The <i>discharge</i><sup>^</sup> of farm <i>animal effluent</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup> including:</u></p> <ul style="list-style-type: none"> <li>(i) <u><i>effluent from dairy sheds and feedpads</i><sup>*</sup></u></li> <li>(ii) <u><i>effluent received from piggeries</i></u></li> <li>(iii) <u><i>sludge from farm effluent ponds</i></u></li> <li>(iv) <u><i>poultry farm effluent</i></u></li> </ul> <p><u>and any ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air must comply with the <i>conditions</i><sup>^</sup>, standards and terms of Rule 13-6.</u></p>	
<p><b>13-1C New <i>dairy farming</i><sup>*</sup> <i>land</i><sup>^</sup> use activities not complying with Rule 13-1B</b></p>	<p>The use of <i>land</i><sup>^</sup> pursuant to s9(2) RMA for <i>dairy farming</i><sup>*</sup> that occurs after 1 July 2010 anywhere within the Region, and any of the following <i>discharges</i><sup>^</sup> pursuant to ss15(1) or 15(2A) RMA associated with <i>dairy farming</i><sup>*</sup>, that do not comply with one or more of the <i>conditions</i><sup>^</sup>, standards and terms of Rule 13-1B:</p> <p>(a) <u>the <i>discharge</i><sup>^</sup> of <i>fertiliser</i><sup>*</sup> onto or into</u></p>	<p><b>Restricted Discretionary</b></p>		<p>Discretion is restricted to:</p> <ul style="list-style-type: none"> <li>(a) <u>preparation of a <i>nutrient management plan</i><sup>*</sup> for the <i>land</i><sup>^</sup></u></li> <li>(b) <u>the implementation of reasonably practicable farm management practices for maintaining compliance with the <i>cumulative nitrogen leaching maximum</i><sup>*</sup> for the <i>land</i><sup>^</sup></u></li> </ul>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
	<p><u>land</u><sup>^</sup></p> <p>(b) <u>the discharge</u><sup>^</sup> of <u>contaminants</u><sup>^</sup> onto or into <u>land</u><sup>^</sup> from</p> <p>(i) <u>the preparation, storage, use or transportation of stock feed on production land</u><sup>^</sup></p> <p>(ii) <u>the use of a feedpad</u><sup>*</sup></p> <p>(c) <u>the discharge</u><sup>^</sup> of grade Aa, Ab, Ba or Bb <u>biosolids</u><sup>^</sup>, <u>soil conditioners</u><sup>*</sup> or <u>compost</u><sup>*</sup> onto or into <u>production land</u><sup>^</sup></p> <p>(d) <u>the discharge</u><sup>^</sup> of <u>poultry farm litter</u><sup>*</sup> onto or into <u>production land</u><sup>^</sup></p> <p>(e) <u>the discharge</u><sup>^</sup> of <u>farm animal effluent</u><sup>*</sup> onto or into <u>production land</u><sup>^</sup> including:</p> <p>(i) <u>effluent from dairy sheds and feedpads</u><sup>*</sup></p> <p>(ii) <u>effluent received from piggeries</u></p> <p>(iii) <u>sludge from farm effluent ponds</u></p> <p>(iv) <u>poultry farm effluent</u></p> <p>and any ancillary <u>discharge</u><sup>^</sup> of <u>contaminants</u><sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA.</p>			<p>(c) <u>the implementation of reasonably practicable farm management practices for minimising nutrient leaching, faecal contamination and sediment losses from the land</u><sup>^</sup></p> <p>(d) <u>measures to exclude dairy cattle from wetlands</u><sup>^</sup> and <u>lakes</u><sup>^</sup> that are a <u>rare habitat</u><sup>*</sup> or <u>threatened habitat</u><sup>*</sup>, and <u>rivers</u><sup>^</sup> that are permanently flowing or have an <u>active bed</u><sup>*</sup> width greater than 1 m</p> <p>(e) <u>the bridging or culverting of rivers</u><sup>^</sup> that are permanently flowing or have an <u>active bed</u><sup>*</sup> width greater than 1 m that are crossed by dairy cattle</p> <p>(f) <u>the matters referred to in the conditions</u><sup>^</sup> of Rules 13-2, 13-3, 13-4, 13-4A and 13-4B</p> <p>(g) <u>the matters referred to in the conditions</u><sup>^</sup> of Rule 13-6 and the <u>matters of control in Rule 13-6</u></p> <p>(h) <u>avoiding, remedying or mitigating the effects of odour, dust, fertiliser</u><sup>*</sup> drift or <u>effluent drift</u></p> <p>(i) <u>provision of information including the annual nutrient management plan</u><sup>*</sup></p> <p>(j) <u>duration of consent</u></p> <p>(k) <u>review of consent conditions</u><sup>^</sup></p> <p>(l) <u>compliance monitoring</u>.</p>
<p><b>13-2</b> <b>Fertiliser</b><sup>*</sup></p>	<p>The <u>discharge</u><sup>^</sup> of <u>fertiliser</u><sup>*</sup> onto or into <u>land</u><sup>^</sup> pursuant to ss15(1) or 15(2A) RMA and any consequential ancillary <u>discharge</u><sup>^</sup> of <u>contaminants</u><sup>^</sup> into air pursuant to</p>	<p><b>Permitted</b></p>	<p>(a) There shall <del>must</del> be no direct <u>discharge</u><sup>^</sup> of <u>fertiliser</u><sup>*</sup> into any <u>surface water body</u><sup>^</sup> or its <u>bed</u><sup>^</sup> or <u>artificial watercourse</u><sup>*</sup> including <del>groundwater</del> other than as provided for under (ba).</p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
	<p>ss15(1) or 15(2A) RMA, except where the <i>discharge</i><sup>^</sup> is undertaken in association with a use of <i>land</i><sup>^</sup> controlled by Rules 13-1 to 13-1C.</p>		<p>(b) <del>There shall be no discharge into any rare or threatened habitat* or at risk habitat*, except for the purpose of enhancing such habitats.</del></p> <p>(ba) All reasonable measures must be taken to prevent:</p> <p>(i) <u>any discharge<sup>^</sup> of fertiliser* within the bed<sup>^</sup> of a river<sup>^</sup> that is permanently flowing or has an active bed* width greater than 2 m, or any lake<sup>^</sup> or wetland<sup>^</sup> that has an area of 1 ha or more</u></p> <p>(ii) <u>any discharge<sup>^</sup> into any rare habitat*, threatened habitat* or at-risk habitat*, except for the purpose of enhancing such habitats.</u></p> <p><u>Under condition (ba) “reasonable measures” includes the use of GPS technology.</u></p> <p>(c) <del>For production land<sup>^</sup> the fertiliser* shall must be applied discharged<sup>^</sup> in accordance with the Code of Practice for Fertiliser Use Nutrient Management (New Zealand Fertiliser Manufacturers’ Research Association, 2002), except where the fertiliser is being applied for domestic purposes.</del></p> <p>(d) <u>Where nitrogen fertiliser* is discharged<sup>^</sup> onto land<sup>^</sup> in excess of an average rate of 60 kgN/ha/year across the grazed or cropped area of a farm applied onto land a nutrient budget undertaken using the OVERSEER® model, which takes into account all other sources of nitrogen and which is designed to minimise nitrogen leaching rates, shall must be used to plan and carry out the fertiliser* application discharge<sup>^</sup> and be made available to the Regional Council upon request. If a nutrient management plan* is required under Rules 13-1, 13-1A, 13-1B or 13-1C then the nutrient budget required by this condition<sup>^</sup> must be consistent with it and the activity must be carried out in accordance with it.</u></p> <p>(e) <del>The discharge<sup>^</sup> shall must not result in any offensive</del></p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p><del>or objectionable odour or fertiliser* drift to the extent that causes an adverse effect beyond the property* boundary.</del></p>	
<p><b>13-3</b> <b>Stock feed including feedpads*</b></p>	<p>The <u>discharge^</u> of <u>contaminants^</u> onto or into <u>land^</u> pursuant to ss15(1) or 15(2A) RMA from:</p> <p>(a) the preparation, storage, use or transportation of stock feed on <u>production land^</u>, or</p> <p>(b) the use of a <u>feedpad*</u></p> <p>and any <del>consequential</del> <u>ancillary discharge^</u> of <u>contaminants^</u> into air pursuant to ss15(1) or 15(2A) RMA, except where the <u>discharge^</u> is undertaken in association with a use of <u>land^</u> controlled by Rule 13-1 to 13-1C.</p>	<p><b>Permitted</b></p>	<p>(a) All <del>areas used for storing stock feed, excluding farm silage storage pits that have an area less greater than 500 m<sup>2</sup> and, or for all feedpads*, shall</del> must be sealed <del>so as to restrict seepage of effluent</del> <u>contaminants^</u>. The permeability of the sealing layer shall <u>must</u> not exceed 1x10<sup>-9</sup> m/s.</p> <p>(b) All areas used for storing stock feed, for <u>feedpads*</u> or for otherwise feeding stock (including feeding silage) shall <u>must</u> be located and/or managed in a manner that ensures at all times when such areas are in use:</p> <p>(i) run-off from the area into surface <u>water^</u> or <u>artificial watercourses*</u>, is prevented</p> <p>(ii) run-off from the surrounding catchment is prevented from entering the area.</p> <p>(c) All areas used for storing stock feed, for <u>feedpads*</u> or for otherwise feeding stock (including feeding silage) shall <u>must</u> comply with the following separation distances:</p> <p>(i) 50 m from <u>rare habitats*</u>, <del>and threatened habitats*</del> and <u>at-risk habitats*</u>,</p> <p>(ii) 20 m from <u>bores*</u>, <u>surface water bodies^</u>, <u>artificial watercourses*</u>, and the <u>coastal marine area^</u>, and</p> <p>(iii) 50 m from any <u>archaeological site</u>, <u>waahi tapu</u> or <u>koivi remains</u> <u>historic heritage^</u> identified in any <u>district plan^</u> or <u>regional plan^</u>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</p> <p>(d) All <u>animal effluent*</u> collected from <u>feedpads*</u> shall <u>must</u> be treated and <u>discharged^</u> in accordance with</p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>Rule 13-6.</p> <p>(e) The <i>discharge</i><sup>^</sup> shall <u>must</u> not result in any <u>offensive or objectionable odour, or dust or spray drift</u> beyond the <i>property</i><sup>*</sup> boundary.</p>	
<p><b>13-4</b> <b><u>Discharges<sup>^</sup> of grade Aa biosolids<sup>*</sup>, and soil conditioners<sup>*</sup> and compost<sup>*</sup> to production land<sup>^</sup></u></b></p>	<p>The <i>discharge</i><sup>^</sup> of <i>grade Aa biosolids</i><sup>*</sup>, and <i>soil conditioners</i><sup>*</sup> or <i>compost</i><sup>*</sup> onto or into <i>production land</i><sup>^</sup> pursuant to ss15(1) or 15(2A) RMA, and any <del>consequential</del> <u>ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA,</u> except where the <i>discharge</i><sup>^</sup> is undertaken in association with a use of <i>land</i><sup>^</sup> controlled by Rules 13-1 to 13-1C.</p>	<p><b>Permitted</b></p>	<p>(a) There shall <u>must</u> be no direct <i>discharge</i><sup>^</sup> or run-off into any <u>surface water body<sup>^</sup> or its bed<sup>^</sup> or artificial watercourse<sup>*</sup>.</u></p> <p>(b) <del>There shall be no ponding of material on the soil surface for more than five hours following the application, or any run-off into a surface waterbody.</del></p> <p>(c) For <i>soil conditioners</i><sup>*</sup> and <i>compost</i><sup>*</sup> the material shall <u>must</u> not contain any human or animal pathogens, or any <i>hazardous substances</i><sup>*</sup>.</p> <p>(ca) For <i>grade Aa biosolids</i><sup>*</sup> the <i>discharge</i><sup>^</sup> must comply with the requirements for <i>grade Aa biosolids</i><sup>*</sup> as included with Chapters 4 and 7 of Volume 1 and Chapters 8 (including monitoring requirements) and 9 of Volume 2 of the <u>Guidelines for the Safe Application of Biosolids to Land in New Zealand (New Zealand Water and Waste Association, August 2003).</u></p> <p>(d) The <i>discharge</i><sup>^</sup> shall <u>must</u> comply with the following separation distances:</p> <p>(i) <del>150 m from residences, marae, schools, public buildings and public recreation areas</del></p> <p>(ii) <del>50 m from property<sup>*</sup> boundaries</del></p> <p>(iii) 50 m from <u>rare habitats<sup>*</sup>, and threatened habitats<sup>*</sup> and at-risk habitats<sup>*</sup></u></p> <p>(iv) 20 m from <u>bores<sup>*</sup>, surface water bodies<sup>^</sup>, artificial watercourses<sup>*</sup> and the coastal marine area<sup>^</sup></u></p> <p>(v) 50 m from any <u>archaeological site, waahi tapu or ko'iwi remains historic heritage<sup>^</sup> identified in any district plan<sup>^</sup> or regional plan<sup>^</sup>, in the New Zealand Archaeological Association's Site Recording</u></p>	



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			<p><del>Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</del></p> <p>(e) A nutrient budget undertaken using the OVERSEER® model, which takes into account all other sources of nitrogen and which is designed to minimise nitrogen leaching rates, <del>shall</del> must be used to plan and carry out the <u>discharge<sup>^</sup> of the grade Aa biosolids<sup>*</sup>, or soil conditioner<sup>*</sup> or compost<sup>*</sup> application.</u> If a <u>nutrient management plan<sup>*</sup></u> is required under Rules 13-1 to 13-1C then the nutrient budget required by this <u>condition<sup>^</sup></u> must be consistent with it and the activity must be carried out in accordance with it.</p> <p>(f) The <u>discharge<sup>^</sup></u> <del>shall</del> must not result in any <u>offensive or objectionable odour, or dust or spray drift or any spray drift</u> beyond the <u>property<sup>*</sup></u> boundary.</p> <p>(g) The discharger <del>shall</del> must keep the following records:</p> <p>(i) a daily record of the <u>discharge<sup>^</sup></u> volume and location</p> <p>(ii) a monthly (or more frequent) analysis of the nitrogen concentration of a <u>discharge<sup>^</sup></u> sample and make these records available to the Regional Council upon request.</p>	
<p><b>13-4A</b> <b>Grade Ab, Ba or Bb biosolids<sup>*</sup></b></p>	<p>The <u>discharge<sup>^</sup> of grade Ab, Ba or Bb biosolids<sup>*</sup> onto or into production land<sup>^</sup> pursuant to ss15(1) or 15(2A) RMA, and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air pursuant to ss15(2) or 15(2A) RMA, except where the discharge<sup>^</sup> is undertaken in association with a use of land<sup>^</sup> controlled by Rules 13-1 to 13-1C.</u></p>	<p><b>Restricted Discretionary</b></p>	<p>(a) <u>There must be no direct discharge<sup>^</sup> or run-off into any surface water body<sup>^</sup> or its bed<sup>^</sup> or artificial watercourse<sup>*</sup>.</u></p> <p>(b) <u>The material must have undergone stabilisation processes to achieve at least B grade as defined by the Guidelines for the Safe Application of Biosolids to Land in New Zealand (New Zealand Water and Waste Association, August 2003). Hazardous substances<sup>*</sup> must not exceed b grade limits as given by the Guidelines for the Safe Application of Biosolids to Land in New Zealand (New Zealand Water and Waste</u></p>	<p>Discretion is reserved over:</p> <p>(a) <u>the rate of discharge<sup>^</sup> and frequency of discharge<sup>^</sup> to control nutrient and contaminant loading rates</u></p> <p>(b) <u>maintenance of vegetative cover in the area of discharge<sup>^</sup></u></p> <p>(c) <u>avoiding, remedying or mitigating the effects of odour or dust</u></p> <p>(d) <u>contingency measures, including for events of mechanical failure and</u></p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>Association, August 2003).</p> <p>(c) <u>The discharge<sup>^</sup> must comply with the following separation distances:</u></p> <p>(i) <u>150 m from residential buildings, public places and amenity areas where people congregate, education facilities and public roads</u></p> <p>(ii) <u>50 m from property* boundaries</u></p> <p>(iii) <u>50 m from rare habitats*, threatened habitats* and at-risk habitats*</u></p> <p>(iv) <u>20 m from bores*, surface water bodies<sup>^</sup>, artificial watercourses* and the coastal marine area<sup>^</sup></u></p> <p>(v) <u>50 m from any historic heritage<sup>^</sup> identified in any district plan<sup>^</sup> or regional plan<sup>^</sup>.</u></p> <p>(d) <u>A nutrient budget undertaken using the OVERSEER<sup>®</sup> model, which takes into account all other sources of nitrogen and which is designed to minimise nitrogen leaching rates, must be used to plan and carry out the biosolids* discharge<sup>^</sup>. If a nutrient management plan* is required under Rules 13-1 to 13-1C then the nutrient budget required by this condition<sup>^</sup> must be consistent with it and the activity must be carried out in accordance with it.</u></p> <p>(e) <u>The discharge<sup>^</sup> must not result in any offensive or objectionable odour or dust beyond the property* boundary.</u></p>	<p><u>prolonged wet weather</u></p> <p>(e) <u>monitoring and information requirements</u></p> <p>(f) <u>duration of consent</u></p> <p>(g) <u>review of consent conditions<sup>^</sup>, and</u></p> <p>(h) <u>compliance monitoring.</u></p>
<p><b>13-4B</b> <b><u>Discharges<sup>^</sup> of poultry farm litter*</u></b></p>	<p><u>The discharge<sup>^</sup> of poultry farm litter* onto or into production land<sup>^</sup> pursuant to ss15(1) or 15(2A) RMA and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA, except where the discharge<sup>^</sup> is undertaken in association with a use of land<sup>^</sup> controlled by Rules 13-1 to 13-1C.</u></p>	<p><b><u>Permitted</u></b></p>	<p>(a) <u>The poultry farm litter* must be immediately cultivated into the soil.</u></p> <p>(b) <u>The rate of discharge<sup>^</sup> must be no greater than 150 kgN/ha/year in any 12 month period and must not exceed 60 kgN/ha in any 24 hour period.</u></p> <p>(c) <u>There must be no direct discharge<sup>^</sup> or run-off into any surface water body<sup>^</sup> or its bed<sup>^</sup> or artificial watercourse*.</u></p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>(d) <u>The discharge<sup>^</sup> of poultry farm litter* must comply with the following separation distances:</u></p> <ul style="list-style-type: none"> <li>(i) <u>150 m from any residential buildings, public places and amenity areas where people congregate, education facilities and public roads</u></li> <li>(ii) <u>50 m from property* boundaries</u></li> <li>(iii) <u>50 m from rare habitats*, threatened habitats* and at-risk habitats*</u></li> <li>(iv) <u>20 m from bores*, surface water bodies<sup>^</sup>, artificial watercourses* and the coastal marine area<sup>^</sup></u></li> <li>(v) <u>50 m from any historic heritage<sup>^</sup> identified in any district plan<sup>^</sup> or regional plan<sup>^</sup>.</u></li> </ul> <p>(e) <u>A nutrient budget undertaken using the OVERSEER<sup>®</sup> model, which takes into account all other sources of nitrogen and which is designed to minimise nitrogen leaching rates, must be used to plan and carry out the discharge<sup>^</sup> of poultry farm litter*. If a nutrient management plan* is required under Rules 13-1 to 13-1C then the nutrient budget required by this condition<sup>^</sup> must be consistent with it and the activity must be carried out in accordance with it.</u></p> <p>(f) <u>The discharge<sup>^</sup> of poultry farm litter* must not result in any offensive or objectionable odour or dust beyond the property* boundary.</u></p>	
<p><b>13-5</b> <b>Offal holes and farm dumps</b></p>	<p>The discharge<sup>^</sup> of contaminants<sup>^</sup> onto or into production land<sup>^</sup> pursuant to ss15(1), 15(2) or 15(2A) RMA associated with an offal hole or farm dump, and any <del>consequential</del> ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA, except where the discharge<sup>^</sup> is undertaken in association with a use of land<sup>^</sup> controlled by Rules 13-1 to 13-1C.</p>	<p><b>Permitted</b></p>	<p>(a) Only <del>dead animal matter</del> animal carcasses, or parts thereof, and organic waste*, which is sourced from the property* on which the offal hole or farm dump is located, shall <del>can</del> be disposed of.</p> <p>(b) The waste* shall <del>must</del> not contain any hazardous substances* or sewage.</p> <p>(c) There shall <del>must</del> be no discharge<sup>^</sup> into any surface water body<sup>^</sup> or its bed<sup>^</sup> or artificial watercourse*.</p> <p>(d) The lowest point of the offal hole or farm dump shall</p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p><u>must</u> be at least 1 m above the seasonally highest <u>water</u><sup>^</sup> table.</p> <p>(e) The offall hole or farm dump <del>shall</del> <u>must</u> comply with the following separation distances:</p> <p>(i) 150 m from <del>residences, marae, schools, public buildings and public recreation areas</del> <u>any residential buildings, public places and amenity areas where people congregate, education facilities and public roads</u></p> <p>(ii) 10 m from <u>property</u><sup>*</sup> boundaries</p> <p>(iii) 50 m from <del>rare</del> <u>habitats</u><sup>*</sup>, <del>and threatened habitats</del><sup>*</sup> and <u>at-risk habitats</u><sup>*</sup></p> <p>(iv) <del>100</del> <u>20</u> m from <u>bores</u><sup>*</sup>, <u>surface water bodies</u><sup>^</sup>, <u>artificial watercourses</u><sup>*</sup> and the <u>coastal marine area</u><sup>^</sup></p> <p><del>(v) 10 m from the first floodplain terrace of rivers</del></p> <p>(vi) 50 m from any <del>archaeological site, waahi tapu or koivi remains</del> <u>historic heritage</u><sup>^</sup> identified in any <u>district plan</u><sup>^</sup> or <u>regional plan</u><sup>^</sup>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</p> <p>(f) Measures <del>shall</del> <u>must</u> be used as necessary to <del>reasonably</del> minimise animal pests from entering the offall hole or farm dump.</p> <p>(g) There <del>shall</del> <u>must</u> be no <u>offensive</u> or objectionable odour, <u>or</u> dust, <del>waste or spray drift to the extent that causes an adverse effect</del> beyond the <u>property</u><sup>*</sup> boundary.</p>	
<p><b>13-6</b> <b>Farm animal effluent*</b> <b>including effluent</b></p>	<p>The <u>discharge</u><sup>^</sup> of farm animal effluent* onto <u>or into production land</u><sup>^</sup> pursuant to <u>ss15(1) or 15(2A) RMA</u> including:</p>	<p><b>Controlled</b></p>	<p>(a) There <del>shall</del> <u>must</u> be no <u>direct discharge</u><sup>^</sup> or <u>run-off</u> of effluent into a <u>surface water body</u><sup>^</sup> or its <u>bed</u><sup>^</sup> or <u>artificial watercourse</u><sup>*</sup>, including from effluent holding facilities.</p>	<p>Control is reserved over:</p> <p>(a) amount of effluent per <u>discharge</u><sup>^</sup> and frequency of <u>discharge</u><sup>^</sup></p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>from dairy sheds, poultry farms and existing piggeries</b></p>	<p>(a) effluent from dairy sheds and <i>feedpads</i>*</p> <p>(b) effluent from <del>existing</del> piggeries</p> <p>(c) sludge from farm effluent ponds</p> <p>(d) poultry farm <del>litter and</del> effluent and any <del>consequential</del> ancillary <i>discharge</i><sup>^</sup> of <i>contaminants</i><sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA, except where the <i>discharge</i><sup>^</sup> is undertaken in association with a use of <i>land</i><sup>^</sup> controlled by Rules 13-1 to 13-1C.</p> <p>This rule does not apply to discharges from new piggeries.</p>		<p>(b) <del>All</del> The entire extent of effluent storage and treatment facilities (including sumps and ponds) shall <u>must</u> be sealed so as to restrict seepage of effluent <u>where all or any part of the facility is established or extended (including deepening) from the date the Plan is made operative</u><sup>^</sup>. The permeability of the sealing layer shall <u>must</u> not exceed <math>1 \times 10^{-9}</math> m/s.</p> <p>(c) The <i>discharge</i><sup>^</sup> shall <u>must</u> comply with the following separation distances:</p> <p>(i) for <i>discharges</i><sup>^</sup> of piggery effluent, 150 m from residences, marae, schools, public buildings and public recreation areas <u>any residential buildings, public places and amenity areas where people congregate, education facilities and public roads</u></p> <p>(ii) for other <i>discharges</i><sup>^</sup>, 20 m from residences, marae, schools, public buildings, public recreation areas <u>any residential buildings, public places and amenity areas where people congregate, education facilities and public roads</u></p> <p>(iii) for all <i>discharges</i><sup>^</sup>, 50 m from <del>rare</del> <i>habitats</i><sup>*</sup> and <del>at-risk</del> <i>habitats</i><sup>*</sup></p> <p>(iv) for all <i>discharges</i><sup>^</sup>, 20 m from <del>bores</del><sup>*</sup>, surface water bodies<sup>^</sup>, <del>artificial watercourses</del><sup>*</sup> public roads and the coastal marine area<sup>^</sup></p> <p>(v) for all <i>discharges</i><sup>^</sup>, 50 m from <u>any</u> archaeological site, waahi tapu and koiwi remains <i>historic heritage</i><sup>^</sup> identified in <u>any</u> <i>district plan</i><sup>^</sup> or <i>regional plan</i><sup>^</sup>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust <del>except where Historic Places Trust approval has been obtained.</del></p> <p>(d) Stormwater from ancillary roof areas, <del>or</del> and hardstand areas <u>which do not hold animals, which does not contain farm animal effluent, shall must</u> not</p>	<p>(aa) <i>effluent discharge</i><sup>^</sup> volume and rate in relation to the infiltration rate and the <u>available water</u><sup>^</sup> storage capacity of the soil (<u>deferred irrigation</u>)</p> <p>(ab) nitrogen loading in terms of <u>kgN/ha/year and kgN/ha in any 24 hour period</u></p> <p>(ac) <u>effluent storage facilities (including storage volume) to allow for the withholding of effluent during periods of prolonged wet weather when the soil moisture deficit is insufficient to allow for deficit effluent irrigation to occur</u></p> <p>(b) measures to manage the ponding of effluent on the <i>discharge</i><sup>^</sup> area</p> <p>(c) maintenance of vegetative cover <u>on the discharge</u><sup>^</sup> area</p> <p>(d) <del>Odour</del> management of odours arising from the effluent <i>discharge</i><sup>^</sup></p> <p><del>(e) Effects on rare and threatened habitats* and at-risk habitats*</del></p> <p>(f) contingency measures, <u>including</u> for events of mechanical failure and prolonged wet weather</p> <p>(g) duration of consent</p> <p>(h) review of consent <i>conditions</i><sup>^</sup>, and</p> <p>(i) compliance monitoring.</p> <p><u>Except for new piggeries, resource consent</u><sup>^</sup> applications under this <i>rule</i><sup>^</sup> will not be notified and written approval of affected persons will not be required (notice of applications need not be <i>served</i><sup>^</sup> on affected</p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p><i>discharge</i><sup>^</sup> to the effluent storage facility.</p> <p>(e) A nutrient budget, <u>undertaken using the OVERSEER<sup>®</sup> model</u>, which takes into account all other sources of nitrogen and which is designed to minimise nitrogen leaching rates, <del>shall</del> <u>must</u> be used to plan and carry out the <i>animal effluent</i><sup>*</sup> <del>application</del> <i>discharge</i><sup>^</sup>. <u>If a <i>nutrient management plan</i><sup>*</sup> is required under Rules 13-1 to 13-1C then the nutrient budget required by this <i>condition</i><sup>^</sup> must be consistent with it and the activity must be carried out in accordance with it.</u></p> <p>(f) There <del>shall</del> <u>must</u> be no offensive or objectionable odour, dust, <del>waste</del> or <del>spray</del> effluent drift <del>to the extent that causes an adverse effect</del> beyond the <i>property</i><sup>*</sup> boundary.</p>	<p>persons)</p>
<p><b>13-7</b> <b>Effluent from new piggeries</b></p>	<p>The discharge of effluent from new piggeries onto production land, and any consequential discharge of contaminants into air.</p>	<p><b>Discretionary</b></p>		
<p><b>13-8</b> <b>Agricultural land uses not covered by other rules</b></p>	<p>Agricultural land uses not regulated by Rule 13-1 or any rules in Chapter 12 (including any discharge of contaminants to land or water from farm animals associated with the land use).</p> <p>For the avoidance of doubt this rule applies to:</p> <ul style="list-style-type: none"> <li>(a) <del>agricultural land use types not regulated by Rule 13-1 in all areas</del></li> <li>(b) <del>existing agricultural land uses that are regulated by Rule 13-1 but are not in water management zones that are specified in Rule 13-1</del></li> <li>(c) <del>agricultural land use types that are regulated by Rule 13-1 before the date the rule comes into force.</del></li> </ul>	<p><b>Permitted</b></p>		

**Rule Guide:**

Some activities in rare *habitats\**, ~~and~~ *threatened habitats\** and *at-risk habitats\** are regulated by Rules 12-7 and 12-8 12-6. Discharges from agricultural activities at other locations are regulated as follows:

- (a) **Discharges not covered by rules** - Agricultural discharges pursuant to ss15(1) RMA that are not covered by the rules above are a **discretionary activity** under Rule 13-27.
- (b) **Activities that do not comply** - Except for Rule 13-1B, activities pursuant to ss15(1) or 15(2A) RMA that do not comply with the permitted or controlled activity rules above are a **discretionary activity** under general Rule 13-27.

### 13.3 Rules - Discharges of Water

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
13-9 <b>Discharges<sup>^</sup> of water<sup>^</sup> to water<sup>^</sup></b>	The <i>discharge<sup>^</sup> of water<sup>^</sup> into water<sup>^</sup> pursuant to s15(1) RMA</i> (excluding drainage <i>water<sup>^</sup></i> which is regulated by Rules 15-9 and 15-10 and the <i>discharge<sup>^</sup> of water<sup>^</sup> into water<sup>^</sup> that is part of the normal operation<sup>*</sup> of a dam which is regulated by Rule 16-8 or Rule 16-9</i> ).	Permitted	<ul style="list-style-type: none"> <li>(a) The <i>discharge<sup>^</sup> shall must</i> not cause or exacerbate the flooding of any neighbouring <i>property<sup>*</sup></i>.</li> <li>(b) The <i>discharge<sup>^</sup> shall must</i> not cause any scouring or erosion of any <i>land<sup>^</sup> or bed<sup>^</sup> of a water body<sup>^</sup></i> beyond the point of <i>discharge<sup>^</sup></i>.</li> <li>(c) The <i>discharge<sup>^</sup> shall must</i> not alter the natural course of any <i>water body<sup>^</sup></i>.</li> <li>(d) The <i>discharge<sup>^</sup> shall must</i> not be to any <del>wetland which is considered a rare habitat<sup>*</sup>, or threatened habitat<sup>*</sup> or at-risk habitat<sup>*</sup> as identified in Schedule E</del> (discharges<sup>^</sup> into these areas are controlled as non-complying <i>discretionary activities<sup>^</sup></i> under Rule 12-2 12-6).</li> <li>(e) The <i>discharge<sup>^</sup> shall must</i> not, after <i>reasonable mixing<sup>*</sup></i>, change the natural temperature of the receiving <i>water<sup>^</sup></i> by more than the maximum temperature or temperature change specified by the water quality <del>standards targets</del> for the <i>Water Management Sub-zone<sup>*</sup></i> listed in Schedule D.</li> </ul>	

**Rule Guide:**

**Activities that do not comply** - Discharges of water pursuant to s15(1) RMA that do not comply with the permitted activity rule above are a **discretionary activity** under Rule 13-27.

### 13.4 Rules - Sewage Human effluent and domestic wastewater\*

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-10</b> <b>Existing discharges<sup>^</sup> of domestic wastewater*</b></p>	<p>The <u>discharge<sup>^</sup> of domestic wastewater*</u> <del>into or onto</del> <u>or into land<sup>^</sup></u> pursuant to <u>ss15(1) or 15(2A) RMA</u> from an on-site wastewater treatment and disposal system <u>land<sup>^</sup> application system</u> and any ancillary <u>discharge<sup>^</sup> of contaminants<sup>^</sup> into air</u> pursuant to <u>ss15(1) or 15(2A) RMA</u> lawfully in existence at the time that this rule comes into effect <u>1 July 2011</u>.</p> <p><u>New and upgraded discharges<sup>^</sup> of domestic wastewater*</u> are controlled by Rule 13-11.</p>	<p><b>Permitted</b></p>	<p>(a) The design flow <u>as specified in section 3 of the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010)</u> shall <u>must</u> be no greater than 2 m<sup>3</sup>/d (2,000 litres per day).</p> <p>(b) The flow allowance used to calculate the system design flow shall <u>must</u> be no less than 145 litres per person per day where the <u>water<sup>^</sup> supply</u> is provided by roof <u>water<sup>^</sup> collection</u>, or <u>no less than 180 litres per person per day</u> for other sources of <u>water<sup>^</sup> supply</u>.</p> <p>(c) The <u>discharge<sup>^</sup></u> shall <u>must</u> consist only of <u>contaminants<sup>^</sup></u> normally associated with domestic sewage and greywater.</p> <p>(d) There shall <u>must</u> be no direct <u>discharge<sup>^</sup></u> of wastewater to groundwater.</p> <p>(e) The <u>discharge<sup>^</sup></u> shall <u>must</u> comply with the following separation distances:</p> <p>(i) <u>at least 320 m from any bore* used for drinking water<sup>^</sup> supply</u></p> <p>(ii) <u>at least 20 m from any river, lake, natural wetland surface water bodies<sup>^</sup>, or artificial watercourses*, or and the coastal marine area<sup>^</sup>.</u></p> <p>(f) The <u>discharge<sup>^</sup></u> shall <u>must</u> not cause any offensive or objectionable odour <del>to the extent that causes an adverse effect</del> beyond the <u>property* boundary</u>.</p> <p>(g) There shall <u>must</u> be no increase in the concentration of pathogenic organisms in any surface <u>water body<sup>^</sup></u> as a result of the <u>discharge<sup>^</sup></u>.</p> <p>(h) The wastewater treatment and disposal <u>land<sup>^</sup> application system</u> shall <u>must</u> be maintained by a</p>	



Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p><del>manufacturer-approved contractor in accordance with the supplier's specifications or the requirements of the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010), whichever are the more stringent. All records of each maintenance* action must be retained and made available for inspection by the Regional Council or its agents upon request. in accordance with the manufacturer's instructions, a schedule of maintenance shall be kept, and this schedule shall be available for inspection by the regional council upon request.</del></p>	
<p><b>13-11</b> <b>New and upgraded discharges<sup>^</sup> of domestic wastewater*</b></p>	<p>The <i>discharge<sup>^</sup> of domestic wastewater* into or onto or into land<sup>^</sup> pursuant to ss15(1) or 15(2A) RMA and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA from an new or upgraded on-site wastewater treatment and disposal land<sup>^</sup> application system which either:</i></p> <p>(a) is newly established after this <i>rule<sup>^</sup></i> becomes <i>operative<sup>^</sup></i>, or</p> <p>(b) involves the <i>upgrade* of a system that existed at the date that prior to this rule<sup>^</sup> becomes operative<sup>^</sup> coming into effect.</i></p>	<p><b>Permitted</b></p>	<p>(a) The activity shall <del>must</del> comply with conditions (a) to (g) of Rule 13-10.</p> <p>(b) All aspects of the wastewater treatment and disposal land<sup>^</sup> application system, including soil assessment, design, installation and operation, shall <del>must</del> be in accordance with the "Manual for On-Site Wastewater Systems Design and Management" (Horizons Regional Council, <del>2006</del> 2010).</p> <p>(c) Where the <i>property* within which the discharge<sup>^</sup> occurs is 10 ha or greater:</i></p> <p>(i) septic tanks shall <del>must</del> be fitted with effluent outlet filters, unless the equivalent level of treatment is provided within an <del>aerobic</del> secondary or advanced secondary wastewater treatment system</p> <p>(ii) the areal loading rate within the wastewater disposal field land<sup>^</sup> application area shall <del>must</del> be no greater than 5 mm/d (5 litres per m<sup>2</sup> per day) <del>the least conservative rate provided in Tables 6.2, 6.6, 6.8 and 6.10 of the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010).</del></p> <p>(d) Where the <i>property* within which the discharge<sup>^</sup></i></p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>occurs is less than 10 ha but 4 ha or greater:</p> <ul style="list-style-type: none"> <li>(i) <del>the property shall cover an area of at least either 5000 m<sup>2</sup> for properties created by subdivision after this rule comes into effect, or 2500 m<sup>2</sup> for properties that existed prior to this rule coming into effect</del></li> <li>(ii) <del>the treatment system shall</del> <u>must be either include secondary treatment which shall must</u> achieve, as a minimum, the following <u>discharge<sup>^</sup></u> quality standards: 20 g/m<sup>3</sup> Biochemical Oxygen Demand, and 30 g/m<sup>3</sup> Suspended Solids, and <del>30 g/m<sup>3</sup> Total Nitrogen</del> <u>or an improved primary septic tank and outlet filter</u></li> <li>(iia) <u>the land<sup>^</sup> application system must be via pumping to dose load pressure compensating dripper irrigation lines for secondary or advanced secondary treated effluent and shallow low pressure effluent distribution trenches for primary treated effluent or lesser rate in accordance with that prescribed in Table 6.2 in the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010)</u></li> <li>(iii) <u>the areal loading rate within the wastewater land<sup>^</sup> application area disposal field shall must be no greater than 35 mm/d (35 litres per m<sup>2</sup> per day) for secondary treated effluent and no greater than 3 mm/d (3 litres per m<sup>2</sup> per day) for primary treated effluent.</u></li> </ul> <p>(da) <u>Where the property* within which the discharge<sup>^</sup> occurs is less than 4 ha:</u></p> <ul style="list-style-type: none"> <li>(i) <u>the property* must cover an area of at least either 5,000 m<sup>2</sup> for properties* created by subdivision after this rule<sup>^</sup> becomes operative<sup>^</sup>, or 2,500 m<sup>2</sup> for properties* that existed at the date that this rule<sup>^</sup> becomes operative<sup>^</sup></u></li> </ul>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>(ii) <u>the wastewater treatment system must include secondary treatment which must achieve, as a minimum, the following <i>discharge</i><sup>^</sup> quality standards: 20 g/m<sup>3</sup> Biochemical Oxygen Demand, 30 g/m<sup>3</sup> Suspended Solids, and 60 g/m<sup>3</sup> Total Nitrogen</u></p> <p>(iii) <u>the <i>land</i><sup>^</sup> application system must be via pumping to dose load pressure compensating dripper irrigation lines</u></p> <p>(iv) <u>the areal loading rate within the wastewater <i>land</i><sup>^</sup> application area must be no greater than 3mm/d (3 litres per m<sup>2</sup> per day) or lesser rate in accordance with that prescribed in Table 6.2 in the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010).</u></p> <p><del>(e) The disposal system shall comprise a pressure compensating drip irrigation land application disposal system.</del></p> <p><del>(f) For disposal systems underlain by clay or silt-predominant soils:</del></p> <p><del>(i) there shall be at least 600 mm depth between the effluent discharge and the highest groundwater level</del></p> <p><del>(ii) there shall be at least 200 mm depth of topsoil, bark or compost beneath the pressure compensating drip irrigation lines.</del></p> <p><del>(g) For disposal systems underlain by sand or gravel-predominant soils:</del></p> <p><del>(i) there shall be at least 900 mm depth between the effluent discharge and the highest groundwater level</del></p> <p><del>(ii) there shall be at least 300 mm depth of topsoil, bark or compost beneath the pressure</del></p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>compensating drip irrigation lines.</p> <p>(ga) <u>Separation distances to water bodies<sup>^</sup> and property* boundaries must be in accordance with those specified in Table 2.2 in the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010).</u></p> <p>(gb) <u>The placement, burial, covering and exclusion of the land<sup>^</sup> application area must be as specified in section 6 in the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010).</u></p> <p>(h) <u>For secondary treatment systems there shall must be at least a 400 50% reserve disposal area allocation. For primary treatment systems this reserve area allocation must be not less than 100%.</u></p> <p>(i) <u>The activity shall must not take place in any rare habitat*, or threatened habitat* or in any at-risk habitat*.</u></p> <p>(j) <u>The activity shall must not be to any archaeological site, waahi tapu or koiwi remains historic heritage<sup>^</sup> as identified in any district plan<sup>^</sup> or regional plan<sup>^</sup>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</u></p> <p>(k) <u>In the event of an archaeological site, waahi tapu, or koiwi remains being discovered or disturbed while undertaking the activity, the activity shall cease and the Regional Council shall be notified as soon as practicable. The activity shall not be recommenced without the approval of the Regional Council.</u></p> <p>(l) <u>There shall be a programmed maintenance contract. The wastewater treatment and land<sup>^</sup> application system must be maintained by a manufacturer-</u></p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p><del>approved contractor</del> in accordance with the supplier's specifications or the requirements of the <del>Code of Practice for the</del> Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, 2010) <del>of On-site Wastewater Systems</del>, whichever are the more stringent; and All records of each <i>maintenance</i>* action shall <u>must</u> be retained and made available for inspection by the Regional Council or its agents upon request.</p> <p>(m) <u>The discharge<sup>^</sup> must not cause any offensive or objectionable odour beyond the property* boundary.</u></p>	
<p><b>13-12</b> <b>Discharges<sup>^</sup> of domestic wastewater* not complying with Rules 13-10 and 13-11</b></p>	<p>The <i>discharge<sup>^</sup> of domestic wastewater*</i> <del>into or onto or into land<sup>^</sup> pursuant to ss15(1) or 15(2A) RMA and any ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into air pursuant to ss15(1) or 15(2A) RMA</del> from an on-site wastewater treatment and disposal system that does not comply with one or more of the <i>conditions<sup>^</sup></i> of Rules 13-10 or 13-11.</p>	<p><b>Restricted Discretionary</b></p>	<p>(a) The design flow shall <u>must</u> not exceed 6 m<sup>3</sup>/d.</p> <p>(b) The flow allowance used to calculate the system design flow shall <u>must</u> be no less than 145 litres per person per day where the <i>water<sup>^</sup></i> supply is provided by roof <i>water<sup>^</sup></i> collection, or <u>no less than</u> 180 litres per person per day for other sources of <i>water<sup>^</sup></i> supply.</p> <p>(c) The <i>discharge<sup>^</sup></i> shall <u>must</u> consist only of <i>contaminants<sup>^</sup></i> normally associated with domestic sewage and greywater.</p> <p>(d) The activity shall <u>must</u> not take place in any <i>rare habitat*</i>, or <i>threatened habitat*</i> or <del>in any at-risk habitat*</del>.</p> <p>(e) The activity shall <u>must</u> not be to any <i>archaeological site, waahi tapu or koiwi remains</i> <i>historic heritage<sup>^</sup></i> as identified in any <i>district plan<sup>^</sup> or regional plan<sup>^</sup></i>; in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust <del>except where Historic Places Trust approval has been obtained.</del></p> <p><del>(f) In the event of an archaeological site, waahi tapu, or koiwi remains being discovered or disturbed while undertaking the activity, the activity shall cease and the Regional Council shall be notified as soon as</del></p>	<p><del>Control Discretion is reserved over restricted to:</del></p> <p>(a) the volume of wastewater and design of the treatment system</p> <p>(b) compliance with the Manual for On-Site Wastewater Systems Design and Management (Horizons Regional Council, <del>2006</del> 2010)</p> <p>(c) the design of the disposal system, the disposal method, and the rate of <i>land<sup>^</sup></i> application</p> <p>(d) the <i>discharge<sup>^</sup></i> quality, and allowable level of contamination</p> <p>(e) <i>environmental<sup>^</sup> effects<sup>^</sup></i> arising from the location and method of disposal</p> <p>(f) the reserve application area</p> <p>(g) duration of consent</p> <p>(h) review of consent <i>conditions<sup>^</sup></i></p> <p>(i) compliance monitoring.</p> <p><i>Resource consent<sup>^</sup></i> applications under this <i>rule<sup>^</sup></i> will not be notified and written approval</p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			practicable. The activity shall not be recommenced without the approval of the Regional Council.	of affected persons will not be required (notice of applications need not be served <sup>^</sup> on affected persons).
<b>13-13</b> <b>Human effluent storage and treatment facilities</b>	<p>The <i>discharge<sup>^</sup> into or onto or into land<sup>^</sup> of human effluent pursuant to ss15(1) or 15(2A) RMA</i> for the purpose of storing or treating the effluent in ponds and any <del>associated</del> <i>ancillary discharge<sup>^</sup> to air pursuant to s15(2A) RMA.</i></p> <p><b>Advice Note:</b>  This <i>rule<sup>^</sup></i> controls sewage treatment and storage ponds but does not control <i>domestic wastewater<sup>*</sup></i> treatment and disposal, which is controlled under Rules <del>13-16, 13-17 and 13-18</del> <u>13-10, 13-11 and 13-12.</u></p>	<b>Permitted</b>	<p>(a) All effluent storage and treatment facilities (including sumps and ponds) <del>shall</del> <u>must</u> be sealed so as to restrict seepage of effluent. The permeability of the sealing layer <del>shall</del> <u>must</u> not exceed <math>1 \times 10^{-9}</math> m/s.</p> <p>(b) All effluent storage and treatment facilities (including sumps and ponds) <del>shall</del> <u>must</u> be located and/or managed in a manner which ensures at all times that:</p> <ul style="list-style-type: none"> <li>(i) <u>effluent</u> run-off from the area into surface <i>water bodies<sup>^</sup></i>, <i>artificial watercourses<sup>*</sup></i> and the <i>coastal marine area<sup>^</sup></i> is prevented</li> <li>(ii) run-off from the surrounding catchment is prevented from entering the area.</li> </ul> <p>(c) The <i>discharge<sup>^</sup></i> <del>shall</del> <u>must</u> not result in any offensive or objectionable odour <del>to the extent that it causes an adverse effect</del> beyond the boundary of the subject <i>property<sup>*</sup></i>.</p> <p>(d) The <i>discharge<sup>^</sup></i> <del>shall</del> <u>must</u> comply with the following separation distances:</p> <ul style="list-style-type: none"> <li>(i) 150 m from <del>residences, marae, schools, public buildings and public recreation areas</del> <u>any residential buildings, public places and amenity areas where people congregate, education facilities and public roads</u></li> <li>(ii) <del>for all discharges, 50 m from</del> <u>for all discharges, 50 m from</u> <i>rare habitats<sup>*</sup></i>, <i>and threatened habitats<sup>*</sup></i> and <i>at-risk habitats<sup>*</sup></i></li> <li>(iii) <del>for all discharges, 30 m from</del> <u>for all discharges, 30 m from</u> <i>bores<sup>*</sup></i>, surface <i>water bodies<sup>^</sup></i>, <i>artificial watercourses<sup>*</sup></i> <del>public roads</del> and the <i>coastal marine area<sup>^</sup></i></li> <li>(iv) <del>for all discharges, 50 m from</del> <u>for all discharges, 50 m from</u> archaeological sites, <i>waahi tapu</i> and <i>koiwi remains</i> <u>historic heritage<sup>^</sup></u> as identified in a <u>any district plan<sup>^</sup></u> or</li> </ul>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<del>regional plan<sup>^</sup>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</del>	
<b>13-14</b> <b>Discharges<sup>^</sup> of untreated human effluent<sup>*</sup> directly into surface water<sup>^</sup></b>	The <i>discharge<sup>^</sup> of untreated human effluent<sup>*</sup></i> directly into a <i>surface water body<sup>^</sup></i> pursuant to s15(1) RMA, except: (a) <del>within the section of the Whanganui River between NZMS R22: 848380 and NZMS R22: 858392 until 1 July 2009</del> (b) stormwater that is contaminated with sewage as a result of infiltration during rainfall.	<b>Prohibited</b>		

**Rule Guide:**

Some discharges in *rare habitats<sup>\*</sup>*, *and threatened habitats<sup>\*</sup>* and *at-risk habitats<sup>\*</sup>* are regulated by ~~Rules 12-7 and 12-8~~ Rule 12-6. Discharges at other locations are regulated as follows:

- (a) **Activities not covered by rules** - Discharges of sewage pursuant to ss15(1) RMA that are not covered by the rules above are a **discretionary activity** under Rule 13-27.
- (b) **Activities that do not comply** - Discharges of *domestic wastewater<sup>\*</sup>* pursuant to ss15(1) or 15(2A) RMA that do not comply with the permitted activity, controlled activity or restricted discretionary activity rules above, but which are not prohibited, are a **discretionary activity** under Rule 13-27.

### 13.5 Rules - Stormwater

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-15</b> <b>Discharges<sup>^</sup> of stormwater to surface water<sup>^</sup> and land<sup>^</sup></b></p>	<p>The <i>discharge<sup>^</sup></i> of stormwater into surface <i>water<sup>^</sup></i> pursuant to s15(1) RMA or onto or into <i>land<sup>^</sup></i> pursuant to ss15(1) or 15(2A) RMA, and any <del>associated</del> ancillary takes or diversions of stormwater pursuant to s14(2) RMA forming part of the stormwater system.</p>	<p><b>Permitted</b></p>	<p>(a) The <i>discharge<sup>^</sup></i> shall <del>shall</del> <b>must</b> not include stormwater from any:</p> <ul style="list-style-type: none"> <li>(i) <i>industrial or trade premises<sup>^</sup></i> where <i>hazardous substances<sup>*</sup></i> are stored or used <u>may be entrained by the stormwater</u></li> <li>(ii) <i>contaminated land<sup>^</sup></i> where the <i>contaminants<sup>^</sup></i> of concern may be entrained by the stormwater</li> <li>(iii) operating quarry or <i>mineral<sup>^</sup></i> extraction <i>site<sup>*</sup></i> unless there is an <i>interceptor system<sup>*</sup></i> in place.</li> </ul> <p>(b) <del>For discharges that include stormwater from an industrial or trade premises, or an urban area, the catchment area of the discharge shall not exceed 2 hectares.</del></p> <p>(c) The <i>discharge<sup>^</sup></i> shall <del>shall</del> <b>must</b> not cause or exacerbate the flooding of any <i>other property<sup>*</sup></i>, <del>unless written approval is obtained from the affected property owner.</del></p> <p>(d) The activity shall <del>shall</del> <b>must</b> not cause erosion of any <i>land<sup>^</sup></i> or the <i>bed<sup>^</sup></i> of any <i>water body<sup>^</sup></i> beyond the point of <i>discharge<sup>^</sup></i> unless this is not practicably avoidable, in which case any erosion that occurs as a result of the <i>discharge<sup>^</sup></i> shall <del>shall</del> <b>must</b> be remedied as soon as practicable.</p> <p>(e) There shall <del>shall</del> <b>must</b> be no <i>discharge<sup>^</sup></i> to any <i>rare habitat<sup>*</sup></i>, <del>or threatened habitat<sup>*</sup></del>, <i>at-risk habitat<sup>*</sup></i>, or <i>reach of river<sup>^</sup></i> or its <i>bed<sup>^</sup></i> with a Schedule AB Value of Natural State <del>water management zone<sup>*</sup></del>.</p> <p>(f) For <i>discharges<sup>^</sup></i> of stormwater onto or into <i>land<sup>^</sup></i>:</p>	



Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<ul style="list-style-type: none"> <li>(i) the <i>discharge</i><sup>^</sup> shall <u>must</u> be below a rate that would cause flooding outside the design <i>discharge</i><sup>^</sup> soakage area, except in rain events equivalent to or greater than the 10% annual exceedance probability design storm. Any exceedance shall <u>must</u> go into designated overland flow paths</li> <li>(ii) there shall <u>must</u> not be any overland flow resulting in a <i>discharge</i><sup>^</sup> to a natural surface <i>water body</i><sup>^</sup>, except in rain events equivalent to or greater than the 10% annual exceedance probability design storm</li> <li>(iii) the <i>discharge</i><sup>^</sup> shall <u>must</u> not contain concentrations of <i>hazardous substances</i><sup>*</sup> that <del>may cause toxicity</del> <u>are toxic</u> to aquatic ecosystems, or <del>render freshwater unsuitable for human consumption after treatment</del> <u>accumulate in soil</u>.</li> <li>(g) For <i>discharges</i><sup>^</sup> of stormwater into surface <i>water bodies</i><sup>^</sup> the <i>discharge</i><sup>^</sup> shall <u>must</u> not cause any permanent reduction of the ability of the receiving <i>water body</i><sup>^</sup> or its <i>bed</i><sup>^</sup> to convey flood flows.</li> <li>(h) For <i>discharges</i><sup>^</sup> of stormwater into surface <i>water bodies</i><sup>^</sup> the <i>discharge</i><sup>^</sup> shall <u>must</u> not cause, after <i>reasonable mixing</i><sup>*</sup>, any of the following <i>effects</i><sup>^</sup> in the receiving <i>water body</i><sup>^</sup>: <ul style="list-style-type: none"> <li>(i) the production of conspicuous <i>oil</i><sup>*</sup> or grease films, scums or foams, or floatable or suspended materials</li> <li>(ii) any conspicuous change in the colour or visual clarity of the receiving <i>water</i><sup>^</sup></li> <li>(iii) any emission of objectionable odour</li> <li>(iv) the rendering of fresh <i>water</i><sup>^</sup> unsuitable for consumption by farm animals</li> </ul> </li> </ul>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>(v) toxicity to aquatic ecosystems.</p> <p>(i)(b) The <u>activity discharge</u> shall <u>must</u> not be to any <u>archaeological site, waahi tapu or koiwi remains historic heritage</u><sup>^</sup> as identified in any <u>district plan</u><sup>^</sup> or <u>regional plan</u><sup>^</sup>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</p>	
<p><b>13-16</b> <b>Discharges of stormwater to land not complying with Rule 13-15</b></p>	<p>The discharge of stormwater onto land that does not comply with Rule 13-15, and any associated takes and diversions of stormwater forming part of the stormwater system.</p>	<p><b>Controlled</b></p>	<p>(a) The discharge shall not include stormwater from any:</p> <ul style="list-style-type: none"> <li>(i) <del>industrial or trade premises where hazardous substances are stored or used</del></li> <li>(ii) <del>contaminated land</del></li> <li>(iii) <del>operating quarry or mineral extraction site unless there is an interceptor system* in place.</del></li> </ul> <p>(b) <del>The discharge shall be below a rate that would cause flooding outside the design discharge soakage area, except in rain events equivalent to or greater than the 10% annual exceedence probability design storm. Any exceedence shall go into designated overland flow paths.</del></p> <p>(c) <del>There shall not be any overland flow resulting in a discharge to a natural surface waterbody, except in rain events equivalent to or greater than the 10% annual exceedence probability design storm.</del></p> <p>(d) <del>There shall be no discharge to any rare or threatened habitat* or at risk habitat*.</del></p>	<p>Control is reserved over:</p> <ul style="list-style-type: none"> <li>(a) <del>Measures to control flooding and erosion</del></li> <li>(b) <del>Contaminant concentrations and loading rates</del></li> <li>(c) <del>Measures to avoid adverse effects on groundwater quality</del></li> <li>(d) <del>Measures to manage the level of soil contamination</del></li> <li>(e) <del>Measures to manage effects on surface waterbodies</del></li> <li>(f) <del>Odour management</del></li> <li>(g) <del>Stormwater system maintenance requirements</del></li> <li>(h) <del>Contingency requirements</del></li> <li>(i) <del>Monitoring and information requirements</del></li> <li>(j) <del>Duration of consent, and</del></li> <li>(k) <del>Review of consent conditions.</del></li> </ul> <p>Resource consent applications under this rule will not be notified and written approval of affected persons will not be required (notice of applications need not be served on affected persons).</p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-17</b> <b>Discharges<sup>^</sup> of stormwater to surface water<sup>^</sup> or land not complying with Rule 13-46 15</b></p>	<p>The <i>discharges<sup>^</sup></i> of stormwater into surface <i>water<sup>^</sup></i> pursuant to s15(1) RMA or onto or into <i>land<sup>^</sup></i> pursuant to ss15(1) or 15(2A) RMA, which does not comply with Rule 13-4615, and any associated ancillary takes or diversions of stormwater pursuant to s14(2) RMA forming part of the stormwater system.</p>	<p><b>Restricted Discretionary</b></p>	<p>(a) There <del>shall</del> <u>must</u> be no <i>discharge<sup>^</sup></i> to any <del>natural lake, rare habitat*, or threatened habitat*, at-risk habitat*, or Natural State water management zone*</del> <u>reach of a river<sup>^</sup> or its bed<sup>^</sup> with a Schedule AB Value of Natural State or Site of Significance - Aquatic.</u></p>	<p>Discretion is reserved over:</p> <ul style="list-style-type: none"> <li>(a) measures to control flooding and erosion</li> <li>(b) <i>contaminant<sup>^</sup></i> concentrations and loading rates</li> <li>(ba) <u>measures to avoid, remedy or mitigate adverse effects<sup>^</sup> on groundwater quality</u></li> <li>(bb) <u>measures to manage the level of soil contamination</u></li> <li>(c) measures required to comply with s107(1) RMA</li> <li>(d) <u>measures required to comply with to assist with maintaining or achieving the Schedule D water<sup>^</sup> quality standards targets for the relevant Water Management Sub-zones* zones(s)*</u></li> <li>(e) <del>odor</del> <u>management of odours arising from the stormwater discharge<sup>^</sup></u></li> <li>(f) stormwater system <i>maintenance<sup>^</sup></i> requirements</li> <li>(g) contingency requirements</li> <li>(h) monitoring and information requirements</li> <li>(i) duration of consent</li> <li>(j) review of consent <i>conditions<sup>^</sup></i>.</li> </ul>

**Rule Guide:**

- (a) Some discharges in *rare habitats\**, ~~and threatened habitats\*~~ and *at-risk habitats\** are regulated by Rules ~~12-7 and 12-8~~ 12-6.
- (b) Discharges in ~~Natural State water management zone\*~~ a reach of a river with a Schedule AB Value of Natural State or Sites of Significance - Aquatic are regulated by Rule 13-23.

Discharges at other locations are regulated as follows:

- (a) **Activities not covered by rules** - Discharges of stormwater pursuant to s15(1) RMA that are not covered by the rules above are a **discretionary activity** under Rule 13-27. Stormwater discharges into network utility piped stormwater systems are not regulated by this Plan, however permission may be required from the system owner or operator. The system owner or operator is responsible for the quality of discharges exiting the system into receiving environments.
- (b) **Activities that do not comply** - Discharges of stormwater that do not comply with ~~the permitted or controlled activity rules above~~ Rule 13-17 are a **discretionary activity** under Rule 13-27.

### 13.6 Rules - Dyes and Tracers

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
13-18 <b>Discharges<sup>^</sup> of dye and salt tracers</b>	The <i>discharge<sup>^</sup></i> of dye and salt tracer material, excluding radioisotope tracers, into a surface <i>water<sup>^</sup> body</i> pursuant to <u>s15(1) RMA</u> .	Permitted	<p>(a) The dye or salt tracer material <i>discharged<sup>^</sup></i> shall <u>must</u> not exceed 20 l of dye in solution, 10 kg of salt, or 100 l of salt solution.</p> <p>(b) The Regional Council and the relevant <i>Territorial Authority<sup>^</sup></i> shall <u>must</u> be notified in writing of the proposed <i>discharge<sup>^</sup></i> at least 24 hours prior to the <i>discharge<sup>^</sup></i>. Such notification shall <u>must</u> include:</p> <ul style="list-style-type: none"> <li>(i) the name and contact details of the person responsible for the <i>discharge<sup>^</sup></i></li> <li>(ii) the purpose and nature of the <i>discharge<sup>^</sup></i></li> <li>(iii) the nature of the tracer including its type, colour, and product name and description</li> <li>(iv) the location, timing and duration of the <i>discharge<sup>^</sup></i>.</li> </ul> <p>(c) The dye or salt tracer shall <u>must</u> not be a hazardous substance in terms of the Hazardous Substances and New Organisms Act 1996.</p> <p>(d) There shall <u>must</u> be no <i>discharge<sup>^</sup></i> to any <del>natural lake, rare <i>habitat<sup>*</sup></i>, or threatened <i>habitat<sup>*</sup></i>, at-risk <i>habitat<sup>*</sup></i>, or Natural State water management zone<sup>*</sup></del> or reach of a <i>river<sup>^</sup></i> or its <i>bed<sup>^</sup></i> with a Schedule AB Value of Natural State or Sites of Significance - Aquatic.</p>	

**Rule Guide:**

- (a) ~~Some~~ discharges in *rare habitats<sup>\*</sup>*, ~~and~~ *threatened habitats<sup>\*</sup>* and *at-risk habitats<sup>\*</sup>* are regulated by Rules ~~12-7 and 12-8~~ 12-6.
- (b) Discharges in ~~Natural State water management zone<sup>\*</sup>~~ a reach of a river with a Schedule AB Value of Natural State or Sites of Significance - Aquatic are regulated by Rule 13-23.

Discharges at other locations are regulated as follows:

- (a) **Activities not covered by rules** - Discharges of radioisotope tracers and other tracers pursuant to s15(1) RMA that are not covered by the rule above are a **discretionary activity** under Rule 13-27.
- (b) **Activities that do not comply** - Discharges of dyes and tracers pursuant to s15(1) RMA that do not comply with the permitted activity rule above are a **discretionary activity** under Rule 13-27.

### 13.7 Rules - Cleanfill Material\*, Composting\*, Landfills\* and Solid Waste\*

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
13-19 <b>Discharges<sup>^</sup> of cleanfill material*</b>	<p>The <u>discharge<sup>^</sup> of cleanfill material*</u> onto or into <u>land<sup>^</sup></u> pursuant to ss15(1) or 15(2A) RMA and any <u>associated ancillary discharge<sup>^</sup> of contaminants<sup>^</sup> into water<sup>^</sup></u> pursuant to s15(1) RMA or air pursuant to ss15(1) or 15(2A) RMA except as regulated by other <u>rules<sup>^</sup></u> in this Plan.</p> <p>The stockpiling of gravel ancillary to gravel extraction and roading activities is not restricted by this <u>rule<sup>^</sup></u>.</p>	Permitted	<p>(a) The siting, design, installation and management shall <u>must</u> be in accordance with A Guide to the Management of Cleanfills (Ministry for the Environment, 2002).</p> <p>(b) The rate of <u>cleanfill material* deposition discharge<sup>^</sup></u> shall <u>must</u> be no more than 2,500 m<sup>3</sup>/y per <u>property*</u>.</p> <p>(c) The <u>cleanfill material* shall must</u> not be <u>deposited discharged<sup>^</sup></u> within:</p> <p>(i) a rare <u>habitat*</u>, <del>or</del> <u>threatened habitat*</u> or an <u>at-risk habitat*</u></p> <p>(ii) a <u>site land<sup>^</sup></u> with a <u>slope*</u> greater than 20°</p> <p>(iii) 50 m from any <u>archaeological site, waahi tapu or keiwi remains historic heritage<sup>^</sup></u> as identified in any <u>district plan<sup>^</sup> or regional plan<sup>^</sup></u>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</p> <p>(d) Records of the source and composition of all <u>cleanfill material* disposed of discharged<sup>^</sup></u> at the <u>site*</u> shall <u>must</u> be maintained and made available to the Regional Council upon request.</p> <p>(e) The <u>placement discharge<sup>^</sup> of the cleanfill material*</u> shall <u>must</u> be undertaken and maintained in a manner so as to ensure its long-term physical stability.</p>	
13-20 <b>Composting* operations activities</b>	<p>The <u>discharge<sup>^</sup> of contaminants<sup>^</sup></u> onto or into <u>land<sup>^</sup></u> pursuant to ss15(1) or 15(2A) RMA, or into air pursuant to ss15(1) or 15(2A) RMA arising from a <u>composting*</u></p>	Permitted	<p>(a) The material to be composted shall <u>must</u> be <u>green waste*</u>, and shall <u>must</u> not contain any <u>hazardous substance*</u> or sewage.</p> <p>(b) The activity shall <u>must</u> not be located within:</p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
	operation activity.		<ul style="list-style-type: none"> <li>(i) a rare <u>habitat*</u>, or <del>threatened habitat*</del> or an <del>at-risk habitat*</del></li> <li>(ii) the <u>bed^</u> or <del>floodplain</del> of a <u>river^</u> or <u>lake^</u></li> <li>(iii) a <del>site</del> <u>land^</u> with a <u>slope*</u> greater than 20°</li> <li>(iv) 50 m from any archaeological site, waahi tapu or koiwi remains <u>historic heritage^</u> as identified in any <u>district plan^</u> or <u>regional plan^</u>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</li> <li>(c) All areas used for the <u>composting*</u> operation activity, including areas for storing <u>compost*</u>, shall <u>must</u> be located and/or managed in a manner that ensures at all times when such areas are in use: <ul style="list-style-type: none"> <li>(i) run-off from the area into surface <u>water^</u> <del>body</del>, or <u>an artificial watercourse*</u> is prevented</li> <li>(ii) run-off from the surrounding catchment is prevented from entering the area.</li> </ul> </li> <li>(d) The <u>discharge^</u> shall <u>must</u> not cause any offensive or objectionable odour or <u>dust</u> <del>to the extent that causes an adverse effect</del> beyond the <u>property*</u> boundary.</li> </ul>	
13-21 Closed <u>landfills*</u>	The <u>discharge^</u> of <u>contaminants^</u> onto or into <u>land^</u> or into <u>water^</u> pursuant to ss15(1) or 15(2A) RMA or air pursuant to ss15(1) or 15(2A) RMA from a closed <u>solid waste*</u> <u>landfill*</u> .	Controlled		Control is reserved over: <ul style="list-style-type: none"> <li>(a) measures to avoid adverse <u>effects^</u> on groundwater quality</li> <li>(b) measures to manage the level of soil contamination</li> <li>(c) measures to <del>manage effects on surface waterbodies</del>, including maintaining the values and water quality standards set out in Schedule D to assist with <u>maintaining or achieving the Schedule D water^</u> quality targets for the relevant</li> </ul>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
				<p><u>Water Management Sub-zones*</u></p> <p>(d) odour management of odour</p> <p>(e) stormwater management onto and from the <i>site*</i></p> <p>(f) contingency requirements</p> <p>(g) monitoring and information requirements</p> <p>(h) duration of consent</p> <p>(i) review of consent <i>conditions^</i>.</p> <p><i>Resource consent^</i> applications under this <i>rule^</i> will not be notified and written approval of affected persons will not be required (notice of applications need not be <i>served^</i> on affected persons).</p>
<p><b>13-22</b> <b>Discharges^ of persistent and harmful contaminants^</b></p>	<p>Any <i>discharge^</i> onto or into <i>land^</i> pursuant to ss15(1) or 15(2A) RMA, or into <i>water^</i> pursuant to s15(1) RMA, other than for <i>discharges^</i> of stormwater which are provided for by Rules 13-15 and 13-17, of:</p> <p>(a) wastewater sludge originating from timber treatment processes using copper chromium arsenic (CCA) wood preservatives</p> <p>(b) perchlorethylene-contaminated <i>waste*</i> from dry cleaning operations activities</p> <p>(c) persistent organochlorine substances</p> <p>(d) polyaromatic hydrocarbons</p> <p>(e) tributyl tin.</p>	<p><b>Non-complying</b></p>		

**Rule Guide:**

(a) Some discharges in rare *habitats\**, ~~and~~ *threatened habitats\** and *at-risk habitats\** are regulated by Rules ~~12-7 and 12-8~~ 12-6.

Discharges at other locations are regulated as follows:

- (a) **Activities not covered by rules** - Discharges onto or into land or into water pursuant to s15(1) RMA that are not covered by the rules above are a **discretionary activity** under Rule 13-27.
- (b) **Activities that do not comply** - Discharges pursuant to ss15(1) or 15(2A) RMA that do not comply with the permitted activity or controlled activity rules above, but which are not non-complying, are a **discretionary activity** under Rule 13-27.

### 13.8 Rules - Discharges of Contaminants to Natural State Reaches and Sites of Significance - Aquatic Water Management Zones, Lakes and Wetlands

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-23</b>  <b><u>Discharges<sup>^</sup> of contaminants<sup>^</sup> to a reach of a river<sup>^</sup> or its bed<sup>^</sup> with Schedule AB Values of Natural State Water Management zones, and Sites of Significance - Aquatic and lakes and wetlands</u></b></p>	<p>Any direct <u>discharge<sup>^</sup> of contaminants<sup>^</sup> into water<sup>^</sup> or onto or into land<sup>^</sup> pursuant to ss15(1) or 15(2A) RMA</u> into:</p> <ul style="list-style-type: none"> <li>(a) a <u>reach of a river<sup>^</sup> or its bed<sup>^</sup> with a Schedule AB Value of Natural State water management zone<sup>*</sup></u></li> <li>(b) a <u>reach of a surface water body<sup>^</sup> or its bed<sup>^</sup> identified as with a Schedule AB Value of Sites of Significance - Aquatic in Schedule D</u></li> <li>(c) a <u>natural lake, except Lake Otamangakau, Lake Te Whaiu and Lake Moawhango</u></li> <li>(d) a <u>wetland classified as a rare threatened habitat<sup>*</sup></u></li> </ul> <p>except the <u>discharge<sup>^</sup> of agrichemicals<sup>*</sup> for the purpose of controlling a pests plant described in item (k) of the Glossary definition of vegetation clearance<sup>*</sup> and land disturbance<sup>*</sup>, or a pest animal in the Council's Regional Pest Animal Management Strategy</u> (this activity is regulated by Rule 14-2).</p>	<p><b>Non-complying</b> <b>Discretionary</b></p>		



### 13.9 Rules - Generic Discharge Rules

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-24</b> <b>Discharges<sup>^</sup> of contaminants<sup>^</sup> to surface water<sup>^</sup></b></p>	<p>The <i>discharge<sup>^</sup> of contaminants<sup>^</sup></i> into surface <i>water<sup>^</sup></i> pursuant to s15(1) RMA, except as regulated by other <i>rules<sup>^</sup></i> in this Plan.</p>	<p><b>Permitted</b></p>	<ul style="list-style-type: none"> <li>(a) The rate of <i>discharge<sup>^</sup></i> shall <u>must</u> be no greater than 50 m<sup>3</sup>/d.</li> <li>(b) The <i>discharge<sup>^</sup></i> shall <u>must</u> not contain agricultural waste<sup>*</sup>, sewage, stormwater, <i>cleanfill material<sup>*</sup></i>, contaminants<sup>^</sup> from <i>composting<sup>*</sup> operations activities</i>, or contaminants<sup>^</sup> from <i>landfills<sup>*</sup></i>.</li> <li>(c) The <i>discharge<sup>^</sup></i> shall <u>must</u> not cause or exacerbate the flooding of any <i>other property<sup>*</sup></i>, <del>unless written approval is obtained from the affected property owner.</del></li> <li>(d) The <i>discharge<sup>^</sup></i> shall <u>must</u> not cause any scouring or erosion of any <i>land<sup>^</sup> or bed<sup>^</sup> of a water body<sup>^</sup></i> beyond the point of <i>discharge<sup>^</sup></i>.</li> <li>(e) The <i>discharge<sup>^</sup></i> shall <u>must</u> not alter the natural course of any <i>water body<sup>^</sup> or its bed<sup>^</sup></i>.</li> <li>(f) There shall <u>must</u> be no <i>discharge<sup>^</sup></i> to any natural <i>lake<sup>^</sup>, rare habitat<sup>*</sup>, or threatened habitat<sup>*</sup>, at-risk habitat<sup>*</sup></i>, Site of Significance - Aquatic or <del>Natural State water management zone<sup>*</sup></del> reach of a <i>river<sup>^</sup> or its bed<sup>^</sup></i> with a Schedule AB Value of Natural State.</li> <li>(g) The <i>discharges<sup>^</sup></i> shall <u>must</u> not cause, after <i>reasonable mixing<sup>*</sup></i>, any of the following <i>effects<sup>^</sup></i> in the receiving <i>water body<sup>^</sup></i>:                         <ul style="list-style-type: none"> <li>(i) the production of conspicuous <i>oil<sup>*</sup></i> or grease films, scums or foams, or floatable or suspended materials</li> <li>(ii) any conspicuous change in the colour or visual clarity of the receiving <i>water<sup>^</sup></i></li> <li>(iii) any emission of <u>offensive or objectionable odour.</u></li> </ul> </li> </ul>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
			<p>(h) The <i>discharges^ shall must</i> not, after <i>reasonable mixing^</i>, cause the receiving <i>water body^</i> to breach the <i>water^ quality standards targets</i> for that <i>water body^</i> set out in Schedule D, either from the <i>discharge^</i> itself or in combination with any other <i>discharges^</i>.</p>	
<p><b>13-25</b> <b><i>Discharges^ of contaminants^ onto or into the land^ that will not enter water^</i></b></p>	<p>The <i>discharge^ of contaminants^</i> onto or into <i>land^</i> in circumstances that will not result in any <i>contaminant^</i> entering <i>water^</i>, pursuant to ss15(1)(d) or s 15(2A) RMA, except as regulated by other <i>rules^</i> in this Plan.</p>	<p><b>Permitted</b></p>	<p>(a) The rate of <i>discharge^ shall must</i> be no more than 100 m<sup>3</sup>/y per <i>property^</i>.</p> <p>(b) The <i>discharge^ shall must</i> not contain agricultural <i>waste^ (except for run-off from a stock crossing bridge or culvert required under Rules 13-1 to 13-1C)</i>, sewage, stormwater, <i>cleanfill material^</i>, <i>contaminants^ from composting^ operations activities</i>, or <i>contaminants^ from landfills^</i>.</p> <p>(c) The <i>discharge^ shall must</i> not be located within:</p> <ul style="list-style-type: none"> <li>(i) <i>any rare habitat^, or threatened habitat^ or an at-risk habitat^</i></li> <li>(ii) the <i>bed^ or floodplain</i> of a <i>river^ or lake^</i></li> <li>(iii) <i>a site land^</i> with a <i>slope^</i> greater than 20°</li> <li>(iv) 50 m from any <i>archaeological site, waahi tapu or kiwi remains historic heritage^</i> as identified in any <i>district plan^ or regional plan^</i>, in the New Zealand Archaeological Association's Site Recording Scheme, or by the Historic Places Trust except where Historic Places Trust approval has been obtained.</li> </ul> <p>(d) Records of the source and composition of the <i>discharge^ shall must</i> be maintained and made available to the Regional Council upon request.</p> <p>(e) The <i>discharge^ shall must</i> be undertaken and maintained in a manner so as to ensure its long-term stability, and avoid the risk of erosion.</p> <p>(f) The <i>discharge^ shall must</i> not cause any increase in the concentration of <i>hazardous substances^</i> or pathogenic organisms on or in any <i>land^</i>.</p>	

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-26</b> <b><u>Discharges<sup>^</sup> of contaminants<sup>^</sup> onto or into land<sup>^</sup> that may enter water<sup>^</sup></u></b></p>	<p>The <i>discharge<sup>^</sup> of contaminants<sup>^</sup></i> onto or into <i>land<sup>^</sup></i> in circumstances which may result in those <i>contaminants<sup>^</sup></i> (or any other <i>contaminant<sup>^</sup></i> emanating as a result of natural processes from those <i>contaminants<sup>^</sup></i>) entering <i>water<sup>^</sup></i>, pursuant to ss15(1)(b) or 15(2A) RMA, except as regulated by other <i>rules<sup>^</sup></i> in this Plan.</p>	<p><b>Permitted</b></p>	<p>(g) The <i>discharge<sup>^</sup></i> shall <u>must</u> not have any acid-producing potential.</p> <p>(a) The <i>discharge<sup>^</sup></i> shall <u>must</u> comply with all of the <i>conditions<sup>^</sup></i> of Rule 13-24.</p> <p>(b) The <i>discharge<sup>^</sup></i> shall <u>must</u> comply with all of the <i>conditions<sup>^</sup></i> of Rule 13-25, except <del>condition</del> (a).</p> <p>(c) There <del>is</del> <i>discharge<sup>^</sup></i> shall <u>must</u> be at least 600 mm <del>depth between the discharge and</del> <u>above the seasonally highest groundwater<sup>^</sup> level table.</u></p> <p>(d) The <i>discharge<sup>^</sup></i> shall <u>must</u> comply with the following separation distances:</p> <p>(i) at least 30 m from any <i>bore<sup>*</sup></i></p> <p>(ii) at least 20 m from any <del>river, lake, natural wetland</del> <u>surface water body<sup>^</sup>, or artificial watercourse<sup>*</sup>, or and the coastal marine area<sup>^</sup>.</u></p> <p>(da) The <i>discharge<sup>^</sup></i> <u>must</u> not be located within any <i>rare habitat<sup>*</sup>, threatened habitat<sup>*</sup> or at-risk habitat<sup>*</sup>.</i></p> <p>(e) There shall <u>must</u> be no surface ponding in the area of <i>discharge<sup>^</sup></i>, or run-off of any <i>contaminant<sup>^</sup></i> into a <i>surface water body<sup>^</sup></i> or its <i>bed<sup>^</sup></i>, <i>artificial watercourse<sup>*</sup></i> or the <i>coastal marine area<sup>^</sup></i> as a result of the <i>discharge<sup>^</sup></i>.</p> <p>(f) The <i>discharge<sup>^</sup></i> shall <u>must</u> not cause any <u>detectable more than minor</u> reduction in the quality of groundwater.</p> <p>(g) The <i>discharge<sup>^</sup></i> shall <u>must</u> not result in any airborne liquid <i>contaminant<sup>^</sup></i> being carried beyond the boundary of the <i>subject property<sup>*</sup>.</i></p>	
<p><b>13-26A</b> <b><u>Replacement consents for discharges<sup>^</sup> of water<sup>^</sup> and</u></b></p>	<p>The <i>discharge<sup>^</sup> of water<sup>^</sup> or contaminants<sup>^</sup></i> into <i>water<sup>^</sup></i> or onto or into <i>land<sup>^</sup></i> pursuant to ss15(1) or 15(2A) RMA from existing consented hydroelectricity generation schemes for which replacement consents</p>	<p><b>Controlled</b></p>	<p>(a) The consent application is to replace existing consents that are expiring and there is no increase to <u>the existing volume of discharge<sup>^</sup> or the nature of contaminants<sup>^</sup>.</u></p> <p>(b) <u>The activity must not take place in any rare habitat<sup>*</sup>.</u></p>	<p>Control is reserved over:</p> <p>(a) <u>measures to control flooding and erosion</u></p> <p>(b) <u>contaminant<sup>^</sup> concentrations and loading rates</u></p> <p>(c) <u>measures required to comply with</u></p>

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<u>contaminants<sup>^</sup> to water<sup>^</sup> and land<sup>^</sup> from existing hydroelectricity schemes</u>	are sought.		<u>threatened habitat* or at-risk habitat*</u> .	<p>s107(1) RMA</p> <p>(d) <u>measures to assist with maintaining or achieving the Schedule D water<sup>^</sup> quality targets for the relevant Water Management Sub-zones*</u></p> <p>(e) <u>maintenance and contingency requirements</u></p> <p>(f) <u>monitoring and information requirements</u></p> <p>(g) <u>measures to avoid, remedy or mitigate adverse effects<sup>^</sup> on tangata whenua<sup>^</sup> values</u></p> <p>(h) <u>duration of consent</u></p> <p>(i) <u>review of consent conditions<sup>^</sup></u></p> <p>(j) <u>compliance monitoring.</u></p>

**Rule Guide:**

- (a) Some discharges pursuant to s15(1) RMA in rare habitats\*, and threatened habitats\* and at-risk habitats\* are regulated by Rules 12-7 and 12-8 12-6.
- (b) Discharges pursuant to ss15(1) or 15(2A) RMA in a reach of a river with a Schedule AB Value of Natural State or a Sites of Significance - Aquatic or Natural State water management zone\* are regulated by Rule 13-23.

Discharges at other locations are regulated as follows:

- (a) Discharges pursuant to s15(1) RMA that do not meet the requirements of the generic rules, and are not covered by any other rule in the Plan, are discretionary activities under Rule 13-27.

### 13.10 Rules - Default Discharge Rule

Rule	Activity	Classification	Conditions/Standards/Terms	Control/Discretion Non-Notification
<p><b>13-27</b>  <b>Discharges<sup>^</sup> of water<sup>^</sup> or contaminants<sup>^</sup> to land<sup>^</sup> or water<sup>^</sup> not covered by other rules<sup>^</sup> in this Plan or chapter</b></p>	<p>The discharge<sup>^</sup> of water<sup>^</sup> or contaminants<sup>^</sup> into surface water<sup>^</sup> pursuant to s15(1)(a) RMA or discharge<sup>^</sup> of contaminants<sup>^</sup> onto or into <del>or onto</del> land<sup>^</sup> pursuant to ss15(1)(b), 15(1)(d) or 15(2A) RMA which are not regulated by other rules<sup>^</sup> in this Plan, or which do not comply with the permitted activity<sup>^</sup>, controlled activity<sup>^</sup> or restricted discretionary activity<sup>^</sup> rules<sup>^</sup> in this Plan chapter.</p>	<p><b>Discretionary</b></p>		

