

# Discharges of contaminants to land and water

(excluding discharges to water in the  
Hangatahua (Stony) River catchment)



## Discharge of water

**Advisory note:** Rules 21 and 23-27 of this Plan do not apply to the discharge of water associated with plantation forestry activities regulated under the *Resource Management (National Environmental Standards for Plantation Forestry) Regulations 2017* (NES-PF). The NES-PF regulations prevail over these rules in relation to plantation forestry.<sup>22</sup>

| Activity  | Rule | Standards/Terms/Conditions  | Classification | Notification | Control/Discretion | Policy Reference |
|---|------|---|----------------|--------------|--------------------|------------------|
| Discharge of water into surface water (excluding the wetlands listed in Appendix II)<br><br><b>Note:</b> This rule excludes discharge of water regulated by the NES-PF. | 21   | <ul style="list-style-type: none"> <li>• The discharge shall not result in any flooding beyond the boundary of the property from which the discharge originates;</li> <li>• No significant erosion or scour results from the discharge;</li> <li>• The discharge shall not result in any disturbance to the bed of the water body;</li> <li>• The discharge shall not give rise to any or all of the following effects in the receiving water after reasonable mixing:                             <ul style="list-style-type: none"> <li>(a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;</li> <li>(b) any conspicuous change in the colour or visual clarity;</li> <li>(c) any emission of objectionable odour;</li> <li>(d) the rendering of fresh water unsuitable for consumption by farm animals;</li> <li>(e) any significant adverse effects on aquatic life.</li> </ul> </li> </ul> | Permitted      |              |                    |                  |

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## Discharge of on-site wastewater

| Activity   | Rule | Standards/Terms/Conditions  | Classification | Notification | Control/Discretion | Policy Reference |
|--|------|---|----------------|--------------|--------------------|------------------|
| Discharge of contaminants from on-site domestic wastewater treatment systems onto or into land | 22   | <ul style="list-style-type: none"> <li>• The discharge shall not result in surface ponding or runoff of any contaminant into a surface water body;</li> <li>• There shall be no direct discharge of any contaminant into a surface water body;</li> <li>• The discharge shall not be within 25m of a surface water body;</li> <li>• The discharge shall not be within 50m of any bore, well or spring used for water supply;</li> <li>• The discharge shall not be noxious, dangerous, offensive or objectionable to such an extent that it has or is likely to have a significant adverse effect on the environment.<sup>23</sup></li> </ul> | Permitted      |              |                    |                  |

<sup>22</sup> The NES-PF regulations that prevail over the Plan rules identified above include Regulations 24-35; 51(2); 52; 54(3) & (4); 55; 56; 58; 59; 60(3) & (4); 61(3), (4) & (5); 65; 68; 69; 70(3) & (4); 71; 73(2); 74; 75; 104(2); and 105.

<sup>23</sup> The Taranaki Regional Council will accept as compliance with this condition, an on-site domestic wastewater treatment system designed, constructed, operated and maintained in accordance with the 'New Zealand Manual of alternative wastewater treatment and disposal systems, volume II, Part A. On-site wastewater disposal from households and institutions.' Technical publication No. 58, second edition (Gunn, 1994).

## Discharge of stormwater

| Activity  | Rule      | Standards/Terms/Conditions  | Classification   | Notification | Control/Discretion | Policy Reference |
|---|-----------|---|------------------|--------------|--------------------|------------------|
| <p>Discharge of stormwater into or onto land or into water (excluding those wetlands listed in Appendix II) that is not provided for by Rules 25-27</p> <p><b>Note:</b> This rule excludes discharge of stormwater regulated by the NES-PF.</p> | <p>23</p> | <ul style="list-style-type: none"> <li>• The discharge shall not originate from any industrial or trade premise where the active area of the site is greater than 0.5 ha, unless there is an interceptor system in place that is designed and managed so that it will keep stormwater from entraining contaminants;</li> <li>• The discharge shall not originate from any industrial or trade premise where hazardous substances are used, stored or potentially spilt unless:               <ul style="list-style-type: none"> <li>(i) there is an interceptor system in place that is designed and managed so that it will keep stormwater from entraining contaminants; or</li> <li>(ii) there is an interceptor system in place that is designed and managed so that it is capable of capturing contaminated stormwater and either diverting it to trade waste or containing it and/or removing or reducing the contaminants such that:                   <ul style="list-style-type: none"> <li>- any spills can be recovered;</li> <li>- the discharge shall not contain any persistent or bioaccumulative substances;</li> <li>- the discharge shall not breach any other specified condition of this rule;</li> </ul>                   and a spill contingency and interceptor system maintenance plan is maintained and regularly updated for the site;                 </li> </ul> </li> <li>• The discharge shall not originate from any industrial or trade premises where the movement of rock, earth or other soil material is taking place, unless that movement is being undertaken in connection with site landscaping, or the installation, construction, maintenance or demolition of buildings, structures or equipment;</li> <li>• The discharge shall not be greater than is able to be discharged from a pipe of 900 mm in diameter;</li> </ul> | <p>Permitted</p> |              |                    |                  |

## Discharge of stormwater (continued)

| Activity          | Rule                   | Standards/Terms/Conditions   | Classification | Notification | Control/Discretion | Policy Reference    |                  |                      |     |                    |                   |                        |               |                      |           |  |  |  |
|-------------------|------------------------|--|----------------|--------------|--------------------|---------------------|------------------|----------------------|-----|--------------------|-------------------|------------------------|---------------|----------------------|-----------|--|--|--|
|                   |                        | <ul style="list-style-type: none"> <li>• The discharge shall not cause significant erosion, scour or deposition;</li> <li>• Discharge that will, or is liable to enter surface water, shall not exceed the following:               <table style="margin-left: 20px; border: none;"> <tr> <td style="padding-right: 10px;">pH</td> <td>6.0-9.0</td> </tr> <tr> <td>oil and grease</td> <td>15 gm<sup>-3</sup></td> </tr> <tr> <td>suspended solids</td> <td>100 gm<sup>-3</sup></td> </tr> <tr> <td>BOD</td> <td>5 gm<sup>-3</sup></td> </tr> <tr> <td>unionised ammonia</td> <td>0.025 gm<sup>-3</sup></td> </tr> <tr> <td>free chlorine</td> <td>0.2 gm<sup>-3</sup></td> </tr> </table> </li> <li>• The discharge shall not give rise to any of the following effects in receiving waters after reasonable mixing:               <ul style="list-style-type: none"> <li>(a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;</li> <li>(b) any conspicuous change in the colour or visual clarity;</li> <li>(c) any emission of objectionable odour;</li> <li>(d) the rendering of fresh water unsuitable for consumption by farm animals;</li> <li>(e) any significant adverse effects on aquatic life.</li> </ul> </li> </ul> | pH             | 6.0-9.0      | oil and grease     | 15 gm <sup>-3</sup> | suspended solids | 100 gm <sup>-3</sup> | BOD | 5 gm <sup>-3</sup> | unionised ammonia | 0.025 gm <sup>-3</sup> | free chlorine | 0.2 gm <sup>-3</sup> | Permitted |  |  |  |
| pH                | 6.0-9.0                |  |                |              |                    |                     |                  |                      |     |                    |                   |                        |               |                      |           |  |  |  |
| oil and grease    | 15 gm <sup>-3</sup>    |  |                |              |                    |                     |                  |                      |     |                    |                   |                        |               |                      |           |  |  |  |
| suspended solids  | 100 gm <sup>-3</sup>   |  |                |              |                    |                     |                  |                      |     |                    |                   |                        |               |                      |           |  |  |  |
| BOD               | 5 gm <sup>-3</sup>     |  |                |              |                    |                     |                  |                      |     |                    |                   |                        |               |                      |           |  |  |  |
| unionised ammonia | 0.025 gm <sup>-3</sup> |  |                |              |                    |                     |                  |                      |     |                    |                   |                        |               |                      |           |  |  |  |
| free chlorine     | 0.2 gm <sup>-3</sup>   |  |                |              |                    |                     |                  |                      |     |                    |                   |                        |               |                      |           |  |  |  |

### Discharge of stormwater (continued)

| Activity   | Rule | Standards/Terms/Conditions   | Classification | Notification                                 | Control/Discretion   | Policy Reference   |
|--|------|--|----------------|--|--|--|
| <p>Discharge of stormwater into or onto land or into water (excluding those wetlands listed in Appendix II) that is not provided for by Rules 25-27 and that does not come within or comply with the conditions of Rule 23</p> <p><b>Note:</b> This rule excludes discharge of stormwater regulated by the NES-PF.</p>   | 24   | <ul style="list-style-type: none"> <li>A stormwater management plan shall be submitted to the Taranaki Regional Council;</li> <li>The discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects of the discharge or discharges on any water body.</li> </ul>  | Controlled     | May be non-notified without written approval | <ul style="list-style-type: none"> <li>Approval of a stormwater management plan and the matters contained therein;</li> <li>Provision and approval of a contingency plan;</li> <li>Design, location, operation and maintenance of stormwater treatment and disposal system;</li> <li>The setting of conditions relating to volume and discharge rates;</li> <li>The setting of conditions relating to effects on receiving waters;</li> <li>Definition and delineation of mixing zone;</li> <li>Monitoring and information requirements;</li> <li>Duration of consent;</li> <li>Review of conditions of consent and the timing and purpose of the review;</li> <li>Payment of administrative charges and financial contributions.</li> </ul> | <p>3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.7</p> |
| <p>Discharges of stormwater and sediment deriving from soil disturbance activities of 1ha or less;</p> <ul style="list-style-type: none"> <li>Into surface water (excluding those wetlands listed in Appendix II) and/or</li> <li>Onto or into land in circumstances where sediment from soil disturbance may enter water</li> </ul> <p><b>Note:</b> This rule excludes discharge of stormwater regulated by the NES-PF.</p> | 25   | <ul style="list-style-type: none"> <li>The discharge shall not derive from an area of soil disturbance greater than 1ha<sup>24</sup>;</li> <li>The discharge shall not derive from a volume of soil disturbance greater than 3000m<sup>3</sup> <sup>24</sup>;</li> <li>Soil stabilisation shall be undertaken as soon as practicable after the completion of the works;</li> <li>Discharge to surface water shall contain less than 100gm<sup>3</sup> suspended solids;</li> <li>Discharge to surface water shall not give rise to any or all of the following effects in the receiving water after reasonable mixing:                             <ol style="list-style-type: none"> <li>the production of any conspicuous oil or grease films, scums, or foams, or floatable or suspended materials;</li> <li>any conspicuous change in the colour or visual clarity;</li> <li>any emission of objectionable odour;</li> <li>the rendering of fresh water unsuitable for consumption by farm animals;</li> <li>any significant adverse effects on aquatic life.</li> </ol> </li> </ul> | Permitted      |  |  |  |

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<sup>24</sup> For the purpose of this rule the area/volume of soil disturbance is defined as the total area of uncompacted and/or unvegetated exposed soil on any particular property or contiguous properties within the control of any particular person or persons.

## Discharge of stormwater (continued)

| Activity   | Rule | Standards/Terms/Conditions  | Classification | Notification | Control/Discretion | Policy Reference |
|--|------|---|----------------|--------------|--------------------|------------------|
| <p>Discharges of stormwater and sediment deriving from soil disturbance activities of between 1 and 8ha;</p> <ul style="list-style-type: none"> <li>• Into surface water (excluding those wetlands listed in Appendix II) and/or</li> <li>• Onto or into land in circumstances where sediment from the soil disturbance may enter water</li> </ul> <p><b>Note:</b> This rule excludes discharge of stormwater regulated by the NES-PF.</p> | 26   | <ul style="list-style-type: none"> <li>• The discharge shall not derive from an area of soil disturbance greater than 8ha<sup>25</sup>;</li> <li>• The discharge shall not derive from a volume of soil disturbance greater than 24,000m<sup>3</sup> <sup>25</sup>;</li> <li>• The discharge shall not derive from soil disturbance which takes place between 1 May and 31 October;</li> <li>• The discharge shall not derive from soil disturbance which takes place within a defined urban catchment;<sup>26</sup></li> <li>• Soil stabilisation shall be undertaken as soon as practicable after the completion of the works;</li> <li>• Discharge to surface water shall contain less than 100gm<sup>3</sup> suspended solids;</li> <li>• Discharge to surface water shall not give rise to any or all of the following effects in the receiving water after reasonable mixing:               <ul style="list-style-type: none"> <li>(a) the production of any conspicuous oil or grease films, scums, or foams, or floatable or suspended materials;</li> <li>(b) any conspicuous change in the colour or visual clarity;</li> <li>(c) any emission of objectionable odour;</li> <li>(d) the rendering of fresh water unsuitable for consumption by farm animals;</li> <li>(e) any significant adverse effects on aquatic life.</li> </ul> </li> </ul> | Permitted      |              |                    |                  |

<sup>25</sup> For the purpose of this rule the area/volume of soil disturbance is defined as the total area of uncompacted and/or unvegetated exposed soil on any particular property or contiguous properties within the control of any particular person or persons.

<sup>26</sup> Defined urban catchments are shown in Appendix IX of the Plan.

Discharge of stormwater (continued)

| Activity  | Rule      | Standards/Terms/Conditions   | Classification    | Notification  | Control/Discretion   | Policy Reference   |
|---|-----------|--|-------------------|---|--|--|
| <p>Discharge of stormwater and sediment into surface water (excluding those wetlands listed in Appendix II), or onto or into land in circumstances where sediment from soil disturbance may enter water, from soil disturbance activities that do not come within or comply with the conditions of Rules 25 or 26</p> <p><b>Note:</b> This rule excludes discharge of stormwater regulated by the NES-PF.</p> | <p>27</p> | <ul style="list-style-type: none"> <li>A site erosion and sediment control management plan shall be submitted to the Taranaki Regional Council.</li> </ul> | <p>Controlled</p> | <p>May be non-notified without written approval</p> | <ul style="list-style-type: none"> <li>Approval of a site erosion and sediment control management plan and the matters contained therein;</li> <li>Setting of conditions relating to adverse effects on water quality and the values of the waterbody;</li> <li>Timing of works;</li> <li>Any measures necessary to reinstate the land following the completion of the activity;</li> <li>Monitoring and information requirements;</li> <li>Duration of consent;</li> <li>Review of conditions of consent and the timing and purpose of the review;</li> <li>Payment of administrative charges and financial contributions.</li> </ul> | <p>3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1,3.2.23.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4</p> |



## Discharges from closed landfills

| Activity  | Rule | Standards/Terms/Conditions  | Classification | Notification | Control/Discretion | Policy Reference |
|---|------|---|----------------|--------------|--------------------|------------------|
| Discharge of leachate from closed landfills to water (excluding the wetlands listed in Appendix II) | 28   | <ul style="list-style-type: none"> <li>• The discharge shall not give rise to any of the following effects in the receiving water after reasonable mixing:                             <ul style="list-style-type: none"> <li>(a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;</li> <li>(b) any conspicuous change in the colour or visual clarity;</li> <li>(c) any emission of objectionable odour;</li> <li>(d) the rendering of fresh water unsuitable for consumption by farm animals;</li> <li>(e) any significant adverse effects on aquatic life;</li> </ul> </li> <li>• The discharge shall not cause the following limits to be exceeded in the receiving water after reasonable mixing:                             <ul style="list-style-type: none"> <li>(a) unionised ammonia expressed as nitrogen     0.02gm<sup>-3</sup>;</li> <li>(b) total zinc   0.05gm<sup>-3</sup>;</li> </ul> </li> <li>• The discharge shall not cause the dissolved oxygen concentration of the receiving water to fall below 80% of saturation concentration after reasonable mixing;</li> <li>• The discharge shall not cause the concentration of filtered carbonaceous biochemical oxygen demand to exceed 2.00gm<sup>-3</sup> in the receiving water after reasonable mixing.</li> </ul> | Permitted      |              |                    |                  |

## Discharges from industrial and trade premises

| Activity  | Rule | Standards/Terms/Conditions   | Classification | Notification | Control/Discretion | Policy Reference |
|---|------|--|----------------|--------------|--------------------|------------------|
| Discharge of contaminants from industrial and trade premises onto or into land, excluding those provided for by Rules 22, 23 and 42 | 29   | <ul style="list-style-type: none"> <li>Only waste generated on the subject property shall be discharged;</li> <li>The discharge shall not result in surface ponding or runoff of any contaminant into a surface water body;</li> <li>There shall be no direct discharge of any contaminant into a surface water body;</li> <li>The discharge shall not be within 25m of a surface water body;</li> <li>The discharge shall not be within 50m of any existing bore, well or spring used for water supply;</li> <li>The discharge shall not, either directly or indirectly, cross the boundaries of the subject property;</li> <li>The discharge shall not be noxious, dangerous, offensive or objectionable to such an extent that it has or is likely to have a significant adverse effect on the environment<sup>27</sup>.</li> </ul> | Permitted      |              |                    |                  |

<sup>27</sup> The Taranaki Regional Council will accept as compliance with this condition, that the discharge shall not result in a soil concentration of contaminants that exceed the lowest level of any of the following:

- the environmental investigation guideline levels specified in the Australian and NZ Guidelines for the Assessment and Management of Contaminated Sites (ANZECC, 1992);
- the bacteriological guidelines specified in Table 1 of the Appendix to the Public Health Guidelines for the Safe Use of Sewage Effluent and Sewage Sludge on Land (Department of Health, 1992);
- the most stringent of the adopted soil criteria set out in Table 5.1, and the most stringent of the water quality guidelines as set out in Table 6.3, of the Health and Environmental Guidelines for Selected Timber Treatment Chemicals (MfE, 1997);
- the most stringent of the adopted soil guideline values stated in Section 4.2.7 and the most stringent of the water quality acceptance criteria in Table 4.7 of the Guidelines for the Management of Contaminated Gasworks Sites in New Zealand (MfE, 1997);
- the most stringent of the water or soil guideline values stated in Tables 4.10-4.15 and 5.11-5.12 of the Draft Guidelines for the Assessment and Management of Petroleum Hydrocarbon Contaminated Sites (MfE, 1997).

## Agricultural discharges

| Activity  | Rule | Standards/Terms/Conditions   | Classification | Notification | Control/Discretion | Policy Reference |
|---|------|--|----------------|--------------|--------------------|------------------|
| Discharge of offal, farm rubbish, leachate from silage pits and feedlots and other on-farm waste material into or onto land excluding those materials covered by Rules 22 and 35-39 | 30   | <ul style="list-style-type: none"> <li>• Discharge occurs onto or into production land;</li> <li>• Only waste generated on the subject property shall be discharged;</li> <li>• Discharge shall not occur within 50m of any bore, well or spring used for water supply purposes;</li> <li>• Discharge shall not occur within 25m of any surface water body;</li> <li>• Discharge shall not lead or be liable to lead to any contaminants entering surface water;</li> <li>• Disposal of surplus agrichemical solution and containers shall be undertaken in accordance with the recommendations of the manufacturer or supplier, as stated in the directions on the product container label;</li> <li>• Offal pits shall be securely covered;</li> <li>• Offal pits shall be at least 15m from any other offal pit that has been used within the previous five years.</li> </ul>   | Permitted      |              |                    |                  |
| Discharge of fertiliser onto or into land   | 31   | <ul style="list-style-type: none"> <li>• Fertiliser is approved for use under section 5 of the Fertilisers Act 1960 or under the Agricultural Compounds and Veterinary Medicines Act 1997;</li> <li>• Discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects of fertiliser drift beyond the boundary of the target property or on other non-target areas within the boundary of the property;</li> <li>• If discharge is by any other method than aerial application, discharge shall not occur directly on or above a river, lake, wetland or other surface water body, including any drain which is discharging to a surface water body; OR</li> <li>• If discharge is by aerial application, fertiliser shall be applied in a manner which does not cause or is not likely to cause an adverse effect from deposition into a river, lake, wetland or other surface water body, including any drain which discharges to a surface water body.</li> </ul> | Permitted      |              |                    |                  |

### Agricultural discharges (continued)

| Activity   | Rule | Standards/Terms/Conditions  | Classification | Notification | Control/Discretion | Policy Reference |
|--|------|---|----------------|--------------|--------------------|------------------|
| Discharge of aquatic herbicides onto or into surface water <sup>28</sup> (excluding the wetlands listed in Appendix IIA) | 32   | <ul style="list-style-type: none"> <li>• Aquatic herbicide is approved for use under section 21 of the Pesticides Act 1979 or the Hazardous Substances and New Organisms Act 1996;</li> <li>• Discharger must at all times adopt the best practicable option to prevent or minimise any adverse effects beyond the boundary of the target property or other non-target areas within the boundary of the property;</li> <li>• Discharge shall be undertaken in accordance with manufacturer's instructions and any relevant regulations;</li> <li>• Discharge shall be for the purpose of eradicating, modifying or controlling unwanted aquatic plants, and shall not exceed the quantity, concentration or rate necessary;</li> <li>• The discharge shall not give rise to any or all of the following effects in the receiving water after reasonable mixing:               <ul style="list-style-type: none"> <li>(a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;</li> <li>(b) any conspicuous change in the colour or visual clarity;</li> <li>(c) any emission of objectionable odour;</li> <li>(d) the rendering of fresh water unsuitable for consumption by farm animals;</li> <li>(e) any significant adverse effects on aquatic life;</li> </ul> </li> <li>• There shall be no adverse effect on any take for potable or water supply, or any take under a resource consent or permitted by Rule 15 of this Plan;</li> <li>• Discharger shall notify the Taranaki Regional Council as soon as practicable in the event of accidental or unintended discharge of herbicides;</li> <li>• Discharger shall keep records of the name of applicator, agrichemical equipment used and methods of use, including equipment calibration details, type of each agrichemical applied, the volume and concentration of the agrichemical used, the locality, area and date of application, the location and nature of any sensitive area, weather conditions including wind speed and direction, and any abnormal situation or incident.</li> </ul> | Permitted      |              |                    |                  |

<sup>28</sup> Appendix VI contains information on good agrichemical spray management practices that provides general guidance on the best practicable option for preventing or minimising adverse effects on the environment from spraying of agrichemicals.

## Agricultural discharges (continued)

| Activity   | Rule | Standards/Terms/Conditions   | Classification | Notification | Control/Discretion | Policy Reference |
|--|------|--|----------------|--------------|--------------------|------------------|
| Discharge of agrichemicals onto or into land by land-based application methods <sup>29</sup> (excluding discharge of agrichemicals by spray application) <sup>30</sup> | 33   | <ul style="list-style-type: none"> <li>• Agrichemical is approved for use under section 21 of the Pesticides Act 1979 or the Hazardous Substances and New Organisms Act 1996;</li> <li>• Discharger shall avoid any contaminant entering surface water;</li> <li>• Discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects beyond the boundary of the target property or other non-target areas within the boundary of the property;</li> <li>• Discharge shall be undertaken in accordance with manufacturer's instructions and any relevant regulations;</li> <li>• Discharger shall notify the Taranaki Regional Council as soon as practicable in the event of accidental or unintended discharge of agrichemicals to surface water.</li> </ul> | Permitted      |              |                    |                  |
| Discharge of agrichemicals by aerial application methods to land <sup>31</sup> , (excluding discharge of agrichemicals by spray application) <sup>32</sup>             | 34   | <ul style="list-style-type: none"> <li>• Agrichemical is approved for use under section 21 of the Pesticides Act 1979 or the Hazardous Substances and New Organisms Act 1996;</li> <li>• Discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects beyond the boundary of the target property or other non-target areas within the boundary of the property;</li> <li>• Discharge shall be undertaken in accordance with manufacturer's instructions and any relevant regulations;</li> <li>• A method for positional navigation shall be used;</li> <li>• Discharger shall notify the Taranaki Regional Council as soon as practicable in the event of accidental or unintended discharge of agrichemicals to surface water.</li> </ul>              | Permitted      |              |                    |                  |

<sup>29</sup> Under the Pesticides (Vertebrate Pest Control) Regulations 1983, approval may be required from the Medical Officer of Health and the relevant district council for the discharge of controlled pesticides.

<sup>30</sup> Aerial spray application of agrichemicals is addressed in the Regional Air Quality Plan for Taranaki (1997). Appendix IV of the Regional Air Quality Plan for Taranaki contains information on good agrichemical spray management practices that provides general guidance on the best practicable option for preventing or minimising adverse effects on the environment from spraying of agrichemicals.

<sup>31</sup> Under the Pesticides (Vertebrate Pest Control) Regulations 1983, approval may be required from the Medical Officer of Health and the relevant district council for the discharge of controlled pesticides.

<sup>32</sup> Aerial spray application of agrichemicals is addressed in the Regional Air Quality Plan for Taranaki (1997). Appendix IV of the Regional Air Quality Plan for Taranaki contains information on good agrichemical spray management practices that provides general guidance on the best practicable option for preventing or minimising adverse effects on the environment from spraying of agrichemicals.

### Agricultural discharges (continued)

| Activity   | Rule | Standards/Terms/Conditions   | Classification | Notification                                 | Control/Discretion   | Policy Reference   |
|--|------|--|----------------|--|--|--|
| Discharge of farm dairy effluent onto or into land <sup>33</sup>   | 35   | <ul style="list-style-type: none"> <li>The discharge shall not result or be liable to result in any contaminant entering surface water;</li> <li>Discharge shall not occur within 50m of any bore, well or spring used for water supply purposes;</li> <li>Discharge shall not occur within 25m of any surface waterbody;</li> <li>The discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects of the discharge or discharges on the environment;</li> <li>The effluent application rate shall not exceed 200 kg N/ha/year.</li> </ul>  | Controlled     | May be non-notified without written approval | <ul style="list-style-type: none"> <li>Location and area of disposal;</li> <li>Design, construction, location, operation, and maintenance of effluent storage, treatment or disposal system;</li> <li>Conditions relating to minimum effluent quality and to volume and application rates;</li> <li>The setting of conditions relating to the effects of the discharge on public water supplies;</li> <li>administrative charges;</li> <li>Monitoring and reporting requirements;</li> <li>Duration of consent;</li> <li>Review of the conditions of consent and the timing and purpose of the review.</li> </ul>  | 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.5, 6.2.6 |
| Discharge of treated farm dairy effluent to surface water (excluding the wetlands listed in Appendix II) <sup>34</sup> | 36   | <ul style="list-style-type: none"> <li>A dilution rate of 1:100 shall be maintained at all times at the point of discharge;</li> <li>The discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects of the discharge or discharges on any water body;</li> <li>At or beyond the downstream boundary of a mixing zone, the discharge shall not cause the concentration of unionised ammonia to exceed 0.025gm<sup>-3</sup> NH<sub>3</sub> expressed as nitrogen, nor the concentration of filtered carbonaceous biochemical oxygen demand to exceed 2.0gm<sup>-3</sup></li> </ul> | Controlled     | May be non-notified without written approval | <ul style="list-style-type: none"> <li>Design, construction, location, operation, and maintenance of effluent storage, treatment and disposal system;</li> <li>Conditions relating to minimum effluent quality and to volume and discharge rates;</li> <li>The setting of conditions relating to the effects of the discharge on public water supplies;</li> <li>Dilution rate in receiving waters;</li> <li>Definition and delineation of mixing zone;</li> <li>Location of discharge point;</li> <li>Administrative charges;</li> <li>Monitoring and reporting requirements;</li> <li>Duration of consent;</li> <li>Review of the conditions of consent and the timing and purpose of the review.</li> </ul> | 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.6        |

<sup>33</sup> Appendix VIIA contains information on good management practices for the discharge of farm dairy effluent to land that provide general guidance on the best practicable option for preventing or minimising adverse effects on the environment from the discharge of farm dairy effluent to land.

<sup>34</sup> Appendix VIIB contains information on good management practices for the discharge of farm dairy effluent to water that provide general guidance on the best practicable option for preventing or minimising adverse effects on the environment from the discharge of piggery or poultry effluent to land.

## Agricultural discharges (continued)

| Activity  | Rule | Standards/Terms/Conditions   | Classification | Notification                                 | Control/Discretion  | Policy Reference  |
|---|------|--|----------------|--|---|---|
| Discharge of piggery or poultry washdown water or poultry effluent onto or into land <sup>35</sup>  | 37   | <ul style="list-style-type: none"> <li>The discharge shall not result or be liable to result in any contaminant entering surface water;</li> <li>Discharge shall not occur within 50m of any bore or well used for water supply purposes;</li> <li>Discharge shall not occur within 25m of any surface waterbody;</li> <li>The discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects of the discharge on the environment;</li> <li>The effluent application rate shall not exceed 200 kg N/ha/yr.</li> </ul>  | Controlled     | May be non-notified without written approval | <ul style="list-style-type: none"> <li>Location and area of disposal;</li> <li>Design, construction, location, operation, and maintenance of effluent storage, treatment and disposal system;</li> <li>Conditions relating to minimum effluent quality and to volume and application rates;</li> <li>Administrative charges;</li> <li>Monitoring and reporting requirements;</li> <li>Duration of consent;</li> <li>Review of the conditions of consent and the timing and purpose of the review;</li> <li>The setting of conditions relating to the effects of the discharge on public water supplies.</li> </ul>  | 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4,       |
| Discharge of treated poultry washdown water to surface water (excluding the wetlands listed in Appendix II)   | 38   | <ul style="list-style-type: none"> <li>A dilution rate of 1:100 shall be maintained at all times at the point of discharge;</li> <li>The discharger shall at all times adopt the best practicable option to prevent or minimise any adverse effects of the discharge or discharges on any water body;</li> <li>The discharge shall contain less than 100 gm<sup>-3</sup> suspended solids;</li> <li>At or beyond the boundary of a downstream mixing zone, the discharge shall not cause the concentration of unionised ammonia to exceed 0.025 gm<sup>-3</sup> NH<sub>3</sub> expressed as nitrogen, nor the concentration of filtered carbonaceous biochemical oxygen demand to exceed 2.0 gm<sup>-3</sup>.</li> </ul> | Controlled     | May be non-notified without written approval | <ul style="list-style-type: none"> <li>Design, location, operation and maintenance of washdown water storage, treatment and disposal system;</li> <li>Conditions relating to minimum effluent quality and to volume and discharge rates;</li> <li>The setting of conditions relating to the effects of the discharge on public water supplies;</li> <li>Dilution rate in receiving waters;</li> <li>Definition and delineation of mixing zone;</li> <li>Location of discharge point;</li> <li>Administrative charges;</li> <li>Monitoring and reporting requirements;</li> <li>Duration of consent;</li> <li>Review of conditions of consent and the timing and purpose of the review.</li> </ul> | 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.7 |
| Discharge of treated farm dairy effluent (that does not meet the conditions of Rule 36), or treated piggery or poultry effluent to surface water (excluding the wetlands listed in Appendix II) | 39   |  | Discretionary  | May be non-notified                          |   | 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.6 |

<sup>35</sup> Appendix VIIC and Appendix VIID contain information on good management practices for the discharge of piggery effluent or poultry washdown water or poultry effluent onto or into land that provide general guidance on the best practicable option for preventing or minimising adverse effects on the environment from the discharge of piggery effluent or poultry washdown water or poultry effluent to water.

### Agricultural discharges (continued)

| Activity  | Rule | Standards/Terms/Conditions | Classification | Notification | Control/Discretion | Policy Reference |
|---|------|----------------------------|----------------|--------------|--------------------|------------------|
| Discharge of untreated farm dairy, piggery or poultry effluent to surface water | 40   |                            | Prohibited     |              |                    |                  |

### Discharges from hydrocarbon exploration

| Activity  | Rule | Standards/Terms/Conditions   | Classification | Notification                                 | Control/Discretion   | Policy Reference  |
|---|------|--|----------------|--|--|---|
| Discharge of surplus drill water and production water from hydrocarbon exploration activities to surface water (excluding the wetlands listed in Appendix II) | 41   | <ul style="list-style-type: none"> <li>The discharger must at all times adopt the best practicable option to prevent or minimise any adverse effects of the discharge or discharges to any surface water body.</li> <li>The discharge shall have a pH range of 6.5-8.5;</li> <li>The discharge shall contain less than 15gm<sup>-3</sup> of oil and grease;</li> <li>The discharge shall contain less than 100gm<sup>-3</sup> suspended solids;</li> <li>The discharge shall not cause the temperature of the receiving water to increase by more than 2°C or the level of biochemical oxygen demand to increase by more than 2.00gm<sup>-3</sup> after reasonable mixing;</li> <li>The discharge shall not give rise to any or all of the following effects in the receiving water after reasonable mixing:               <ol style="list-style-type: none"> <li>the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;</li> <li>any conspicuous change in the colour or visual clarity;</li> <li>any emission of objectionable odour;</li> <li>the rendering of fresh water unsuitable for consumption by farm animals;</li> <li>any significant adverse effects on aquatic life;</li> </ol> </li> <li>The applicant must provide with an application, a contingency plan for avoiding, remedying or mitigating unauthorised discharges.</li> </ul> | Controlled     | May be non-notified without written approval | <ul style="list-style-type: none"> <li>Definition and delineation of mixing zone;</li> <li>Approval of contingency plan and all matters contained therein;</li> <li>Setting of conditions relating to adverse effects on aquatic life and the environment;</li> <li>Monitoring and information requirements;</li> <li>Duration of consent;</li> <li>Review of conditions of consent and the timing and purpose of the review;</li> <li>Payment of administrative charges and financial contributions.</li> </ul> | 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.7 |



## Discharges from hydrocarbon exploration (continued)

| Activity   | Rule | Standards/Terms/Conditions   | Classification | Notification                                 | Control/Discretion   | Policy Reference  |
|--|------|--|----------------|--|--|---|
| Discharge of drilling muds, drilling cuttings and drilling wastes onto or into land from hydrocarbon exploration | 42   | <ul style="list-style-type: none"> <li>• The discharge shall not result or be liable to result in any contaminant entering surface water;</li> <li>• The discharger must at all times adopt the best practicable option to prevent or minimise any adverse effects of the discharge or discharges to any water body or soil;</li> <li>• The discharge shall contain less than 15mg/kg oil and grease;</li> <li>• There shall be no adverse chemical effects on groundwater beyond the site.</li> </ul> | Controlled     | May be non-notified without written approval | <ul style="list-style-type: none"> <li>• Approval of contingency plan and matters contained therein;</li> <li>• Setting of conditions relating to adverse effects on soil, groundwater and the environment, site closure and rehabilitation;</li> <li>• Monitoring and information requirements;</li> <li>• Duration of consent;</li> <li>• Review of conditions of consent and the timing and purpose of the review;</li> <li>• Payment of administrative charges and financial contributions.</li> </ul> | 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.7 |

## Other discharges

| Activity  | Rule | Standards/Terms/Conditions | Classification | Notification | Control/Discretion | Policy Reference  |
|---|------|----------------------------|----------------|--------------|--------------------|---|
| Discharge of contaminants or water into surface water (excluding the wetlands listed in Appendix II) which is not provided for in Rules 21-42 or which is provided for but does not meet the standards, terms or conditions | 43   |                            | Discretionary  |              |                    | 3.1.2, 3.1.3, 3.1.4, 3.1.5, 3.1.6, 3.1.7, 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.7 |

Other discharges (continued)

| Activity  | Rule | Standards/Terms/Conditions | Classification | Notification | Control/Discretion | Policy Reference  |
|---|------|----------------------------|----------------|--------------|--------------------|---|
| Discharge of contaminants onto or into land restricted by s15(1)(b) (where contaminants may reach water) and s15(1)(d) (where the discharge is from industrial or trade premises) of the Resource Management Act 1991 which is not expressly provided for in Rules 21-42 or which is provided for but does not meet the standards, terms or conditions <b>and</b> any other discharge of contaminants to land which is provided for in Rules 21-42 but which does not meet the standards, terms or conditions of those rules (irrespective of whether the discharges are from industrial or trade premises or are likely to reach water). | 44   |                            | Discretionary  |              |                    | 3.2.1, 3.2.2, 3.2.3, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 4.1.6, 5.1.1, 5A.1.1, 5A.1.2, 5A.1.3, 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.7 |
| Discharge of untreated municipal sewage to water  | 45   |                            | Prohibited     |              |                    |   |