

# Regional Cleanfill

## Monitoring Programme

### Annual Report

#### 2021-2022

Technical Report 2022-44



Working with people | caring for Taranaki

Taranaki Regional Council  
Private Bag 713  
Stratford

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## Executive summary

The Taranaki Regional Council (the Council) implements a co-ordinated monitoring programme for a number of cleanfill operators within the Taranaki region. Specifically this programme covers cleanfills operated by AA Contracting Ltd (AA Contracting), A & A George Family Trust (George Family), AE Riddick (Riddick), BJ & LB Bishop (Bishop), Dennis Wheeler Earthmoving Ltd (Wheeler), Downer EDI Works Ltd (Downer) (three sites), Gas and Plumbing Ltd (Gas and Plumbing), Smudgy Developments (Smudgy), Taranaki Civil Construction Ltd (Taranaki Civil) and Taranaki Trucking Company Ltd (Taranaki Trucking).

During the monitoring period, AA Contracting, Riddick, Wheeler, Downer (Dorset Road), Downer (South Road), Gas and Plumbing, Smudgy and Taranaki Civil demonstrated a high level of environmental performance and a high level of administrative performance.

During the monitoring period, Downer (Veale Road) demonstrated a good level of environmental performance and a high level of administrative performance.

During the monitoring period, George Family demonstrated a good level of environmental performance and a good level of administrative performance.

During the monitoring period, Bishop and Taranaki Trucking demonstrated a good level of environmental performance and an improvement was required in their administrative performance.

This report for the period July 2021 to June 2022 describes the monitoring programme implemented by the Council to assess the environmental performance at each of these sites during the period under review. The report details the results of the monitoring undertaken and assesses the environmental effects of these cleanfilling activities.

Within this programme, the 12 consented cleanfill operations monitored hold a total of 15 resource consents, which include a total of 190 conditions that the cleanfill operators must satisfy. The consents covering the activities monitored under this programme consist of three consents to discharge cleanfill where contaminants may enter surface water, two consents relating to piping, culverts and/or reclamation, and nine consents to discharge cleanfill onto and into land.

The Council's monitoring programme included a total 36 inspections, with each site receiving either two or three scheduled inspections as programmed. Follow up inspections were undertaken at the George Family and Downer (South Road) sites. Two additional site visits were undertaken at the Riddick site to discuss Council requirements relating to a proposed expansion of the cleanfill site and a change of operator to Taranaki Civil. The Council collected 25 water samples for physicochemical analysis during the 2021-2022 year. This monitoring is usually scheduled to be undertaken during low flow conditions with a focus on the potential effects of leachate. Historical monitoring has shown little, if any, effect at these sites to date. During the year under review, the sampling deferred from the 2020-2021 year took place under wetter spring conditions to assess the potential effects from sediment discharges. Minor transient effects were found at the George Family cleanfill at a time when there were inadequate silt controls at the site. Sediment controls were subsequently installed and the suspended solids content of the discharge from the site was low at the time of the following inspection and sampling.

No significant adverse environmental effects were observed as a result of any of the consent holders' activities at the time of the inspections. There was little, if any unauthorised material found at most of the sites, and where unauthorised materials were found, these items were dealt with promptly and appropriately with little intervention.

During the period under review AA Contracting, Riddick, Wheeler, Downer (Dorset Road), Downer (South Road), Gas and Plumbing, Smudgy and Taranaki Civil all demonstrated a **high** level of environmental and a **high** administrative performance with their resource consents.

On the whole, during the year, George Family demonstrated a **good** level of environmental performance and a **good** level of administrative performance. Improvements in the Company's environmental and administrative performance were found to be required at the time of the first inspection in the year under review. These improvements were made following a site meeting at which the matters of concern and resolutions were discussed.

During the year, Bishop demonstrated a **good** level of environmental performance and **improvement was required** in the administrative performance with their resource consents as defined in Appendix II. Silt retention structures had not been installed at the toe of the cleanfill area as required by condition 6 of consent 5877-2 at two consecutive inspections. An abatement notice was issued. This was found to have been complied with at the time of the final inspection of the year.

During the year, Downer (Veale Road) demonstrated a **good** level of environmental performance and a **high** level of administrative performance with their Veale Road resource consent as defined in Appendix II. It is noted that continued attention to maintenance of the silt controls at the site is required to ensure on-going compliance with this aspect of the consent and the abatement notice issued in September 2019.

During the year, Taranaki Trucking demonstrated a **good** level of environmental performance and a **need to improve** their level of administrative performance with their resource consents as defined in Appendix II. There was no evidence of any activity at the site during the year under review. The Council is working with the consent holder with respect to the closure requirements for the site, which include the removal of unacceptable material from the site. No adverse effects were found at the time of the inspections or sampling.

For reference, in the 2021-2022 year, consent holders were found to achieve a high level of environmental performance and compliance for 88% of the consents monitored through the Taranaki tailored monitoring programmes, while for another 10% of the consents, a good level of environmental performance and compliance was achieved.

This report includes recommendations for the 2022-2023 monitoring period including a recommendation relating to an optional review of consents 10990-1.0 (Taranaki Civil).



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# 1 Introduction

## 1.1 Compliance monitoring programme reports and the Resource Management Act 1991

### 1.1.1 Introduction

This report is for the period July 2021 to June 2022 by the Taranaki Regional Council (the Council) for the monitoring programme associated with resource consents held by a number of cleanfill operators (Table 1). The cleanfills are located at various locations throughout the Taranaki region as shown in Figure 1.

The report includes the results and findings of the monitoring programme implemented by the Council with respect to the consents held by the cleanfills that relate to land use, discharges of contaminants into and onto land, and to water. This report is the 16th annual report to be prepared by the Council for cleanfills in the region.

### 1.1.2 Structure of this report

**Section 1** of this report is a background section. It sets out general information about:

- consent compliance monitoring under the RMA and the Council's obligations;
- the Council's approach to monitoring sites through annual programmes;
- the resource consents held by cleanfill operators in the region;
- the nature of the monitoring programme in place for the period under review; and
- a description of the activities and operations conducted at the cleanfills.

**Sections 2-13** present the results for each cleanfill site, discuss their significance for the environment and make recommendations for the 2022-2023 monitoring year.

**Section 14** summarises the recommendations to be implemented in the 2022-2023 monitoring year.

A glossary of common abbreviations and scientific terms, and a bibliography, are presented at the end of the report.

### 1.1.3 The Resource Management Act 1991 and monitoring

The RMA primarily addresses environmental 'effects' which are defined as positive or adverse, temporary or permanent, past, present or future, or cumulative. Effects may arise in relation to:

- a. the neighbourhood or the wider community around an activity, and may include cultural and social-economic effects;
- b. physical effects on the locality, including landscape, amenity and visual effects;
- c. ecosystems, including effects on plants, animals, or habitats, whether aquatic or terrestrial;
- d. natural and physical resources having special significance (for example recreational, cultural, or aesthetic); and
- e. risks to the neighbourhood or environment.

In drafting and reviewing conditions on discharge consents, and in implementing monitoring programmes, the Council is recognising the comprehensive meaning of 'effects' inasmuch as is appropriate for each activity. Monitoring programmes are not only based on existing consent conditions, but also on the obligations of the RMA to assess the effects of the exercise of consents. In accordance with Section 35 of the RMA, the Council undertakes compliance monitoring for consents and rules in regional plans, and

maintains an overview of the performance of resource users and consent holders. Compliance monitoring, including both activity and impact monitoring, enables the Council to continually re-evaluate its approach and that of consent holders to resource management and, ultimately, through the refinement of methods and considered responsible resource utilisation, to move closer to achieving sustainable development of the region's resources.

#### 1.1.4 Investigations, interventions, and incidents

The monitoring programme for the year was based on what was considered to be an appropriate level of monitoring, review of data, and liaison with the consent holder. During the year matters may arise which require additional activity by the Council, for example provision of advice and information, or investigation of potential or actual causes of non-compliance, or failure to maintain good practices. A pro-active approach that in the first instance avoids issues occurring is favoured.

The Council operates and maintains a register of all complaints or reported and discovered excursions from acceptable limits and practices, including non-compliance with consents, which may damage the environment. The incident register includes events where the Company concerned has itself notified the Council. The register contains details of any investigation and corrective action taken.

Complaints may be alleged to be associated with a particular site. If there is potentially an issue of legal liability, the Council must be able to prove by investigation that the identified company is indeed the source of the incident (or that the allegation cannot be proven).

#### 1.1.5 Evaluation of environmental and administrative performance

In addition to discussing the various details of the performance and extent of compliance by the consent holders, this report also assigns a rating for each Company's environmental and administrative performance during the period under review. The rating categories are high, good, improvement required and poor for both environmental and administrative performance. The interpretations for these ratings are found in Appendix II.

For reference, in the 2021-2022 year, consent holders were found to achieve a high level of environmental performance and compliance for 88% of the consents monitored through the Taranaki tailored monitoring programmes, while for another 10% of the consents, a good level of environmental performance and compliance was achieved.<sup>1</sup>

## 1.2 Process description

### 1.2.1 Cleanfill material

Cleanfill material is any material that when buried will have no adverse effect on people or the environment. Cleanfill material includes natural materials such as clay, sand, soil and rock, and other inert materials such as concrete or brick, cement or cement wastes, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, fibreglass, plastics, stumps and roots, whether singly or in combination or mixture, or any other material that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation. Adverse effects are generally limited to intentional or accidental disposal of non-cleanfill material, and discharges of sediment into waterways from earthworks and exposed soil.

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<sup>1</sup> The Council has used these compliance grading criteria for more than 18 years. They align closely with the 4 compliance grades in the MfE Best Practice Guidelines for Compliance, Monitoring and Enforcement, 2018

Cleanfill material does not include wastes such as food wastes, paper and cardboard, grass clippings, garden wastes containing green vegetation, textiles, steel, galvanised metals, tanalised timber, construction materials containing paint or fillers or sealers or their containers, oils or greases or liquids or sludges or their containers, industrial process by-products, poisons or solvents or their containers, batteries, general domestic refuse, or any other wastes containing green vegetation, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation. It also excludes any material that may release leachate that could adversely affect receiving water quality.

### 1.2.2 Cleanfill site

A cleanfill site is any landfill that only accepts cleanfill material as defined above. Cleanfill is often used to fill in gullies to produce flat usable land and resource consents to culvert small streams under the fill are often associated with these types of works. Cleanfilling is also extensively used for the reinstatement of quarries. In the Taranaki region there are currently 25 consented cleanfills, 12 of which are covered in this report under the combined cleanfill monitoring programme. The other 13 cleanfills are reported on separately, are inactive or are small short term activities monitored on an as required basis.

## 1.3 Resource consents

The resource consents held for the cleanfills monitored under this programme during the year under review are summarised in Table 1, with the locations shown in Figure 1. A summary of the various consent types issued by the Council is included in Appendix I, as are copies of all consents held by the companies during the period under review.

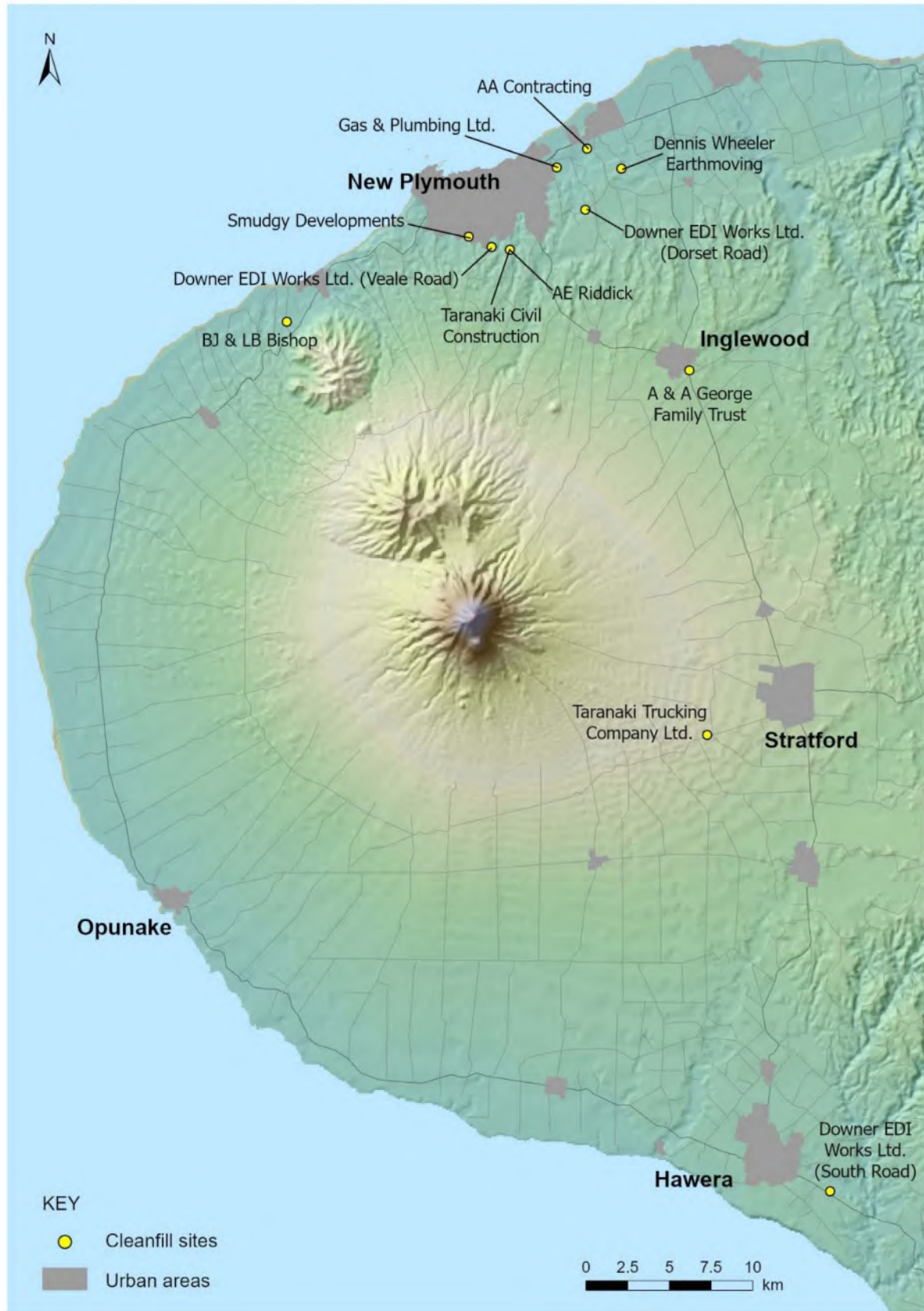


Figure 1 Regional map showing the locations of the cleanfills monitored under this programme during the year under review.

Table 1 Cleanfill related consents monitored under this programme during the period under review.

Consent Holder	Resource consent	Purpose	Consent Type <sup>2</sup>	Granted	Next Review	Expiry	Location	Water body
AA Contracting Ltd	5179-2	To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation	Land use consent	31 Oct 2014	June 2026	1 Jun 2032	Henwood Road, New Plymouth	Mangaone Stream (Waiwhakaiho catchment)
	5180-2	To discharge cleanfill onto and into land	Discharge to land	31 Oct 2014	June 2026	1 Jun 2032		
A & A George Family Trust	9680-1.1	To discharge cleanfill onto and into land, where contaminants may enter an unnamed tributary of the Kurapete Stream	Discharge to land/water	19 Jun 2019	-	1 Jun 2027	Dudley Road, Inglewood	Manganui and Kurapete Streams (Waitara catchment)
	10748-1.0 <sup>3</sup>	To install piping in a section of an unnamed tributary of the Kurapete Stream, including associated stream bed disturbance and reclamation	Land use consent		Jun 2027	1 Jun 2033		
AE Riddick [Formerly held by EE Riddick]	3977-4	To discharge cleanfill onto and into land	Discharge to land	15 Dec 2014	June 2026	1 Jun 2032	492 & 496 Carrington Road, New Plymouth	Huatoki Stream (Huatoki catchment)
BJ & LB Bishop	5888-2.0	To reclaim a stream by ongoing use of existing piping in the headwaters of an unnamed tributary of the Waimoku Stream for cleanfilling activities	Land use	14 Jun 2019	June 2025	1 Jun 2037	Ahu Ahu Road, Oakura	Waimoku Stream (Waimoku catchment)
	5877-2	To discharge cleanfill onto and into land	Discharge to land	4 Apr 2013	June 2025	1 Jun 2031		

<sup>2</sup> Discharge to land = Discharge of wastes to land; Discharge to water = Water discharge consent

<sup>3</sup> Associated piping consent. Not monitored under this programme

Consent Holder	Resource consent	Purpose	Consent Type <sup>2</sup>	Granted	Next Review	Expiry	Location	Water body
Dennis Wheeler Earthmoving Ltd	10234-1	To discharge cleanfill onto and into land	Discharge to land	8 Mar 2016	June 2026	1 Jun 2032	Paraite Road, Bell Block	Unnamed Tributary of the Mangati Stream (Mangati catchment)
Downer EDI Works Ltd	9532-1	To discharge cleanfill onto and into land, where contaminants may enter an unnamed tributary of the Manganaha Stream, including associated stream bed reclamation	Discharge to land/water	6 May 2013	June 2026	1 Jun 2032	Dorset Road, New Plymouth	Manganaha Stream (Waiwhakaiho catchment)
Downer EDI Works Ltd	5213-2	To discharge cleanfill onto and into land	Discharge to land	13 May 2014	June 2026	1 Jun 2032	Veale Road, New Plymouth	Huatoki Stream (Huatoki catchment)
Downer EDI Works Ltd	6964-1	To discharge cleanfill onto and into land	Discharge to land	19 Jul 2013	-	1 Jun 2022 S124 protection	South Road, Hawera	Tangahoe Stream (Tangahoe catchment)
Gas & Plumbing Ltd	7165-1	To discharge cleanfill onto and into land in the vicinity of an unnamed tributary of the Mangaone Stream	Discharge to land	12 Oct 2007	-	1 Jun 2026	Colson Rd, New Plymouth	Mangaone Stream (Waiwhakaiho catchment)
Smudgy Developments	10585-1.0	To discharge cleanfill onto and into land	Discharge to land	13 June 2019	June 2024	1 Jun 2032	Tukapa Street, Hurdon	Unnamed Tributary of the Waimea Stream (Huatoki catchment)
Taranaki Civil Construction Limited	10990-1.0	To discharge cleanfill into and onto land and discharge stormwater and sediment into and onto land where stormwater and sediment may enter water	Discharge to land/water	4 March 2022	June 2023	1 Jun 2032	492 & 496 Carrington Rd, Hurworth	Unnamed tributary of the Huatoki Stream

Consent Holder	Resource consent	Purpose	Consent Type <sup>2</sup>	Granted	Next Review	Expiry	Location	Water body
Taranaki Trucking Company Ltd	6280-1	To erect, place and maintain a culvert in the headwaters of an unnamed tributary of the Waingongoro River to prevent cleanfill contamination of the stream	Land use	20 Feb 2004	-	Lapsed	Cardiff Road, Stratford	Waingongoro River (Waingongoro catchment)
	5561-1	To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River	Discharge to land	1 Nov 1999	-	1 Jun 2017 S124 protection		

## 1.4 Monitoring programme

### 1.4.1 Introduction

Section 35 of the RMA requires the Council to gather information, monitor and conduct research on the exercise of resource consents within the Taranaki region. The Council is also required to assess the effects arising from the exercising of these consents and report upon them.

The Council may therefore make and record measurements of physical and chemical parameters, take samples for analysis, carry out surveys and inspections, conduct investigations, and seek information from consent holders.

The monitoring programme for the cleanfill sites consists of three primary components.

### 1.4.2 Programme liaison and management

There is generally a significant investment of time and resources by the Council in:

- ongoing liaison with resource consent holders over consent conditions and their interpretation and application;
- discussion over monitoring requirements;
- preparation for any consent reviews, renewals or new consent applications;
- advice on the Council's environmental management strategies and content of regional plans; and
- consultation on associated matters.

### 1.4.3 Site inspections

During the 2021-2022 period 36 site inspections were carried out. A summary of the number of inspections and site visits carried out at each cleanfill site from the monitoring period is shown in Table 2.

Inspections focused on site processes, the types of materials being accepted, stormwater control, and sediment control.

### 1.4.4 Chemical sampling

The Council undertakes sampling of discharges from cleanfill sites and the receiving environment, where possible and appropriate. The samples are typically analysed for conductivity, ammoniacal nitrogen, unionised ammonia, pH, and temperature. This monitoring is usually scheduled to be undertaken during low flow conditions with a focus on the potential effects of leachate. Historical monitoring has shown little, if any, effect at these sites to date. During the year under review, the sampling survey deferred from the 2020-2021 year was also conducted. This was carried out during wetter spring conditions.



Table 2 Number of site visits conducted and water samples collected at each site.

Site	Site visits	Water samples
AA Contracting	3	4
George Family	4	6
Riddick	4	2
Bishop	3	3
Dennis Wheeler Earthmoving	3	0
Downer (Dorset Road)	3	0
Downer (Veale Road)	3	2
Downer (South Road)	4	2
Gas and Plumbing	3	2
Smudgy	3	2
Taranaki Civil Construction	1	-
Taranaki Trucking	2	2
<b>Total</b>	<b>36</b>	<b>25</b>

## 2 AA Contracting Ltd – Henwood Road, New Plymouth

### 2.1 Site description and activities

AA Contracting Ltd (AA Contracting) holds resource consent 5180-2 to discharge cleanfill and 5179-2 to install and maintain a culvert at a site on Henwood Road, New Plymouth. Cleanfill materials are being used to fill in a depression in the paddock to enhance its farming potential. The approximate fill area is shown in the figure below. The full extent consented is shown in the consent (Appendix I).

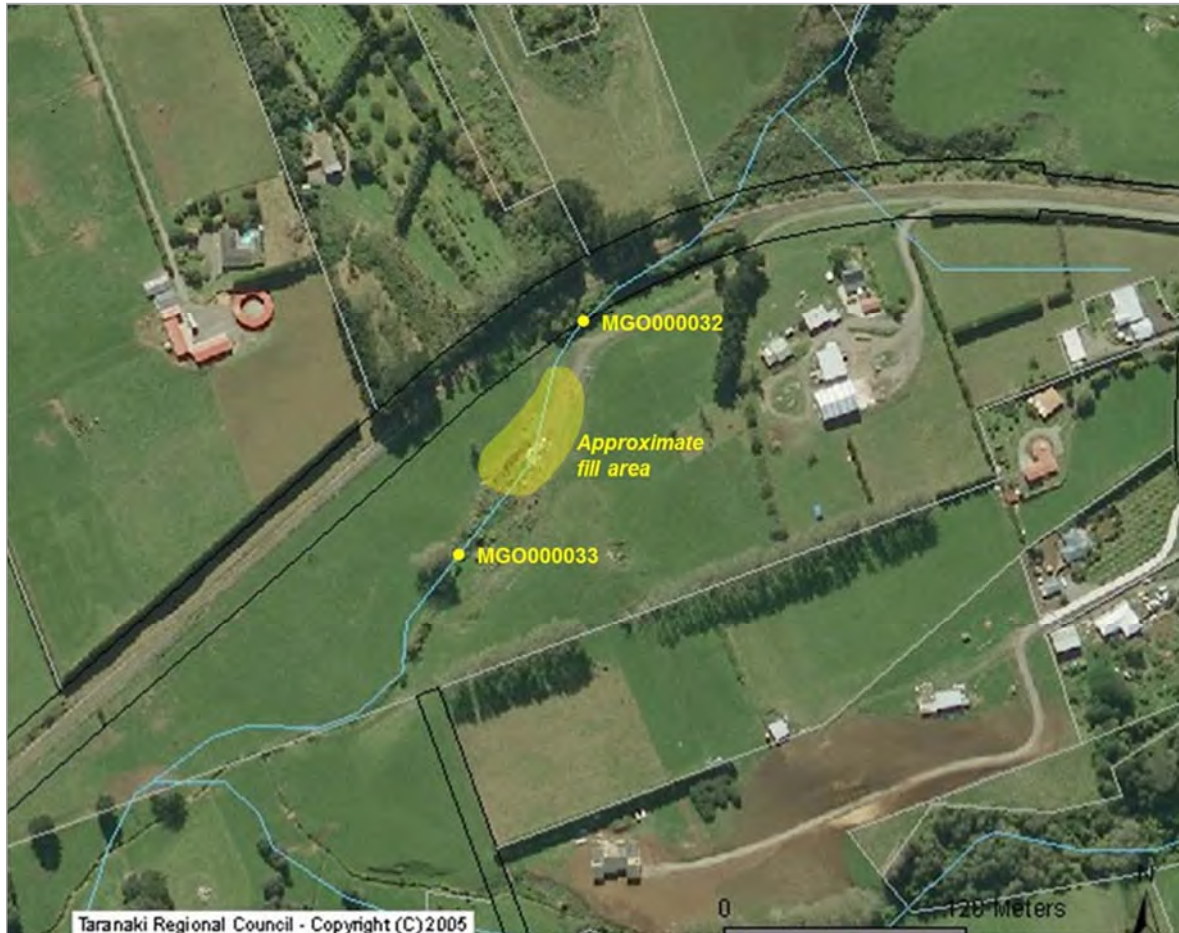


Figure 2 AA Contracting Ltd cleanfill and sampling sites at Henwood Road, New Plymouth

## 2.2 Results

### 2.2.1 Inspections

The AA Contracting cleanfill was inspected on three occasions during the period under review.

15 October 2021

The inspection noted that there had been little, if any, use of the site since the last inspection. The officer did not observe any prohibited material in the cleanfill. Water flow through the culvert was clear and unimpeded. The site was well vegetated and there were no sediment, dust or odour issues noted at time of inspection. Samples were collected from upstream and downstream of the discharge point.

## 29 March 2022

The inspection noted that there had been little use since the last inspection. A small amount of decomposing green waste was observed on the site which is prohibited under condition 3 of the consent. A large quantity of water was in the swale and was discharging into the stream. The discharge was clear and was not adversely affecting visual clarity of the stream. There were no dust or odour issues during the inspection. Samples were collected from both upstream and downstream locations.

## 18 May 2022

The inspection noted that there had been little use since the last inspection. A large quantity of water was in the swale and was discharging into the stream. The discharge was clear and was not adversely affecting visual clarity of the stream. There were no dust or odour issues during the inspection.

## 2.2.2 Results of receiving environment monitoring

Routine water sampling was undertaken on two occasions during the year under review and the results are presented in Table 3 below. Samples were collected from each of the monitoring locations shown in Figure 2.

**Table 3 Chemical analysis of a tributary of the Mangaone Stream at AA Contracting Ltd cleanfill, Henwood Road, Bell Block, New Plymouth, 15 October 2021 and 29 March 2022**

Parameter	Units	15 October 2021		29 March 2022	
		MGO000032 (u/s of cleanfill)	MGO000033 (d/s of cleanfill)	MGO000032 (u/s of cleanfill)	MGO000033 (d/s of cleanfill)
Conductivity @25°C	mS/m	20.7	23.1	20.1	22.9
Unionised ammonia	g/m <sup>3</sup>	0.00006	0.00042	0.00022	0.00117
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.025	0.193	0.037	0.2
pH	pH	7	6.9	7.2	7.2
Temperature	°C	12	12.5	15.4	15.8

The results are within the ranges expected for comparable streams in Taranaki and indicate that the AA Contracting cleanfill is having little impact on receiving waters below the site. On this basis it is unlikely that the tributary or the Mangaone Stream are being adversely affected by discharges from the cleanfill.

## 2.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with AA Contracting Ltd conditions in resource consents or provisions in Regional Plans.

## 2.3 Discussion

### 2.3.1 Discussion of site performance

The site was found to be well generally managed during the monitoring period. A small amount of decomposing green waste was found at the site on one occasion. The consent holder undertook to remove the material and it was confirmed that this had been done at the following inspection.

### 2.3.2 Environmental effects of exercise of consents

There were no visible effects found in the receiving water at the time of the inspections, and the results of sample analysis do not indicate that the cleanfill is leaching contaminants into the tributary.

### 2.3.3 Evaluation of performance

A summary of AA Contracting's compliance record for the period under review is set out in Table 4 and Table 5 below.

**Table 4 Summary of performance for AA Contracting Ltd piping consent 5179-2.**

<b>Purpose: To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Purpose of consent	Inspections	Yes
2. Limit on fill height above pipe	Inspections	Yes
3. Depth of invert below streambed level	Inspections	Yes
4. Re-contouring to ensure secondary flow path	Inspections	Yes
5. Dimensions of alternate flow path	Inspections	Yes
6. Maintenance of piping and surface inlets to allow free flow of water	Inspections	Yes
7. Secondary flow path not to be blocked	Inspections	Yes
8. Installation of spat rope to provide for fish passage	Inspections	Yes
9. Notification prior to works	Review of Council records	Yes
10. Consent holder to request riparian plan	Riparian plan in place for property	Yes
11. Fencing and riparian plan to be completed by June 2016	Inspections	Yes
12. One-off payment to help remedy and mitigate adverse effects of consent. Payable within three months of commencement of work	Review of Council records. Payment received December 2016	N/A
13. Consent holder to take reasonable steps to minimise sediment in stream	Inspections	Yes

<b>Purpose: To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
14. No vegetation to be buried within 20 m of piped stream	Inspections	Yes
15. Works to cease in event of discovery of archaeological remains	Review of Council records	N/A
16. Earthworks to be stabilised as soon as practicable	Inspections	Yes
17. Optional review provision re environmental effects	Option for review June 2026	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

**Table 5 Summary of performance for AA Contracting Ltd cleanfill consent 5180-2.**

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Discharge to occur in agreed area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of prohibited materials listed in the consent	Inspections	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	N/A
5. No contaminants to enter ground or surface water	Inspections of site and receiving water	Yes
6. Silt retention structures to be installed	Inspections	Yes
7. Install and maintain stormwater diversion drains	Inspections	Yes
8. Adopt best practice	Inspections	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	Site still in use	N/A
10. Consent lapse	Consent has been exercised	N/A

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
11. Review condition	Option for review in June 2026	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, AA Contracting demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Appendix II.

### 2.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from AA Contracting's cleanfill in the 2021-2022 period continues at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendation 1 was implemented. Recommendation 2 was not required.

### 2.3.5 Alteration to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

## 2.4 Recommendations

1. THAT in the first instance, monitoring of discharges from AA Contracting's cleanfill in the 2022-2023 period continues at the same level as scheduled for 2021-2022.

2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.



### 3 A & A George Family Trust – Dudley Road, Inglewood

#### 3.1 Site description and activities

A & A George Family Trust (George Family) holds resource consent 9680-1 to discharge cleanfill at a site on Dudley Road, Inglewood. The consent holder is using cleanfill material to fill a depression on the property. Once filled, the site will be contoured and re-grassed.

Consent 9680-1 was then obtained in September 2013 to undertake further works and to fill a depression on the property with cleanfill. The cleanfill area provided for under consent 9680-1.0 had been filled and the land reinstated. In the 2018-2019 year it was found that the George Family had discharged cleanfill beyond the extent consented by the consent. The George Family successfully sought a change to the consent to extend the area of the cleanfill site to retrospectively include the unconsented cleanfill areas and allow further areas proposed to be used as a cleanfill.



Figure 3 A & A George Family Trust consented cleanfill area at Dudley Road, Inglewood from 19 June 2019

As part of the cleanfill extension the George Family also successfully sought retrospective consent for piping already completed and consent to undertake further piping of the unnamed tributary of the Kurapete Stream. The application information detailed that two sections of the unnamed tributary of the Kurapete



Stream had already been piped, with approximately 12 m of piping having been undertaken by the previous landowner. This piping was then extended by 18 m by the applicant in 2018. Therefore, new consent 10748-1.0 was granted to allow 30 m of existing piping and 65 m of proposed piping.

## 3.2 Results

### 3.2.1 Inspections

The site was inspected on three occasions during the monitoring period, and a meeting to discuss site management issues was held on site. The site was found to be generally in full compliance with the consent conditions although several minor issues were noted and these are summarised below.

#### 23 September 2021

During the inspection the officer noted a firepit. The firepit contained items that are prohibited from being burned under the Regional Air Quality Plan. A row of trees on the boundary had died which raised concerns about drainage from a filled and capped area of the cleanfill. There was an absence of silt retention structures around the silt ponds. The consent holder was advised of these issues and instructed to take measures to rectify them. Stream samples were collected from upstream and downstream of the discharge point.

#### 1 November 2021

A meeting was held onsite to discuss issues including erosion of the driveway entrance, potential unauthorised filling of a paddock, and that the cleanfill had extended beyond the boundaries specified in the resource consent. The inspecting officer was advised that the consent holder was in the process of purchasing the neighbouring property, and that the paddock had been contoured and seeded rather than cleanfilled. It was agreed that filling had occurred beyond the consented boundary, and that this would be pulled back within the consented area. The consent holder agreed to install silt fences around the areas of concern and would ensure that these would be maintained.

#### 30 March 2022

It was found that there had been little use of the site for the discharge of cleanfill since the previous inspection. Part of the site had been capped and grass sown. There were no dust or odour issues at the time of the inspection.

#### 27 May 2022

It was found that part of the site had been capped and grass sown. The site was generally tidy and was well maintained. The inspection identified a "small amount" of prohibited material at the site. The owner agreed to remove this material from the site.

### 3.2.2 Results of receiving environment monitoring

As the original consented cleanfill discharge area was not near an exposed water body, there had initially been no routine water sampling programmed for this cleanfill and no water discharges were noted from the site during inspections. The varied consent, extending the consented cleanfill area also included additional piping and therefore receiving water sampling was added to the programme in the 2019-2020 year. There are also provisions for the discharge to be sampled if there are concerns about the quality of any discharges occurring at the time of the inspections. Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with a focus on the potential effects of leachate.

During this monitoring period the receiving tributary was sampled twice at two locations downstream from the cleanfill, with the tributary upstream of the site and the discharge from the site each being sampled once. The purpose of the September sampling was to assess the effectiveness of any silt control measures in

place at the site during wetter weather, rather than being specifically focused on potential for leachate discharges. The results are presented in Table 6 below.

**Table 6** Chemical analysis of a tributary of the Kurapete Stream at A & A George Family Trust's cleanfill, Dudley Road, Inglewood, 23 September 2021 and 30 March 2022.

Parameter	Units	23 September 2021			30 March 2022		
		Unnamed tributary u/s cleanfill	KRP000140 (10 m d/s cleanfill)	KRP000142 (50 m d/s of cleanfill)	Discharge from cleanfill	KRP000140 (10 m d/s cleanfill)	KRP000142 (50 m d/s of cleanfill)
Conductivity @25°C	mS/m	8.4	8.1	8.4	25.1	26.7	26.6
Unionised ammonia	g/m <sup>3</sup>	0.00011	0.00013	0.00011	0.035	0.0047	0.004
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.161	0.17	0.161	1.66	1.37	1.65
pH	pH	6.4	6.4	6.4	6.8	6.9	6.8
Suspended solids	g/m <sup>3</sup>	26	390	340	10	-	-
Temperature	°C	13.5	13.6	13.5	16.3	17.3	16.3

With the exception of suspended solids downstream of the cleanfill at the time of the September survey, the results are within the expected ranges for similar tributaries. The results do not indicate that there is any leachate or contaminated sediment discharging from the cleanfill. However, the results do indicate that uncontaminated sediment was discharging from the site at the time of the September survey. There is no suspended solids limit on the consent, however, these results support the need for the installation of sediment controls at the site as required by condition 6 of the consent. These had been installed by the time of the next sampling survey, with their effectiveness evident in the low suspended solids concentration of the discharge at the time of the March survey.

The results of the survey in March 2022 show that all analytes were elevated compared to the survey in September 2021. In particular, conductivity at the two sample sites were 18.6 and 18.2 mS/m higher than the September survey and were more consistent with the February 2020 sampling. The higher conductivities in the summer dry weather samples are likely to be due to a higher proportion of shallow groundwater in the samples collected under low flow conditions.

### 3.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with conditions in resource consents or provisions in Regional Plans. A site meeting was held with the consent holder to discuss the issues identified at the first inspection of the year under review, including the presence of a firepit in contravention of the Regional Air Quality Plan for Taranaki. These matters were found to have been resolved satisfactorily at the time of the following inspection.

## 3.3 Discussion

### 3.3.1 Discussion of site performance

A number of issues were identified at the first compliance monitoring inspection in the year under review. The fill site had been extended beyond the consented area, there was erosion of fill occurring onto the

neighbouring property and there was an absence of silt controls present in contravention of condition 6 of the consent. It is noted that a firepit was also found at the site at the time of this inspection. These matters were resolved following an onsite meeting and the site was found to be generally well managed for the remainder of the year under review.

### 3.3.2 Environmental effects of exercise of consents

The absence of silt controls at the cleanfill site was evident in the water quality samples collected at the time of the September 2021 sampling survey. This would have been a transient effect that was minor, at most, and effective silt controls were subsequently installed.

The sample results do not indicate that the sediment discharged was contaminated or demonstrate that the cleanfill is leaching contaminants into the tributary.

There was no evidence of adverse effects having resulted from the burning of material in the firepit and no complaints were received by the Council.

### 3.3.3 Evaluation of performance

A summary of George Family's compliance record for the period under review is set out in Table 7.

**Table 7 Summary of performance for A & A George Family Trust's cleanfill consent 9680-1.1**

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Discharge only to be undertaken in the specified area	Inspection	Exceeded at one inspection, material brought back within consented area
2. Only discharge cleanfill and/or inert materials	Inspection	Yes
3. No discharge of prohibited materials listed in the consent	Inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approvals sought	N/A
5. No direct discharge of contaminants to water	Inspection of the site and receiving water	Yes
6. Install silt retention structures	Inspection and sampling	Absence of silt retention devices at one inspection. Transient minor effects found in receiving water
7. Maintain drains, ponds and contours on site to minimise surface water entering the cleanfill site	Inspection	Yes
8. Adopt best practice	Inspection	See condition 6

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
9. Upon completion the discharge site shall be stabilised and re-vegetated	Inspection. Site still active. Some areas stabilised	N/A
10. Optional review provision re environmental effects	No further opportunities for review	N/A
Overall assessment of environmental performance in respect of this consent		<b>Good</b>
Overall assessment of administrative performance in respect of this consent		<b>Good</b>

N/A = not applicable

On the whole, during the year, George Family demonstrated a good level of environmental performance and a good level of environmental performance. Improvements in the Company's environmental and administrative performance were found to be required at the time of the first inspection in the year under review. These improvements were made following a site meeting at which the matters of concern and resolutions were discussed.

### 3.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from the George Family's cleanfill in the 2021-2022 period continues at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.
3. THAT the option for a review of resource consent 9680-1.1 in June 2021, as set out in condition 10 of the consent, not be exercised, on the grounds that current conditions are adequate to deal with the potential effects of this activity.
4. THAT the option for a review of resource consent 10748-1 in June 2021, as set out in condition 12 of the consent, not be exercised, on the grounds that current conditions are adequate to deal with the potential effects of this activity.

Recommendation 1 was implemented. Recommendation 2 was not required. Recommendations 3 and 4 were accepted by Council.

### 3.3.5 Alteration to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

### 3.4 Recommendations

1. THAT in the first instance, monitoring of discharges from the George Family's cleanfill in the 2022-2023 period continues at the same level as scheduled in 2021-2022.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

## 4 AE Riddick – Carrington Road, New Plymouth

### 4.1 Site description and activities

AE Riddick (Riddick) held consent 3977-4 to discharge cleanfill to land at Carrington Road.. The cleanfill is in a gully at the head of an unnamed tributary of the Huatoki Stream. The area was previously a swampy gully, with surface water flows arising from a small spring for parts of the year. In 1990 the gully began to be filled with cleanfill. The current consent provides for a second lift on top of the earlier fill.

Access to the site is by a locked gate, and only an authorised contractor holds a key. All stormwater is controlled so that it flows around the cleanfill areas, to the wetland below the site. Some of the filled areas have been re-grassed, leaving only the tip face exposed. The current approximate fill area is shown in the figure below. The full extent consented is shown in the consent (Appendix I).

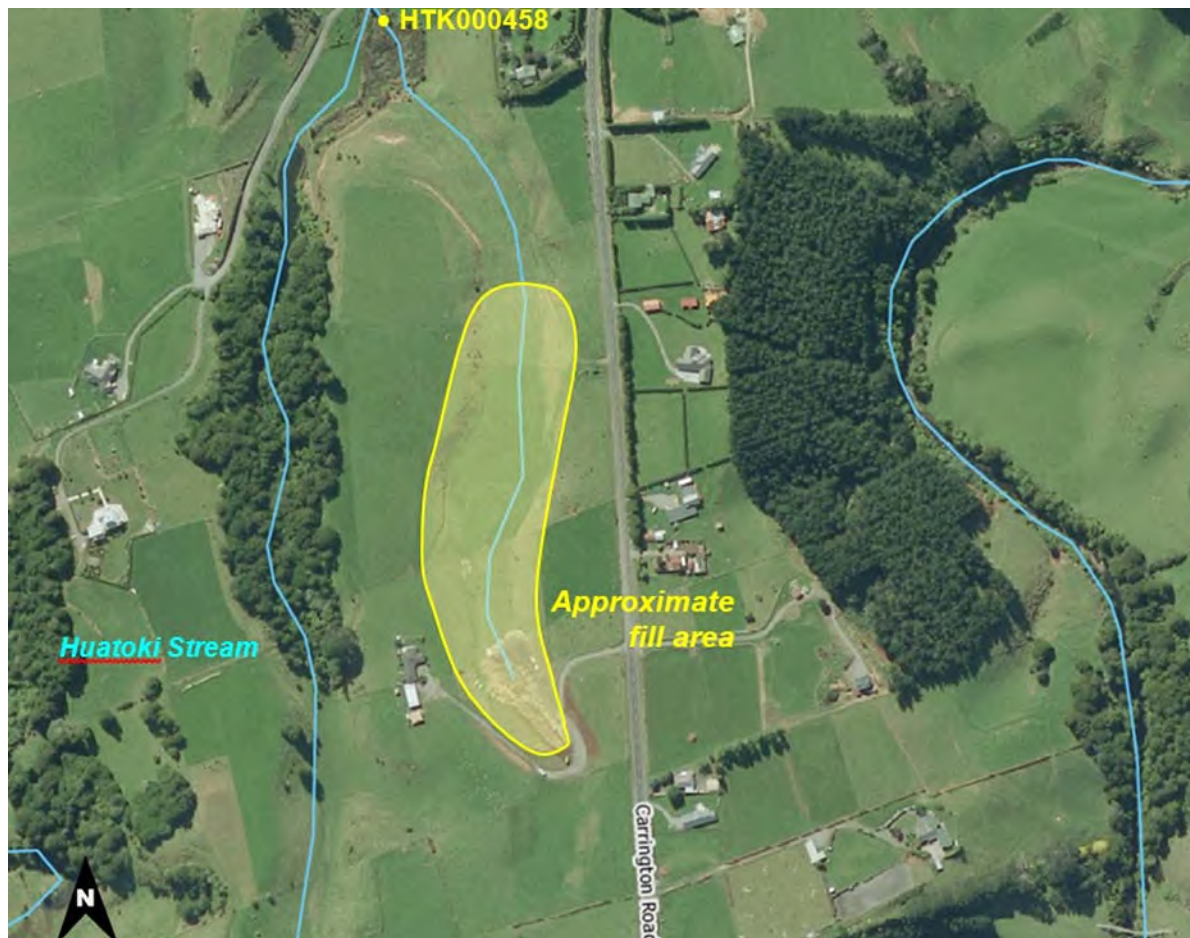


Figure 4 AE Riddick's cleanfill and sampling site at Carrington Road, New Plymouth

### 4.2 Results

#### 4.2.1 Inspections

The AE Riddick's cleanfill was inspected on two occasions during the period under review, and two meetings were held on site to discuss consent matters.

It was identified during the 2021-2022 year that the cleanfill was approaching the limits of the permitted area authorised by the consent. The Council was notified that AE Riddick no longer wished to operate the cleanfill.

Initially discussions took place at inspection exploring the possibility of transferring the existing consent to Taranaki Civil Construction (Taranaki Civil), with the intent that a variation to consent would then be sought to extend the cleanfill area. Further advice was subsequently provided to both Riddick and Taranaki Civil that a new consent would be required to extend the cleanfill area. A new consent was granted to Taranaki Civil to continue to fill on top of the first lift of fill that was discharged under earlier versions of consent 3977 (see Section 12).

The findings of the compliance monitoring inspections are summarised below.

#### 28 September 2021

At the time of the inspection there was no indication that the site had been in use since the previous inspection. One sample was collected from downstream of the discharge point.

#### 13 October 2021

A site meeting took place with the consent holder to discuss Taranaki Civil using the site. The inspecting officer was informed that Taranaki Civil wish to extend the site a further approximately 100 metres down the valley, and that they would be taking on ownership of the consent. The inspecting officer undertook to get back to the consent holder advising of the Council processes to embark on these changes. The consent holder was also informed that until these changes are made, under the current consent no material could be discharged beyond the current extent of the cleanfill as the cleanfill had reached the maximum permitted extent. It was noted that this was understood by the consent holder. The consent holder was subsequently advised that the consent did not prohibit additional discharges within the consented area that would be increasing the height of the fill.

#### 20 October 2021

A site visit was undertaken with a representative of Taranaki Civil to discuss the possibility of a transfer of consent from Riddick to TCC and an application to expand the discharge area. The discussion included issues such as the transfer of the consent, preparation of an assessment of the environmental effects of expanding the cleanfill area, engaging with the NPDC and iwi. During the meeting it was noted that there was some erosion at the northern end of the site, and a small hole had appeared in the cap.

#### 29 March 2022

At the time of the inspection some cleanfill was noted to have been deposited. This contained no visible unauthorised material. The site was generally clean and tidy, with no odour or dust observed. A sample was collected from a downstream location.

### 4.2.2 Results of receiving environment monitoring

A spring flows beneath the landfill along a course adjacent to the wetland and through a short section of the vegetation before it reaches Huatoki Stream. The sampling site is in the tributary a short distance before the junction with Huatoki Stream and is shown in Figure 4. The sample results are presented in Table 8 below.

**Table 8** Chemical analysis of an unnamed tributary of the Huatoki Stream below AE Riddick's cleanfill on 28 September 2021 and 29 March 2022

Parameter	Units	28 September 2021	29 March 2022
		HTK000458	HTK000458 (wetland outlet)
Conductivity @25 °C	mS/m	25.1	30.2
Unionised ammonia	g/m <sup>3</sup>	0.000022	0.00056
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.014	0.062



Parameter	Units	28 September 2021	29 March 2022
		HTK000458	HTK000458 (wetland outlet)
pH	pH	6.7	7.4
Temperature	°C	13.2	16.6

The pH, conductivity, and ammoniacal nitrogen concentrations measured at the tributary outlet (HTK000458) were within the expected ranges for similar streams. This indicates that the cleanfill is not leaching any contaminants into the tributary and therefore is not likely to be having any significant effect on receiving water quality.

### 4.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with AE Riddick's conditions in resource consents or provisions in Regional Plans.

## 4.3 Discussion

### 4.3.1 Discussion of site performance

No compliance issues were found at the time of the inspections during the year under review.

### 4.3.2 Environmental effects of exercise of consents

Historically the concentrations of contaminants found in the tributary downstream of the cleanfill indicated that there had been little or no effect on water quality due to the cleanfill's presence. This continues to be the case. Further, there were no visible effects found at inspections during the year under review.

### 4.3.3 Evaluation of performance

A tabular summary of Riddick's compliance record for the period under review is set out in Table 9.

Table 9 Summary of performance for AE Riddick's cleanfill consent 3977-4

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Discharge to occur only in agreed area	Inspections	Yes
2. Only discharge cleanfill and/or specified materials listed	Inspections	Yes
3. No discharge of prohibited materials listed in the consent	Inspections	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	Check of Council records	N/A
5. Discharge to land not to result in contaminants entering ground or surface water	Visual inspection	Yes
6. Install and maintain silt retention structures	Inspections	Yes



<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
7. Install and maintain stormwater diversion drains	Inspections	Yes
8. Adopt best practice	Inspections	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	Site still in use	N/A
10. Lapse provision	Consent has been exercised	N/A
11. Optional review provision re environmental effects	Next option for review in June 2026	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, Riddick's demonstrated a high level of environmental performance and administrative performance with their resource consents as defined in Appendix II.

#### 4.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Riddick's cleanfill in the 2021-2022 year continues at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendation 1 was implemented. Recommendation 2 was not required.

#### 4.3.5 Alterations to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site(s) in question. The Council reserves the right to subsequently adjust the programme

from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

#### 4.4 Recommendations

1. THAT monitoring of the cleanfill consent held by AE Riddick not be continued in the 2022-2023 year as this consent is no longer exercised.

## 5 BJ & LB Bishop – Ahu Ahu Road, New Plymouth

### 5.1 Site description and activities

BJ and LB Bishop (Bishop) hold consents 5877-2 to discharge cleanfill and 5888-2 to install and maintain a culvert on their property on Ahu Ahu Road. They are filling in a small gully to enhance their farmlet for grazing. A 70 m culvert passes through the cleanfill which carries surface water from the Ahu Ahu Road roadside drain. Consent 5888-1 expired on 1 June 2019. A renewed consent was granted on 14 June 2019 to provide for the reclamation of a stream by ongoing use of existing piping in the headwaters of an unnamed tributary of the Waimoku Stream for cleanfilling activities. At the time of application it was noted that the full extent of the cleanfill provided for under consent 5877-2 could not be realised without a consent to increase the length of the culvert.

The types of materials they accept at their cleanfill are construction concrete, road and track metal, clay and topsoil. Following the completion of the filling the area will be restored with topsoil and pasture grass. The location of the cleanfill and the current approximate area filled is shown in Figure 5. The full extent consented is shown in the consent (Appendix I).



Figure 5 BJ & LB Bishop's cleanfill sand sampling sites at Ahu Ahu Road, Oakura

## 5.2 Results

### 5.2.1 Inspections

The Bishop Cleanfill was inspected on three occasions during the period under review. During each inspection the site was found to be clean and tidy with no prohibited material was observed in the cleanfill. In September 2021 the monitoring officer advised that a sediment retention device needed to be installed to minimise discharges into the stream and to comply with condition 6 of the resource consent. This had not been installed at the time of the next inspection (31 January 2022) and accordingly an abatement notice was issued. The device had been installed by the time of the April 2022 inspection. There were no dust or odour issues identified at the time of the inspections.

### 5.2.2 Results of receiving environment monitoring

Two sampling sites are located downstream of the cleanfill in a tributary of the Waimoku Stream as shown in Figure 5. A sample was collected from each of the sites on 28 September 2021 and a sample collected from the lower site only on 31 January 2022. The results are presented in the Table 10 below.

Table 10 Results of water sample taken from BJ & LB Bishop's cleanfill 28 September 2021.

Parameter	Units	28 September 2021		31 January 2022 <sup>a</sup>
		WMK000228 (5 m d/s of cleanfill face)	WMK000231 (60 m d/s of cleanfill face)	WMK000231 (60 m d/s of cleanfill face)
Conductivity @25 °C	mS/m	8.5	23.8	25.9
Unionised ammonia	g/m <sup>3</sup>	0.000088	0.0021	0.0069
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.083	1.92	2.5
pH	pH	6.5	6.7	6.9
Temperature	Deg C	14.8	9.4	16.2

**Key** a Insufficient flow to sample at WMK000228

The results are within the ranges expected for comparable streams in Taranaki and indicate that the Bishop cleanfill is having little impact on receiving waters below the site. On this basis it is unlikely that the tributary or the Waimoku Stream is being adversely affected by discharges from the cleanfill.

### 5.2.3 Investigations, interventions, and incidents

Table 11 BJ and LB Bishop incidents, investigations, and interventions summary table

Date	Details	Compliant (Y/N)	Enforcement Action Taken?	Outcome
31 Jan 2022	Discharge of contaminant, namely silt and sediment, onto or into land in circumstances which may have resulted in that contaminant (or any other contaminant emanating as a result of natural processes from that contaminant) entering water, namely an unnamed tributary of the Waimoku Stream, when the discharge was not expressly allowed by a national environmental standard or other regulations, a rule in a regional plan, or a resource consent.	N	Abatement notice issued	During routine monitoring it was found that a cleanfill site was not operating within resource consent conditions at Ahu Ahu Road, Oakura. No silt and sediment controls had been installed as required by resource consent conditions. An abatement notice was issued requiring sediment controls to be installed by 25 February 2022. Re-inspection found that this had been done

## 5.3 Discussion

### 5.3.1 Discussion of site performance

The site was well managed with respect to material acceptance criteria, discharge locations and on-going use of the culvert under the fill site. An abatement notice was issued after it was found that there were no silt controls present at the site on two consecutive inspections.

### 5.3.2 Environmental effects of exercise of consents

As discussed in section 5.2.1 an abatement notice was issued due to the absence of sediment controls required by condition 6 of the resource consent. Adverse effects on the stream would likely be limited to short term and localised sedimentation of the water and stream bed as a result of sediment discharges following rainfall events. This can have adverse effects on stream flora and fauna including macroinvertebrates and fish. Due to the timing of the sampling any adverse effects would not have been reflected in the results. Sediment discharges from the site can be minimised by continued maintenance of the silt fences, as well as site contouring. Future inspections will give particular attention to these measures.

### 5.3.3 Evaluation of performance

A summary of Bishop's compliance record for the period under review is set out in Table 12 and Table 13.

Table 12 Summary of performance for BJ & LB Bishop's cleanfill consent 5877-2

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge to occur in agreed area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of prohibited materials listed in the consent	Inspections	Yes

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought and no unacceptable material found at inspection	N/A
5. No discharge of contaminants to ground or surface water	Receiving water sampling and inspections	Yes
6. Install and maintain silt retention structures	Inspections	No. Request for silt retention structures to be installed on two consecutive inspections. Abatement notice issued
7. Install and maintain stormwater diversion drains	Inspections	Yes
8. Adopt best practice	Inspections	See condition 6
9. Upon completion the discharge site shall be stabilised and re-vegetated	Site still in use	N/A
10. Lapse of consent	Consent exercised	N/A
11. Optional review provision re environmental effects	Next option for review in June 2025	N/A
Overall assessment of environmental performance in respect of this consent		<b>Good</b>
Overall assessment of administrative performance in respect of this consent		<b>Improvement required</b>

Table 13 Summary of performance for BJ &amp; LB Bishop's culvert consent 5888-2

<b>Purpose: To reclaim a stream by the ongoing use of existing piping in the headwaters of an unnamed tributary of the Waimoku Stream for cleanfilling activities</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Reclamation of streambed using approximately 70 m of existing piping	Inspections	Yes
2. Maintain piping to ensure water flows freely and repair any erosion, scour or instability of the streambed	Inspections	Yes
3. Optional review provision re environmental effects	Next review option June 2025	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, Bishop demonstrated a good level of environmental performance and improvement was required in the administrative performance with their resource consents as defined in Appendix II. Silt retention structures had not been installed at the toe of the cleanfill area as required by condition 6 of consent 5877-2 at two consecutive inspections. An abatement notice was issued. This was found to have been complied with at the time of the final inspection of the year.

### 5.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2021-2022 year continues at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendation 1 was implemented. Recommendation 2 was not required.

### 5.3.5 Alterations to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

## 5.4 Recommendations

1. THAT in the first instance, monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2022-2023 year continues at the same level as in 2021-2022.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.



## 6 Dennis Wheeler Earthmoving Ltd – Paraite Road, Bell Block

### 6.1 Site description and activities

Dennis Wheeler Earthmoving held consent 10234-1.0 to discharge cleanfill onto and into land, for the purpose of filling a gully on Paraite Road, Bell Block. The site stopped accepting cleanfill some time ago and accordingly the consent was surrendered on 28 August 2022.

The types of material accepted at the cleanfill were excess soil from building sites, bricks, concrete, stumps and other cleanfill material. The Site has now been contoured and vegetated in accordance with the consent conditions.



Figure 6 Location of Dennis Wheeler Earthmoving cleanfill Paraite Road, Bell Block

### 6.2 Results

#### 6.2.1 Inspections

Dennis Wheeler Earthmoving's cleanfill site was inspected three times during the period under review. On all occasions the site appeared to be closed as the cleanfill area was contoured and vegetated in accordance with the consent conditions. On 29 March 2022 the consent holder was advised that he could surrender the consent if no more cleanfill was to be received. Council was not required to undertake any investigations and there were no incidents. No water samples were collected during this monitoring period.



## 6.2.2 Evaluation of performance

A summary of the consent holder's compliance record for the year under review is set out in Table 14.

**Table 14 Summary of performance of consent for Dennis Wheeler Earthmoving Ltd cleanfill consent 10234-1.0**

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Discharge to occur only in agreed area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of prohibited materials listed in the consent	Inspections	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought	N/A
5. Discharge to land not to result in contaminants entering ground or surface water	Inspections	Yes
6. The consent holder will keep a record of the material discharged at the site	Records not requested	N/A
7. Install and maintain silt retention structures	Inspections	Yes
8. Install and maintain stormwater diversion drains	Not assessed during the period under review	N/A
9. Adopt best practice	Inspections	Yes
10. Upon completion the discharge site shall be stabilised, re-vegetated and contoured	Inspection. Site closed	Yes
11. Lapse provision, 31 March 2021	Consent has been exercised	N/A
12. Optional review provision re environmental effects	Option for review June 2026	N/A
Overall assessment of consent compliance and environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year under review Dennis Wheeler Earthmoving demonstrated a high level of environmental and a high level of administrative performance with the resource consent as defined in Appendix II.

### 6.2.3 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of Dennis Wheeler Earthmoving's cleanfill in the 2021-2022 year continues at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Monitoring for the 2021-2022 period was carried over and no additional investigations or interventions were required.

### 6.2.4 Alterations to the monitoring programme for 2022-2023

The consent has now been surrendered, no further monitoring is required.

## 6.3 Recommendation

1. THAT the Dennis Wheeler Earthmoving's cleanfill be removed from the 2022-2023 monitoring programme as the consent has been surrendered.

## 7 Downer EDI Works Ltd – Dorset Road, New Plymouth

### 7.1 Site description and activities

Downer EDI Works Ltd (Downer) holds resource consent 9532-1 to discharge cleanfill at a site on Dorset Road, New Plymouth. This application was originally granted to Dorset Fibre Farm retrospectively after Council officers found that the site was receiving material without consent. The consent was transferred to Downer on 24 May 2016. The site accepts cleanfill, primarily construction and demolition material dug up from an on-going carriageway/broadband project. The current approximate fill area is shown in the figure below. The full extent consented is shown in the consent (Appendix I).

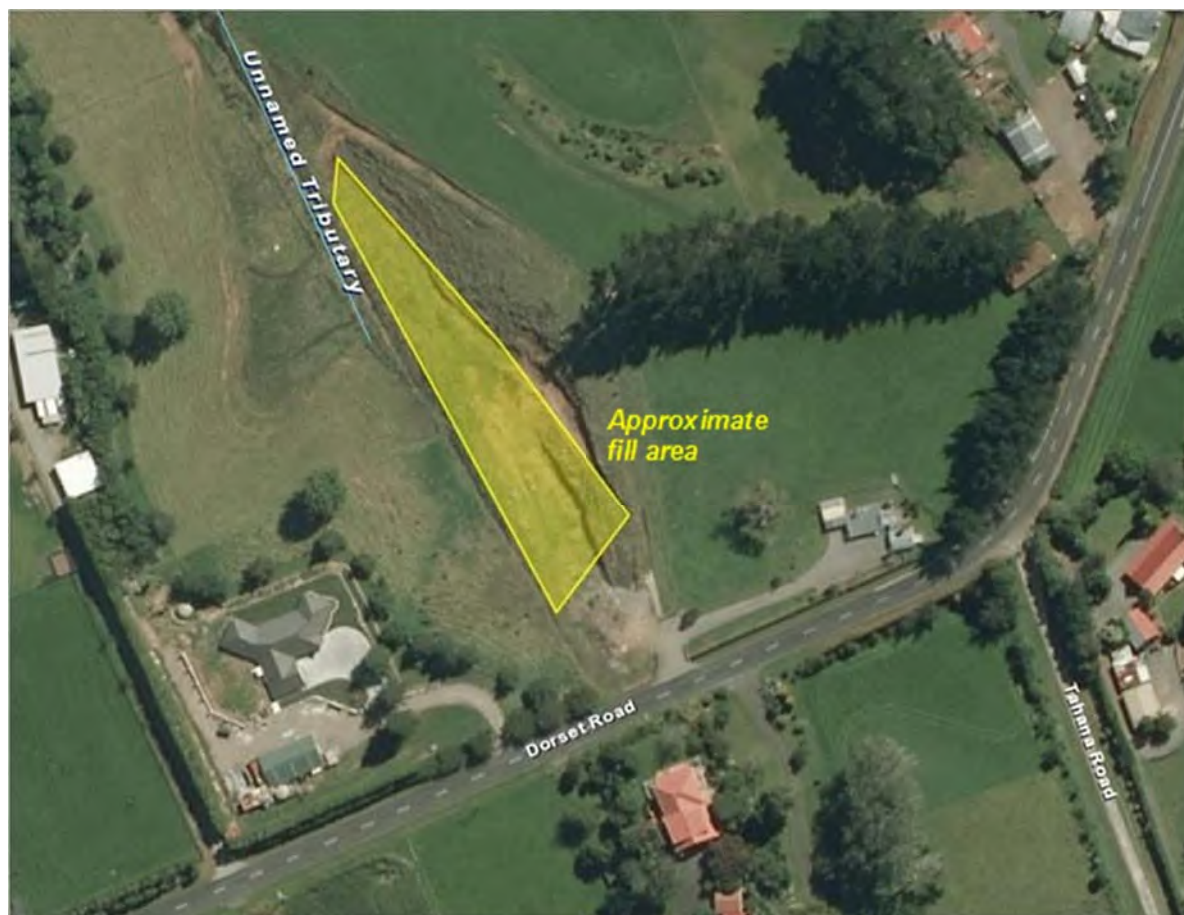


Figure 7 Downer EDI Works Ltd cleanfill, Dorset Road, New Plymouth

### 7.2 Results

#### 7.2.1 Inspections

This Downer cleanfill was inspected on three occasions during the period under review.

15 October 2021

During the inspection three small loads of broken concrete were noted to have been brought on to the site since the last inspection. Some of the site had been stabilised and vegetated in accordance with the requirements of the consent. No dust and or odour was observed during the inspection. A sign at the entrance stated that the cleanfill was closed.

### 31 March 2022

As with the previous inspection it was noted that some of the site had been stabilised and vegetated, with the vegetation well established in places. On arrival at the site the gates were closed, but not locked. No nuisance dust or odour was detected. The sign advising that the site was closed was still displayed at the site. The inspecting officer asked for confirmation that the cleanfill had indeed closed.

### 16 May 2022

There was no evidence that further activities had occurred since the last inspection, although a small slip on the tip face had exposed broken concrete. The consent holder was advised that this would need to be repaired to comply with condition 8 of the consent.

## 7.2.2 Results of receiving environment monitoring

As there was no filling activity during this monitoring period it was considered unnecessary to collect water samples.

## 7.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with Downer EDI Works Ltd's conditions in resource consents or provisions in Regional Plans.

## 7.3 Discussion

### 7.3.1 Discussion of site performance

The site was generally found to be secure and well managed at the time of the inspections, with little, if any, disposal of material evident during the year under review. Three new piles of concrete were found to have been brought onto the site during the year under review. Council is awaiting confirmation of whether the site is now formally closed and the requirements of condition 8 are to come into effect. It was found that there had been a minor slip at the site that would need to be stabilised before the site is considered to be satisfactorily stabilised.

### 7.3.2 Environmental effects of exercise of consents

No significant adverse effects on the environment were observed or noted during inspections.

### 7.3.3 Evaluation of performance

A summary of Downer's compliance record for the period under review is set out in Table 15.

Table 15 Summary of performance for Downer EDI Works Ltd's Dorset Road cleanfill consent 9532-1

Purpose: To discharge cleanfill onto and into land, where contaminants may enter an unnamed tributary of the Manganaha Stream, including associated stream bed reclamation		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notify Council prior to works	No notifications received or required	N/A
2. Materials to be discharged in certain area	Inspections	Yes

<b>Purpose: To discharge cleanfill onto and into land, where contaminants may enter an unnamed tributary of the Manganaha Stream, including associated stream bed reclamation</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
3. Only discharge cleanfill and/or inert materials	Inspections	Yes
4. No discharge of prohibited materials listed in the consent	Inspections	Yes
5. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought	N/A
6. No discharge of contaminants to water	Inspections	Yes
7. Install specific or approved silt retention structures	Inspections	Yes
8. Site to be re-vegetated within six months of discharges ceasing	Site still in use	N/A
9. Re-vegetation must meet specific standard	Site still in use	N/A
10. Adopt best practice	Inspections	Yes
11. Optional review provision re environmental effects	Next option for review June 2026	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, Downer demonstrated a high level of environmental performance and a high level of administrative performance with their Dorset Road resource consent as defined in Appendix II.

### 7.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Downer's Dorset Road cleanfill in 2021-2022 year continues at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendations 1 was implemented and it was not necessary to implement recommendation 2.

### 7.3.5 Alterations to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;

- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

## 7.4 Recommendations

1. THAT in the first instance, monitoring of discharges from Downer's Dorset Road cleanfill in 2022-2023 year continues at the same level as in 2021-2022.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.



## 8 Downer EDI Works Ltd – Veale Road, New Plymouth

### 8.1 Site description and activities

Downer EDI Works Ltd (Downer) holds consent 5213-2 to discharge cleanfill at a site on Veale Road, New Plymouth. The consent to operate this cleanfill was formerly held by F & J Carrington, who own the property. The small gully is being filled to enhance a paddock for grazing. A small spring emerges in the gully from the base of the filled materials. Following the completion of filling the area will be restored with topsoil and pasture grass. The current approximate fill area is shown in the figure below. The full extent consented is shown in the consent (Appendix I).

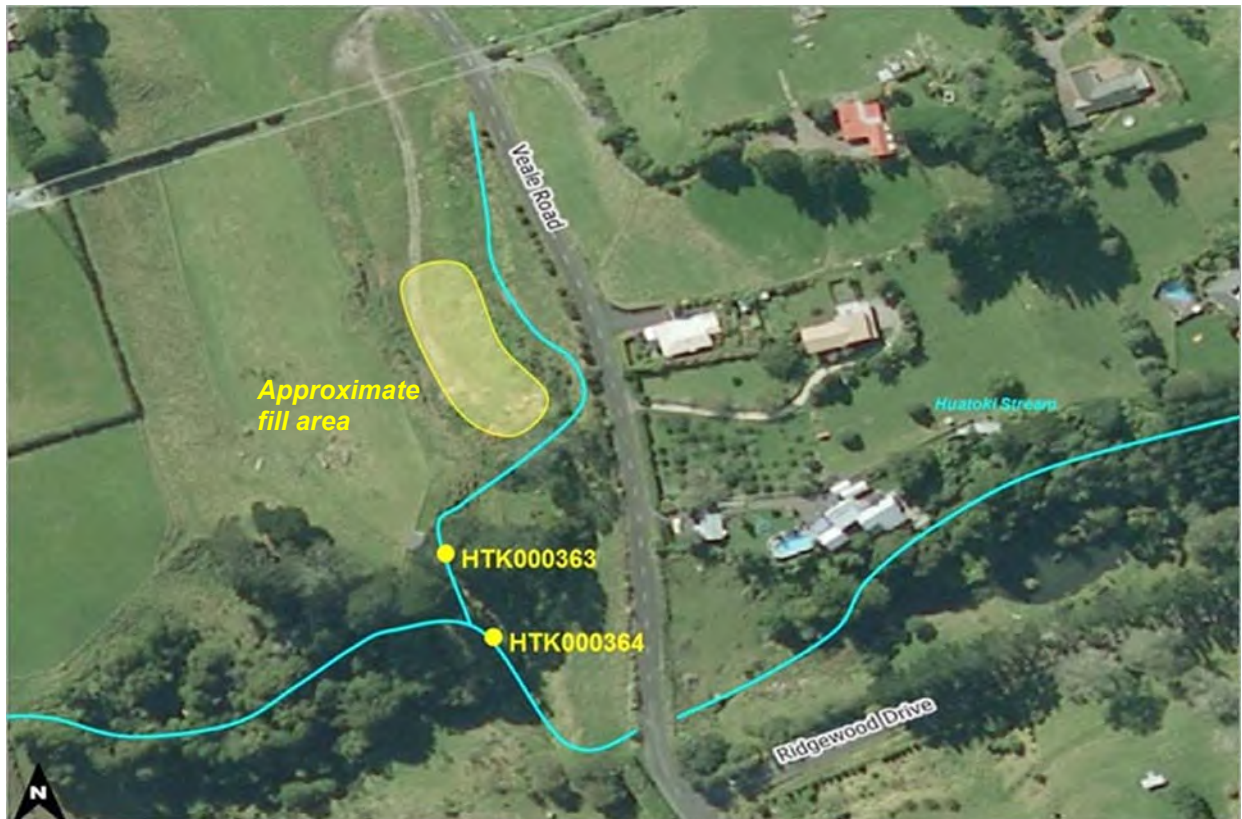


Figure 8 Downer EDI Works Ltd cleanfill and sampling sites, Veale Road, New Plymouth

### 8.2 Results

#### 8.2.1 Inspections

The Downer EDI Works Veale Road cleanfill was inspected on three occasions during the period under review. On 15 October 2021 the Company was instructed to address the issues identified with the silt fence at the previous inspection as soon as possible. At the inspection on 29 March 2022 it was found that the silt fencing had been repaired, the cleanfill had been levelled and re-grassing was taking place. On 16 May 2022 the officer noted that revegetation had taken place with grass growing on the majority of the area and that the land was being advertised for sale. The Company was informed that it could begin the process of surrendering the consent if all work at the site had been completed. The site was fully compliant with the conditions of the consent during each inspection. No dust or odour issues were noted at the time of the inspections.

## 8.2.2 Results of receiving environment monitoring

Routine water quality sampling is undertaken at the two sampling site locations shown in Figure 8. Two sampling surveys were completed and the results are presented in Table 16 below.

Table 16 Results of water sample taken from Downer's cleanfill 15 October 2021 and 29 March 2022.

Parameter	Units	15 October 2021		29 March 2022	
		HTK000363	HTK000364	HTK000363	HTK000364
Conductivity @25 °C	mS/m	24.9	14.4	14.3	23.1
Unionised ammonia	g/m <sup>3</sup>	0.0039	0.00021	0.00022	0.0037
Ammoniacal nitrogen	g/m <sup>3</sup> -N	1.32	0.09	0.026	0.43
pH	pH	7.0	6.9	7.4	7.4
Temperature	Deg C	14.9	12.7	15.6	16.9

The results of the water sampling from the tributary and Huatoki Stream are within the expected ranges for similar streams in Taranaki. On this basis it is unlikely that any discharges from the cleanfill are having adverse effects on water quality in the tributary or Huatoki Stream.

## 8.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with conditions in resource consents or provisions in Regional Plans.

## 8.3 Discussion

### 8.3.1 Discussion of site performance

The discharge of materials at the site was found to be well managed during the period under review. It is noted, however, that continued attention to maintenance of the silt controls at the site was required during the early part of the monitoring year to ensure on-going compliance with this aspect of the consent and the abatement notice issued in September 2019. This was found to have been addressed at the time of the second inspection. The site was levelled and revegetated as per consent conditions. The Company was informed that the consent surrender process could be started, if work at the site had been completed.

### 8.3.2 Environmental effects of exercise of consents

No significant adverse effects on the environment were observed or noted during inspections, or identified by water sampling.

### 8.3.3 Evaluation of performance

A tabular summary of Downer's compliance record for the period under review is set out in Table 17.



Table 17 Summary of performance for Downer EDI Works Ltd's Veale Road cleanfill consent 5213-2

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Discharge in agreed area only	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of prohibited materials listed in the consent	Inspections	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	N/A
5. No discharge of contaminants to water	Inspections and sampling	Yes
6. Install silt retention structures	Inspections.	Maintenance requested at final 2020-2021 inspection not addressed at time of first 2021-2022 inspection
7. Install and maintain stormwater diversion drains	Inspections	Yes
8. Adopt best practice	Inspections	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	Site still in use	N/A
10. Lapse of consent	Consent has been exercised	N/A
11. Optional review provision re environmental effects	Next option for review in June 2026	N/A
Overall assessment of environmental performance in respect of this consent		<b>Good</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, Downer demonstrated a good level of environmental performance and a high level of administrative performance with their Veale Road resource consent as defined in Appendix II. It is noted that continued attention to maintenance of the silt controls at the site is required to ensure on-going compliance with this aspect of the consent and the abatement notice issued in September 2019.

### 8.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Downer's Veale Road cleanfill in the 2021-2022 year continues at the same level as in 2020-2021.

2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendation 1 was implemented. Recommendation 2 was not required.

### 8.3.5 Alterations to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

## 8.4 Recommendations

1. THAT in the first instance, monitoring of discharges from Downer's Veale Road cleanfill in the 2022-2023 year continues at the same level as scheduled in 2021-2022.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

## 9 Downer EDI Works Ltd – South Road, Hawera

### 9.1 Site description and activities

Downer EDI Works Ltd (Downer) holds consent 6964-1 to discharge cleanfill at two adjacent properties on South Road, Hawera. The site is a small gully which is being filled to enhance a paddock for grazing. A small spring emerges in one leg of the gully, and a garden pond is situated at the head of the other leg of the gully. The discharge from the garden pond has been directed away from the cleanfill area, and now discharges below the designated area of the cleanfill. Following the completion of filling, the area will be restored with topsoil and pasture grass. The current approximate fill area is shown in the figure below. The full extent consented is shown in the consent (Appendix I).



Figure 9 Downer EDI Works Ltd cleanfill and sampling site, South Road, Hawera

The consent expired on 1 June 2022. A renewal reminder letter was sent to the Company on 1 September 2021 advising that the renewal application should be lodged by 1 December 2021, or alternatively that they should contact the Council advising that they do not wish to continue the activity after 1 June 2022. An application for renewal was received in February 2022. The application was for a short duration consent that does not exceed the area that is currently consented. As the application to renew the consent was received more than three months prior to the expiry of the consent, Council has allowed the Company to continue to operate under the terms and conditions of the existing consent until a decision is made on the renewal. Downer has previously advised Council that they were considering their options in relation to a potential application to extend the discharge area. This would be subject to a separate consent application.

## 9.2 Results

### 9.2.1 Inspections

The Downer cleanfill on South Road was inspected on four occasions during the period under review, one of which was a follow-up inspection.

#### 14 September 201

The site inspection noted some steel rebar exposed, and more rebar which had been tipped over tip face. The consent holder was advised to remove this as soon as practicable. No other prohibited items were seen, and the site was otherwise clean and tidy.

A follow-up inspection was carried out on 23 December 2021. It was confirmed that the rebar had been removed. No further issues were found with regard to unauthorised materials at the time of the subsequent inspections.

At the inspection on 4 May 2022 the consent holder was instructed that the silt controls at the base of the tip face needed attention.

### 9.2.2 Results of receiving environment monitoring

Routine water quality sampling is undertaken in the unnamed tributary of the Tawhiti Stream approximately 20 m below the cleanfill at the sampling site locations shown in Figure 9. The results of two sampling surveys are shown in Table 18 below.

**Table 18 Chemical analysis of an unnamed tributary of the Tawhiti Stream at Downer EDI Works Ltd's cleanfill, South Road, Hawera, 14 September 2021 and 28 March 2022**

Parameter	Units	14 September 2021	28 March 2022
		TWH000498 (20 m downstream of cleanfill)	
Conductivity @ 25 °C	mS/m	61.5	70.2
Unionised ammonia	g/m <sup>3</sup>	0.00113	0.0038
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.109	0.35
Acid soluble iron	g/m <sup>3</sup>	0.93	2.2
Dissolved iron	g/m <sup>3</sup>	0.07	<0.02
Dissolved zinc	g/m <sup>3</sup>	<0.0010	<0.0010
pH	pH	7.6	7.5
Temperature	°C	12.7	16.5

The level of conductivity in both samples are significantly higher than any other samples from other sites. The range of results from other sites is 5.1 to 30.2 mS/m, and the overall mean is 22.51 mS/m. Between 2010 and 2019 the results have ranged between 30.7 and 64 mS/m.

This site has exhibited elevated conductivity levels since the sampling began and this may either be due to natural high iron levels found in the catchment or the presence of the cleanfill. It was therefore recommended that the water samples downstream of the site be analysed for dissolved iron and zinc. This was done for the first time during the year under review. It was found that although the acid soluble iron concentration was elevated, the dissolved iron and zinc concentrations were low.

There are no adverse effects of conductivity but it is indicative of dissolved salts. Consideration should now be given to the benefit of undertaking sampling from the garden pond upstream of the cleanfill in order to evaluate whether the elevated conductivity is present above the cleanfill site.

The remaining results of the water sampling are within the expected ranges for similar streams in Taranaki. On this basis it is unlikely that any discharges from the cleanfill are having adverse effects on water quality in the tributary or Tawhiti Stream.

### 9.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with Downer EDI Works Ltd's conditions in resource consents or provisions in Regional Plans.

## 9.3 Discussion

### 9.3.1 Discussion of site performance

The cleanfill was generally well managed during the monitoring period. At the time of one of the inspections it was found that exposed rebar had been discharged over the tip face. This was found to have been removed at the time of the follow-up inspection. There were no dust, odour or ponding issues at the site at the time of the inspections.

It is noted that this consent expired on 1 June 2022. There is a Management Plan required by the conditions of the consent, which was last updated in July 2018. This plan contains the details of how the site will be capped, contoured and reinstated along with closure and aftercare requirements. An application to renew the consent was lodged on 28 February 2022 and the site is continuing to operate under the expired consent until a decision is made on the renewal.

### 9.3.2 Environmental effects of exercise of consents

No significant adverse effects on the environment were observed or noted during inspections.

### 9.3.3 Evaluation of performance

A tabular summary of Downer's compliance record for the year under review is set out in Table 19.

**Table 19 Summary of performance for Downer EDI Works Ltd's (South Road) cleanfill consent 6964-1**

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Adopt best practice	Inspections	Yes
2. Exercise of consent within agreed area	Inspections	Yes
3. Notify Council 7 days prior to exercise of consent	Review of Council records	N/A
4. Only discharge cleanfill and/or inert materials	Inspections	Yes

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
5. No discharge of prohibited materials listed in the consent	Inspections	Small amount of unauthorised material found at one inspection. This was removed promptly
6. Dried silt from water treatment plants to be spread thinly and mixed with other material	Inspections	Yes
7. Maximum volume of 350 m <sup>3</sup> of dried silt can be applied per year	Inspections	Yes
8. Consent holder to obtain written approval if acceptability of material uncertain	No approval sought	N/A
9. Install and maintain silt retention structures	Inspections	Yes
10. Install and maintain stormwater diversion drains	Inspections	Yes
11. Final contours of filled area to allow for stormwater to flow away from site	Site still in process of being filled	N/A
12. Prepare, maintain and comply with a contingency and site management plan	Latest plan on record prepared July 2018. Inspections against plan	Yes
13. Lapse condition	Consent exercised	N/A
14. Optional review provision re environmental effects	No further opportunities for review due to expiry of consent on 1 June 2022	N/A
15. Discharge to land not to result in any contaminant entering water	Sampling	Yes
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, Downer demonstrated a high level of environmental performance and a high level of administrative performance in relation to their South Road resource consent as defined in Appendix II.

### 9.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Downer's South Road cleanfill in the 2021-2022 be amended from that of 2020-2021 to include iron and zinc determination.

2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendation 1 was implemented. Recommendation 2 was not required.

### 9.3.5 Alteration to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme be amended to include iron and zinc analysis.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

## 9.4 Recommendations

1. THAT in the first instance, monitoring of discharges from Downer's South Road cleanfill in the 2022-2023 year continues at the same level as scheduled in 2021-2022.
2. THAT consideration be given to including sampling of the pond upstream of the cleanfill site in the 2023-2024 year.
3. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.



## 10 Gas and Plumbing Ltd – Colson Road, New Plymouth

### 10.1 Site description and activities

Earthworks Earthmoving Ltd held consent 7165 -1 to discharge cleanfill to land. This consent was transferred to Gas and Plumbing Ltd (Gas and Plumbing) on 8 August 2012.

The site is situated opposite the Colson Road transfer station entrance, and cleanfilling operations at this site began in late 2007. As the cleanfill progresses down the gully the culvert will be extended to stay ahead of the tip face. The culvert consent is held by Wayne Eustace who is a director of Gas and Plumbing.

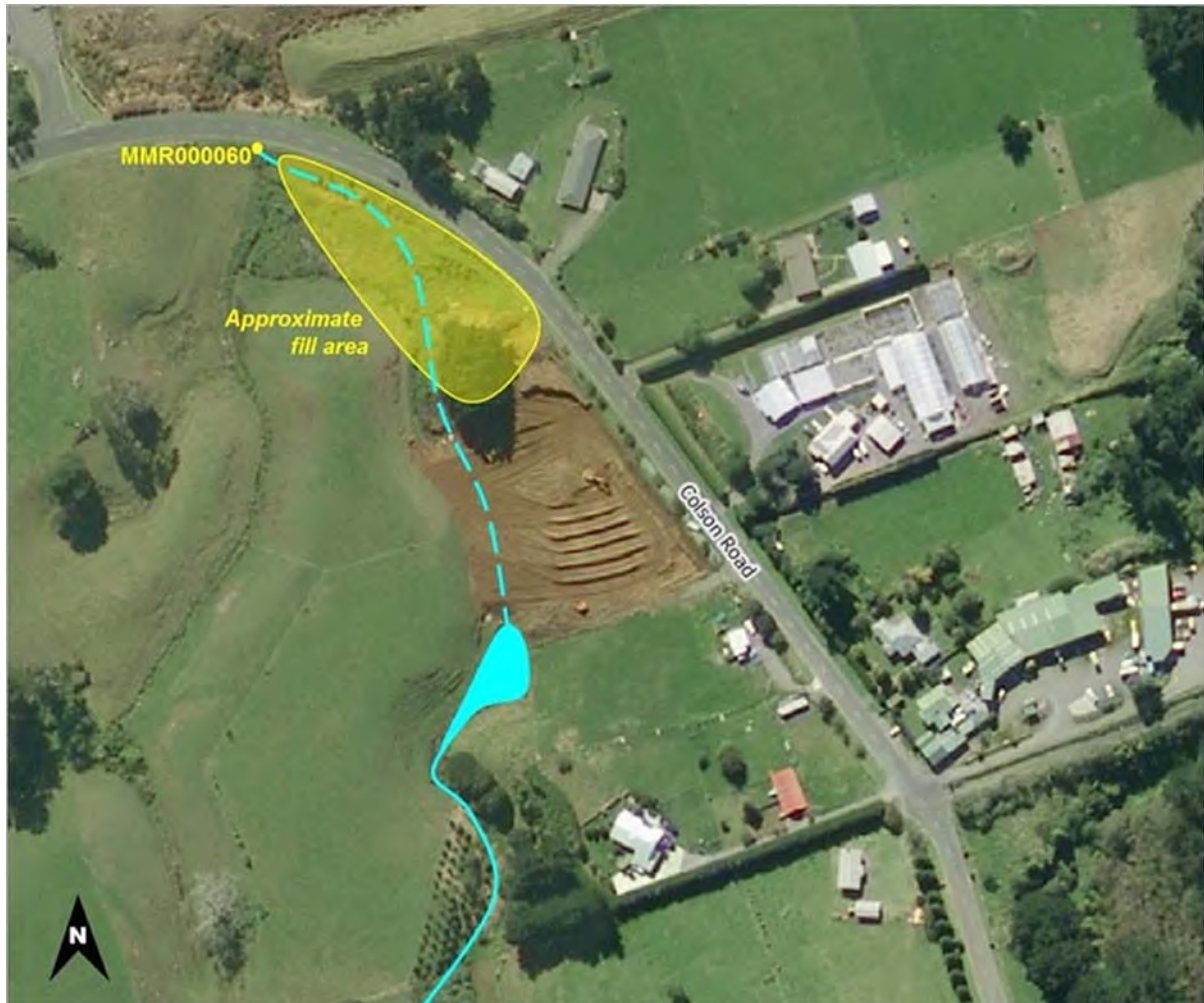


Figure 10 Gas and Plumbing Ltd's cleanfill and sampling site at Colson Road, New Plymouth

### 10.2 Results

#### 10.2.1 Inspections

The Gas and Plumbing Ltd cleanfill was inspected on three occasions during the period under review. On each occasion the monitoring officer noted that there didn't appear to be any filling since the previous inspection. No prohibited material, odour or dust was observed at any time, and the site was deemed to be in full compliance with the consent conditions.



## 10.2.2 Results of receiving environment monitoring

Routine water quality sampling is undertaken in the Mangamiro Stream, below the cleanfill (Figure 10). Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate.

**Table 20** Chemical analysis of the Mangamiro Stream at Gas and Plumbing's cleanfill, Colson Road, New Plymouth on 15 October 2021 and 29 March 2022

Parameter	Units	15 October 2021	29 March 2022
		MMR000060 (u/s of Colson Road)	
Conductivity @ 25 °C	mS/m	21.7	20.7
Unionised ammonia	g/m <sup>3</sup>	0.00007	0.00016
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.029	0.026
pH	pH	6.9	7.3
Temperature	°C	12.7	15.4

The ammoniacal nitrogen concentrations found continued to be well below median for this monitoring site. Unionised ammonia was also found to be at a very low concentration. The conductivity was found to be in the expected range for Taranaki freshwater at this elevation.

These results indicate that the cleanfill's presence is not likely to be having any significant effect on receiving water quality.

## 10.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with Gas and Plumbing's conditions in resource consents or provisions in Regional Plans.

## 10.3 Discussion

### 10.3.1 Discussion of site performance

During the period under review the site was found to be well managed and compliant with consent conditions at the time of the inspections.

### 10.3.2 Environmental effects of exercise of consents

Observations made during inspections indicate that the presence of the cleanfill is not having any significant effect on the environment.

### 10.3.3 Evaluation of performance

A tabular summary of the Gas and Plumbing's compliance record for the year under review is set out Table 21.

Table 21 Summary of performance for Gas and Plumbing's cleanfill consent 7165-1

<b>Purpose: To discharge cleanfill onto and into land in the vicinity of an unnamed tributary of the Mangaone Stream</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Discharge only in specified area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of materials detailed in the consent	Inspections	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	N/A
5. Silt retention structures shall be installed if required	Inspections	Yes
6. Stormwater control drains shall be installed if required	Inspections	Yes
7. Adopt best practice	Inspections	Yes
8. Upon completion the discharge site shall be reinstated and re-vegetated	Site not currently in use. Adequately vegetated and stabilised	Yes
9. Review condition	No further opportunities for review prior to expiry on 1 June 2026	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, Gas and Plumbing demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Appendix II.

### 10.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Gas and Plumbing's cleanfill in the 2021-2022 year continues at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendation 1 was implemented, with the exception of the sampling being deferred to the spring of the 2022-2023 year. Recommendation 2 was not required.

### 10.3.5 Alterations to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023.

## 10.4 Recommendations

1. THAT in the first instance, monitoring of discharges from Gas and Plumbing's cleanfill in the 2022-2023 year continues at the same level as scheduled in 2021-2022.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

## 11 Smudgy Developments – Tukapa Street, Hurdon

### 11.1 Site description and activities

Smudgy Developments (Smudgy) holds consent 10585-1 to discharge cleanfill onto and into land for the purpose of levelling the land on Tukapa Street, Hurdon for future development. The 0.8 ha discharge area is in a dry, lower lying area of the property. The area is dry because the upstream tributary was piped through the property by a previous owner some time ago. The piped unnamed tributary emerges into an open drain below the discharge area, into which the stormwater from the cleanfill flows. This is then piped under Frankley School into the Waimea Stream in the Huatoki catchment (Figure 11).

The cleanfill material provided for by the consent is limited to only uncontaminated sand, soil, clays, gravel, shingle, stones, bricks and mortar, thereby avoiding the potential for contaminated leachate. The Company records the material discharged at the site and inspects the cleanfill daily to ensure that no unauthorised material has been discharged at the site. The potential for sediment discharges from the site have been reduced by limiting the area that is unstabilised at any time and the installation of a settling pond to treat stormwater from the site.

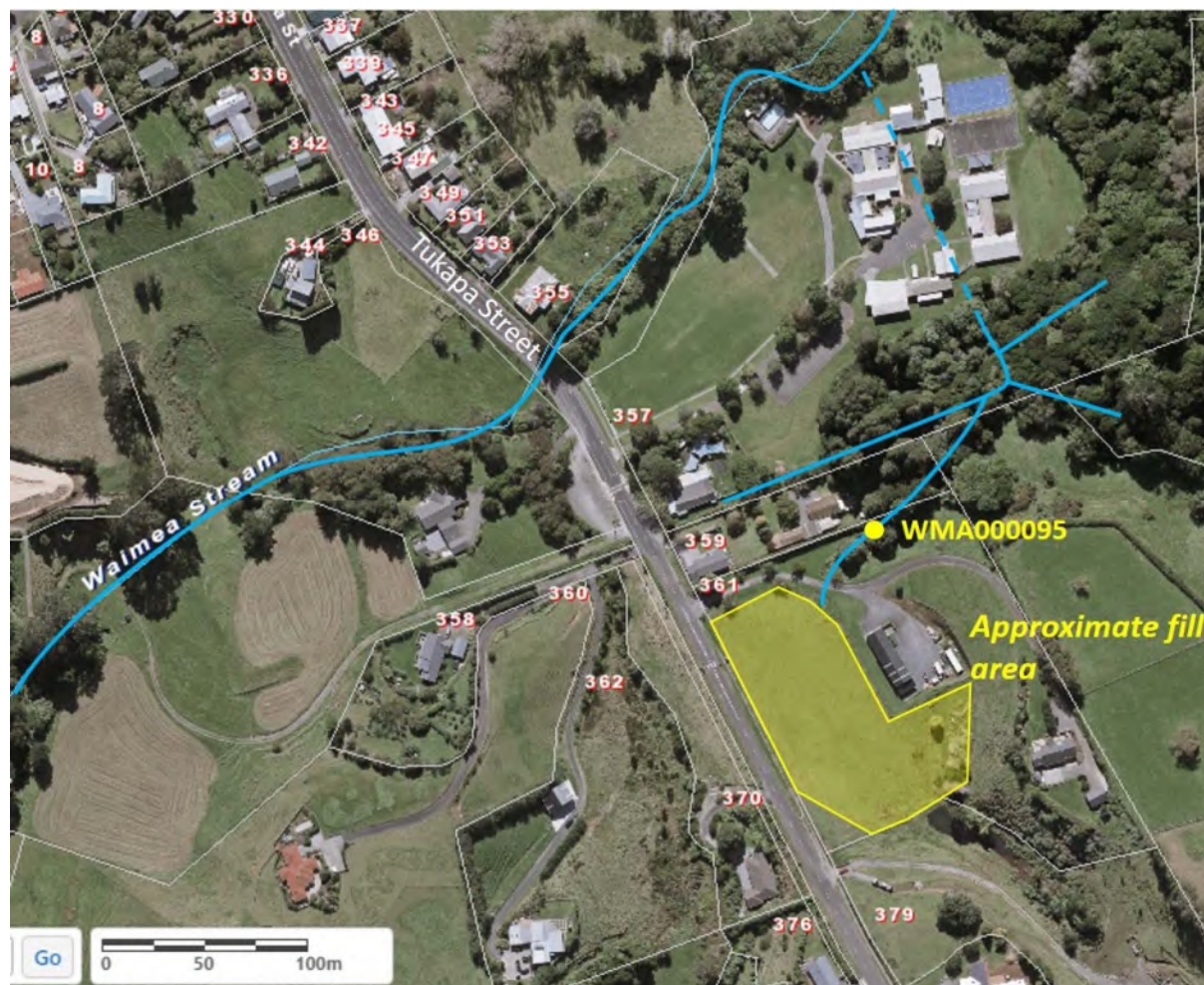


Figure 11 Smudgy Developments cleanfill and sampling site on Tukapa Street, Hurdon

## 11.2 Results

### 11.2.1 Inspections

The Smudgy Developments cleanfill was inspected on three occasions during the period under review. On each occasion the monitoring officer noted that the site was well maintained and no odour or dust issues were identified. The site was being developed and areas revegetated, where possible, during the monitoring year. The site was deemed to be in full compliance with the consent conditions.

### 11.2.2 Results of discharge and receiving water monitoring

A monitoring site has been established downstream of the cleanfill in a tributary of the Waimea Stream as shown in Figure 11. Samples were collected on 15 October 2021 and 29 March 2022 and the results of the laboratory analysis can be found in Table 22 below.

Table 22 Chemical analysis of the Waimea Stream at Smudgy's cleanfill, Tukapa Street, New Plymouth on 15 October 2021 and 29 March 2022

Parameter	Units	15 October 2021	29 March 2022
		WMA000095 (Smudgy Developments site discharge)	
Conductivity @ 25 °C	mS/m	18	16.3
Unionised ammonia	g/m <sup>3</sup>	0.000181	0.00093
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.12	0.103
pH	pH	6.7	7.4
Temperature	°C	13.7	17

There are no parameter limits included in the Company's consent. The results of this discharge monitoring do not indicate the presence of leachate being generated in relation to the potential for discharge of unacceptable materials at cleanfill sites.

### 11.2.3 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with Smudgy's conditions in resource consents or provisions in Regional Plans.

## 11.3 Discussion

### 11.3.1 Discussion of site performance

Activities at the site were well managed during the year under review. Records of the type and origin of the materials discharged at the site were good, and no unauthorised materials were found at the site at the time of the inspections.

### 11.3.2 Environmental effects of exercise of consents

Due to the limited nature of the materials discharged at this site, the primary potential contaminant of concern is silt and sediment. At inspection it was found that the silt control measures at the site were effective in avoiding adverse effects in the receiving environment.

### 11.3.3 Evaluation of performance

A tabular summary of Smudgy's compliance record for the period under review is set out in Table 23.

**Table 23 Summary of performance for Smudgy Developments cleanfill consent 10585-1.0**

<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Exercise consent in accordance with application	Inspections	Yes
2. Notification prior to exercise of consent	Condition previously complied with	N/A
3. Discharge to occur only in agreed area	Inspections	Yes
4. Only specified cleanfill materials to be discharged	Inspections	Yes
5. No discharge of prohibited materials listed in the consent	Yes	Yes
6. Materials from HAIL <sup>4</sup> sites must be confirmed as uncontaminated prior to discharge	Inspections and check of onsite discharge records. No HAIL site material discharged	N/A
7. Specified discharge records to be kept and made available to Council	Inspections and check of onsite discharge records	Yes
8. Adopt best practice	Inspections	Yes
9. Stormwater diversion required around fill site	Inspections	Yes
10. Prevent or minimise any likely adverse effects on the environment due to any discharge at the site, including specified stormwater drainage, silt retention and stabilisation requirements. Suspended solids limit on site discharge	Inspections	Yes
11. Stock to be excluded from diversion drains, silt retention device and unstabilised areas	Inspections	Yes
12. Area of exposed surfaces limited to 1/3 ha. Interim capping, contouring and stabilisation requirements	Inspections	Yes

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<sup>4</sup> Appendix C: Hazardous Activities and Industries List (HAIL) of the *User's Guide: NES for Assessing and Managing Contaminants in Soil to Protect Human Health*



<b>Purpose: To discharge cleanfill onto and into land</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
13. At completion of fill, site to be stabilised as per condition 12	Inspections. Filling still occurring	N/A
14. Consent to lapse 30 June 2024 unless exercised	Consent exercised	N/A
15. Optional review provision re environmental effects	Provision for review in June 2022. No grounds for review	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

N/A = not applicable

During the period under review, Smudgy demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Appendix II.

### 11.3.4 Recommendations from the 2020-2021 Annual Report

In the 2021-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of consented activities at the Smudgy site in the 2021-2022 year continue at the same level as in 2020-2021.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.
3. THAT the option for a review of resource consent 10585-1.0 in June 2022, as set out in condition 15 of the consent, not be exercised, on the grounds that the conditions of the consent are adequate to deal with any adverse effects on the environment.

Recommendation 1 was implemented, recommendation 2 was not required and recommendation 3 was adopted by Council.

### 11.3.5 Alterations to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site(s) in question. The Council reserves the right to subsequently adjust the programme

from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2021-2022.

## 11.4 Recommendations

1. THAT in the first instance, monitoring of consented activities at the Smudgy site in the 2022-2023 year continue at the same level as in 2021-2022.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.



## 12 Taranaki Civil Construction Ltd – Carrington Road, Stratford

### 12.1 Site description and activities

Taranaki Civil assumed ownership of a cleanfill at Carrington Road, Hurworth.

At the time of the first two inspection rounds during the year under review the site was owned and operated by A.E. Riddick (Section 4).

There have been permits held for the discharge of contaminants to land at this site since November 1991, with the initial water right 3977-1 issued following the discovery of unauthorised discharges of construction materials. Permits 3977-1 and 3977-2 authorised the discharge of inorganic wastes. The filling that occurred under these permits, held by EE Riddick, formed the first lift of the fill site from the top of the gully towards the Huatoki Stream. The depth of this fill was approximately 10 m. Consents 3977-3 to 3977-4 provided for the discharge of cleanfill at the site and the second lift of fill commenced during the exercise of consent 3977-3.

Taranaki Civil obtained resource consent on 4 March 2022 to extend the existing fill site by continuing a second lift on top of the earlier fill. The extension is for an area of 3,900 m<sup>2</sup>, with an average fill depth of 4 m prior to the capping of the site. The toe of the fill site is to be contoured to a grazeable grade that will finish 50 m from the natural wetland that is in an unnamed tributary of the Huatoki Stream that runs across the bottom of the property (Figure 12).

The total volume of the extension is approximately 20,000 m<sup>3</sup> and has an expected lifespan of between four and 10 years. The consented area of the cleanfill is shown in Figure 13.

Any stormwater and potential leachate discharged from the cleanfill will enter an unnamed tributary on the site, the natural wetland and then into the Huatoki River 2.6 km downstream.

Potential effects of the discharge of cleanfill at the site are mitigated by restricting the type of materials accepted to only uncontaminated:

- sand, soil and clays;
- roading aggregate;
- gravel, shingle, stones;
- bricks and mortar; and
- concrete containing no exposed metal

There is also an Erosion and Sediment Control Plan and Operation and Management Plan in place for the site.

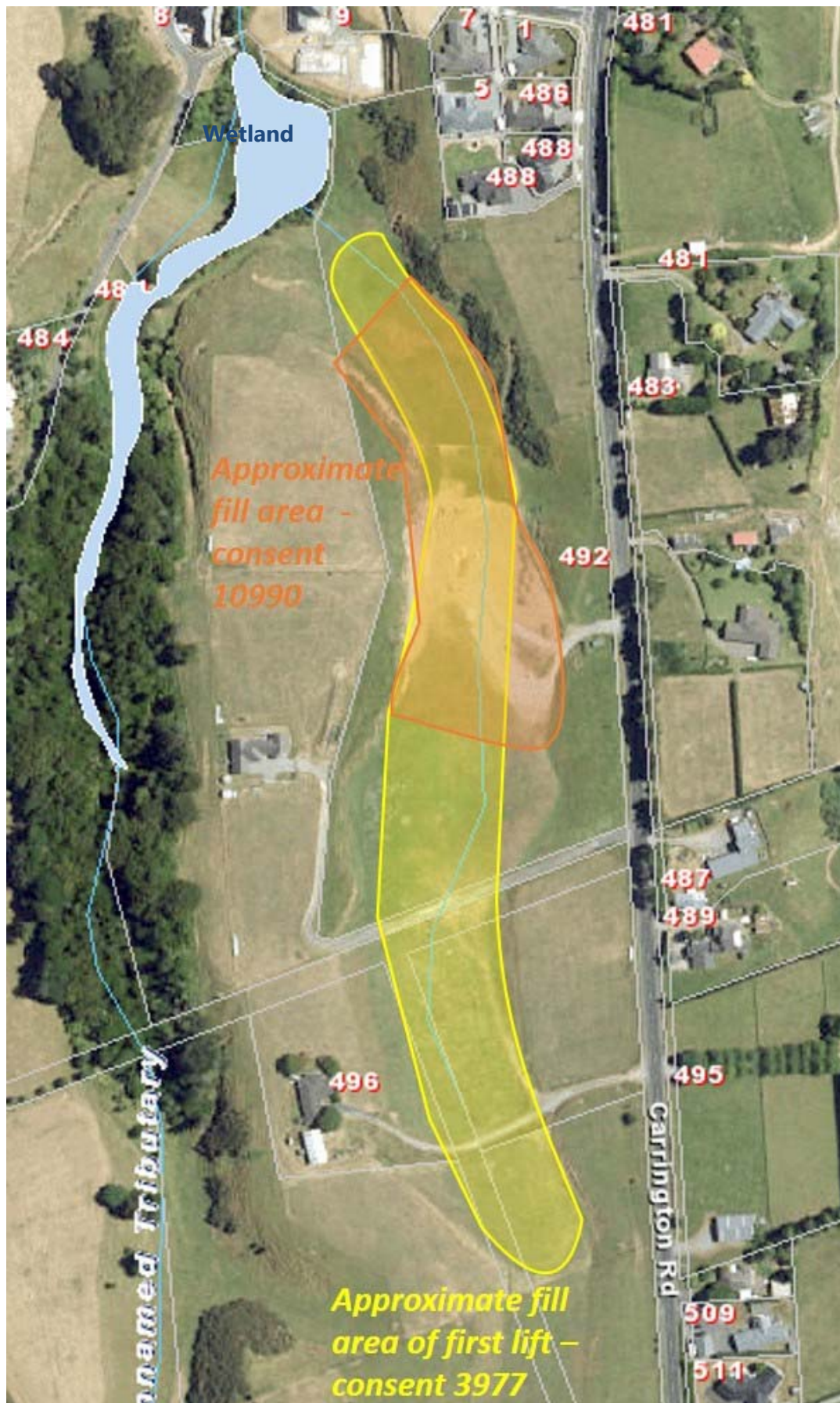


Figure 12 Taranaki Civil Construction cleanfill on Carrington Road, Hurworth

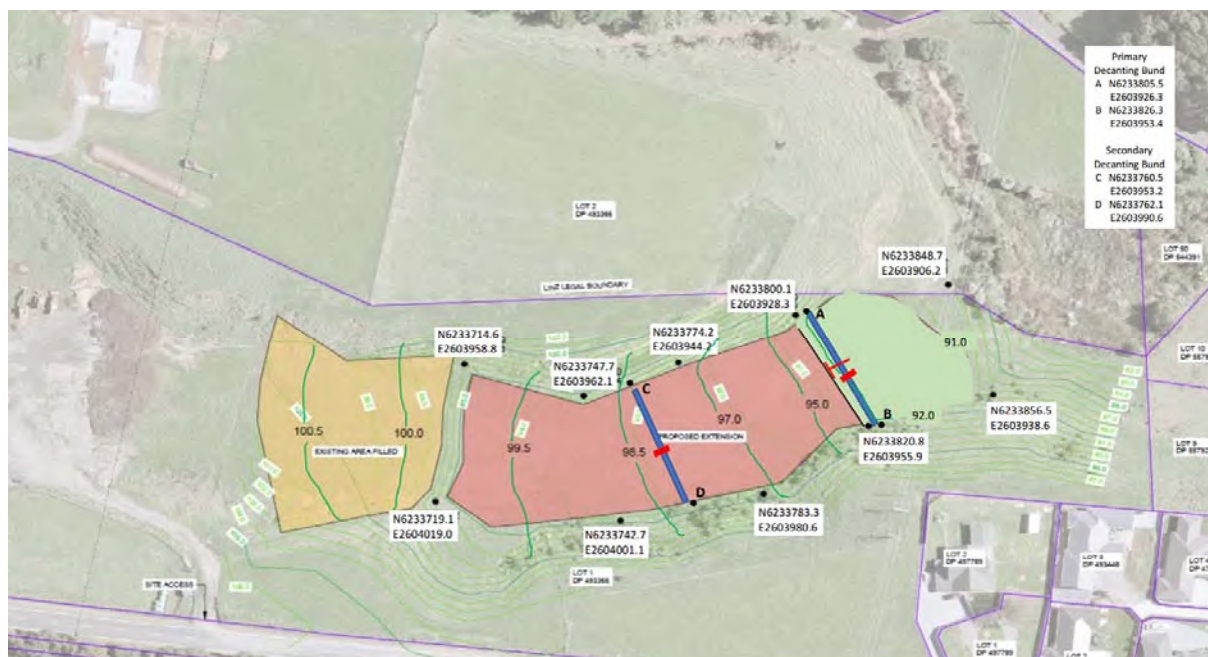


Figure 13 Permitted extent of the Taranaki Civil Construction cleanfill on Carrington Road, Hurworth

## 12.2 Results

### 12.2.1 Inspections

One inspection was conducted during this monitoring period. The inspection noted that the site appeared “well used” but there were no prohibited materials, odour or dust issues. The site was deemed to be fully compliant with the conditions of the consent. No water sampling was conducted during this monitoring period as the sampling for this property was conducted prior to the exercise of this new consent.

### 12.2.2 Investigations, interventions, and incidents

In the 2021-2022 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with Taranaki Civil’s conditions in resource consents or provisions in Regional Plans.

## 12.3 Discussion

### 12.3.1 Discussion of site performance

The site was well managed during the year under review.

### 12.3.2 Environmental effects of exercise of consents

There were no visible effects found in the receiving water at the time of the inspections.

### 12.3.3 Evaluation of performance

A tabular summary of Taranaki Civil's compliance record for the period under review is set out in (Table 24) below.

**Table 24 Summary of performance for Taranaki Civil Construction Ltd cleanfill consent 10990-1.0**

<b>Purpose: To discharge cleanfill into and onto land, and discharge stormwater and sediment into and onto land where stormwater and sediment may enter water</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Activity to be in accordance with application information	Inspections	Yes
2. Council to be notified prior to commencement of exercise of consent	Check of Council records	Yes
3. Discharge to occur in specified area	Inspections	Yes
4. Site to be managed in accordance with construction management plan	Inspections	Yes
5. Only discharge specified cleanfill materials	Inspections	Yes
6. No discharge of prohibited materials listed in the consent	Inspections	Yes
7. No HAIL site material to be discharged without confirmation it is uncontaminated	Inspections	Yes
8. Specifies discharge records that are to be kept	Inspections	Yes
9. Adopt best practice	Inspections	Yes
10. Steps to minimise effects on water to be taken including stormwater diversion, and interim compacted cover if area inactive for more than two weeks	Inspections	Yes
11. Site shall be progressively capped according to specified standards	Inspections	Yes
12. As built certification statements to be provided for erosion and sediment controls	Inspections and check of Council records	Yes
13. Stock to be excluded from stormwater controls and vegetated areas	Inspections	Yes
14. Progressive and final stabilisation to be carried out in accordance with specified Waikato Guidelines	Inspection	Yes



Purpose: To discharge cleanfill into and onto land, and discharge stormwater and sediment into and onto land where stormwater and sediment may enter water		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
15. Site to be monitored and maintained by consent holder until vegetation sufficiently established to prevent erosion and sediment discharge	Inspection	Yes
16. Erosion and sediment control measures not to be removed until site adequately stabilised	Inspection	Yes
17. Limit of 20,000 m <sup>3</sup> of fill to be discharged as per contour map provided	Inspection. Fill on going within contour map profile	Yes
18. Depth of fill excluding cap not to exceed 4 m	Inspection	Yes
19. Any areas of ponding due to sediment control measures to be lined	Inspection. No ponding noted	N/A
20. Site to be managed as per erosion and sediment control plan	Inspection	Yes
21. Limit on stormwater catchment area of 0.5 ha	Inspection	Yes
22. Constituent limits on stormwater discharge	Suspended solids and oil and grease assessed visually at inspection	Yes
23. Safe access to be provided to discharge sampling point	Inspection	Yes
24. Prohibition of specific effects in the receiving water	Visual assessment at inspection	Yes
25. Prohibition of effects on ecology and water quality of wetland	Visual assessment at inspection	Yes
26. Provision and maintenance of a contingency plan	Check of Council records. Included in construction management plan	Yes
27. Consent lapse	Consent has been exercised	N/A
28. Review condition	Option for review in June 2023	N/A
Overall assessment of environmental performance in respect of this consent		<b>High</b>
Overall assessment of administrative performance in respect of this consent		<b>High</b>

During the period under review, Taranaki Civil demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Appendix II.

#### 12.3.4 Exercise of optional review of consent

Resource consent 10990-1.0 provides for an optional review of the consent in June 2023. Condition 27 allows the Council to review the consent, for the purpose of ensuring that the conditions on the consent are

adequate to deal with any adverse effects on the environment arising from the exercise of the resource consent.

Based on the results of the limited amount of monitoring in the year under review, at this stage, it is considered that there are no grounds that require a review to be pursued.

## 12.4 Recommendations

1. THAT in the first instance, monitoring of consented activities at the Taranaki Civil site in the 2022-2023 year include three site inspections and sampling of the discharge and receiving water.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.
3. THAT the option for a review of resource consent 10990-1.0 in June 2023, as set out in condition 28 of the consent, not be exercised, on the grounds that the conditions of the consent are adequate to deal with any adverse effects on the environment.

## 13 Taranaki Trucking Company Ltd – Cardiff Road, Stratford

### 13.1 Site description and activities

Taranaki Trucking Company Ltd (Taranaki Trucking) held two consents for this site, both of which expired on 1 June 2017. Resource consent 5561-1 provided for the discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River, and 6280-1 to erect, place and maintain a culvert in the headwaters of an unnamed tributary of the Waingongoro River to prevent cleanfill contamination of the stream.

The site is bounded by Cardiff Road to the east, the Waingongoro River to the west, and an old dairy factory to the north. The area being filled is a steep narrow gully approximately 35 m wide. The capacity of the site is limited, and this is one of the smaller cleanfills described in this report. Culverting was not installed prior to the expiry of consent 6280-1, which reached its expiry date of 1 June 2017 without being given effect to.

An application to renew the cleanfill consent 5561 was lodged more than six months prior to expiry of the existing consent, and therefore under Section 124 of the RMA, the activity may continue under the conditions of the expired consent until a decision is made on the renewal.

Processing of the cleanfill consent renewal was put on hold pending receipt of a piping consent application. It is noted that there is limited space to continue filling at the site before further culverting will be required in the unnamed tributary. A new consent will be required to undertake this work.

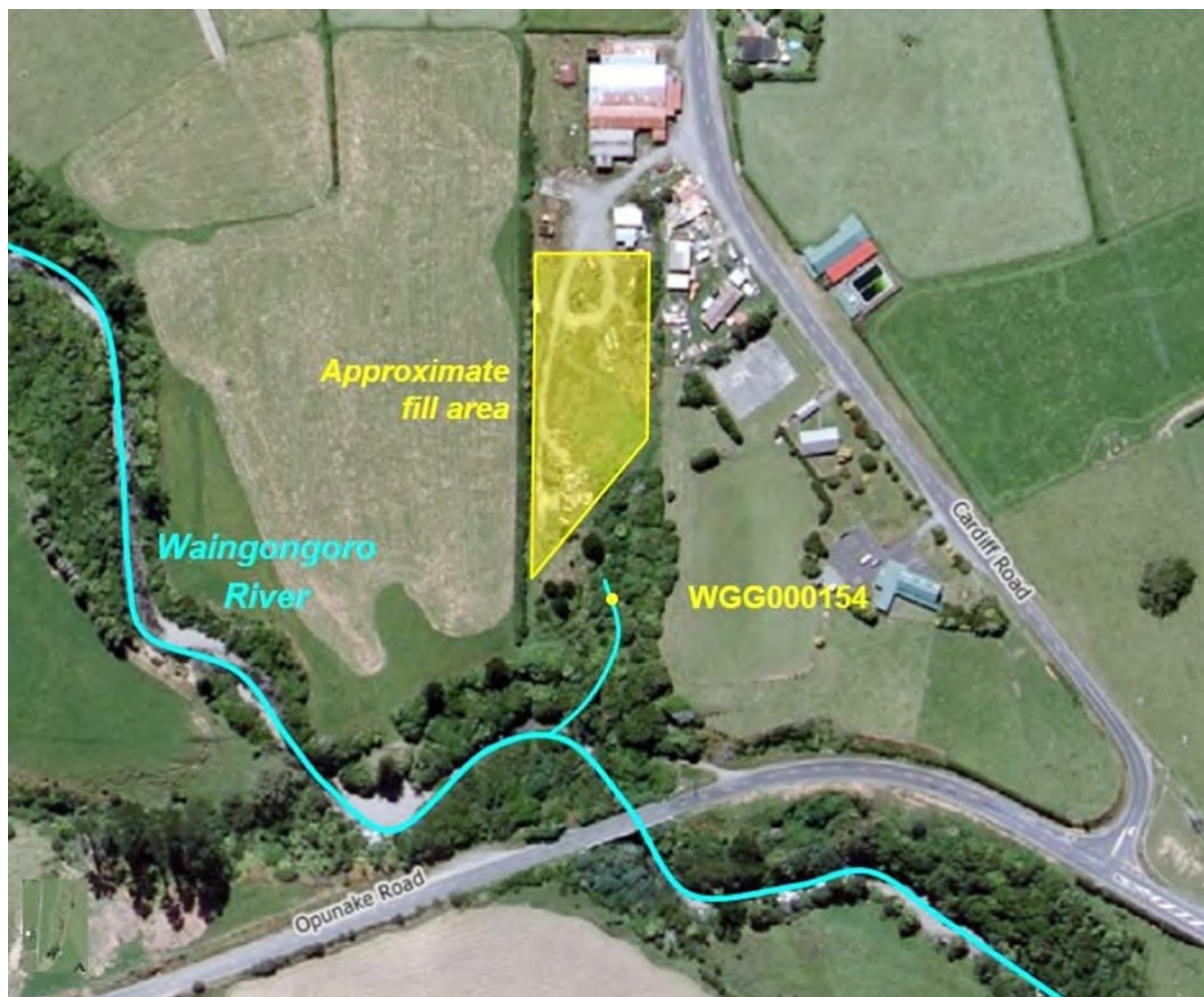


Figure 14 Taranaki Trucking Company Ltd's cleanfill and sampling sites at Cardiff Road, Stratford

## 13.2 Results

Contact was made with Taranaki Trucking to inform the Company that, due to changes in Central Government legislation, it was unlikely that a new consent would be granted for the piping of the stream. The Company subsequently asked if it would be possible to withdraw the application to renew the cleanfilling consent. The site inspection undertaken on 30 March 2022 focused on what, if any, work would need to be undertaken before the site would comply with the closure requirements given in the consent. Following this inspection the Company was advised that works would be required to meet the closure requirements of the consent.

### 13.2.1 Inspections

Taranaki Trucking's cleanfill at Cardiff Road was inspected on two occasions during the period under review.

#### September 2021

The inspecting officer noted that the site appeared to have been unused for some time as indicated by piles of material that had become overgrown.

30 March 2022

On arrival at the site it was found that there was no gate or other means of controlling access to the cleanfill. It was noted that, again, the site appeared to have been unused for some time. There were piles of material that had yet to be levelled out and these were all overgrown. There were a number of piles of unacceptable material on site including, but not limited to, treated timber, carpet and steel. The Company was instructed to take steps to have these items removed from the site. It was considered that the site did not comply with conditions 2 and 3 of the resource consent.

### 13.2.2 Results of receiving environment monitoring

Routine water quality sampling is undertaken in the unnamed tributary of the Waingongoro River downstream of the cleanfill site (Figure 14). Samples were collected from the monitoring site on 14 September 2021 and 30 March 2022 and the results are presented in Table 25 below.

**Table 25 Chemical analysis of the Waingongoro River at Taranaki Trucking Company, Cardiff Road, Stratford on 14 September 19 2021 and 30 March 2022**

Parameter	Units	14 September 2021	30 March 2022
		WGG000154 (Toe of Cleanfill)	
Conductivity @ 25 °C	mS/m	14.1	17.8
Unionised ammonia	g/m <sup>3</sup>	0.000042	0.00085
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.159	0.58
pH	pH	7.0	6.7
Temperature	°C	12.0	13.5

The results of the water sampling from the tributary are within the expected ranges for similar streams in Taranaki. On this basis it is unlikely that any discharges from the cleanfill are having adverse effects on water quality in the tributary or Waingongoro Stream.



### 13.2.3 Investigations, interventions, and incidents

In the 2020-2021 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with Taranaki Trucking's conditions in resource consents or provisions in Regional Plans.

## 13.3 Discussion

### 13.3.1 Discussion of site performance

Inspections indicated that there no work appeared to be occurring at this cleanfill site during the year under review. It was found that the site appeared to be unused at the time of both inspections during the year under review.

Although an application was received to renew the cleanfill consent, the associated piping consent 6280-1 had lapsed, due to the fact that the consent had not been given effect to within the required time period. Only a limited amount of filling can occur without the installation of the necessary piping. An application form for the piping consent was provided to the consent holder on 12 April 2017, and the processing of the cleanfill consent was put on hold until the application for this related activity was also received. The consent holder has been advised that the current cleanfill area cannot be extended until the piping has been re-consented and installed.

During the year under review, the consent holder indicated that they wish to cease the cleanfill activity and withdraw the application to renew the consent. Inspection found that works would need to be undertaken to comply with the site closure requirements on the consent. The consent holder was advised of this

### 13.3.2 Environmental effects of exercise of consents

On the basis of the information gathered in this, and previous monitoring periods, the presence of the cleanfill is not having a significant effect on the environment.

### 13.3.3 Evaluation of performance

A summary of the Taranaki Trucking's compliance record for the year under review is set out in Table 26.

**Table 26 Summary of performance for Taranaki Trucking Company Ltd's cleanfill consent 5561-1**

<b>Purpose: To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
1. Consent exercised in accordance with information supplied	Inspections	Unacceptable material to be removed from the site
2. Only discharge cleanfill and/or inert materials	Inspections	Unacceptable material to be removed from the site
3. No discharge of materials detailed in the consent	Inspections	Unacceptable material to be removed from the site

<b>Purpose: To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River</b>		
<b>Condition requirement</b>	<b>Means of monitoring during period under review</b>	<b>Compliance achieved?</b>
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought	N/A
5. Discharge to land shall not result in contamination of surface water	Sampling	Yes
6. Silt retention structures shall be installed if required	Inspections	Yes
7. Stormwater control drains shall be installed if required	Inspections	Yes
8. Adopt best practice	Inspections	Unacceptable material to be removed from the site
9. Upon completion the discharge site shall be contoured and revegetated	Site not in use. Consent holder advised of closure requirements	N/A
10. Review condition	No further option for review prior to expiry	N/A
Overall assessment of environmental performance in respect of this consent		<b>Good</b>
Overall assessment of administrative performance in respect of this consent		<b>Improvement required</b>

N/A = not applicable

During the year, Taranaki Trucking demonstrated a good level of environmental performance and a need to improve their level of administrative performance with their resource consents as defined in Appendix II. There was no evidence of any activity at the site during the year under review. The Council is working with the consent holder with respect to the closure requirements for the site, which include the removal of unacceptable material from the site. No adverse effects were found at the time of the inspections or sampling.

### 13.3.4 Recommendations from the 2020-2021 Annual Report

In the 2020-2021 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Taranaki Trucking's cleanfill in the 2021-2022 year continues at the same level as in the 2020-2021 period.
2. THAT should there be issues with environmental or administrative performance in 2021-2022, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

Recommendation 1 was implemented, with the exception of the sampling being deferred to the spring of the 2022-2023 year. Recommendation 2 was not required.

### 13.3.5 Alterations to the monitoring programme for 2022-2023

In designing and implementing the monitoring programmes for air/water discharges in the region, the Council has taken into account:

- the extent of information already made available through monitoring or other means to date;
- its relevance under the RMA;
- the Council's obligations to monitor consented activities and their effects under the RMA;
- the record of administrative and environmental performances of the consent holder; and
- reporting to the regional community.

The Council also takes into account the scope of assessments required at the time of renewal of consents, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2022-2023, the programme remains unchanged.

It should be noted that the proposed programme represents a reasonable and risk-based level of monitoring for the site in question. The Council reserves the right to subsequently adjust the programme from that initially prepared, should the need arise if potential or actual non-compliance is determined at any time during 2022-2023

## 13.4 Recommendations

1. THAT in the first instance, monitoring of discharges from Taranaki Trucking's cleanfill in the 2022-2023 year continues at the same level as scheduled in the 2021-2022 period.
2. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

## 14 Summary of Recommendations

The following is a summary of the recommendations made for each cleanfill as presented in the individual sections of this report.

1. THAT in the first instance, monitoring of discharges from AA Contracting's cleanfill in the 2022-2023 period continues at the same level as scheduled for 2021-2022.
2. THAT in the first instance, monitoring of discharges from the George Family's cleanfill in the 2022-2023 period continues at the same level as scheduled in 2021-2022.
3. THAT monitoring of the cleanfill consent held by AE Riddick not be continued in the 2022-2023 year as this consent is no longer exercised.
4. THAT in the first instance, monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2022-2023 year continues at the same level as in 2021-2022.
5. THAT the Dennis Wheeler Earthmoving's cleanfill be removed from the 2022-2023 Regional Cleanfill monitoring programme as the consent has been surrendered.
6. THAT in the first instance, monitoring of discharges from Downer's Dorset Road cleanfill in 2022-2023 year continues at the same level as in 2021-2022.
7. THAT in the first instance, monitoring of discharges from Downer's Veale Road cleanfill in the 2022-2023 year continues at the same level as scheduled in 2021-2022.
8. THAT in the first instance, monitoring of discharges from Downer's South Road cleanfill in the 2022-2023 year continues at the same level as scheduled in 2021-2022.
9. THAT consideration be given to including sampling of the pond upstream of the Downer's South Road cleanfill site in the 2023-2024 year.
10. THAT in the first instance, monitoring of discharges from Gas and Plumbing's cleanfill in the 2022-2023 year continues at the same level as scheduled in 2021-2022.
11. THAT in the first instance, monitoring of consented activities at the Smudgy site in the 2022-2023 year continue at the same level as in 2021-2022.
12. THAT in the first instance, monitoring of consented activities at the Taranaki Civil site in the 2022-2023 year include three site inspections and sampling of the discharge and receiving water.
13. THAT the option for a review of resource consent 10990-1.0 in June 2023, as set out in condition 28 of the consent, not be exercised, on the grounds that the conditions of the consent are adequate to deal with any adverse effects on the environment.
14. THAT in the first instance, monitoring of discharges from Taranaki Trucking's cleanfill in the 2022-2023 year continues at the same level as scheduled in the 2021-2022 period.
15. THAT should there be issues with environmental or administrative performance in 2022-2023, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

## Glossary of common terms and abbreviations

The following abbreviations and terms may be used within this report:

Conductivity	Conductivity, an indication of the level of dissolved salts in a sample, usually measured at 25°C and expressed in mS/m.
DO	Dissolved oxygen.
g/m <sup>3</sup>	Grams per cubic metre, and equivalent to milligrams per litre (mg/L). In water, this is also equivalent to parts per million (ppm), but the same does not apply to gaseous mixtures.
HAIL site	A site that has had activities undertaken on it that are listed in Appendix C: Hazardous Activities and Industries List (HAIL) of the <i>User's Guide: NES for Assessing and Managing Contaminants in Soil to Protect Human Health</i>
Incident	An event that is alleged or is found to have occurred that may have actual or potential environmental consequences or may involve non-compliance with a consent or rule in a regional plan. Registration of an incident by the Council does not automatically mean such an outcome had actually occurred.
Intervention	Action/s taken by Council to instruct or direct actions be taken to avoid or reduce the likelihood of an incident occurring.
Investigation	Action taken by Council to establish what were the circumstances/events surrounding an incident including any allegations of an incident.
L/s	Litres per second.
mS/m	Millisiemens per metre.
Mixing zone	The zone below a discharge point where the discharge is not fully mixed with the receiving environment. For a stream, conventionally taken as a length equivalent to 7 times the width of the stream at the discharge point.
NH <sub>4</sub>	Ammonium, normally expressed in terms of the mass of nitrogen (N).
NH <sub>3</sub>	Unionised ammonia, normally expressed in terms of the mass of nitrogen (N).
NTU	Nephelometric Turbidity Unit, a measure of the turbidity of water.
pH	A numerical system for measuring acidity in solutions, with 7 as neutral. Numbers lower than 7 are increasingly acidic and higher than 7 are increasingly alkaline. The scale is logarithmic i.e. a change of 1 represents a ten-fold change in strength. For example, a pH of 4 is ten times more acidic than a pH of 5.
Physicochemical	Measurement of both physical properties (e.g. temperature, clarity, density) and chemical determinants (e.g. metals and nutrients) to characterise the state of an environment.
Resource consent	Refer Section 87 of the RMA. Resource consents include land use consents (refer Sections 9 and 13 of the RMA), coastal consents (Sections 12, 14 and 15), water consents (Section 14) and discharge consents (Section 15).
RMA	<i>Resource Management Act 1991</i> and including all subsequent amendments.
Temp	Temperature, measured in °C (degrees Celsius).
Turb	Turbidity, expressed in NTU.
Virgin excavated material	Virgin excavated materials (VEM) such as clay, soil and rock that are free of: <ul style="list-style-type: none"> <li>• combustible, putrescible, degradable or leachable components;</li> <li>• hazardous substances or materials (such as municipal solid waste) likely to create leachate by means of biological breakdown;</li> </ul>

- products or materials derived from hazardous waste treatment, stabilisation or disposal practices;
- materials such as medical and veterinary waste, asbestos, or radioactive substances that may present a risk to human health if excavated;
- contaminated soil and other contaminated materials; and
- liquid waste.

When discharged to the environment, cleanfill material will not have a detectable effect relative to the background

\*an abbreviation for a metal or other analyte may be followed by the letters 'As', to denote the amount of metal recoverable in acidic conditions. This is taken as indicating the total amount of metal that might be solubilised under extreme environmental conditions. The abbreviation may alternatively be followed by the letter 'D', denoting the amount of the metal present in dissolved form rather than in particulate or solid form.

For further information on analytical methods, contact an Environment Quality Manager.

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## Appendix I

### Resource consents held by cleanfill owners and operators (alphabetical order)

(For a copy of the signed resource consent  
please contact the TRC Consents department)

### Water abstraction consents

Section 14 of the RMA stipulates that no person may take, use, dam or divert any water, unless the activity is expressly allowed for by a resource consent or a rule in a regional plan, or it falls within some particular categories set out in Section 14. Consents authorising the abstraction of water are issued by the Council under Section 87(d) of the RMA.

### Water discharge consents

Section 15(1)(a) of the RMA stipulates that no person may discharge any contaminant into water, unless the activity is expressly allowed for by a resource consent or a rule in a regional plan, or by national regulations. Consents authorising discharges to water are issued by the Council under Section 87(e) of the RMA.

### Air discharge consents

Section 15(1)(c) of the RMA stipulates that no person may discharge any contaminant from any industrial or trade premises into air, unless the activity is expressly allowed for by a resource consent, a rule in a regional plan, or by national regulations. Consents authorising discharges to air are issued by the Council under Section 87(e) of the RMA.

### Discharges of wastes to land

Sections 15(1)(b) and (d) of the RMA stipulate that no person may discharge any contaminant onto land if it may then enter water, or from any industrial or trade premises onto land under any circumstances, unless the activity is expressly allowed for by a resource consent, a rule in a regional plan, or by national regulations. Consents authorising the discharge of wastes to land are issued by the Council under Section 87(e) of the RMA.

### Land use consents

Section 13(1)(a) of the RMA stipulates that no person may in relation to the bed of any lake or river use, erect, reconstruct, place, alter, extend, remove, or demolish any structure or part of any structure in, on, under, or over the bed, unless the activity is expressly allowed for by a resource consent, a rule in a regional plan, or by national regulations. Land use consents are issued by the Council under Section 87(a) of the RMA.

### Coastal consents

Section 12(1)(b) of the RMA stipulates that no person may erect, reconstruct, place, alter, extend, remove, or demolish any structure that is fixed in, on, under, or over any foreshore or seabed, unless the activity is expressly allowed for by a resource consent, a rule in a regional plan, or by national regulations. Coastal consents are issued by the Council under Section 87(c) of the RMA.

**Land Use Consent**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: AA Contracting Limited  
68 Henwood Road  
R D 2  
NEW PLYMOUTH 4372

Decision Date: 31 October 2014

Commencement Date: 31 October 2014

**Conditions of Consent**

Consent Granted: To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation

Expiry Date: 01 June 2032

Review Date(s): June 2020, June 2026

Site Location: 68 Henwood Road, New Plymouth

Legal Description: Lot 2 DP 315619 Oropuriri 1B & Hoewaka 2D (Pt DP 2240)  
Hua Dist Blk II Paritutu SD (Discharge site)

Grid Reference (NZTM) Between 1698511E-5677816N and 1698422E-5677736N

Catchment: Waiwhakaiho

Tributary: Mangaone

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### **Special conditions**

1. This consent authorises the laying of a 450 mm diameter concrete piping and subsequently filling the piped reach between grid references (NZTM) 1698511E-5677816N and 1698422E-5677736N.
2. The fill above the piping shall not be higher than RL 23.0 m and shall slope away from the rail line towards the open stream channel downstream of proposed piping works.
3. Pipes shall be laid such that the invert of the pipe is 90 mm below the streambed level at the inlet.
4. The area of works shall be recontoured to ensure that when the capacity of the pipes is exceeded, all excess water flows to a clearly defined secondary flow path on firm natural ground adjacent to the reclaimed stream and then back into the Mangaone Stream at the downstream limit of piping.
5. The defined secondary flow path described in condition 4 above shall have a minimum bottom width of 10 metres, 1 metre channel depth with side slopes no steeper than 1 vertical to 3 horizontal.
6. The piping and surface inlets shall be maintained to ensure they do not become blocked, and at all times, allow the free flow of water through them.
7. The consent holder shall ensure that the secondary flow path provided by the swale is not blocked.
8. To provide for fish passage, the consent holder shall install and monitor three separate lengths of spat rope within the full length of the 450 mm diameter pipe. The spat rope shall be anchored at the upstream end and extend along the bed of the stream for at least 2 metres immediately downstream of the pipe.
9. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 2 working days prior to commencement of the works. Notification shall include the consent number and a brief description of the activity consented and be emailed to [worknotification@trc.govt.nz](mailto:worknotification@trc.govt.nz).
10. Within three months of this consent being issued, the consent holder shall make contact with the Taranaki Regional Council and request that it prepare a riparian management plan for the property. The Riparian Management Plan shall include the establishment and maintenance of fencing and planting along the margins of the remaining stream on the application site.
11. The fencing and riparian planting required under condition 10 above shall be completed by 1 June 2016.

12. To remedy and mitigate the adverse environmental effects of this consent, the consent holder shall make a single payment of \$4,800 (\$40 per metre) (plus GST) to the Taranaki Regional Council as a financial contribution for the purpose of enhancing the habitats in wetlands small streams. The payment shall be made within three months of commencement of the work.
13. The consent holder shall take all reasonable steps to:
  - a) minimise the amount of sediment discharged to the stream;
  - b) minimise the amount of sediment that becomes suspended in the stream; and
  - c) mitigate the effects of any sediment in the stream.

Undertaking works in accordance with *Guidelines for Earthworks in the Taranaki region*, by the Taranaki Regional Council, will achieve compliance with this condition.

14. No vegetation shall be buried within 20 metres of the piped stream.
15. In the event that any archaeological remains are discovered as a result of works authorised by this consent, the works shall cease immediately at the affected site and tangata whenua and the Chief Executive, Taranaki Regional Council, shall be notified within one working day. Works may recommence at the affected area when advised to do so by the Chief Executive, Taranaki Regional Council. Such advice shall be given after the Chief Executive has considered: tangata whenua interest and values, the consent holder's interests, the interests of the public generally, and any archaeological or scientific evidence. The New Zealand Police, Coroner, and Historic Places Trust shall also be contacted as appropriate, and the works shall not recommence in the affected area until any necessary statutory authorisations or consents have been obtained.
16. All earthwork areas shall be stabilised as soon as is practicable immediately following completion of soil disturbance activities.
17. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and/or June 2026, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 31 October 2014

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**



**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: AA Contracting Limited  
68 Henwood Road  
R D 2  
NEW PLYMOUTH 4372

Decision Date: 31 October 2014

Commencement Date: 31 October 2014

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 01 June 2032

Review Date(s): June 2020, June 2026

Site Location: 68 Henwood Road, New Plymouth

Legal Description: Lot 2 DP 315619 & Oropuriri 1B & Hoewaka 2D (Pt DP 2240) Hua Dist Blk II Paritutu SD (Discharge site)

Grid Reference (NZTM) 1698511E-5677750N

Catchment: Waiwhakaiho

Tributary: Mangaone

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

**General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

**Special conditions**

1. The discharge of cleanfill shall only occur in the area shaded on the plan attached (appendix 1).
2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, “clean fill and inert materials” are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 3) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 2), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
5. The discharge to land shall not result in any contaminant directly entering surface water or groundwater.
6. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. Installing silt retention structures in accordance with Guidelines for Earthworks in the Taranaki region, by the Taranaki Regional Council, will achieve compliance with this condition.
7. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area.
8. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.



## Consent 5180-2.1

9. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and re-vegetated to minimise erosion and stormwater infiltration into the filled area.
10. This consent shall lapse on 31 December 2019, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
11. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and/or June 2026, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

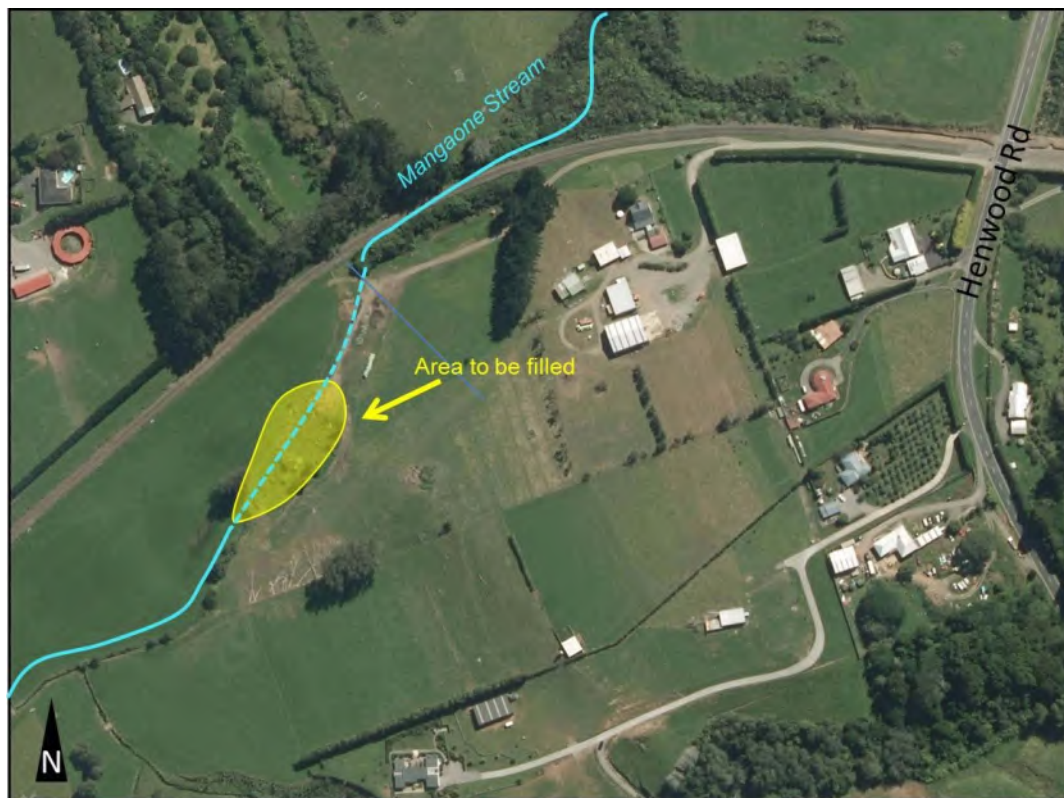
Signed at Stratford on 31 October 2014

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**

Appendix 1



**Figure 2** Area where the discharge of cleanfill is permitted.

**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of Consent Holder:	A & A George Family Trust (Trustees: Aaron Robert & Allana Jane George) PO Box 35 Inglewood 4347	
Decision Date (Change):	19 June 2019	
Commencement Date (Change):	19 June 2019	(Granted Date: 13 September 2013)

**Conditions of Consent**

Consent Granted:	To discharge cleanfill onto and into land, where contaminants may enter an unnamed tributary of the Kurapete Stream
Expiry Date:	1 June 2027
Review Date(s):	June 2021
Site Location:	31 Lower Dudley Road, Inglewood
Grid Reference (NZTM)	1704663E - 5664476N and 1704666E - 5664336N
Catchment:	Waitara
Tributary:	Manganui Kurapete

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### **Special conditions**

1. The discharge of cleanfill shall only occur in the area shaded on the plans attached as Appendix 1.
2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, “clean fill and inert materials” are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 3) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 2), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
5. The exercise of this consent shall not result in contaminants being directly discharged to water
6. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. Installing silt retention structures in accordance with Guidelines for Earthworks in the Taranaki region, by the Taranaki Regional Council, will achieve compliance with this condition.
7. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area.
8. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.

## Consent 9680-1.1

9. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and re-vegetated in manner that ensures the area drains freely and that stormwater infiltration into the filled area is minimised.
10. This consent shall lapse on 30 September 2018, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
11. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2015 and/or June 2021, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 19 June 2019

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**

**Appendix 1.** Updated plan showing areas permitted to be filled (outlined in red)



**Land Use Consent**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: A & A George Family Trust  
(Trustees: Aaron Robert & Allana Jane George)  
PO Box 35  
Inglewood 4347

Decision Date 19 June 2019

Commencement Date 19 June 2019

**Conditions of Consent**

Consent Granted: To install piping in a section of an unnamed tributary of the Kurapete Stream, including associated stream bed disturbance and reclamation

Expiry Date: 1 June 2033

Review Date(s): June 2021, June 2027

Site Location: 31 Lower Dudley Road, Inglewood

Grid Reference (NZTM) Between 1704630E- 5664488N and 1704677E-5664569N

Catchment: Waitara

Tributary: Manganui  
Kurapete

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*



### General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### Special conditions

1. This consent authorises the laying of piping and subsequently filling the piped reach in approximately 83 metres of stream bed between approximate grid references (NZTM) 1704630E- 5664488N and 1704677E-5664569N, in accordance with the details provided with the application. In the case of any contradiction between the application details and the conditions of this consent, the conditions of this consent shall prevail.
2. The piping shall have diameter of no less than:
  - (a) 300 mm for the entire length of piping in the stream bed; and
  - (b) two 150 mm of 65 metres long slotted drainage pipe.
3. The piping shall be maintained to ensure it does not become blocked, and at all times, allow the free flow of water through.
4. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 2 working days prior to commencement of the works. Notification shall include the consent number and a brief description of the activity consented and be emailed to [worknotification@trc.govt.nz](mailto:worknotification@trc.govt.nz).
5. To remedy and mitigate the adverse environmental effects of this consent, the consent holder shall make a single payment of \$2490 (plus GST) to the Taranaki Regional Council as a financial contribution for the purpose of enhancing habitat in wetlands and small streams. The payment shall be made before 31 August 2019.
6. A layer of rock riprap 600 mm thick shall be installed in the stream bed. The riprap shall extend, at a minimum, 2.5 metres downstream of the pipe outlet. The rock shall have the following grading:
  - (a) 100% less than 400 mm diameter;
  - (b) 50% greater than 300 mm diameter;
  - (c) 90% greater than 150 mm diameter.
7. The consent holder shall take all practicable steps to minimise sedimentation and increased turbidity of the stream during installation of the piping, including by:
  - (a) completing all works in the minimum time practicable;
  - (b) avoiding placement of excavated material in the flowing channel; and
  - (c) keeping machinery out of the actively flowing channel, as far as practicable.
8. No vegetation shall be buried within 20 metres of the piped stream.



9. All earthwork areas shall be stabilised as soon as is practicable immediately following completion of soil disturbance activities.

*Note: For the purpose of this condition "stabilised" in relation to any site or area means inherently resistant to erosion or rendered resistant, such as by using indurated rock or by the application of basecourse, colluvium, grassing, mulch, or another method to the reasonable satisfaction of the Chief Executive, Taranaki Regional Council and as specified in Taranaki Regional Council's Guidelines for Earthworks in the Taranaki Region, 2006. Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by an Investigating Officer, Taranaki Regional Council, an 80% vegetative cover has been established.*

10. In the event that any archaeological remains are discovered as a result of works authorised by this consent, the works shall cease immediately at the affected site and tangata whenua and the Chief Executive, Taranaki Regional Council, shall be notified within one working day. Works may recommence at the affected area when advised to do so by the Chief Executive, Taranaki Regional Council. Such advice shall be given after the Chief Executive has considered: tangata whenua interest and values, the consent holder's interests, the interests of the public generally, and any archaeological or scientific evidence. The New Zealand Police, Coroner, and Historic Places Trust shall also be contacted as appropriate, and the works shall not recommence in the affected area until any necessary statutory authorisations or consents have been obtained.
11. This consent shall lapse on 30 June 2024, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
12. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2021 and/or June 2027, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 19 June 2019

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**



**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Mr Allan Edward Riddick  
PO Box 830  
Taranaki Mail Centre  
New Plymouth 4340

Decision Date: 15 December 2014

Commencement Date: 15 December 2014

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 01 June 2032

Review Date(s): June 2020, June 2026

Site Location: 496 Carrington Road, New Plymouth

Legal Description: Lot 2 DP 15138 Blk IX Paritutu SD

Grid Reference (NZTM) 1693888E-5671831N

Catchment: Huatoki

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### **Special conditions**

1. The discharge of cleanfill shall only occur in the shaded area identified on the plan attached as Appendix 1.
2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, “clean fill and inert materials” are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), cured asphalt, non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 3) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 2), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
5. The discharge to land shall not result in any solid contaminant entering surface water or groundwater.
6. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. Installing silt retention structures in accordance with Guidelines for Earthworks in the Taranaki region, by the Taranaki Regional Council, will achieve compliance with this condition.
7. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area to the satisfaction of the Chief Executive, Taranaki Regional Council.
8. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.

## Consent 3977-4.0

9. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and re-vegetated to the satisfaction of the Chief Executive, Taranaki Regional Council.
10. This consent shall lapse on 31 December 2019, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
11. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and/or June 2026, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 15 December 2014

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**

Appendix 1  
Area where the discharge of cleanfill is permitted



**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Barry John & Lynette Betty Bishop  
132 Ahuahu Road  
R D 4  
NEW PLYMOUTH

Decision Date: 4 April 2013

Commencement Date: 4 April 2013

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 1 June 2031

Review Date(s): June 2019, June 2025

Site Location: 132 Ahuahu Road, Oakura

Legal Description: Lot 3 DP 452194 (Discharge source & site)

Grid Reference (NZTM) 1680523E-5667339N

Catchment: Waimoku

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council [the Council] all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act.

### **Special conditions**

1. The discharge of cleanfill shall only occur in the area shaded on the plan attached (appendix 1).
2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, “clean fill and inert materials” are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 3) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 2), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
5. The discharge to land shall not result in any contaminant entering surface water or groundwater.
6. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. Installing silt retention structures in accordance with Guidelines for Earthworks in the Taranaki region, by the Taranaki Regional Council, will achieve compliance with this condition.
7. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area to the satisfaction of the Chief Executive, Taranaki Regional Council.
8. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.



## Consent 5877-2

9. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and re-vegetated to the satisfaction of the Chief Executive, Taranaki Regional Council.
10. This consent shall lapse on 30 June 2018, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
11. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2019 and/or June 2025, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 4 April 2013

For and on behalf of  
Taranaki Regional Council

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**Chief Executive**

**Appendix 1**



**Figure 1** Area where the discharge of cleanfill is permitted.

**Land Use Consent**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Barry John & Lynette Betty Bishop  
120 Ahu Ahu Road  
RD 4  
New Plymouth 4374

Decision Date 14 June 2019

Commencement Date 14 June 2019

**Conditions of Consent**

Consent Granted: To reclaim a stream by the ongoing use of existing piping in the headwaters of an unnamed tributary of the Waimoku Stream for cleanfilling activities

Expiry Date: 1 June 2037

Review Date(s): June 2025, June 2031

Site Location: 123 Ahu Ahu Road, Kaitake

Grid Reference (NZTM) 1680438E-5667279N

Catchment: Waimoku

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

**General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

**Special conditions**

1. This consent authorises the reclamation of approximately 70 metres of stream bed by pipe existing at the time this consent is issued.
2. The piping shall remain the responsibility of the consent holder and be maintained so that:
  - a) it does not become blocked, and at all times allows the free flow of water through it; and
  - b) the consent holder repairs any erosion, scour or instability of the stream bed or banks that the piping causes.
3. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2025 and June 2031 for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 14 June 2019

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**

**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Denis Wheeler Earthmoving Limited  
PO Box 9013  
New Plymouth 4351

Decision Date: 8 March 2016

Commencement Date: 8 March 2016

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 1 June 2032

Review Date(s): June 2020, June 2026

Site Location: Paraite Road, Bell Block

Grid Reference (NZTM) 1700566E-5676542N

Catchment: Mangati

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### **Special conditions**

1. The discharge of cleanfill shall only occur in the shaded area identified on the plan attached as Appendix 1.
2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, “clean fill and inert materials” are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), cured asphalt, non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 3) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 2), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
5. The discharge to land shall not result in any solid contaminant entering surface water or groundwater.
6. The consent holder shall keep a record of the material discharged at the site. This record shall be maintained and made available to the Chief Executive, Taranaki Regional Council on request. The record kept shall include as a minimum:
  - a description of material received;
  - the source of material, including the location details;
  - the total volume (or truck loads) of the material;
  - name, address and other contact details of the ‘Discharger’; and
  - the date and period of discharge.
7. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. Installing silt retention structures in accordance with *Guidelines for Earthworks in the Taranaki region*, by the Taranaki Regional Council, will achieve compliance with this condition.

8. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area to the satisfaction of the Chief Executive, Taranaki Regional Council.
9. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.
10. The consent holder shall ensure that exposed surfaces of the discharge area are progressively capped upon completion of each discharge activity and following the filing of the entire discharge area. The fill cap shall:
  - have a minimum layer of compacted clay, at least 300 mm thick and shall be covered with topsoil, no less than 100 mm thick;
  - be contoured to prevent ponding and promote runoff from the fill cap area; and
  - be stabilised and vegetated in a manner that withstands subsidence erosion or scouring.
11. This consent shall lapse on 31 March 2021, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
12. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and/or June 2026, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 8 March 2016

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**

*Advice Note (included at the request of DITAG)*

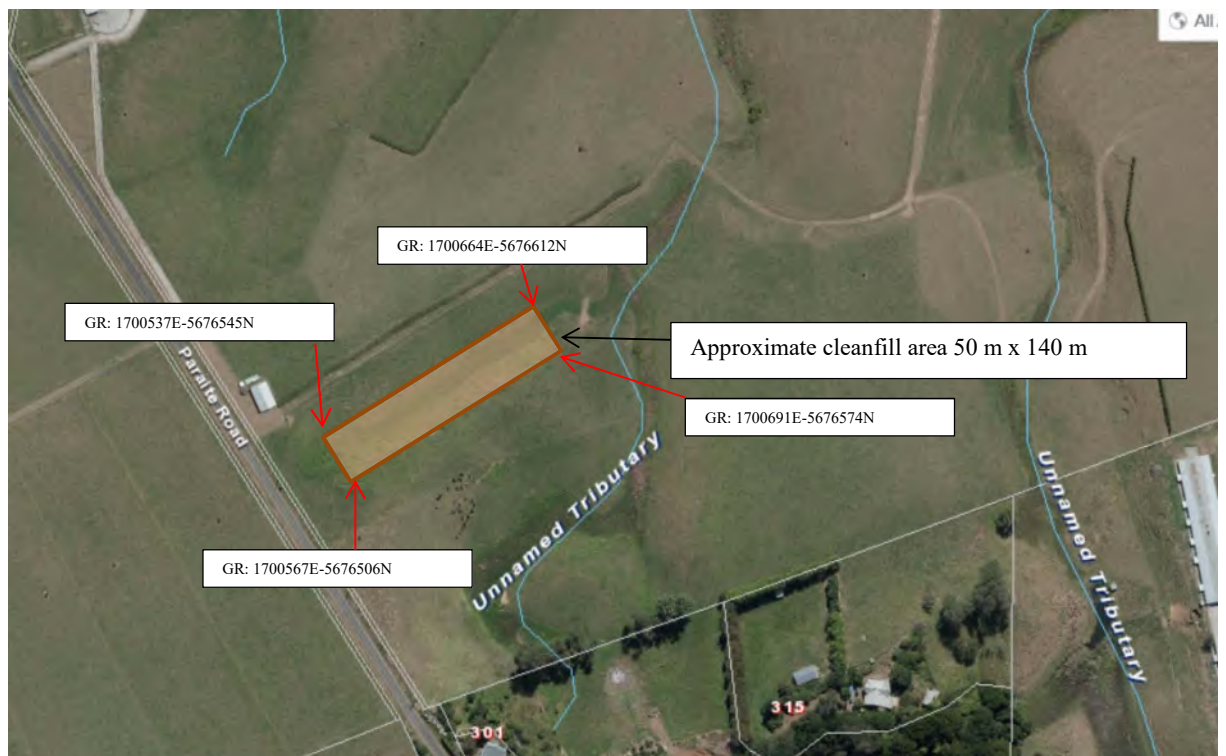
*The consent holder's attention is drawn to MPI's "New Zealand Code of Practice for the Design and Operation of Farm Dairies (NZCP1) which restricts:*

- The discharge of specified wastes to land used for grazing of milking animals; and*
- The use of feed from land which has had specified wastes applied to it.*

*Should you require further information, please contact a Dairy Industry Technical Advisory Group (DITAG) representative or visit <http://www.foodsafety.govt.nz/elibrary/industry/dairy-nzcp1-design-code-of-practice/amdt-2.pdf> (specifically section 6.4 Disposal of effluent and other wastes and section 7.8 Purchased Stock Food) or contact an operation dairy processing company regarding conditions of supply.*

## Appendix 1

### Area where the discharge of cleanfill is permitted





**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Downer NZ Limited  
PO Box 272  
New Plymouth 4340

Decision Date: 6 May 2013

Commencement Date: 6 May 2013

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land, where  
contaminants may enter water, including associated stream  
bed reclamation

Expiry Date: 1 June 2032

Review Date(s): June 2020, June 2026

Site Location: 195A Dorset Road, New Plymouth

Legal Description: Lot 1 DP 415473 (Discharge site)

Grid Reference (NZTM) 1698416E-5674087N

Catchment: Waiwhakaiho

Tributary: Mangaone  
Manganaha

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### **Special conditions**

1. At least 7 working days prior to the commencement of works the consent holder shall notify the Taranaki Regional Council of the proposed start date for the work. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to [worknotification@trc.govt.nz](mailto:worknotification@trc.govt.nz).
2. The discharge of cleanfill shall only occur in the area shaded on the plan attached.
3. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, "clean fill and inert materials" are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 2) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
4. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 3), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 3, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
5. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
6. The discharge to land shall not result in any contaminant entering surface water or groundwater.
7. All run off from any area of exposed soil shall pass through settlement ponds or sediment traps with a minimum total capacity of:
  - a) 100 cubic metres for every hectare of exposed soil between 1 November to 30 April; and
  - b) 200 cubic metres for every hectare of exposed soil between 1 May to 31 October;unless other sediment control measures that achieve an equivalent standard are agreed to by the Chief Executive of the Taranaki Regional Council.

## Consent 9532-1

8. The discharge site shall be stabilised vegetatively or otherwise as soon as is practicable and no longer than 6 months after completion of the cleanfill discharge authorised by this consent.
9. The obligation described in condition 8 above shall cease to apply, and accordingly the erosion and sediment control measures may be removed, in respect of any particular area only when the site is stabilised.

*Note: For the purpose of conditions 8 and 9 'stabilised' in relation to any site or area means inherently resistant to erosion or rendered resistant, such as by using rock or by the application of basecourse, colluvium, grassing, mulch, or another method to the reasonable satisfaction of the Chief Executive, Taranaki Regional Council and as specified in the Taranaki Regional Council's Guidelines for Earthworks in the Taranaki Region, 2006. Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by an officer of the Taranaki Regional Council, an 80% vegetative cover has been established.*

10. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.
11. This consent shall lapse on 30 June 2018, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
12. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2022 and/or June 2026, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Transferred at Stratford on 1 April 2016

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**



Map showing the extent of cleanfill discharge.

**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Downer NZ Limited  
P O Box 272  
NEW PLYMOUTH 4340

Decision Date: 13 May 2014

Commencement Date: 13 May 2014

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 1 June 2032

Review Date(s): June 2020, June 2026

Site Location: 82 Veale Road, Frankleigh Park

Legal Description: Lot 1 DP 12685 & Pt Sec 495 Grey Dist Blk IX Paritutu SD  
(Discharge site)

Grid Reference (NZTM) 1692808E-5671860N

Catchment: Huatoki

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### **Special conditions**

1. The discharge of cleanfill shall only occur in the area shaded on the plan attached (appendix 1).
2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, “clean fill and inert materials” are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 3) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 2), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
5. The discharge to land shall not result in any solid contaminant entering surface water or groundwater.
6. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. Installing silt retention structures in accordance with Guidelines for Earthworks in the Taranaki region, by the Taranaki Regional Council, will achieve compliance with this condition.
7. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area.
8. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.

## Consent 5213-2.0

9. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and re-vegetated to minimise erosion and stormwater infiltration into the filled area.
10. This consent shall lapse on 30 June 2019, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
11. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 and/or June 2026, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 13 May 2014

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director-Resource Management**

## Appendix 1



**Figure 2** Area where the discharge of cleanfill is permitted.



**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Downer EDI Works Limited  
P O Box 384  
HAWERA 4640

Decision Date (Change): 19 July 2013

Commencement Date 19 July 2013 (Granted: 11 October 2006)  
(Change):

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 1 June 2022

Review Date(s): June 2016

Site Location: 461A & 421 South Road, Hawera

Legal Description: Lot 2 DP 443795 & Lot 2 DP 13805 Blk X Hawera SD  
(Discharge sites)

Grid Reference (NZTM) 1713092E-5615228N

Catchment: Tangahoe

Tributary: Tawhiti

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General conditions**

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
  - i) the administration, monitoring and supervision of this consent; and
  - ii) charges authorised by regulations.

### **Special conditions**

- 1. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to prevent or minimise any adverse effects on the environment from the exercise of this consent.
- 2. The exercise of this consent shall be limited to the red and green areas on the attached plan.
- 3. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least seven days prior to the exercise of this consent.
- 4. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, "clean fill and inert materials" are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to conditions 5 & 12) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
- 5. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 4), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 4, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
- 6. When dried silt from the water treatments plants is to be disposed of at the site, the consent holder shall spread the material as thinly as possible and mix it in with other cleanfill material as far as practicable.

## Consent 6964-1

7. A maximum volume of 350 cubic metres of dried silt can be applied to the cleanfill site per year.
8. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Chief Executive, Taranaki Regional Council, prior to its discharge.
9. The consent holder shall install and maintain silt retention structures to the satisfaction of the Chief Executive, Taranaki Regional Council.
10. The consent holder shall install and maintain stormwater diversion drains to the satisfaction of the Chief Executive, Taranaki Regional Council.
11. The consent holder shall ensure that the final contours of the filled area allow for stormwater to flow away the site and allow for secondary flow paths for any overflow from Flemings pond.
12. With three months of granting of this consent the consent holder shall prepare, maintain, and comply with a site contingency plan and a site management plan to the satisfaction of the Chief Executive, Taranaki Regional Council.
13. This consent shall lapse on the expiry of five years after the date of issue of this consent, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
14. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2008 and/or June 2010 and/or June 2016, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.
15. The discharge to land shall not result in any contaminant entering surface water or groundwater.

Signed at Stratford on 19 July 2013

For and on behalf of  
Taranaki Regional Council

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**Director-Resource Management**

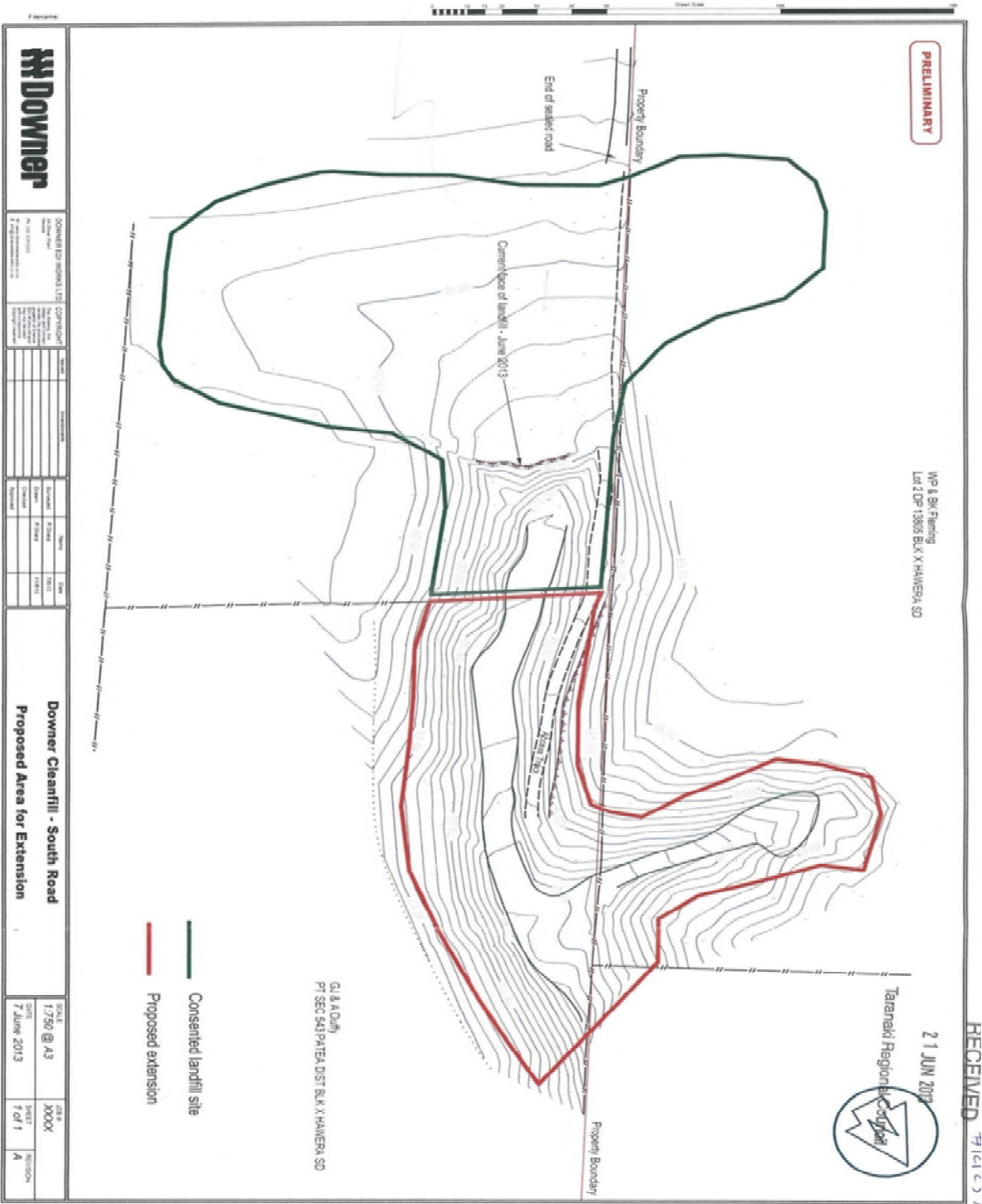


Figure 1 Plan of area permitted to be filled

**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Gas & Plumbing Ltd  
P O Box 457  
NEW PLYMOUTH 4340

Decision Date: 12 October 2007

Commencement  
Date: 12 October 2007

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land in the vicinity of an unnamed tributary of the Mangaone Stream at or about (NZTM) 1696713E-5676599N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: 56 Colson Road, New Plymouth

Legal Description: Lot 1 DP 317882

Catchment: Waiwhakaiho

Tributary: Mangaone

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
  - i) the administration, monitoring and supervision of this consent; and
  - ii) charges authorised by regulations.

### Special conditions

- 1. The discharge of cleanfill shall only occur in the area shaded on the plan attached.
- 2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, "clean fill and inert materials" are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 3) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
- 3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 2), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
- 4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
- 5. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. Installing silt retention structures in accordance with *Guidelines for Earthworks in the Taranaki region*, by the Taranaki Regional Council, will achieve compliance with this condition.

## Consent 7165-1

6. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area.
7. Notwithstanding any conditions within this consent, the consent holder shall at all times adopt the best practicable option or options [as defined in section 2 of the Resource Management Act 1991] to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.
8. Upon completion of the works associated with the exercise of this consent, the discharge site covered by this consent shall be stabilised and revegetated.
9. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2014 and/or June 2020, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Transferred at Stratford on 8 August 2012

For and on behalf of  
Taranaki Regional Council

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**Director-Resource Management**





**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Smudgy Developments  
Nathan & Karen Stacey Mumby  
PO Box 1095  
New Plymouth 4340

Decision Date 13 June 2019

Commencement Date 13 June 2019

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 1 June 2032

Review Date(s): June 2020, June 2022, June 2024,  
June 2026, June 2028, June 2030

Site Location: 361 Tukapa Street, Hurdon

Grid Reference (NZTM) 1691426E-5672478N

Catchment: Huatoki

Tributary: Waimea

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### Special conditions

1. The exercise of this consent shall be undertaken in general accordance with the information provided in support of the original application for this consent. Where there is conflict between the application and consent conditions the conditions shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 7 days prior to commencement of any works. Notification shall include the consent number, a brief description of the activity consented, and the intended commencement date. It shall be served by email to [worknotification@trc.govt.nz](mailto:worknotification@trc.govt.nz) unless the Chief Executive advises that an alternative electronic method of service is required.
3. The discharge of cleanfill shall only occur in the area identified on the attached plan (Appendix 1).
4. Subject to condition 6, the contaminants to be discharged shall be limited to:
  - sand, soil and clays;
  - gravel, shingle, stones;
  - bricks and mortar;that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
5. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation, textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products, any poisons or solvents or their containers, batteries, general domestic refuse, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
6. No material originating from activities described in Appendix C: Hazardous Activities and Industries List (HAIL) of the *User's Guide: NES for Assessing and Managing Contaminants in Soil to Protect Human Health*<sup>1</sup> or subsequent documents, shall be discharged without confirmation from the Chief Executive, Taranaki Regional Council, that the material is uncontaminated.

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<sup>1</sup> Ministry for the Environment (2012)  
Page 2 of 5

7. The consent holder shall keep a record of the material discharged at the site. This record shall be made available to the Chief Executive, Taranaki Regional Council on request. The record kept shall include as a minimum:
  - a description of material received;
  - the source of the material, including the location details;
  - the total volume (or truck loads) of the material;
  - name, address and other contact details of the 'Discharger'; and
  - the date and period of discharge.
8. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.
9. The consent holder shall ensure that the only source of water entering the fill site is that of direct rainwater and the fill is isolated from any stormwater infiltration from the immediate catchment area.
10. The consent holder shall take all reasonable and necessary steps to minimise effects of the activity on water, including, but not limited to, the following:
  - installation and maintenance of diversion drains and retention devices to minimise stormwater infiltration into the filled area;
  - installation and maintenance of sediment settling/maturation pond to ensure any discharges from the site do not exceed a suspended solids concentration of 100 g/m<sup>3</sup>; and
  - placing interim cover of 100 mm of compacted clay on any exposed fill during periods of inactivity no more than 1 month.
11. The consent holder shall ensure that the diversion drains and retention devices required by condition 10 and any unstabilised and unvegetated areas, are fenced to exclude stock.
12. The consent holder shall progressively cap exposed surfaces of the discharge area to ensure there is no more than 1/3 ha of unstabilised and unvegetated fill at any one time. The fill cap shall:
  - have a minimum layer of compacted clay, at least 300 mm thick and shall be covered with topsoil, no less than 100 mm thick;
  - be contoured to prevent ponding and promote runoff from the fill cap area; and
  - be stabilised and vegetated in a manner that withstands subsidence, erosion or scouring.
13. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and re-vegetated in accordance with special condition 12.
14. This consent shall lapse on 30 June 2024, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.

15. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2020 then every 2 years thereafter, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 13 June 2019

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**

## Appendix 1 - Cleanfill discharge area





**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Taranaki Civil Construction Limited

Decision Date: 4 March 2022

Commencement Date: 4 March 2022

**Conditions of Consent**

Consent Granted: To discharge cleanfill into and onto land and discharge stormwater and sediment into and onto land where stormwater and sediment may enter water

Expiry Date: 1 June 2032

Review Date(s): June 2023, June 2025, June 2027, June 2029, June 2031

Site Location: 492 & 496 Carrington Road, Hurworth

Grid Reference (NZTM) 1693860N – 5672082E

Catchment: Huatoki

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### Special conditions

1. That the activity be in general accordance with the application received by the Taranaki Regional Council (the Council) on 11 February 2022 and the plans and all other information submitted in support of the application and held under Council consent file 10990-1.0 and 11002-1.0 except where changes are required by conditions below. Where there is conflict between the application and consent conditions the conditions shall prevail.
2. The consent holder shall notify the Chief Executive, Taranaki Regional Council, in writing at least 7 days prior to commencement of any works. Notification shall include the consent number, a brief description of the activity consented, and the intended commencement date. Notification shall be served via the “notification of work” form on the Council’s Website (<http://bit.ly/TRCWorkNotificationForm>)
3. The discharge of cleanfill shall only occur in the area identified on the attached plan (Appendix 1) and under Council Document #3002280.
4. The site shall be managed in accordance with the construction management plan dated 10 February 2022 or subsequent plan, offering no lesser level of environmental protection, and approved by the Chief Executive Taranaki Regional Council acting in a certification capacity.

*Note: The applicant’s construction management plan can be found under Council document number #3002210.*

5. Subject to condition 6, the contaminants to be discharged shall be limited to uncontaminated:
  - sand, soil and clays;
  - roading aggregate;
  - gravel, shingle, stones;
  - bricks and mortar;
  - concrete containing no exposed metal

that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.



6. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation, textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products, any poisons or solvents or their containers, batteries, general domestic refuse, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
7. No material originating from activities described in Appendix C: Hazardous Activities and Industries List (HAIL) of the User's Guide: NES for Assessing and Managing Contaminants in Soil to Protect Human Health<sup>1</sup> or subsequent documents, shall be discharged without confirmation from the Chief Executive, Taranaki Regional Council, that the material is uncontaminated.
8. The consent holder shall keep a record of the material discharged at the site. This record shall be made available to the Chief Executive, Taranaki Regional Council on request. The record kept shall include as a minimum:
  - a) a description of material received;
  - b) the source of the material, including the location details;
  - c) the total volume (or truck loads) of the material;
  - d) name, address and other contact details of the 'Discharger'; and
  - e) the date and period of discharge.
9. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.
10. The consent holder shall take all reasonable and necessary steps to minimise effects of the activity on water, including, but not limited to, the following:
  - a) installation and maintenance of diversion drains and retention devices to minimise stormwater infiltration into the filled area;
  - b) placing interim cover of 100 mm of compacted clay on any exposed fill during periods of inactivity more than two weeks.
11. The consent holder shall progressively cap exposed surfaces of the discharge area to ensure there is no more than 1/3 ha of unstabilised and unvegetated fill at any one time. The fill cap shall:
  - a) have a minimum layer of compacted clay, at least 300 mm thick and shall be covered with topsoil, no less than 100 mm thick;
  - b) be contoured to prevent ponding and promote runoff from the fill cap area; and
  - c) be stabilised and vegetated in a manner that withstands subsidence, erosion or scouring. Stabilisation shall be as per the requirement of condition 14 and 15

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<sup>1</sup> Ministry for the Environment (2012)

12. The consent holder shall, prior to discharge of fill commencing, submit to the Taranaki Regional Council "As Built Certification Statements" signed by an appropriately qualified and experienced professional, certifying that the sediment retention ponds have been constructed in accordance with the certified Erosion and Sediment Control Plan (ESCP). Information contained in the certification statement shall include at least the following:

- a) confirmation of contributing catchment areas;
- b) the location, capacity and design of the structure;
- c) position of inlets and outlets; and
- d) any other relevant matter

As Built Certification Sheets can be found here:

<https://www.waikatoregion.govt.nz/services/regional-services/consents/resource-consents/more-information-and-tools/earthworks/guidelines-factsheets-and-as-built-certification-sheets/>

13. The consent holder shall ensure that stormwater flow paths, erosion and sediment controls, and any unstabilised and unvegetated areas, are fenced to exclude stock.
14. The consent holder must progressively stabilise, re-contour and re-vegetate any disturbed areas to minimise sediment runoff and erosion until the site has been stabilised in accordance with the measures detailed in the Waikato Regional Council document titled "*Erosion and Sediment Control – Guidelines for Soil Disturbing Activities*", as soon as practically possible and within a period not exceeding two weeks after completion the discharge authorised by this consent authorised by this resource consent.
15. Stabilisation must be undertaken by providing adequate measures (vegetative and/or structural) that will immediately stabilise disturbed areas, and will minimise sediment runoff and erosion to the satisfaction of the Chief Executive Taranaki Regional Council acting in a technical certification capacity. The Consent Holder must monitor and maintain the site until vegetation is established to such an extent that it prevents erosion and prevents sediment from entering any water body.
16. Erosion and sediments control measures shall not be removed until the area that the control measure is treating has been adequately stabilised to the satisfaction of the Chief Executive Taranaki Regional Council acting in a technical certification capacity.
17. No more than 20,000 m<sup>3</sup> of cleanfill may be discharged into the proposed fill area depicted in the contour map shown in (Appendix I) and under Council Document #3003068.
18. The depth of fill shall not exceed 4 metres. This does not include the fill cap.
19. Any areas of ponding from stormwater detention by the *Initial Decanting Earth Pond* and *Decanting Earth Pond* proposed in the applicants Erosion and Sediment Control Plan must be fully lined with an impermeable liner.

*Note: The applicants ESCP can be found under Council document number #3002215.*

20. The site shall be managed and any stormwater treated in general accordance with the Soil Erosion and Sediment Control Plans submitted to Council on 11 February 2022 or subsequent plan, offering no lesser level of environmental protection, and approved by the Chief Executive Taranaki Regional Council acting in a certification capacity.

*Note: The applicants ESCP can be found under Council document number #3002215.*

21. The stormwater discharged shall be from an area not exceeding 0.5 ha located on the land area identified on the attached plan (Appendix I) and under Council Document #3003068.
22. Constituents of the discharge shall meet the standards shown in the following table:

Constituent	Standard
pH	Within the range 6.0 to 9.0
Suspended solids	Concentration not greater than 100 gm <sup>-3</sup>
Oil and grease	Concentration not greater than 15 gm <sup>-3</sup>
Chloride	Concentration not greater than 50 gm <sup>-3</sup>

These standards shall apply before entry of the treated stormwater into the natural wetland depicted in Appendix 1, at a designated sampling point approved by the Chief Executive, Taranaki Regional Council.

23. From 1 June 2022 the consent holder shall ensure that there is always clear and safe all-weather access to a point where the discharge can be sampled to check compliance with condition 22 above.
24. The discharge shall not, either by itself or in combination with other discharges, give rise to any or all of the following effects in the receiving water:
- a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
  - b) any conspicuous change in the colour or visual clarity;
  - c) any emission of objectionable odour;
  - d) the rendering of fresh water unsuitable for consumption by farm animals;
  - e) any significant adverse effects on aquatic life.

No ecological or water quality degradation to the natural wetland (depicted in Appendix II) shall occur as a result of this consent.

25. By 1 June 2022 the consent holder shall maintain and regularly update a 'Contingency Plan' that details measures and procedures that will be undertaken to prevent, and to avoid environmental effects from, a spillage or any discharge of contaminants not authorised by this consent. The plan and any amended versions shall be provided to the Chief Executive, Taranaki Regional Council.
26. This consent lapses 5 years after its commencement date (shown on the front of this document), unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period in accordance with section 125(1)(b) of the Resource Management Act 1991.

27. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2023 then every 2 years thereafter, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 4 March 2022

For and on behalf of  
Taranaki Regional Council



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A D McLay  
**Director - Resource Management**

Appendix I - Cleanfill discharge area



## Appendix 1 – Natural wetland to the north of the activity site



**Land Use Consent**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Taranaki Trucking Company Limited  
Cardiff Road  
R D 21  
STRATFORD

Consent Granted  
Date: 20 February 2004

**Conditions of Consent**

Consent Granted: To erect, place and maintain a culvert in the headwaters of an unnamed tributary of the Waingongoro River to prevent cleanfill contamination of the stream at or about GR: Q20:158-043

Expiry Date: 1 June 2017

Review Date(s): June 2005, June 2011

Site Location: Cardiff Road, Cardiff, Stratford

Legal Description: Lot 1 DP 369 Pt Sec 20 Blk IV Kaupokonui SD

Catchment: Waingongoro

## Consent 6280-1

### General conditions

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
  - i) the administration, monitoring and supervision of this consent; and
  - ii) charges authorised by regulations.

### Special conditions

- 1. The exercise of this resource consent shall be undertaken generally in accordance with the documentation submitted in support of application 2821. In the case of any contradiction between the documentation submitted in support of application 2821 and the conditions of this resource consent, the conditions of this resource consent shall prevail.
- 2. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to prevent or minimise any adverse effects on the environment from the exercise of this resource consent.
- 3. This resource consent shall lapse on the expiry of five years after the date of issue of this resource consent, unless the resource consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
- 4. The consent holder shall notify the Chief Executive, Taranaki Regional Council in writing at least 48 hours prior to the commencement and upon completion of the initial installation and again at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the river bed or discharges to water.
- 5. The consent holder shall ensure that the structure[s] authorised by this consent is free of debris, sediment and obstacles that may impede flow, at all times, as far as is practicable.
- 6. The structure[s] authorised by this consent shall be removed and the area reinstated, if and when the structure[s] are no longer required. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to structure[s] removal and reinstatement.
- 7. The consent holder shall ensure that the area and volume of riverbed disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practicable, be reinstated.
- 8. The consent holder shall pipe the small stream at the site using a pipe with a diameter of not less than 9 inches [22.5 cm] to ensure that any future clean-fill or associated inert material placed in the gully does not contaminate the stream.



## Consent 6280-1

9. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2005 and/or June 2011, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 20 February 2004

For and on behalf of  
Taranaki Regional Council

---

**Director-Resource Management**



**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: Taranaki Trucking Company Limited  
Cardiff Road  
R D 21  
STRATFORD

Review Completed 20 February 2004 [Granted: 1 November 1999]  
Date:

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River at or about GR: Q20:158-043

Expiry Date: 1 June 2017

Review Date(s): June 2005, June 2011

Site Location: Cardiff Road, Cardiff, Stratford

Legal Description: Lot 1 DP 369 Pt Sec 20 Blk IV Kaupokonui SD

Catchment: Waingongoro

**General conditions**

- a) On receipt of a requirement from the Chief Executive, Taranaki Regional Council the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) Unless it is otherwise specified in the conditions of this consent, compliance with any monitoring requirement imposed by this consent must be at the consent holder's own expense.
- c) The consent holder shall pay to the Council all required administrative charges fixed by the Council pursuant to section 36 in relation to:
  - i) the administration, monitoring and supervision of this consent; and
  - ii) charges authorised by regulations.

**Special conditions**

- 1. The exercise of this consent shall be carried out in general accordance with the information submitted in support of the application.
- 2. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, "clean fill and inert materials" are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
- 3. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes containing green vegetation, textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 2, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
- 4. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
- 5. The discharge to land shall not result in any contaminant entering surface water.
- 6. Silt retention structures shall be installed and maintained to the satisfaction of the Chief Executive, Taranaki Regional Council.
- 7. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater movement across, or ponding on the site, to the satisfaction of the Chief Executive, Taranaki Regional Council.
- 8. Notwithstanding any conditions within this consent, the consent holder shall at all times adopt the best practicable option as defined in Section 2 of the Resource Management Act 1991, to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.
- 9. Upon completion of the works associated with the exercise of this consent, the discharge site covered by this consent shall be stabilised and revegetated to the satisfaction of the Chief Executive, Taranaki Regional Council.

## Consent 5561-1

10. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2005 and June 2011, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 20 February 2004

For and on behalf of  
Taranaki Regional Council

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**Director-Resource Management**



**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: TPJ Partnership  
(Philip John & Tanya Nixon)  
136 Rainie Road  
RD 11  
Hawera 4671

Decision Date  
(Change): 6 November 2020

Commencement Date  
(Change): 6 November 2020 (Granted Date: 26 January 2016)

**Conditions of Consent**

Consent Granted: To discharge cleanfill and inert materials onto and into land,  
where contaminants may enter into an unnamed tributary of  
the Inaha Stream

Expiry Date: 1 June 2035

Review Date(s): June annually

Site Location: 30 Rainie Road, Okaiawa

Grid Reference (NZTM) 1701472E–5619162N  
Between 1701203E–5619066N & 1701547E–5619191N;  
Between 1701087E–5619299N & 1701111E–5619164N;  
and 1701203E–5619711N

Catchment: Inaha

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### General condition

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### Special conditions

1. At least 7 working days prior to the commencement of the fill operation, the consent holder shall notify the Taranaki Regional Council of the proposed start date for the work. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to [worknotification@trc.govt.nz](mailto:worknotification@trc.govt.nz).
2. The discharge of cleanfill shall only occur in the area shaded on the plan attached.
3. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, "clean fill and inert materials" are defined as materials consisting of any concrete, reinforced concrete with no protruding steel, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fiberglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 4) that when placed onto and into land will not render that land or any vegetation grown on than land toxic to vegetation or animals consuming vegetation.

*Advice Note: for the avoidance of doubt, sand, soils and clays include dewatered sand, soils and clays, not sourced from HAIL sites, as described in the email from Kathryn Hooper (Landpro Limited) to Kathleen Hudson (TRC), dated 29 October 2020, Council document reference 2628101.*

4. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as under condition 3), textiles, steel (other than reinforcing steel fully encased in concrete as permitted under condition 3), metals, painted materials containing lead-based paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 3, any poisons or solvents or their containers, batteries, general domestic reuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
5. No painted material shall be discharged unless testing has shown it to be free of lead.
6. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Chief Executive, Taranaki Regional Council, prior to its discharge.



7. The consent holder shall notify the Chief Executive, Taranaki Regional Council at least 2 working days prior to the discharge of any material other than virgin excavated material. Notification shall be via the “notification of work” form on the Council’s Website (<http://bit.ly/TRCWorkNotificationForm>) and shall include as a minimum:
  - (a) the consent number;
  - (b) a detailed description of the nature of the material with reference to the material listed in condition 3 (e.g. timber, painted concrete, cured bitumen, gib);
  - (c) specific advice as to whether or not any painted material is proposed to be discharged;
  - (d) the source of the material;
  - (e) specific advice if the material is sourced from activities described in Appendix C: Hazardous Activities and Industries List (HAIL) of the *User’s Guide: NES for Assessing and Managing Contaminants in Soil to Protect Human Health*<sup>1</sup> or subsequent documents;
  - (f) the volume (or truck loads) of the material expected;
  - (g) name, address and other contact details of the ‘Discharger’s’; and
  - (h) the date and period of discharge.
8. For compliance monitoring purposes, the consent holder shall keep a record of the material discharged at the site. This record shall be maintained and provided to the Chief Executive, Taranaki Regional Council in a form and at a frequency that s/he may request. The record kept shall include as a minimum:
  - (a) the information required to be provided by condition 7 (including information for virgin excavated material);
  - (b) full details of testing for the presence of lead on painted materials, including the:
    - (i) date of the test;
    - (ii) method of testing;
    - (iii) results of the testing;
    - (iv) name of the person who undertook the testing;
  - (c) results and methods used to ensure that any timber or wooden material is untreated and does not contain fillers, sealers or glues.
9. The consent holder shall ensure that the only source of water entering the fill is that of direct rainwater and the fill is isolated from any stormwater infiltration from the immediate catchment area.
10. The consent shall take all reasonable and necessary steps to minimise effects of the activity on water, including, but not limited to, the following:
  - (a) installation and maintenance of diversion drains and retention devices to minimise stormwater infiltration into the filled area;
  - (b) installation of sediment settling/maturation pond to treat discharges to the Inaha Stream tributary; and
  - (c) placing interim cover of 100 mm of compacted clay on any exposed fill during periods of inactivity no more than 1 month.

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<sup>1</sup> Ministry for the Environment (2012)

11. The consent holder shall ensure that exposed surfaces of the discharge area are progressively capped upon completion of each discharge activity and following the filling of the entire discharge area. The fill cap shall:
  - (a) have a minimum layer of compacted clay, at least 300 mm thick and shall be covered with topsoil, no less than 100 mm thick;
  - (b) be contoured to prevent ponding and promote runoff from the fill cap area; and
  - (c) be stabilised and vegetated in a manner that withstands subsidence, erosion or scouring.
12. After allowing for reasonable mixing, at or about approximate grid reference (NZTM) 1701175E-5619050N, the discharge shall not, either by itself or in combination with other discharges, give rise to any or all of the following effects in the receiving water:
  - (a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
  - (b) any conspicuous change in the colour or visual clarity;
  - (c) any emission of objectionable odour;
  - (d) the rendering of fresh water unsuitable for consumption by farm animals;
  - (e) any significant adverse effects on aquatic life.
13. At all times from 31 December 2020, and from the first discharge of any painted material or any concrete containing steel reinforcing, the site shall be operated in accordance with a 'Management Plan' prepared by the consent holder and approved by the Chief Executive, Taranaki Regional Council, acting in a certification capacity. The plan shall detail how the consent holder will manage the site to ensure that compliance with the conditions of this consent is achieved, and it shall include but not be limited to:
  - (a) procedures and practices for ensuring that the consent holder has full knowledge of the types of material discharged;
  - (b) full details of the testing method used to ensure that painted material discharged does not contain lead, including detail of:
    - (i) the specific test used and why it is considered appropriate;
    - (ii) the procedures for sampling and testing;
    - (iii) how the consent holder is informed of the results of testing before it is discharged.
  - (c) procedures and methods used to ensure that any timber or wooden material is untreated and does not contain fillers, sealers or glues.
  - (d) procedures and methods used to ensure wet sand/soil and clay is adequately dewatered including setting and determining the appropriate moisture content.

The consent holder shall review the Management Plan when directed by the Chief Executive, Taranaki Regional Council.

14. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.

## Consent 10202-1.1

15. This consent shall lapse on 31 March 2021, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.
16. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June each year, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 6 November 2020

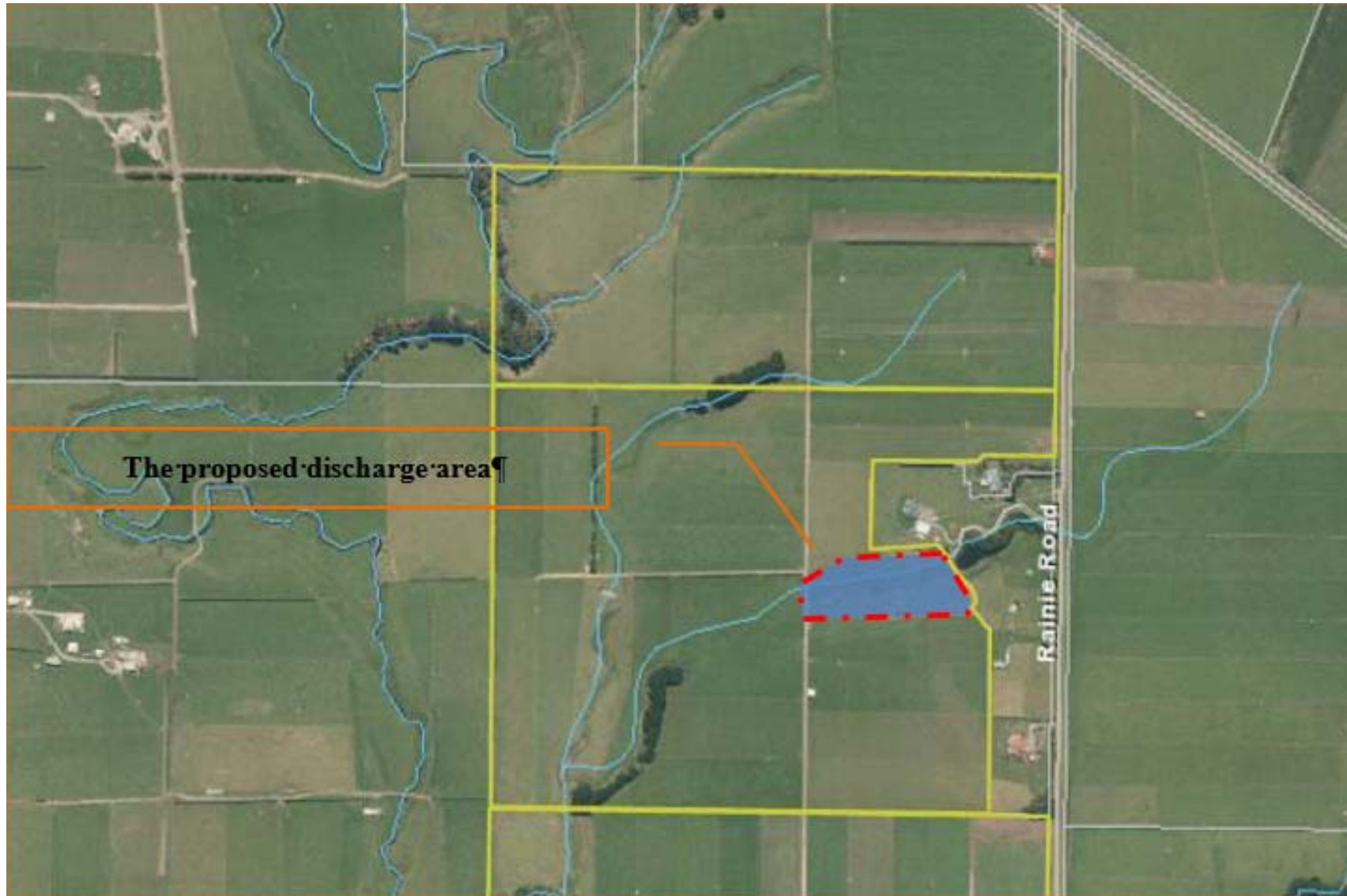
For and on behalf of  
Taranaki Regional Council



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A D McLay  
**Director - Resource Management**

**Appendix A: Location of discharge area**



**Discharge Permit**  
**Pursuant to the Resource Management Act 1991**  
**a resource consent is hereby granted by the**  
**Taranaki Regional Council**

Name of  
Consent Holder: TPJ Partnership  
(Philip John & Tanya Nixon)  
136 Rainie Road  
RD 11  
Hawera 4671

Decision Date: 26 January 2016

Commencement Date: 26 January 2016

**Conditions of Consent**

Consent Granted: To discharge cleanfill and inert materials onto and into land, where contaminants may enter into an unnamed tributary of the Inaha Stream

Expiry Date: 1 June 2035

Review Date(s): June 2017, June 2019, June 2021, June 2023, June 2029

Site Location: 30 Rainie Road, Hawera

Legal Description: Lot 1 DP 19514 Blk VIII Waimate SD (Discharge site)

Grid Reference (NZTM) 1701472E-5619162N

Catchment: Inaha

*For General, Standard and Special conditions  
pertaining to this consent please see reverse side of this document*

### **General condition**

- a. The consent holder shall pay to the Taranaki Regional Council all the administration, monitoring and supervision costs of this consent, fixed in accordance with section 36 of the Resource Management Act 1991.

### **Special conditions**

1. At least 7 working days prior to the commencement of the fill operation, the consent holder shall notify the Taranaki Regional Council of the proposed start date for the work. Notification shall include the consent number and a brief description of the activity consented and shall be emailed to [worknotification@trc.govt.nz](mailto:worknotification@trc.govt.nz).
2. The discharge of cleanfill shall only occur in the area shaded on the plan attached.
3. The contaminants to be discharged shall be limited to cleanfill and/or inert materials. For the purposes of this condition, “clean fill and inert materials” are defined as materials consisting of any concrete, cement or cement wastes, bricks, mortar, tiles (clay, ceramic or concrete), non-tanalised timber, porcelain, glass, gravels, boulders, shingles, fibreglass, plastics, sand, soils and clays, and/or tree stumps and roots, whether singly or in combination or mixture, or any other material (subject to condition 4) that when placed onto and into land will not render that land or any vegetation grown on that land toxic to vegetation or animals consuming vegetation.
4. The discharge of the following contaminants shall not occur: food wastes, paper and cardboard, grass clippings, garden wastes including but not limited to wastes containing foliage or other vegetation (other than tree stumps and roots as permitted under condition 3), textiles, steel, galvanised metals, construction materials containing paint or fillers or sealers or their containers, oils or greases or any liquids or sludges or their containers, any industrial process by-products other than as permitted under condition 3, any poisons or solvents or their containers, batteries, general domestic refuse not otherwise described, or any wastes with the potential to render land or any vegetation grown on the land toxic to vegetation or to animals consuming such vegetation.
5. If the consent holder is uncertain as to the acceptability or not of a certain material the consent holder shall obtain written approval from the Consents Manager, Taranaki Regional Council, prior to its discharge.
6. The consent holder shall notify the Chief Executive, Taranaki Regional Council at least 2 working days prior to the discharge of any material on site. Notification shall be emailed to [worknotification@trc.govt.nz](mailto:worknotification@trc.govt.nz) and shall include as a minimum:
  - the consent number;
  - a description of the nature of the material;
  - the source of the material, including the location details;
  - the volume (or truck loads) of the material expected;
  - name, address and other contact details of the ‘Discharger’; and
  - the date and period of discharge.

7. For compliance monitoring purposes, the consent holder shall keep a record of the material discharged at the site. This record shall be maintained and made available to the Chief Executive, Taranaki Regional Council on request. The record kept shall include as a minimum:
  - a description of material received;
  - the source of the material, including the location details;
  - the total volume (or truck loads) of the material;
  - name, address and other contact details of the 'Discharger'; and
  - the date and period of discharge.
8. The consent holder shall ensure that the only source of water entering the fill is that of direct rainwater and the fill is isolated from any stormwater infiltration from the immediate catchment area.
9. The consent shall take all reasonable and necessary steps to minimise effects of the activity on water, including, but not limited to, the following:
  - installation and maintenance of diversion drains and retention devices to minimise stormwater infiltration into the filled area;
  - installation of sediment settling/maturation pond to treat discharges to the Inaha Stream tributary; and
  - placing interim cover of 100 mm of compacted clay on any exposed fill during periods of inactivity no more than 1 month.
10. The consent holder shall ensure that exposed surfaces of the discharge area are progressively capped upon completion of each discharge activity and following the filling of the entire discharge area. The fill cap shall:
  - have a minimum layer of compacted clay, at least 300 mm thick and shall be covered with topsoil, no less than 100 mm thick;
  - be contoured to prevent ponding and promote runoff from the fill cap area; and
  - be stabilised and vegetated in a manner that withstands subsidence, erosion or scouring.
11. After allowing for reasonable mixing, at or about approximate grid reference (NZTM) 1701175E -5619050N, the discharge shall not, either by itself or in combination with other discharges, give rise to any or all of the following effects in the receiving water:
  - a. the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
  - b. any conspicuous change in the colour or visual clarity;
  - c. any emission of objectionable odour;
  - d. the rendering of fresh water unsuitable for consumption by farm animals;
  - e. any significant adverse effects on aquatic life.
12. The consent holder shall at all times adopt the best practicable option or options (as defined in section 2 of the Resource Management Act 1991) to prevent or minimise any actual or potential effect on the environment arising from any discharge at the site.
13. This consent shall lapse on 31 March 2021, unless the consent is given effect to before the end of that period or the Taranaki Regional Council fixes a longer period pursuant to section 125(1)(b) of the Resource Management Act 1991.

14. In accordance with section 128 and section 129 of the Resource Management Act 1991, the Taranaki Regional Council may serve notice of its intention to review, amend, delete or add to the conditions of this resource consent by giving notice of review during the month of June 2017 and/or June 2019 and/or June 2021 and/or June 2023 and/or June 2029, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 26 January 2016

For and on behalf of  
Taranaki Regional Council

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A D McLay  
**Director - Resource Management**

Advice Note (included at the request of DITAG)

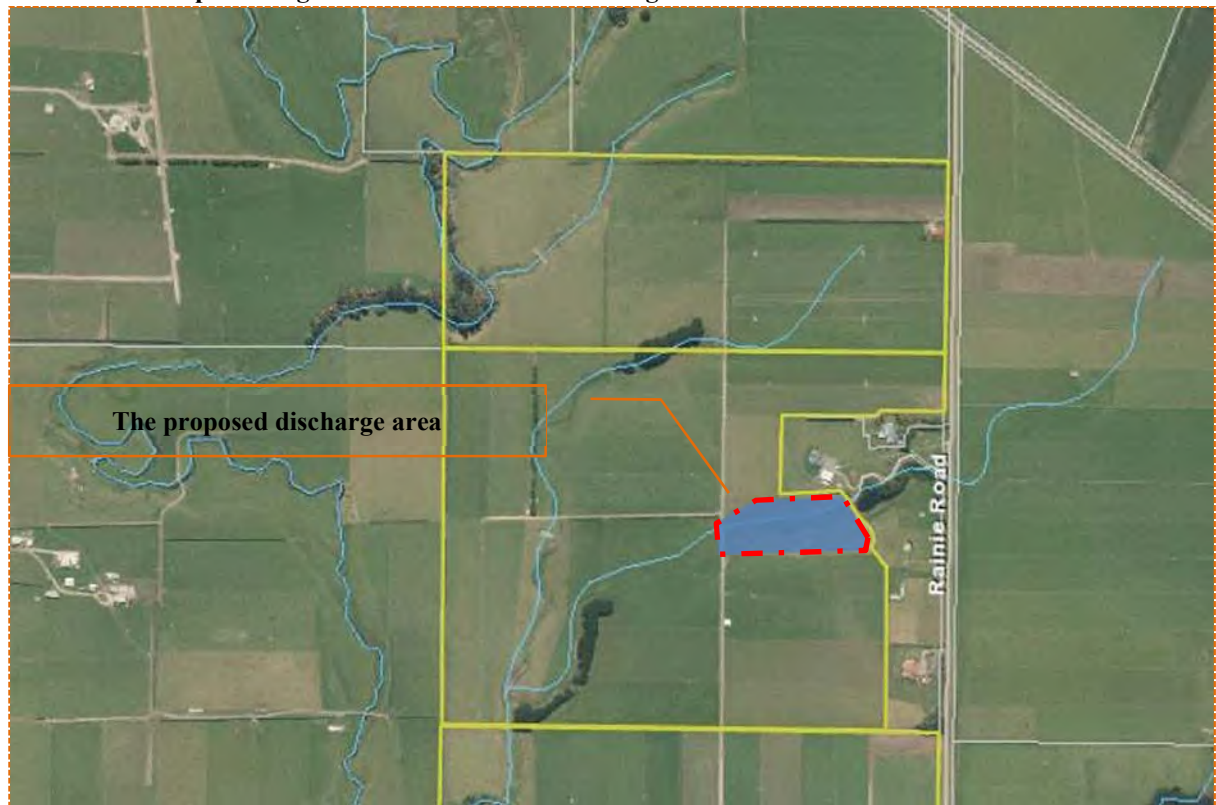
The consent holder's attention is drawn to MPI's "New Zealand Code of Practice for the Design and Operation of Farm Dairies (NZCP1) which restricts:

- The discharge of specified wastes to land used for grazing of milking animals; and
- The use of feed from land which has had specified wastes applied to it.

Should you require further information, please contact a Dairy Industry Technical Advisory Group (DITAG) representative **or** visit <http://www.foodsafety.govt.nz/elibrary/industry/dairy-nzcp1-design-code-of-practice/amdt-2.pdf> (specifically section 6.4 Disposal of effluent and other wastes and section 7.8 Purchased Stock Food) or contact an operation dairy processing company regarding conditions of supply.



**Attachment: Map showing the extent of cleanfill discharge.**





## Appendix II

Categories used to evaluate environmental and  
administrative performance

## Categories used to evaluate environmental and administrative performance

Environmental performance is concerned with actual or likely effects on the receiving environment from the activities during the monitoring year. Administrative performance is concerned with the Company's approach to demonstrating consent compliance in site operations and management including the timely provision of information to Council (such as contingency plans and water take data) in accordance with consent conditions.

Events that were beyond the control of the consent holder and unforeseeable (that is a defence under the provisions of the RMA can be established) may be excluded with regard to the performance rating applied. For example loss of data due to a flood destroying deployed field equipment.

The categories used by the Council for this monitoring period, and their interpretation, are as follows:

### Environmental Performance

**High:** No or inconsequential (short-term duration, less than minor in severity) breaches of consent or regional plan parameters resulting from the activity; no adverse effects of significance noted or likely in the receiving environment. The Council did not record any verified unauthorised incidents involving environmental impacts and was not obliged to issue any abatement notices or infringement notices in relation to such impacts.

**Good:** Likely or actual adverse effects of activities on the receiving environment were negligible or minor at most. There were some such issues noted during monitoring, from self-reports, or during investigations of incidents reported to the Council by a third party but these items were not critical, and follow-up inspections showed they have been dealt with. These minor issues were resolved positively, co-operatively, and quickly. The Council was not obliged to issue any abatement notices or infringement notices in relation to the minor non-compliant effects; however abatement notices may have been issued to mitigate an identified potential for an environmental effect to occur.

For example:

- High suspended solid values recorded in discharge samples, however the discharge was to land or to receiving waters that were in high flow at the time;
- Strong odour beyond boundary but no residential properties or other recipient nearby.

**Improvement required:** Likely or actual adverse effects of activities on the receiving environment were more than minor, but not substantial. There were some issues noted during monitoring, from self-reports, or during investigations of incidents reported to the Council by a third party. Cumulative adverse effects of a persistent minor non-compliant activity could elevate a minor issue to this level. Abatement notices and infringement notices may have been issued in respect of effects.

**Poor:** Likely or actual adverse effects of activities on the receiving environment were significant. There were some items noted during monitoring, from self-reports, or during investigations of incidents reported to the Council by a third party. Cumulative adverse effects of a persistent moderate non-compliant activity could elevate an 'improvement required' issue to this level. Typically there were grounds for either a prosecution or an infringement notice in respect of effects.

### Administrative performance

**High:** The administrative requirements of the resource consents were met, or any failure to do this had trivial consequences and were addressed promptly and co-operatively.

**Good:** Perhaps some administrative requirements of the resource consents were not met at a particular time, however this was addressed without repeated interventions from the Council staff. Alternatively adequate reason was provided for matters such as the no or late provision of information, interpretation of 'best practical option' for avoiding potential effects, etc.

**Improvement required:** Repeated interventions to meet the administrative requirements of the resource consents were made by Council staff. These matters took some time to resolve, or remained unresolved at the end of the period under review. The Council may have issued an abatement notice to attain compliance.

**Poor:** Material failings to meet the administrative requirements of the resource consents. Significant intervention by the Council was required. Typically there were grounds for an infringement notice.