

Regional Cleanfill

Monitoring Programme

Annual Report

2020-2021

Technical Report 2021-77



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 Trucking Company Ltd (Taranaki Trucking), and TPJ Partnership (TPJ).

During the period under review AA Contracting, Riddick, Wheeler, Downer (Dorset Road), Downer (Veale Road), Downer (South Road), Gas and Plumbing, Smudgy, and Taranaki Trucking all demonstrated an overall high level of environmental performance.

During the period under review George Family demonstrated an overall good level of environmental performance.

An improvement was required in the environmental performance of Bishop.

During the monitoring period, TPJ demonstrated an overall poor level of environmental performance.

This report for the period July 2020 to June 2021 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 178 conditions that the cleanfill operators must satisfy. The consents covering the activities monitored under this programme consist of two consents to discharge cleanfill where contaminants may enter surface water, three consents relating to piping, culverts and/or reclamation, and 10 consents to discharge cleanfill onto and into land.

The Council's monitoring programme included 37 inspections, with each site receiving either two or three scheduled inspections, with follow up inspections undertaken at the Bishop and TPJ sites. The Council did not collect water samples for physicochemical analysis during the 2020-2021 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, no adverse effects were observed at the time of the inspections under these conditions. Therefore the sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

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, for the most part, 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 Trucking all demonstrated a high level of environmental and a high administrative performance with their resource consents.

During the year, Downer demonstrated a high level of environmental performance and a high level of administrative performance with their Veale Road resource consent as defined in Section 1.1.5. However, 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, George Family demonstrated a good level of environmental performance, however an improvement was required in their administrative performance with their resource consent and regional plan rules as defined in Section 1.1.5. Prohibited material had been discharged over the tip face on one occasion. An abatement notice was issued requiring the removal of the material. This was done. The late payment of the financial contribution required by the piping consent was resolved during the year under review.

An improvement in Bishop's environmental and administrative performance with their resource consents is required as defined in Section 1.1.5. During the year under review additional piping was installed in the unnamed tributary of the Waimoku Stream that was not permitted by consent 5888-2.0. The piping was found to have been removed at the subsequent inspection. Silt retention structures had not been reinstalled at the toe of the cleanfill area as required by condition 6 of consent 5877-2 and requested at two inspections. Although unresolved at the end of the year under review, at the time of writing this report enforcement action was being considered

During the year, the TPJ demonstrated a poor level of environmental performance and compliance with resource consents and a level of administrative performance which required improvement. During the year under review, there was an infringement fine issued for a discharge of material that was in contravention of an abatement notice issued in May 2020, following a discharge of prohibited materials in the 2019-2020 year. In addition, abatement and infringement notices were issued with respect to non-compliance with the notification and record keeping consent requirements contained in the consent. Although some improvements were made during the latter part of the 2020-2021 year, further improvements are still required.

For reference, in the 2020-2021 year, consent holders were found to achieve a high level of environmental performance and compliance for 86% of the consents monitored through the Taranaki tailored monitoring programmes, while for another 11% of the consents, a good level of environmental performance and compliance was achieved.

This report includes recommendations for the 2021-2022 monitoring period including recommendations relating to optional reviews of consents 10585-1.0 (Smudgy) and 10202-1.1 (TPJ).

Table of contents

		Page
1	Introduction	1
1.1	Compliance monitoring programme reports and the Resource Management Act 1991	1
1.1.1	Introduction	1
1.1.2	Structure of this report	1
1.1.3	The Resource Management Act 1991 and monitoring	1
1.1.4	Investigations, interventions, and incidents	2
1.1.5	Evaluation of environmental and administrative performance	2
1.2	Process description	4
1.2.1	Cleanfill material	4
1.2.2	Cleanfill site	4
1.3	Resource consents	4
1.4	Monitoring programme	9
1.4.1	Introduction	9
1.4.2	Programme liaison and management	9
1.4.3	Site inspections	9
1.4.4	Chemical sampling	9
2	AA Contracting Ltd – Henwood Road, New Plymouth	11
2.1	Site description and activities	11
2.2	Results	11
2.2.1	Inspections	11
2.2.2	Results of receiving environment monitoring	12
2.2.3	Investigations, interventions, and incidents	12
2.3	Discussion	12
2.3.1	Discussion of site performance	12
2.3.2	Environmental effects of exercise of consents	12
2.3.3	Evaluation of performance	13
2.3.4	Recommendations from the 2019-2020 Annual Report	15
2.3.5	Alteration to the monitoring programme for 2021-2022	15
2.4	Recommendations	15
3	A & A George Family Trust – Dudley Road, Inglewood	16
3.1	Site description and activities	16
3.2	Results	17

	3.2.1	Inspections	17
	3.2.2	Results of receiving environment monitoring	17
	3.2.3	Investigations, interventions, and incidents	18
3.3		Discussion	19
	3.3.1	Discussion of site performance	19
	3.3.2	Environmental effects of exercise of consents	19
	3.3.3	Evaluation of performance	19
	3.3.4	Recommendations from the 2019-2020 Annual Report	21
	3.3.5	Alteration to the monitoring programme for 2021-2022	21
3.4		Recommendations	22
4		AE Riddick – Carrington Road, New Plymouth	23
	4.1	Site description and activities	23
	4.2	Results	23
	4.2.1	Inspections	23
	4.2.2	Results of receiving environment monitoring	24
	4.2.3	Investigations, interventions, and incidents	24
	4.3	Discussion	24
	4.3.1	Discussion of site performance	24
	4.3.2	Environmental effects of exercise of consents	24
	4.3.3	Evaluation of performance	24
	4.3.4	Recommendations from the 2019-2020 Annual Report	25
	4.3.5	Alterations to the monitoring programme for 2021-2022	26
	4.4	Recommendations	26
5		BJ & LB Bishop – Ahu Ahu Road, New Plymouth	27
	5.1	Site description and activities	27
	5.2	Results	28
	5.2.1	Inspections	28
	5.2.2	Results of receiving environment monitoring	28
	5.2.3	Investigations, interventions, and incidents	29
	5.3	Discussion	29
	5.3.1	Discussion of site performance	29
	5.3.2	Environmental effects of exercise of consents	29
	5.3.3	Evaluation of performance	29
	5.3.4	Recommendations from the 2019-2020 Annual Report	31
	5.3.5	Alterations to the monitoring programme for 2021-2022	31

5.4	Recommendations	31
6	Dennis Wheeler Earthmoving Ltd – Paraitē Road, Bell Block	32
6.1	Site description and activities	32
6.2	Results	32
6.2.1	Inspections	32
6.2.2	Results of discharge and receiving environment monitoring	33
6.2.3	Investigations, interventions, and incidents	33
6.3	Discussion	33
6.3.1	Discussion of site performance	33
6.3.2	Environmental effects of exercise of consents	33
6.3.3	Evaluation of performance	34
6.3.4	Recommendations from the 2019-2020 Annual Report	35
6.3.5	Alterations to the monitoring programme for 2021-2022	35
6.4	Recommendations	35
7	Downer EDI Works Ltd – Dorset Road, New Plymouth	36
7.1	Site description and activities	36
7.2	Results	36
7.2.1	Inspections	36
7.2.2	Results of receiving environment monitoring	37
7.2.3	Investigations, interventions, and incidents	37
7.3	Discussion	37
7.3.1	Discussion of site performance	37
7.3.2	Environmental effects of exercise of consents	37
7.3.3	Evaluation of performance	38
7.3.4	Recommendations from the 2019-2020 Annual Report	38
7.3.5	Alterations to the monitoring programme for 2021-2022	39
7.4	Recommendations	39
8	Downer EDI Works Ltd – Veale Road, New Plymouth	40
8.1	Site description and activities	40
8.2	Results	40
8.2.1	Inspections	40
8.2.2	Results of receiving environment monitoring	41
8.2.3	Investigations, interventions, and incidents	41
8.3	Discussion	41
8.3.1	Discussion of site performance	41

	8.3.2	Environmental effects of exercise of consents	42
	8.3.3	Evaluation of performance	42
	8.3.4	Recommendations from the 2019-2020 Annual Report	42
	8.3.5	Alterations to the monitoring programme for 2021-2022	43
	8.4	Recommendations	43
9		Downer EDI Works Ltd – South Road, Hawera	44
	9.1	Site description and activities	44
	9.2	Results	45
	9.2.1	Inspections	45
	9.2.2	Results of receiving environment monitoring	45
	9.2.3	Investigations, interventions, and incidents	46
	9.3	Discussion	46
	9.3.1	Discussion of site performance	46
	9.3.2	Environmental effects of exercise of consents	46
	9.3.3	Evaluation of performance	46
	9.3.4	Recommendations from the 2019-2020 Annual Report	47
	9.3.5	Alteration to the monitoring programme for 2021-2022	47
	9.4	Recommendations	48
10		Gas and Plumbing Ltd – Colson Road, New Plymouth	49
	10.1	Site description and activities	49
	10.2	Results	49
	10.2.1	Inspections	49
	10.2.2	Results of receiving environment monitoring	50
	10.2.3	Investigations, interventions, and incidents	50
	10.3	Discussion	50
	10.3.1	Discussion of site performance	50
	10.3.2	Environmental effects of exercise of consents	50
	10.3.3	Evaluation of performance	50
	10.3.4	Recommendations from the 2019-2020 Annual Report	51
	10.3.5	Alterations to the monitoring programme for 2021-2022	51
	10.4	Recommendations	52
11		Smudgy Developments – Tukapa Street, Hurdon	53
	11.1	Site description and activities	53
	11.2	Results	54
	11.2.1	Inspections	54

	11.2.2	Results of discharge and receiving water monitoring	54
	11.2.3	Investigations, interventions, and incidents	54
11.3		Discussion	55
	11.3.1	Discussion of site performance	55
	11.3.2	Environmental effects of exercise of consents	55
	11.3.3	Evaluation of performance	55
	11.3.4	Alterations to the monitoring programme for 2021-2022	56
	11.3.5	Exercise of optional review of consent	57
11.4		Recommendations	57
12		TPJ Partnership – Rainie Road, Hawera	58
	12.1	Site description and activities	58
	12.2	Results	60
	12.2.1	Data review	60
	12.2.2	Inspections	60
	12.2.3	Riparian planting	61
	12.2.4	Results of discharge and receiving water monitoring	62
	12.2.5	Investigations, interventions, and incidents	62
	12.3	Discussion	62
	12.3.1	Discussion of site performance	62
	12.3.2	Environmental effects of exercise of consents	63
	12.3.3	Evaluation of performance	63
	12.3.4	Recommendations from the 2019-2020 Annual Report	67
	12.3.5	Alterations to the monitoring programme for 2021-2022	67
	12.3.6	Exercise of optional review of consents	68
	12.4	Recommendations	68
13		Taranaki Trucking Company Ltd – Cardiff Road, Stratford	69
	13.1	Site description and activities	69
	13.2	Results	70
	13.2.1	Inspections	70
	13.2.2	Results of receiving environment monitoring	70
	13.2.3	Investigations, interventions, and incidents	70
	13.3	Discussion	70
	13.3.1	Discussion of site performance	70
	13.3.2	Environmental effects of exercise of consents	71
	13.3.3	Evaluation of performance	71

13.3.4	Recommendations from the 2019-2020 Annual Report	72
13.3.5	Alterations to the monitoring programme for 2021-2022	72
13.4	Recommendations	73
14	Summary of Recommendations	74
	Glossary of common terms and abbreviations	75
	Bibliography and references	77
	Appendix I Resource consents held by cleanfill owners and operators (alphabetical order)	
	Appendix II TPJ Partnership's land management plan	

List of tables

Table 1	Cleanfill related consents monitored under this programme during the period under review	6
Table 2	Number of samples collected and inspections conducted at each site	10
Table 3	Summary of performance for AA Contracting Ltd piping consent 5179-2	13
Table 4	Summary of performance for AA Contracting Ltd cleanfill consent 5180-2	14
Table 5	A & A George Family Trust incidents, investigations, and interventions summary table	18
Table 6	Summary of performance for A & A George Family Trust's cleanfill consent 9680-1.1	19
Table 7	Summary of performance for A & A George Family Trust's cleanfill consent 10748-1.0	20
Table 8	Summary of performance for AE Riddick's cleanfill consent 3977-4	25
Table 9	Summary of performance for BJ & LB Bishop's cleanfill consent 5877-2	29
Table 10	Summary of performance for BJ & LB Bishop's culvert consent 5888-2	30
Table 11	Summary of performance of consent for Dennis Wheeler Earthmoving Ltd cleanfill consent 10234-1.0	34
Table 12	Summary of performance for Downer EDI Works Ltd's Dorset Road cleanfill consent 9532-1	38
Table 13	Summary of performance for Downer EDI Works Ltd's Veale Road cleanfill consent 5213-2	42
Table 14	Summary of performance for Downer EDI Works Ltd's (South Road) cleanfill consent 6964-1	46
Table 15	Summary of performance for Gas and Plumbing's cleanfill consent 7165-1	50
Table 16	Summary of performance for Smudgy Developments cleanfill consent 10585-1.0	55
Table 17	Incidents, investigations, and interventions summary table	62
Table 18	Summary of performance for TPJ Partnership's cleanfill consent 10202-1, in effect 1 July 2020 to 6 November 2020	63
Table 19	Summary of performance for TPJ Partnership's cleanfill consent 10202-1, in effect 6 November 2020 to date	65
Table 20	Summary of performance for TPJ Partnership's culvert installation consent 10209-1.1	66
Table 21	Summary of performance for Taranaki Trucking Company Ltd's cleanfill consent 5561-1	71

List of figures

Figure 1	Regional map showing the locations of the cleanfills monitored under this programme during the year under review	5
Figure 2	AA Contracting Ltd cleanfill and sampling sites at Henwood Road, New Plymouth	11
Figure 3	A & A George Family Trust permitted cleanfill area at Dudley Road, Inglewood from 19 June 2019	16
Figure 4	AE Riddick's cleanfill and sampling site at Carrington Road, New Plymouth	23
Figure 5	BJ & LB Bishop's cleanfill sand sampling sites at Ahu Ahu Road, Oakura	27
Figure 6	Location of Dennis Wheeler Earthmoving cleanfill Paraita Road, Bell Block	32
Figure 7	Downer EDI Works Ltd cleanfill, Dorset Road, New Plymouth	36
Figure 8	Downer EDI Works Ltd's cleanfill and sampling sites, Veale Road, New Plymouth	40
Figure 9	Downer EDI Works Ltd cleanfill and sampling site, South Road, Hawera	44
Figure 10	Gas and Plumbing Ltd's cleanfill and sampling site at Colson Road, New Plymouth	49
Figure 11	Smudgy Developments cleanfill and sampling site on Tukapa Street, Hurdon	53
Figure 12	TPJ Partnership's cleanfill and sampling sites at Rainie Road, Hawera	58
Figure 13	Map of TPJ Partnership retrospective and proposed piping	59
Figure 14	Taranaki Trucking Company Ltd's cleanfill and sampling sites at Cardiff Road, Stratford	69

List of photos

Photo 1	Section of stream to be piped (taken from the end of the proposed pipe), 8 May 2019	18
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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 2020 to June 2021 by the Taranaki Regional Council (the Council) on a combined monitoring programme associated with resource consents held by cleanfill consent holders. Cleanfill consent holders operated at various locations throughout the Taranaki region as listed in Table 1. There are additional site specific programmes for other cleanfill sites linked to quarrying activities, which are reported on separately.

This report includes the results and findings of the monitoring programme implemented by the Council in respect of the consents held by the cleanfill consent holders. These consents relate to the discharge of contaminants onto and into land and discharge to water.

One of the intents of the *Resource Management Act 1991* (RMA) is that environmental management should be integrated across all media, so that a consent holder's use of water, air, and land should be considered from a single comprehensive environmental perspective. Accordingly, the Council generally implements integrated environmental monitoring programmes and reports the results of the programmes jointly. This report discusses the environmental effects of cleanfill consent holders' use of water, land and air, and is the 16th combined report 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 in the Companies sites/catchments.

Section 2-13 present the results for each cleanfill site, discuss their significance for the environment and make recommendations for the 2020-2021 monitoring year.

Section 14 summarises the recommendations to be implemented in the 2021-2022 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 permits, 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 permit 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

Besides discussing the various details of the performance and extent of compliance by the consent holders, this report also assigns a rating as to each Company's environmental and administrative performance during the period under review.

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.

For reference, in the 2020-2021 year, consent holders were found to achieve a high level of environmental performance and compliance for 86% of the consents monitored through the Taranaki tailored monitoring programmes, while for another 11% of the consents, a good level of environmental performance and compliance was achieved.¹

¹ The Council has used these compliance grading criteria for 17 years. They align closely with the 4 compliance grades in the MfE Best Practice Guidelines for Compliance, Monitoring and Enforcement, 2018

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.

Cleanfill material does not include wastes such as 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 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 permits held by the Company during the period under review.

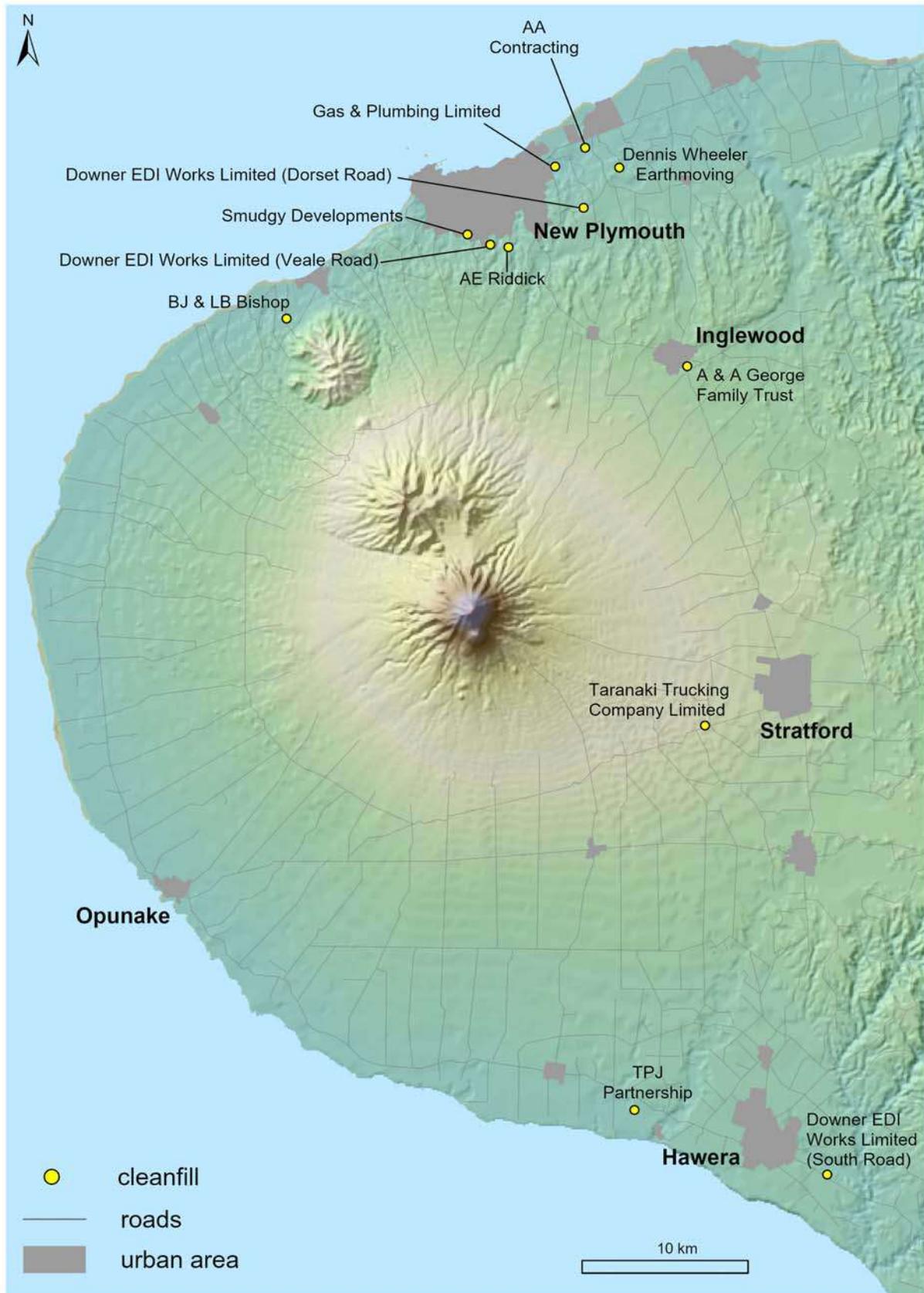


Figure 1 Regional map showing the locations of the cleanfills monitored under this programme during the year under review

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

Consent Holder	Resource consent	Purpose	Consent Type ²	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 permit	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	19 Jun 2019	-	1 Jun 2027	Dudley Road, Inglewood	Manganui and Kurapete Streams (Waitara catchment)
	10748-1.0 ³	To install piping in a section of an unnamed tributary of the Kurapete Stream, including associated stream bed disturbance and reclamation			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	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		

² Discharge to land = Discharge of wastes to land; Discharge to water = Water discharge permit

³ Associated piping consent. Not monitored under this programme

Consent Holder	Resource consent	Purpose	Consent Type ²	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	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	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 2022	1 Jun 2032	Tukapa Street, Hurdon	Unnamed Tributary of the Waimea Stream (Huatoki catchment)
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		

Consent Holder	Resource consent	Purpose	Consent Type ²	Granted	Next Review	Expiry	Location	Water body
TPJ Partnership	10202-1.0	To discharge cleanfill and inert materials onto and into land, where contaminants may enter into an unnamed tributary of the Inaha Stream	Discharge to land	26 Jan 2016	June 2022	1 Jun 2035	Rainie Road, Hawera	Inaha Stream (Inaha catchment)
	10202-1.1			6 Nov 2020 (commencement of variation)				
	10209-1.1 ⁴	To install piping in unnamed tributaries of the Inaha Stream, including associated streambed disturbance and reclamation	Land use	12 Jun 2019 (commencement of variation)	June 2023	1 Jun 2035		

∞

⁴ Associated piping consent. Not monitored under this programme

1.4 Monitoring programme

1.4.1 Introduction

Section 35 of the RMA sets obligations upon 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 consisted 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 2020-2021 period, 37 site inspections were carried out. A summary of the number of inspections 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, no adverse effects were observed at the time of the inspections under these conditions. Therefore the sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

Table 2 Number of samples collected and inspections conducted at each site

Site	Inspections	Water samples
AA Contracting	3	-
George Family	3	-
Riddick	3	-
Bishop	4	-
Dennis Wheeler Earthmoving	3	-
Downer (Dorset Road)	3	-
Downer (Veale Road)	3	-
Downer (South Road)	3	-
Gas and Plumbing	3	-
Smudgy	3	-
Taranaki Trucking	2	-
TPJ	4	-
Total	37	0

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 permitted is shown in the consent (Appendix I).

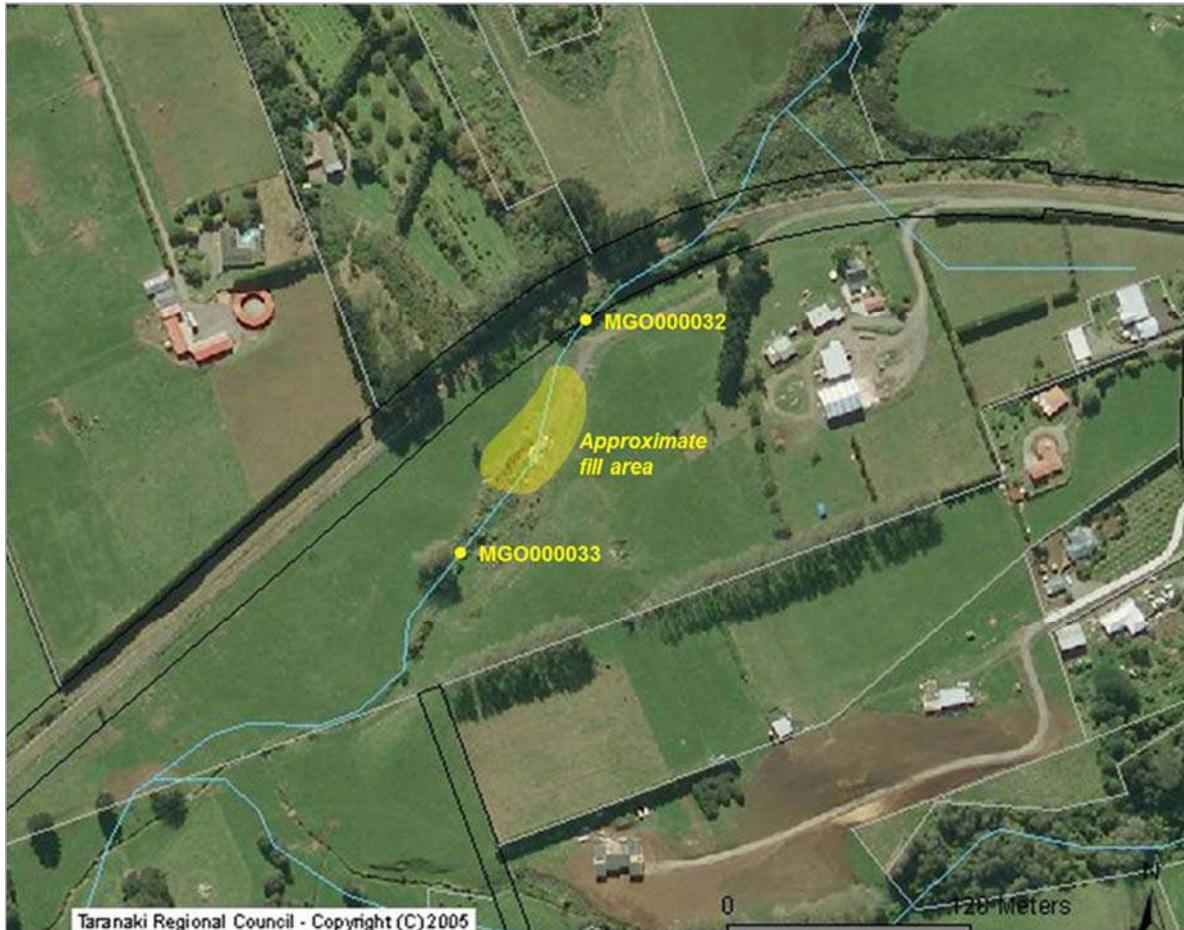


Figure 2 AA Contracting Ltd cleanfill and sampling sites at Henwood Road, New Plymouth

2.2 Results

2.2.1 Inspections

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

6 August 2020

At the time of inspection the site appeared to be well maintained. It was found that there had been little activity at the site since the previous inspection, with no unacceptable material observed on site. A silt pond was present at the base of the fill face. There were no issues found regarding dust and odour during the inspection. The site was reported to be operating within consent conditions at the time of inspection. The stream was running clear through the culvert without obvious signs of any impediment. There was a low flow discharge from swale/silt pond, which showed no signs of having any visual effect on the receiving water.

22 February 2021

There had been little, if any, use of the cleanfill site since the previous inspection. A small trailer load of waste had been left at the site by an acquaintance of the consent holder. The majority of the material needed to be removed from the site as it contained some green waste and metal piping. The consent holder was contacted, advised that this material was present and needed to be removed. The consent holder undertook to remove the material. A small amount of water was discharging from the swale below the cleanfill site. The flow through the culvert was unimpeded and clear. There were no issues with dust and or odour found during the inspection.

14 June 2021

It was found that the site was secure on arrival, with the gates shut and locked. At the time of inspection there was intermittent rain. Throughout the inspection there were no notable dust or odour issues. As with the previous inspection, there had been little use of the cleanfill site since the previous inspection. The small amount of unacceptable material noted in the previous inspection had been removed. There was a large amount of water in the swale, which was discharging into the stream. This discharge was clear and was having no visible effect on the receiving water.

2.2.2 Results of receiving environment monitoring

The receiving water sampling site locations are shown in Figure 2.

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 this site to date. During the year under review, no adverse effects were observed at the time of the inspections under these conditions. Therefore the sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

2.2.3 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 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 green waste and metal piping 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.

2.3.3 Evaluation of performance

A tabular summary of AA Contracting's compliance record for the period under review is set out in Table 3 and Table 4 below.

Table 3 Summary of performance for AA Contracting Ltd piping consent 5179-2

Purpose: To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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
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

Purpose: To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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		High
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

Table 4 Summary of performance for AA Contracting Ltd cleanfill consent 5180-2

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
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
11. Review condition	Option for review in June 2026	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment of administrative performance in respect of this consent		High

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 Section 1.1.5.

2.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from AA Contracting's cleanfill in the 2020-2021 period continues at the same level as in 2019-2020.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022 year. Recommendation 2 was not required.

2.3.5 Alteration to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

2.4 Recommendations

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 scheduled for 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 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.

The applicant previously held consent 7675 to discharge cleanfill onto and into land. This cleanfill area had been fully reinstated and this consent was surrendered on 1 May 2012.

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 permitted 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 permitted 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 George Family cleanfill was inspected on three occasions during the period under review.

7 August 2020

At the time of inspection the gates to the site were open. Heavy rainfall was occurring during the course of this inspection. No issues with odour or dust were noted throughout the inspection. The site appeared to be well maintained, with no unacceptable materials observed at the site. There were good silt and sediment controls in place. There was no discharge occurring to the receiving environment at the time of inspection and no water samples were collected.

20 April 2021

On arrival at the site the weather was sunny. The gates to the site were open, and the consent holder was present. The site appeared to be well used and was in a tidy condition. There were small piles of unacceptable materials that had been removed and stored away from the tip face. The consent holder had observed someone dumping a small amount of green waste on the morning of this inspection. The consent holder undertook to remove this material as soon as possible. This issue was further discussed, with the consent holder stating that he was considering installing a shed where anyone using the site would be required to sign in. The inspecting officer supported this proposal. No other issues were noted during the inspection.

15 June 2021

There was persistent rain throughout this inspection. On arrival at the site the gates were open and initial inspection indicated the site was clean and tidy. However, closer inspection found that a number of truckloads of road side scrapings (estimated to be in excess of 12 truckloads) had been discharged at the site. These loads included a large amount of green waste. During the inspection a Downer's truck arrived and tipped another load. The driver informed the inspecting officer that these loads were coming from SH3. A small amount of agapanthus, a sheet of roofing iron, and a small amount of exposed reinforcing bar were also identified. The consent holder was informed that all of these were unauthorised materials and could not be discharged at the site. As a result of these observations it was concluded that the conditions of the consents were not met and an abatement notice would be issued.

3.2.2 Results of receiving environment monitoring

As the original permitted cleanfill discharge area was not near an exposed water body, there had 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 permitted cleanfill area also included additional piping (Photo 1), 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 the year under review, there was either no discharge occurring, or there were no issues with the quality of the

discharge or receiving water noted at the time of the inspections. Therefore sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.



Photo 1 Section of stream to be piped (taken from the end of the proposed pipe), 8 May 2019

3.2.3 Investigations, interventions, and incidents

Table 5 below sets out details of any incidents recorded, additional investigations, or interventions required by the Council in relation to the George Family's cleanfilling activities during the 2020-2021 period. This table presents details of all events that required further investigation or intervention regardless of whether these were found to be compliant or not.

Table 5 A & A George Family Trust incidents, investigations, and interventions summary table

Date	Details	Compliant (Y/N)	Enforcement Action Taken?	Outcome
15 June 2021	Prohibited material was found to have been discharged over the tip face	N	Abatement notice issued	The consent holder was instructed to remove the unauthorised materials by 29 June 2021. Due to the weather conditions the abatement notice was extended to 31 July 2021. The subsequent inspection found that the unauthorised materials had been removed

3.3 Discussion

3.3.1 Discussion of site performance

The site was generally found to be well managed during the period under review. However, prohibited materials had been discharged at the site on one occasion. An abatement notice was issued requiring the removal of this material by 31 July 2021. The material was no longer present at the first inspection undertaken in the 2021-2022 year.

3.3.2 Environmental effects of exercise of consents

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

3.3.3 Evaluation of performance

A tabular summary of George Family's compliance record for the period under review is set out in Table 6 and Table 7.

Table 6 Summary of performance for A & A George Family Trust's cleanfill consent 9680-1.1

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge only to be undertaken in the specified area	Inspection	Yes
2. Only discharge cleanfill and/or inert materials	Inspection	Unacceptable material located over the tip face on one occasion. Abatement notice issued
3. No discharge of prohibited materials listed in the consent	Inspection	Unacceptable material located over the tip face on one occasion. Abatement notice issued
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	Yes
7. Maintain drains, ponds and contours on site to minimise entering the cleanfill site	Inspection	Yes
8. Adopt best practice	Inspection	Unacceptable material located over the tip face on one occasion. Abatement notice issued

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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		Good
Overall assessment of administrative performance in respect of this consent		Improvement required

N/A = not applicable

Table 7 Summary of performance for A & A George Family Trust's cleanfill consent 10748-1.0

Purpose: To install piping in a section of an unnamed tributary of the Kurapete Stream including associated stream bed disturbance and reclamation		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Defines specific piping permitted by the consent (83 m form and to specific NZTM grid references)	Not assessed	N/A
2. Specifies minimum required pipe diameters	Not assessed	N/A
3. Pipe maintenance required to maintain fee flow at all times	Not assessed	N/A
4. Prior notice of works required (2 days)	Not assessed	N/A
5. Financial contribution of \$2490 (+GST) required by 31 August 2019	Check of Council records. Payment plan in place	Payments completed during the year under review
6. Required rip rap specifications to prevent erosion at the pipe outlet	Not assessed	N/A
7. Requirements to minimise sedimentation and turbidity effects during installation	Not assessed	N/A
8. Prohibition of discharge of vegetation within 20 m of piped stream	Not assessed	N/A
9. Stabilisation (defined) required as soon as practicable immediately following soil disturbance	Not assessed	N/A

Purpose: To install piping in a section of an unnamed tributary of the Kurapete Stream including associated stream bed disturbance and reclamation		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
10. Actions required if archaeological remains are found	Not assessed	N/A
11. Provision for lapse of consent (30 June 2024) if not exercised	Due to retrospective nature of consent, the consent has been exercised	N/A
12. Optional review provision re environmental effects	Next option for review in June 2021	N/A
Overall assessment of environmental performance in respect of this consent		N/A
Overall assessment of administrative performance in respect of this consent		Good

N/A Not applicable

During the year, George Family demonstrated a good level of environmental performance, however an improvement was required in their administrative performance with their resource consent and regional plan rules as defined in Section 1.1.5. Prohibited material had been discharged over the tip face on one occasion. An abatement notice was issued requiring the removal of the material. This was done. The late payment of the financial contribution required by the piping consent was resolved during the year under review.

3.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from the George Family's cleanfill in the 2020-2021 period continues at the same level as in 2019-2020.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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, with the exception of the sampling being deferred to the spring of the 2021-2022 year. Recommendation 2 was not required. Recommendations 3 and 4 were accepted by Council.

3.3.5 Alteration to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

3.4 Recommendations

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 scheduled 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.

4 AE Riddick – Carrington Road, New Plymouth

4.1 Site description and activities

AE Riddick (Riddick) holds consent 3977-4 to discharge cleanfill to land. This cleanfill on Carrington Road 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 permitted is shown in the consent (Appendix I).

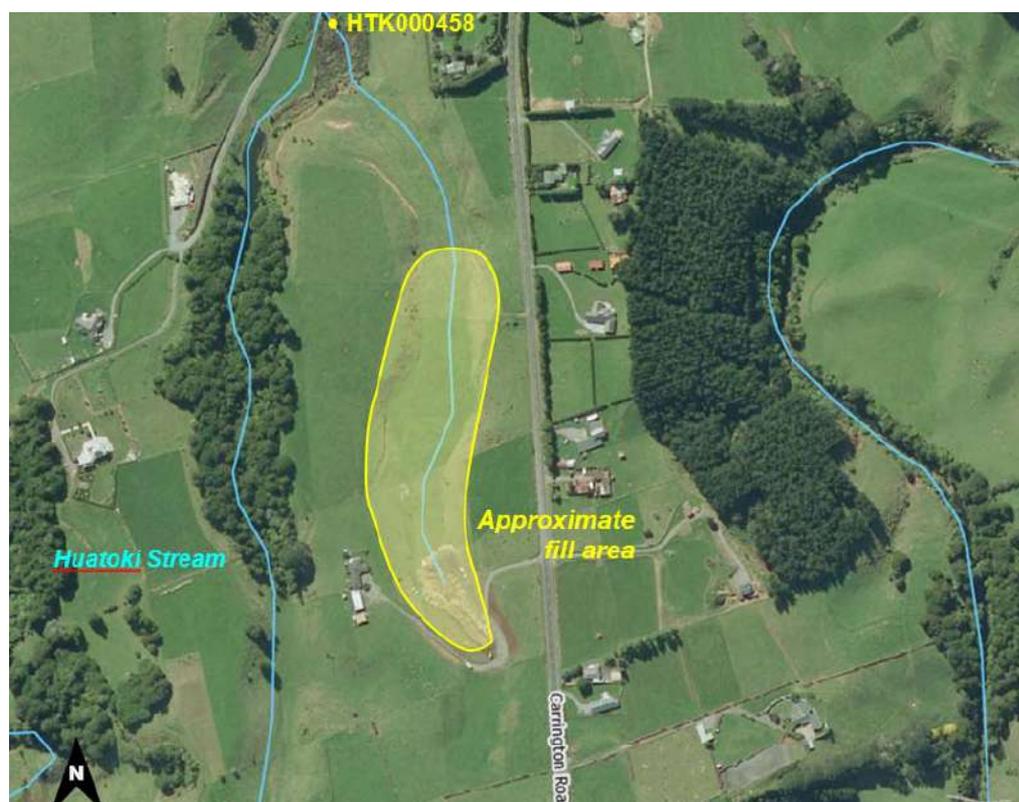


Figure 4 AE Riddick's cleanfill and sampling site at Carrington Road, New Plymouth

4.2 Results

4.2.1 Inspections

The AE Riddick's cleanfill was inspected on three occasions during the period under review.

10 August 2020

Upon inspection the gates to the site were open and two Taranaki Civil trucks were discharging clean fill during the inspection. It was noted that the site was large and well used, with no unacceptable materials observed at the time of inspection. There were no issues with dust or odour found during the inspection. A large silt fence was in place for sediment control. Overall, the site was found compliant at the time of this inspection.

23 February 2021

This inspection was undertaken during hot dry conditions. Upon arrival the site gates were shut and locked. The site appeared to be clean and tidy. A small amount of cleanfill appeared to have been dropped at the tip face recently and the rest of the site had been well levelled. There were no unauthorised materials found during the inspection and there were no issues regarding dust and odour. Overall, the site was considered to be complaint.

8 June 2021

This compliance monitoring inspection was undertaken during fine sunny conditions. On arrival at the site, the gates were shut and locked. Some cleanfill had been deposited on the site. A small amount of reinforcing bar was visible. The consent holder was asked to ensure that this was removed. There were no issues noted with respect to dust or odour during the inspection. It was noted that the silt fence was in need of some maintenance.

4.2.2 Results of receiving environment monitoring

A spring flows from beneath the landfill along a course adjacent to the wetland, with little flow passing through the vegetation. The sampling site is at the property boundary and is shown in Figure 4.

Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate. During the year under review, there was either no discharge occurring, or there were no issues with the quality of the discharge or receiving water noted at the time of the inspections. Therefore sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

4.2.3 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 AE Riddick's conditions in resource consents or provisions in Regional Plans.

4.3 Discussion

4.3.1 Discussion of site performance

This site was found to be in generally good condition throughout the monitoring period under review. At one of the three inspections there was a small amount of reinforcing bar found, which was removed promptly.

4.3.2 Environmental effects of exercise of consents

Historically the level of contaminants found in the water downstream of the cleanfill had indicated that there has been little or no effect on water quality due to the cleanfill's presence. There were no visible effects found at inspection 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 8.

Table 8 Summary of performance for AE Riddick's cleanfill consent 3977-4

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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
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		High
Overall assessment of administrative performance in respect of this consent		High

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 Section 1.1.5.

4.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Riddick's cleanfill in the 2020-2021 year continues at the same level as in 2019-2020.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022 year. Recommendation 2 was not required.

4.3.5 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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.

4.4 Recommendations

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

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 permitted is shown in the consent (Appendix I).

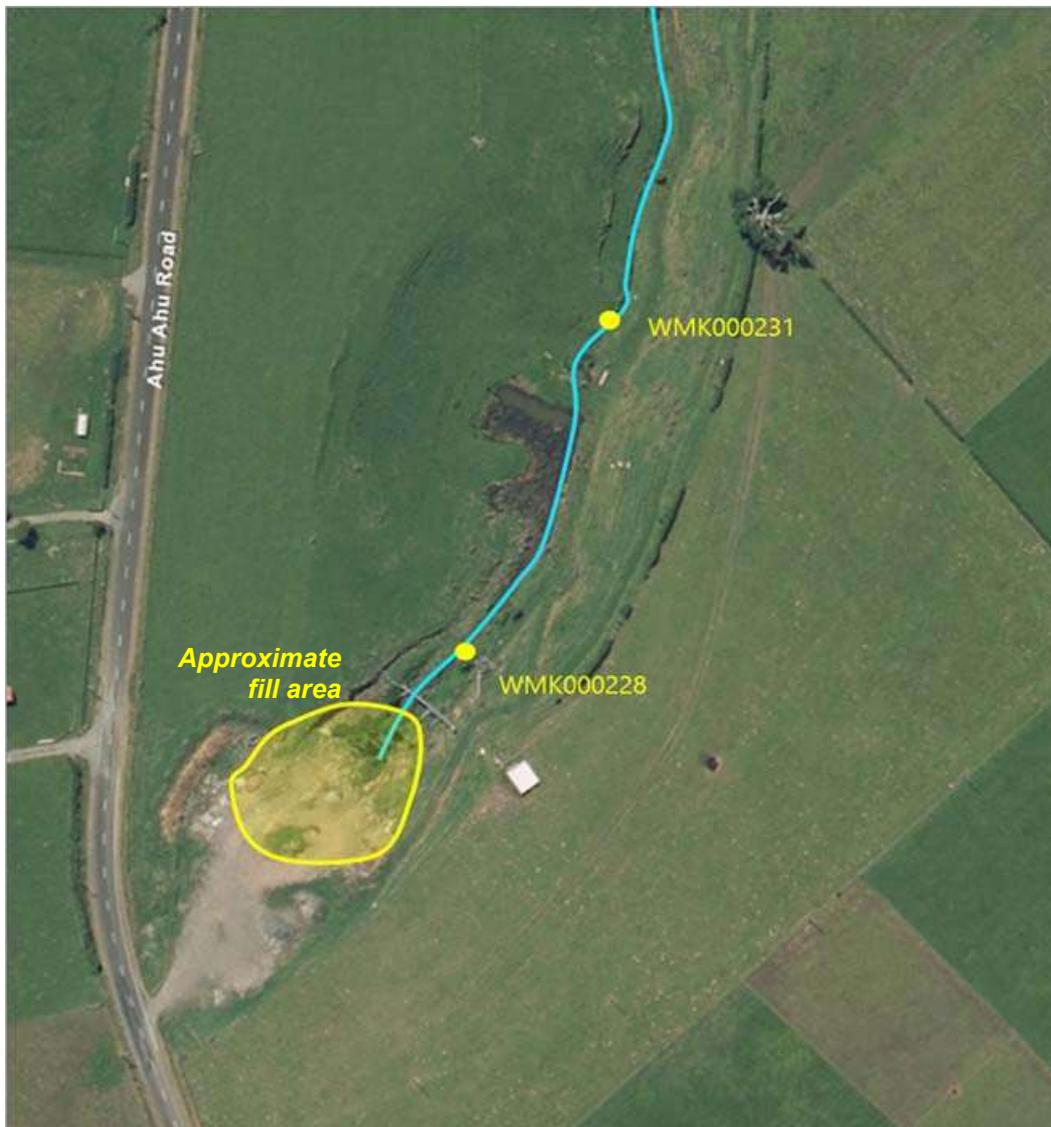


Figure 5 BJ & LB Bishop's cleanfill sand sampling sites at Ahu Ahu Road, Oakura

5.2 Results

5.2.1 Inspections

The Bishop Cleanfill was inspected on four occasions during the period under review.

10 August 2020

Gates to the site were open on arrival at the site. It was noted that there continued to be steady activity at the site. During the inspection there was one truck using the site. It was also noted that the piping of the stream appeared to be working well.

3 September 2020

Upon arrival at the site, the gates were open. A small truck arrived and unloaded metal (gravel). The site appeared to be clean and well maintained, with a number of piles of various materials including tree stumps, broken concrete, and topsoil in different areas of the site. There was a large pile of cleanfill waiting to be pushed over the tip face. The consent holder was present and the piping in the stream was discussed. It was outlined that there was piping present in the tributary that is not permitted by the consent. The consent holder stated that he was unaware there was a restriction on the length of pipe work he was able to lay. He was informed that he has to remove the piping and/or obtain consent. The consent holder advised that he would make contact with the consents department to begin the process of obtaining a consent, as he would like to continue the cleanfill. In terms of the cleanfilling activity, there were no issues found during the inspection.

24 February 2021

At the time of inspection, the gate to the site was open, with a small truck dumping cleanfill on site. Some work had been undertaken to clean up the site since the previous inspection, which included the removal of at least five lengths of the stream piping. The consent holder was instructed to ensure that no further piping was installed. In relation to the cleanfilling activity, there was no unacceptable material located on site. There were also no issues regarding dust or odour at the time of the inspection. The consent holder was advised that he needed to reinstall silt retention structures as per consent condition 6, which required these to be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge. The consent holder was advised that installing silt retention structures in accordance with Guidelines for Earthworks in the Taranaki Region would achieve compliance with this condition.

9 June 2021

This inspection was undertaken during fine, sunny conditions. On arrival the site gates were open. The site appeared to be well used, but clean and tidy. The inspecting officer made contact with consent holder as there was some demolition material that had been dumped on site recently. The consent holder was instructed to ensure that this is to be checked and sorted before this is discharged over the tip face. All unacceptable material was to be removed and all painted material needed to be tested to ensure there was no lead based paint present and that, if found, all such material is to be removed. The consent holder undertook to ensure that this was done that day. The consent holder was again advised of the need to install silt retention devices. There were no issues with dust and or odour during the inspection.

5.2.2 Results of receiving environment monitoring

There are two established monitoring sites in the Waimoku Stream downstream of the cleanfill as shown in Figure 5.

Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate. During the year under review, there were no issues with the

quality of the discharge or receiving water noted at the time of the inspections. Therefore sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

5.2.3 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 the Bishops' conditions in resource consents or provisions in Regional Plans.

5.3 Discussion

5.3.1 Discussion of site performance

The receipt and discharge of material at the site was found to be generally well managed during the period under review. There was some unacceptable material from a demolition site found at the site on the final inspection of the monitoring period, however this had not been discharged over the tip face. The consent holder agreed to test the painted material for lead, and to remove any unacceptable materials from the site on the day of the inspection. This material was found to have been removed from the site at the subsequent inspection. The consent holder was instructed to install silt retention structures as per special condition 6 on two consecutive inspections. At the time of writing this report the silt retention structures had not been installed and enforcement action is being considered.

The renewed consent that was granted in June 2019 permits a total of approximately 70 m of existing piping on the site. The existing pipe to the current cleanfill toe is approximately 70 m long, although the cleanfill toe does not extend to the full area permitted by consent 5877-2. Consequently, any future extension of the cleanfill to utilise the full area permitted by the cleanfill consent will require a further piping/reclamation consent to be applied for. During the year under review it was found that additional piping had been installed without consent. The consent holder was instructed to remove this piping and this was done.

5.3.2 Environmental effects of exercise of consents

In stream works were undertaken to install piping without consent. This was removed.

5.3.3 Evaluation of performance

A tabular summary of Bishop's compliance record for the period under review is set out in Table 9 and Table 10.

Table 9 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
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

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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.
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 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		Good
Overall assessment of administrative performance in respect of this consent		Improvement required

Table 10 Summary of performance for BJ & LB Bishop's culvert consent 5888-2

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		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Reclamation of streambed using approximately 70 m of existing piping	Inspections	No. Additional unconsented piping installed
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		Improvement required
Overall assessment of administrative performance in respect of this consent		Improvement required

N/A = not applicable

An improvement in Bishop's environmental and administrative performance with their resource consents is required as defined in Section 1.1.5. During the year under review additional piping was installed in the

unnamed tributary of the Waimoku Stream that was not permitted by consent 5888-2.0. The piping was found to have been removed at the subsequent inspection. Silt retention structures had not been reinstalled at the toe of the cleanfill area as required by condition 6 of consent 5877-2 and requested at two inspections. Although unresolved at the end of the year under review, at the time of writing this report enforcement action was being considered

5.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2020-2021 year continues at the same level as in 2019-2020.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022 year. Recommendation 2 was not required.

5.3.5 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

5.4 Recommendations

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.

6 Dennis Wheeler Earthmoving Ltd – Paraite Road, Bell Block

6.1 Site description and activities

Dennis Wheeler Earthmoving hold consent 10234-1.0 to discharge cleanfill onto and into land, for the purpose of filling a gully on Paraite Road Bell Block. An ephemeral unnamed tributary of the Mangati Stream runs nearby to the cleanfill site.

The types of material accepted at their cleanfill are excess soil from building sites, bricks, concrete, stumps and other cleanfill material. On completion the area will be contoured and restored with topsoil and vegetated. The cleanfill will cover up to 0.7 ha and the approximate area is shown in Figure 6. The full extent of permitted is shown in the consent (Appendix I).

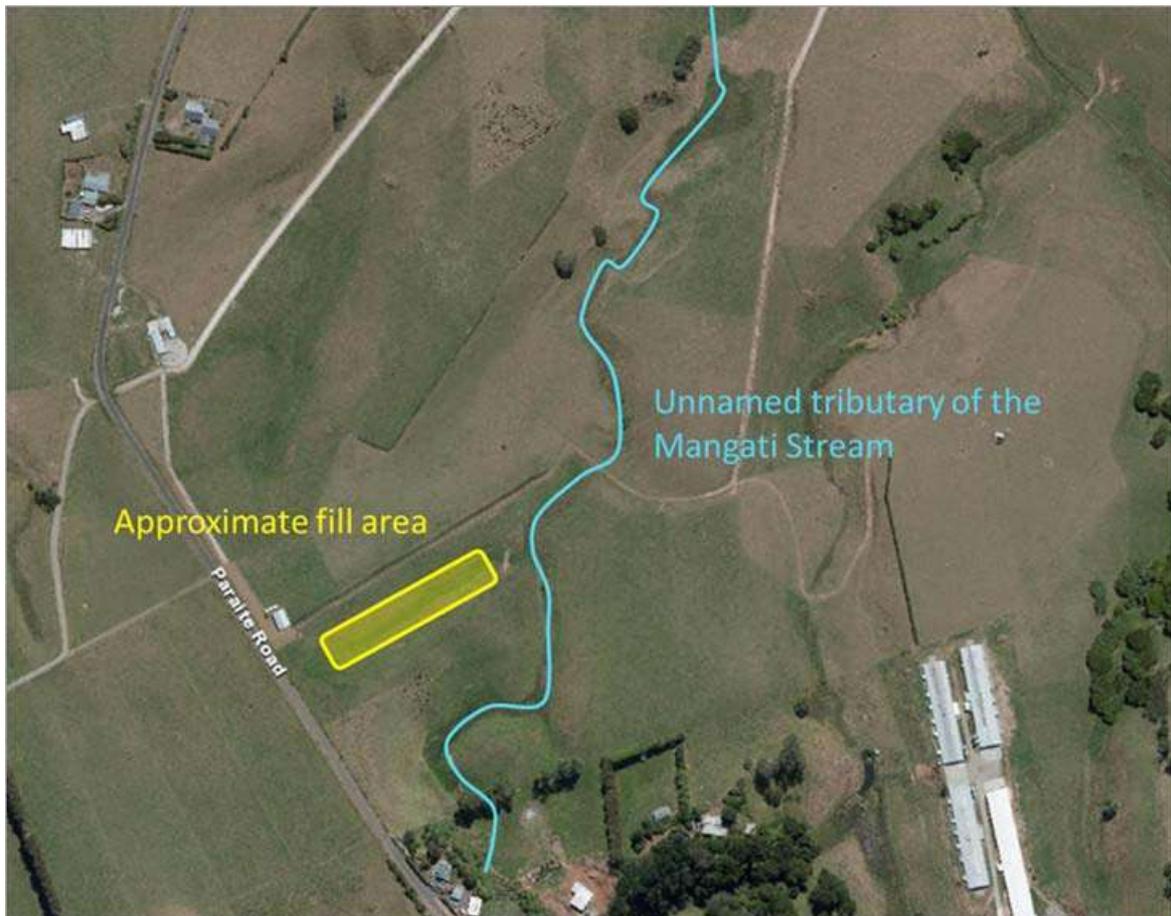


Figure 6 Location of Dennis Wheeler Earthmoving cleanfill Paraite Road, Bell Block

6.2 Results

6.2.1 Inspections

Dennis Wheeler Earthmoving's cleanfill site was inspected three times during the period under review.

6 August 2020

Upon arrival at the site, the gates to the site were open. It was noted that this was a large well maintained site, with no unacceptable material observed. There were two silt/sediment retention structures at the base of the fill face, which appeared to be sufficient at the time of inspection. During this inspection there was no discharge occurring into the receiving water. No samples were taken. There were no issues found with

respect to dust or odour during the inspection. Overall, the site was reported to be operating within consent conditions.

22 February 2021

At the time of inspection the site gates were locked and a closed sign had been erected. A truck arrived during the inspection and the inspecting officer was informed that the gates had been locked due to unknown people dumping on the site. A small amount of unacceptable material was located, which needed to be sorted and removed from the site. It was noted that the site had been well used since the previous inspection. The consent holder was contacted by phone during the inspection. The inspecting officer was informed that the site was ready for a digger to be brought onto site for cleaning, which would include, but not be restricted to, cleaning out the silt pond. The consent holder was told to refer to condition 7 for silt and sediment control requirements; *"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"*. At the end of the inspection it was noted that, overall, the consent holder was found to be compliant at the time of inspection.

9 June 2021

This inspection was carried out during fine sunny conditions. On arrival the site gates were shut, but unlocked. A bulldozer was being removed from the site. The site appeared to have been closed and it was observed that the land had been contoured. It was noted that the site was still to be stabilised and vegetated in a manner that would withstand subsidence, erosion or scouring. There were no issues with dust and or odour during the inspection.

6.2.2 Results of discharge and receiving environment monitoring

Due to the distance to the waterway, the diversion and treatment systems in place, and the nature of the material being disposed of at the site, there is no routine water sampling programmed for this cleanfill. No discharges were noted from the site to the receiving water during inspections.

6.2.3 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 Dennis Wheeler Ltd's conditions in resource consents or provisions in Regional Plans.

6.3 Discussion

6.3.1 Discussion of site performance

The site was generally well managed and no prohibited materials were noted as having been discharged to the fill face during the period under review. There was a small amount of unauthorised material found on site, but this was away from the tip face and was removed from the site. The site is now closed and contoured with only stabilisation and vegetation to be completed.

6.3.2 Environmental effects of exercise of consents

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

6.3.3 Evaluation of performance

A tabular summary of the consent holder's compliance record for the year under review is set out in Table 11.

Table 11 Summary of performance of consent for Dennis Wheeler Earthmoving Ltd cleanfill consent 10234-1.0

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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	Site still in use	N/A
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		High
Overall assessment of administrative performance in respect of this consent		High

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 Section 1.1.5.

6.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of Dennis Wheeler Earthmoving's cleanfill in the 2020-2021 year continues at the same level as in 2019-2020.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.

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

6.3.5 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

6.4 Recommendations

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.

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 permitted 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, with an additional site visit undertaken to discuss closure requirements.

6 August 2020

At the time of inspection, the gates to the site were locked with a “Dump Closed” sign displayed. It was noted that this site was large and had been well used. There was no sign of any unacceptable material observed at the time of inspection. It was reported that discharges at the site appeared to be completed, with parts of the site being reinstated. It was noted however, that if this was the case, more work needed to

be undertaken to ensure that all the area was stabilised and grassed. Overall, there were no other issues noted and the site was found to be compliant.

2 November 2021

This visit to the site was carried out with two representatives from Downer to discuss the actions required to meet the requirements of condition 8 of consent 9532-1; *"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"*. It was identified at this visit that there was cleanfill material such as concrete visible, that the batter was quite steep and that there would be the potential for rilling to occur in the capping material applied at the site from stormwater running down from the upper level. It was agreed that although the site would be closed to general disposal, selected material that was suitable for capping and contouring the site would continue to be discharged at the site. Methods of ensuring that the stormwater was controlled in a way that would prevent erosion of the cap were discussed. It was agreed that Downer would draft a closure plan for the site that would address contouring, capping, stormwater drainage and related matters, so that the consent requirement of on-going stability of the site is complied with in preparation for consent surrender.

23 February 2021

Upon arrival at the site the gates were closed and the site appeared to have not been used since the last visit with Downer Staff. There was no noticeable work undertaken in attempt to stabilise or revegetate the site. It would appear that none of the measures spoken about during previous site meetings have been actioned. It was recommended by the investigating officer to provide a plan moving forward of how and when this will commence. Overall, the site was compliance with consent conditions.

9 June 2021

At the time of inspection it was fine sunny conditions. On arrival at the site gates were closed with a "Dump Closed" sign displayed. Some stabilisation and vegetation that was in a manner that would withstand subsidence, erosion or scouring had taken place since the last inspection. There were no issue to note with respect to dust or odour and the site was being operated within consent conditions.

7.2.2 Results of receiving environment monitoring

Due to the distance to the waterway, the diversion and treatment systems in place, and the nature of the material being disposed of at the site, there is no routine water sampling programmed for this cleanfill. No discharges were noted from the site to the receiving water during inspections.

7.2.3 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 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.

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 tabular summary of Downer's compliance record for the period under review is set out in Table 12.

Table 12 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
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		High
Overall assessment of administrative performance in respect of this consent		High

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 Section 1.1.5.

7.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Downer's Dorset Road cleanfill in 2020-2021 year continues at the same level as in 2019-2020.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

7.4 Recommendations

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.

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 permitted is shown in the consent (Appendix I).

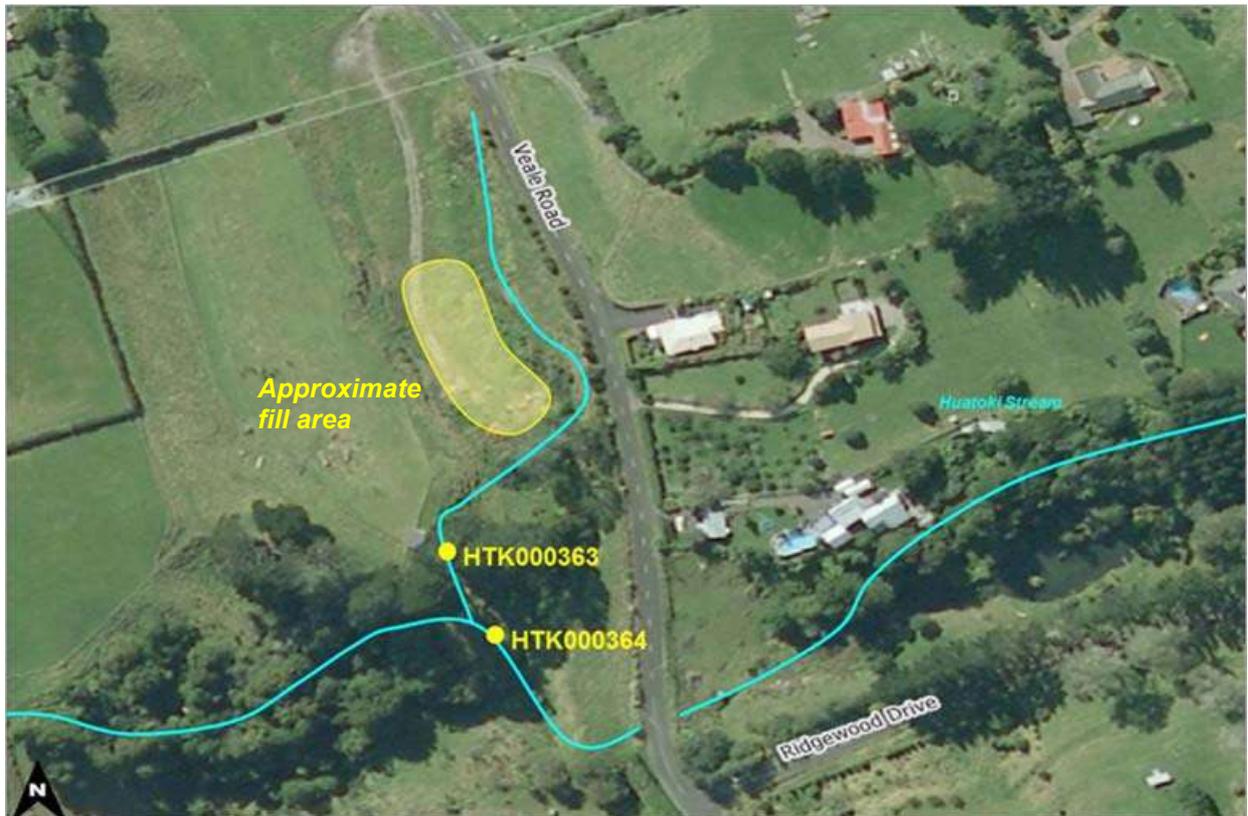


Figure 8 Downer EDI Works Ltd's cleanfill and sampling sites, Veale Road, New Plymouth

8.2 Results

8.2.1 Inspections

The Downer Veale Road cleanfill was inspected on three occasions during the period under review, with an additional site visit undertaken to discuss erosion and sediment control and closure requirements and the extent of the fill area provided for by the consent.

10 August 2020

Upon arrival at the site the gates were open. It was noted that the site was large and has been well used. There was a very small amount of unacceptable material found at the site but this had been placed to one side, to be disposed of in the near future. It was reported that some good work had been completed at the tip face and silt structures had been put in place. It was noted that, at the moment, the tip face was starting to vegetate and this was helping considerably with silt retention. The inspecting officer advised that the tip

face should not get extended. There were no other issues at this inspection relating to odour or dust and the consent holder was found to be compliant.

2 November 2021

This visit to the site was carried out with two representatives from Downer to discuss the actions required to ensure that erosion and sediment control and closure requirements and the extent of the fill provided for by the consent were complied with. It was found that the fill site could not be extended any closer to the unnamed tributary of the Huatoki Stream. The silt control requirements were discussed and the Downer representatives were reminded of the abatement notice issued following a non-compliance with this consent requirement in September 2019. It was agreed that a copy of the Incident Summary Report and the abatement notice would be forwarded following the inspection. It was also confirmed that the abatement notice does not have an "end date" and needs to be complied with at all times. It was agreed that a closure plan would also be developed for this site that would address contouring, capping, stormwater drainage and related matters, so that the consent requirement of on-going stability of the site is complied with in preparation for consent surrender.

23 February 2021

At the time of inspection the gates to the site were open. It was noted that the site currently had a hot wire around it to keep stock out. The site appeared to have been well used, but there did not appear to have been any recent activity. The consent holder was notified that the silt fence required immediate maintenance. No dust or odour issues during today's consent.

9 June 2021

This inspection was undertaken during fine sunny conditions. On arrival the site gates were open, and it was noted that an area was currently fenced off. There had been little, if any, use of the site since the last inspection. It was noted that the silt fence needed a small amount of maintenance. There was no unauthorised material located within the site and no issues were found with respect to dust or odour during the inspection. Overall, the consent holder was operating within consent conditions.

8.2.2 Results of receiving environment monitoring

Routine water quality sampling is undertaken at the sampling site locations shown in Figure 8.

Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate. During the year under review, there were no issues with the quality of the discharge or receiving water noted at the time of the inspections. Therefore sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

8.2.3 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 Downer EDI Works Ltd's 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 is required to ensure on-going compliance with this aspect of the consent and the abatement notice issued in September 2019.

8.3.2 Environmental effects of exercise of consents

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

8.3.3 Evaluation of performance

A tabular summary of Downer's compliance record for the period under review is set out in Table 13.

Table 13 Summary of performance for Downer EDI Works Ltd's Veale Road cleanfill consent 5213-2

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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 required at two 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. 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		High
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

During the year, Downer demonstrated a high level of environmental performance and a high level of administrative performance with their Veale Road resource consent as defined in Section 1.1.5. However, 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 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Downer's Veale Road cleanfill in the 2020-2021 year continues at the same level as in 2019-2020.

2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022 year. Recommendation 2 was not required.

8.3.5 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

8.4 Recommendations

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 scheduled 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.

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 permitted is shown in the consent (Appendix I).



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

The consent is due to expire 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. At the time of writing this report Downer had advised Council that they were still considering their options.

9.2 Results

9.2.1 Inspections

The Downer cleanfill on South Road was inspected on three occasions during the period under review. An additional site visit was undertaken at the request of the consent holder to discuss the issues that may be associated with an application to further extend the site.

14 August 2020

Upon arrival at the site the gates were closed and locked. It was observed that there was one small truck on site unloading a small load of acceptable material. The site was large and well used with no unacceptable materials observed to have been discharged to the tip face. There was a small amount of green waste, which had been placed to one side and would require removal from the site. A silt pond was in place, which appeared to be working well. There were no dust or odour issues found during the inspection. The site appeared to be operating within consent limits.

28 October 2021

The site was visited to ascertain whether the National Policy Statement for Freshwater Management 2020 (NPS-FM) and/or the Resource Management (National Environmental Standards for Freshwater) Regulations 2020 (NES-FW) would raise any matters that would need to be taken account of in an application to extend the cleanfill site. It was concluded that, as there is an unnamed tributary running through the gully and that there is a wetland at the bottom of the gully. Downer were advised that an application for an extension of the site would need to take account of both of the NPS-FM and the NES-FW.

4 March 2021

At the time of inspection, the gates to the site were closed and locked. It was noted that the site continued to be well used and no unacceptable materials were found to have been discharged to the tip face. There were a few of old broken power poles at the top of the tip face that had exposed steel reinforcing showing. The consent holder was informed that this steel needed to be removed as soon as possible. A silt pond was in place and appeared to be working well. There were no dust or odour issues noted throughout the inspection and the site was compliant with consent conditions.

22 June 2021

This inspection was carried out during fine sunny conditions. On arrival on site, gates were closed and locked. The site appeared to be clean and tidy. There was some concrete on site that had, some steel rebar was exposed. The consent holder was informed that this would need to be removed before the concrete power poles containing the exposed steel are pushed over the tip head. Apart from the rebar there were no other unacceptable materials found. There were also no issues with dust or odour found during the inspection and it was reported that at the time of the inspection, the consent holder was complaint with consent conditions.

9.2.2 Results of receiving environment monitoring

Routine water quality sampling is undertaken in the unnamed tributary of the Tawhiti Stream approximately 100 m below the cleanfill, at the sampling site locations shown in Figure 9.

Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate. During the year under review, there were no issues with the quality of the discharge or receiving water noted at the time of the inspections. Therefore sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

9.2.3 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 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 well managed during the monitoring period. Although there were unauthorised materials dropped off at the site, these were removed prior to discharge. There were no dust, odour or ponding issues at the site at the time of the inspections.

It is noted that this consent is due to expire 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. At the time of writing this report Downer had advised that they were still considering their options in relation to a potential consent renewal. As a result the consent holder was reminded of the requirement to reinstate the site according to the site Management Plan prior to expiry of the current consent, should the consent not be renewed.

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 14.

Table 14 Summary of performance for Downer EDI Works Ltd's (South Road) cleanfill consent 6964-1

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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
5. No discharge of prohibited materials listed in the consent	Inspections	Yes
6. Dried silt from water treatment plants to be spread thinly and mixed with other material	Inspections	Yes
7. Maximum volume of 350 m ³ of dried silt can be applied per year	Inspections	Yes

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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 before expiry 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		High
Overall assessment of administrative performance in respect of this consent		High

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 Section 1.1.5.

9.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Downer's South Road cleanfill in the 2020-2021 be amended from that of 2019-2020 to include iron and zinc determination.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022 year. Recommendation 2 was not required.

9.3.5 Alteration to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

9.4 Recommendations

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

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.

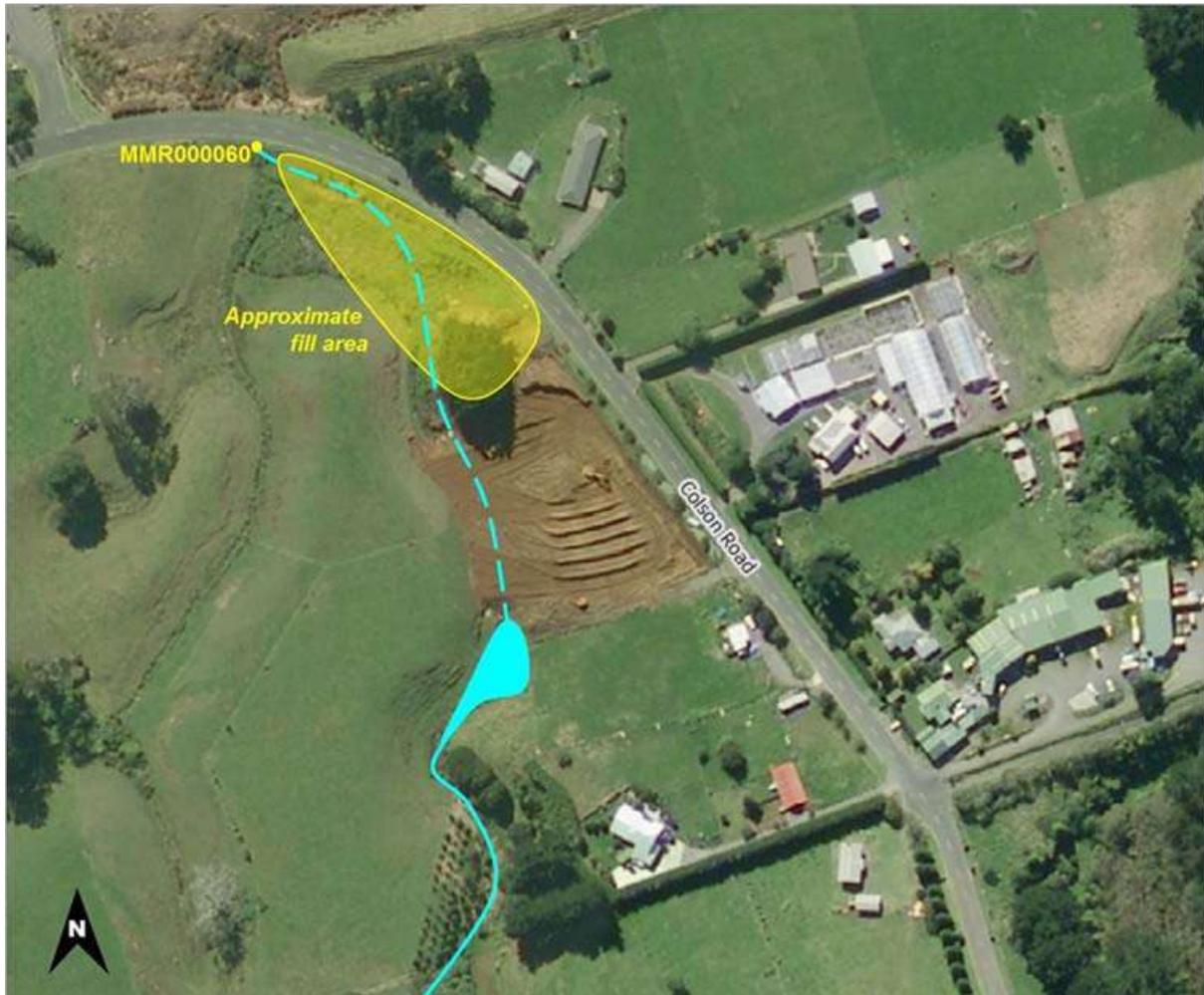


Figure 10 Gas and Plumbing Ltd's cleanfill and sampling site at Colson Road, New Plymouth

10.2 Results

10.2.1 Inspections

The Gas and Plumbing Ltd cleanfill was inspected on three occasions during the period under review.

10 August 2020

At the time of inspection the gates to the site were open. The site is small with little use. It was noted that it appeared that it was possible that a couple of trailer loads of fill had been discharged at the site since the last inspection. No unacceptable material was observed at the site. There were no other issues noted with dust or odour from site. Overall, the site was found to be compliant.

23 February 2021

At the time of inspection it was noted that the site appeared to have had no use since the last inspection. There were no issues to note with respect to dust or odour, and the site was found to be compliant with the consent conditions.

14 June 2021

This inspection was carried out during persistent rain. On arrival on site gates were open. Again, there was no visual evidence that site had been used since the previous inspection. There were no issues with dust or odour throughout the inspection. Overall, the site was operating within 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. During the year under review, there were no issues with the quality of the discharge or receiving water noted at the time of the inspections. Therefore sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

10.2.3 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 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 15.

Table 15 Summary of performance for Gas and Plumbing's cleanfill consent 7165-1

Purpose: To discharge cleanfill onto and into land in the vicinity of an unnamed tributary of the Mangaone Stream		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge only in specified area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes

Purpose: To discharge cleanfill onto and into land in the vicinity of an unnamed tributary of the Mangaone Stream		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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		High
Overall assessment of administrative performance in respect of this consent		High

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 Section 1.1.5.

10.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Gas and Plumbing's cleanfill in the 2020-2021 year continues at the same level as in 2019-2020.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022 year. Recommendation 2 was not required.

10.3.5 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022.

10.4 Recommendations

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 scheduled 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.

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.

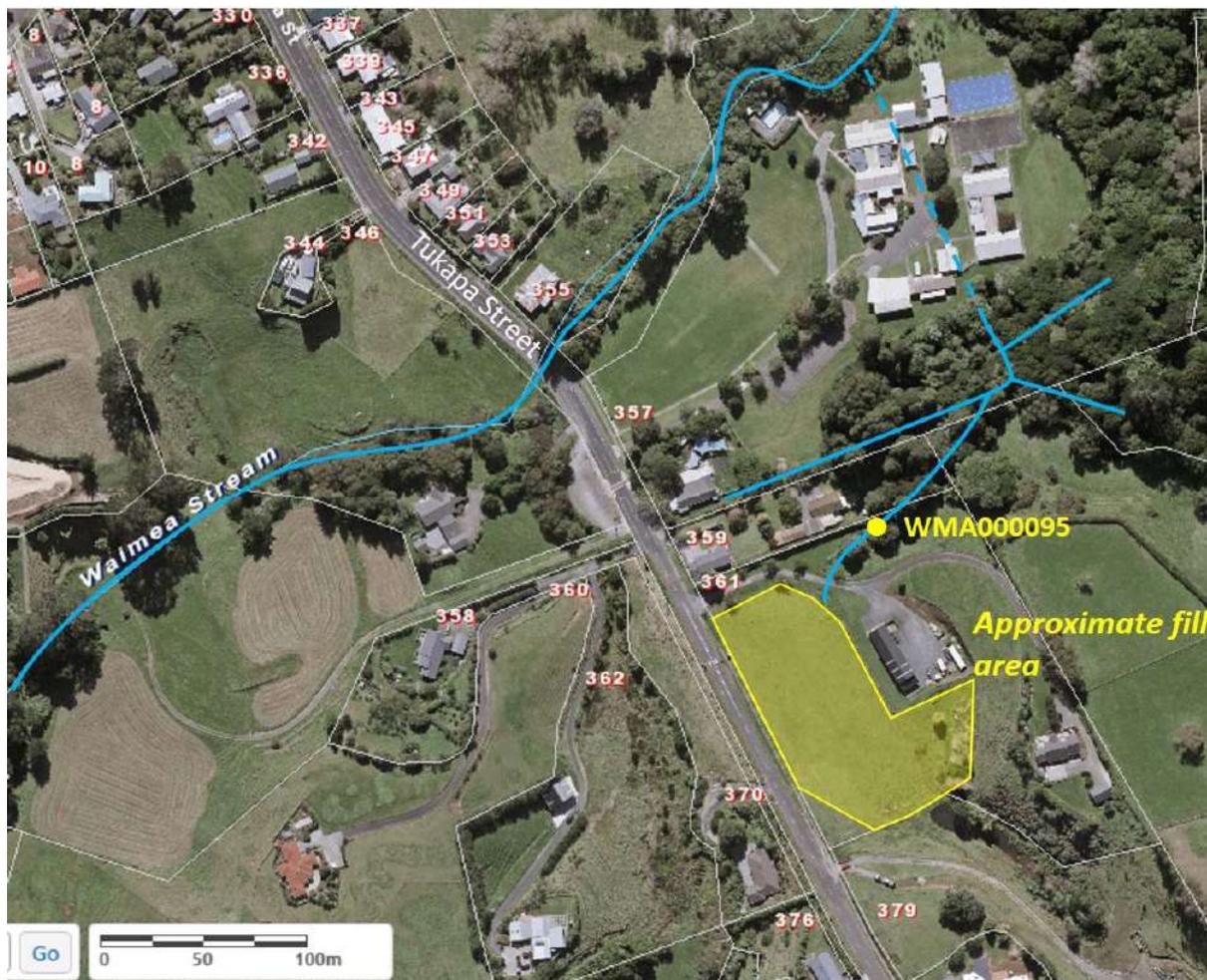


Figure 11 Smudgy Developments cleanfill and sampling site on Tukapa Street, Hurdon

11.2 Results

11.2.1 Inspections

10 August 2020

At the time of inspection it was found that the gates to the site were shut. The site was large and well used with no unacceptable materials observed. A large silt retention structure had been constructed. There was no discharge occurring at the time of inspection. The Inspecting Officer recommended installing a silt fence type structure in the stream on the school side of the driveway, as this would assist in ensuring that no sediment or silt enters further down the stream.

23 February 2021

The inspection was carried during fine and still conditions. The site was again well used, with only cleanfill being discharged at the site. Good records were being kept as required by special condition 7. There was a large silt catchment area at the bottom of the cleanfill. A digger was on site contouring some land and completing a general tidy up. The inspecting officer was informed that the intention was to follow this with getting some grass seed down. It was noted that there were some sprinklers in place. The Inspecting Officer advised the Company that, although there had been no dust issues to date, the sprinklers in place may not be sufficient to keep dust from discharging off site. It was reported that, as discussed at the previous inspection, it would be good to see a silt retention device installed in the stream alongside the school. Overall, it was noted that the site appeared to be well run and well maintained.

14 June 2021

This inspection was carried out during persistent rain. On arrival on site gates were open. It was found that the site again appeared to be well maintained. It was noted that some work was being undertaken to develop site and revegetate where possible. It was observed that, whilst water was discharging from the site, there was no deleterious effects downstream. Therefore no samples were taken. There were no issues with dust or odour found during the inspection.

11.2.2 Results of discharge and receiving water monitoring

The consent limits the suspended solids concentration of the discharge from the site to 100 g/m³. A monitoring site has been established at the boundary of the site (WMA000095, Figure 11).

Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate.

At the time of the inspections, there was either no discharge occurring or there were no visible effects noted at the time of inspection, the sampling scheduled for the 2020-2021 year was deferred to be carried out in the spring of 2021-2022.

11.2.3 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 Bailey'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 16.

Table 16 Summary of performance for Smudgy Developments cleanfill consent 10585-1.0

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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 ⁵ 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

⁵ 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*

Purpose: To discharge cleanfill onto and into land		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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
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		High
Overall assessment of administrative performance in respect of this consent		High

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 Section 1.1.5.

11.3.4 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, the site be removed from the monitoring programme as there occurring at the site that required the expiring consents to be renewed.

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 2020-2021.

11.3.5 Exercise of optional review of consent

Resource consent 10585-1.0 provides for an optional review of the consent in June 2022. Condition 15 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 monitoring in the year under review, it is considered that there are no grounds that require a review to be pursued.

11.4 Recommendations

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.

12 TPJ Partnership – Rainie Road, Hawera

12.1 Site description and activities

TPJ Partnership (TPJ) was granted consent 10202-1 on 26 January 2016 to discharge cleanfill to land in the vicinity of an unnamed tributary of the Inaha Stream, and where there is potential for contaminants to enter the stream. The site is located at Rainie Road, Hawera and is surrounded by farmland. The material is being used to fill up a gully covering a horizontal area of up to 1 ha (Figure 12), which contains approximately 160 m of an unnamed tributary of the Inaha Stream. The approximate fill area is shown in the figure below. The full extent permitted is shown in the consent (Appendix I).

The application indicated that the cleanfill material would predominantly be construction and demolition waste. This is not typical for cleanfills in the region, which normally only accept minor amounts of acceptable materials from this type of waste stream.

As a result consent 10202-1 contains additional conditions that require:

- Notice to Council and provision of discharge material details prior to discharge, so that the Council has the opportunity to monitor the works for compliance with consent conditions (condition 6); and
- Record keeping that includes details of the source, nature and volumes of the materials discharged to allow effective monitoring of the operation and any associated effects on the surrounding environment (condition 7).

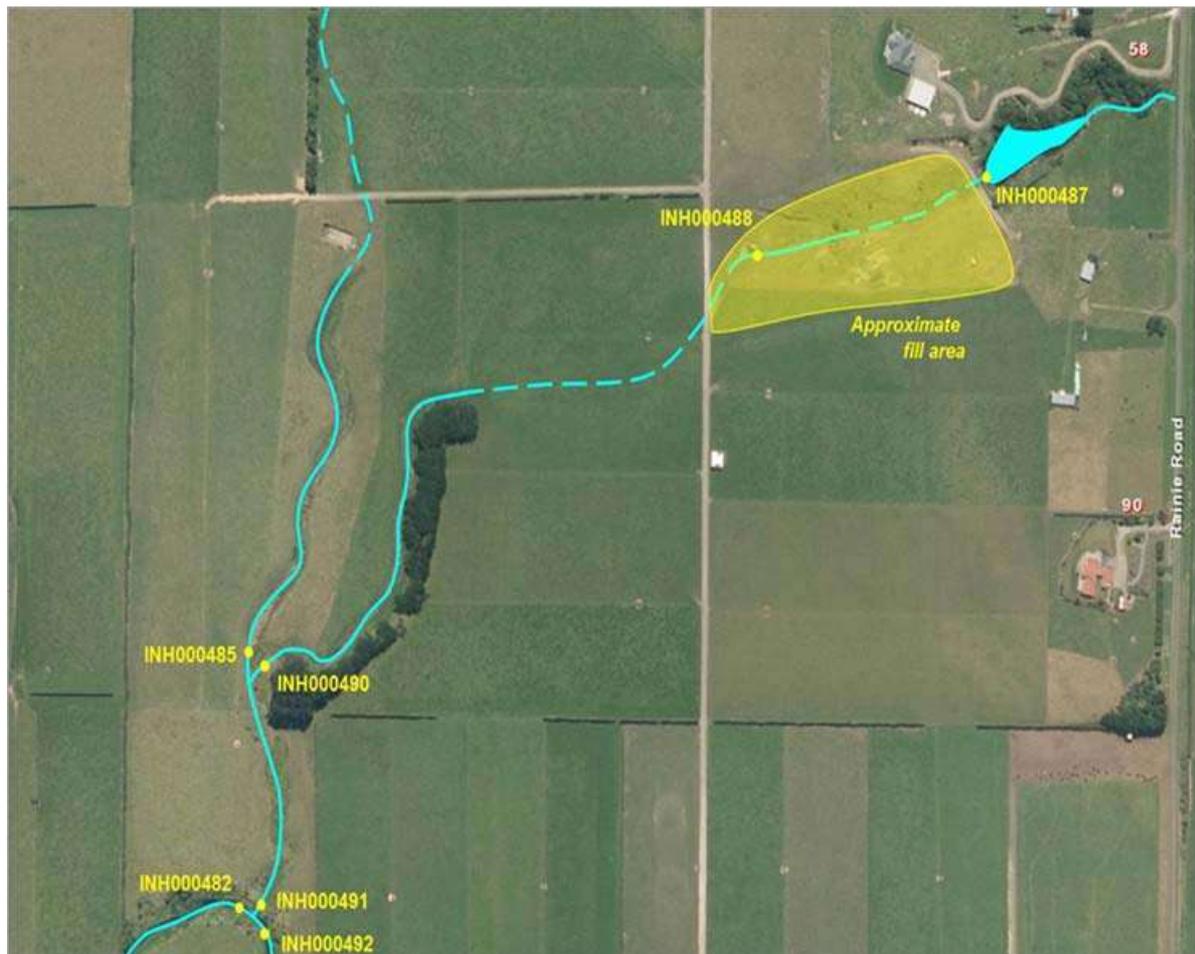


Figure 12 TPJ Partnership's cleanfill and sampling sites at Rainie Road, Hawera

The proposal to operate a greenwaste facility at the site has not been pursued.

Consent 10209-1 was also granted on 26 January 2016, to allow piping of two unnamed tributary of the Inaha Stream. The piping consent is for the 675 m of piping of two unnamed tributaries of the Inaha Stream which had been undertaken without the necessary authorization. In addition the consent provided for the future piping of another 45 m section of the stream (Figure 13). The proposed 45 m long piping is to be undertaken in associated with the discharge of contaminants to land being assessed under application 10202 and it is expected that the proposed piping will be completed over a three year period, depending on how long it takes to fill the gully. An application to vary this consent was received and a varied consent granted on 12 June 2019 to change the date by which the riparian planting needed to be completed.

In terms of the piping undertaken prior to the granting of the consent, approximately 115 m of piping was undertaken approximately three years ago, while the remaining (approximately 600 m) was undertaken at different stages over an 18 year period. There was little, if any, information provided to Council regarding the nature of the fill used above these culvert pipes.

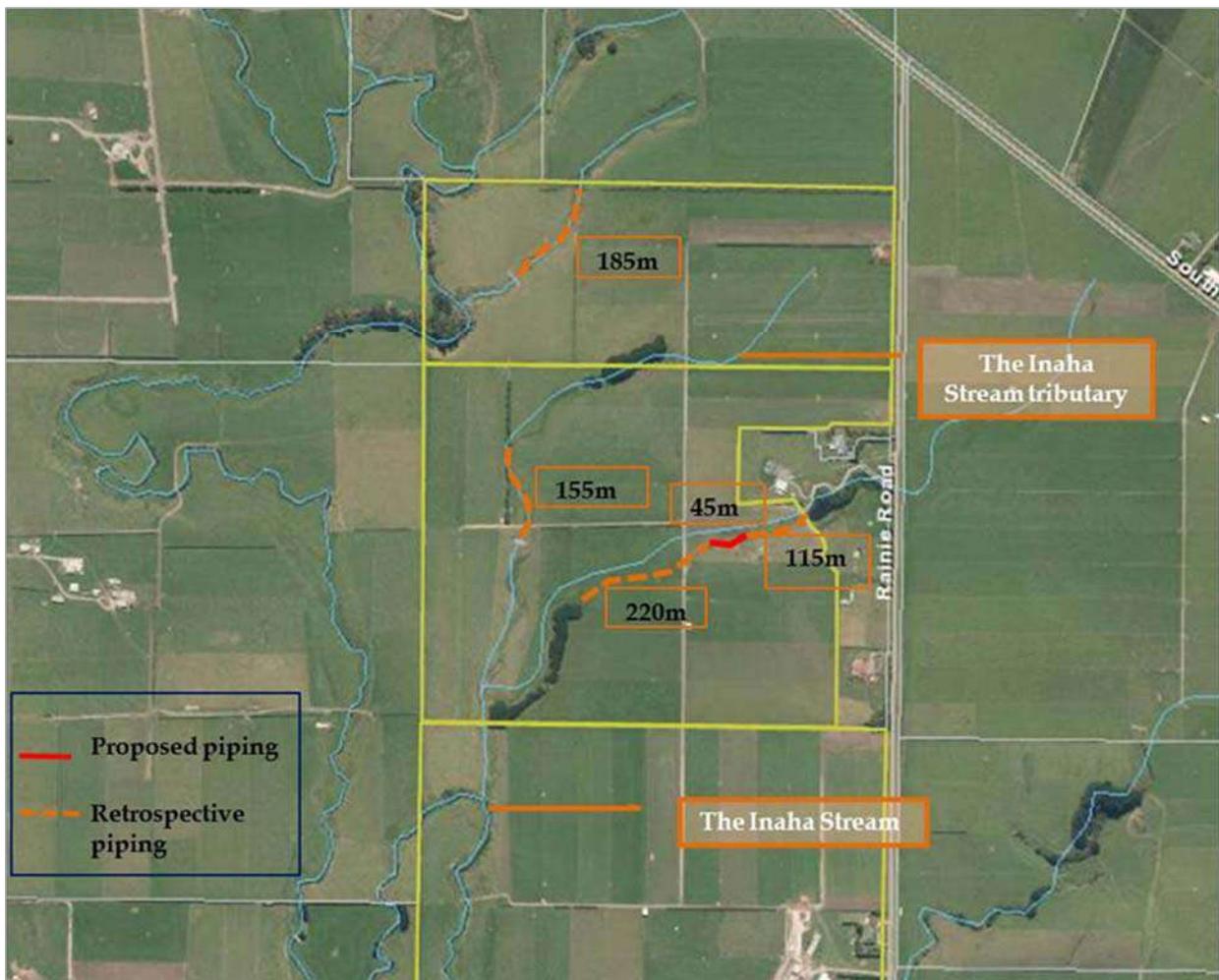


Figure 13 Map of TPJ Partnership retrospective and proposed piping

An application to change the consent was received on 7 July 2020 to allow for the disposal of steel provided that it is encased in concrete and painted construction material such as timber and concrete on the condition that it does not contain lead.

The application was put on hold awaiting further information. The changed consent was granted on 6 November 2020. Changes were made to the conditions of the previous version of the consent in order to

limit the potential effects of the additional construction and demolition materials provided for. These included conditions that;

- Prohibited the disposal of painted material that had not been shown to be free of lead,
- Clarified the requirements of the prior notification of the discharge of materials other than virgin excavated material, and record keeping,
- Required the provision, maintenance and adherence to a Council certified site Management Plan, and
- Included provision for the consent to be reviewed following notification in June of any year.

12.2 Results

12.2.1 Data review

The consent holder is required to contact Council regarding the disposal of material, particularly when there is any doubt about whether or not it is acceptable under the conditions of the consent. The changed consent that clarified that the notification to Council is required at least two working days prior to the discharge of any material other than virgin excavated material. The condition, which also includes a list of the minimum information that is to be provided in the notification, was effective from 6 November 2020.

During the year under review lengthy discussions took place regarding the acceptability of operating a sludge drying operation within the designated cleanfill area following the issuing of an abatement notice in May 2020. TPJ were advised that this activity could not be carried out at the cleanfill site, as condition 4 of the consents prohibited the discharge of sludge within the consented cleanfill area.

In October 2020 there was an approval sought by a party wanting to discharge painted concrete at the site. This was approved following the material having been tested and shown to be free of lead.

The next notification received was in April 2021. Notification was received from a party wanting to dispose of material at the site. A small truckload of rocks, pavers, stumps and top soil were to be discharged at the cleanfill site on 1 May 2021. A number of additional notifications were received during May and June 2021, however these notifications were received directly from the discharger and did not contain the specified information required by the consent. This was still under discussion at the end of the monitoring period as part of TPJ addressing the Management Plan conditions required by the consent.

The changed consent required that the site be operated in accordance with a Management Plan that had been approved by the Council by 31 December 2020. A reminder that this plan had not yet been received by Council was sent to TPJ on 16 February 2021. A draft Management Plan was received by the Council for comment on 24 February 2021, with further revisions received on 16 March 2021. On 17 March 2021 TPJ were advised that there were still a number of changes and additions that would be required for the Council to be able to certify the plan. Further revised plans were received during June 2021, with the version acceptable for certification received in July 2021.

12.2.2 Inspections

The TPJ cleanfill was inspected four times during the period under review.

19 August 2020

The gates to the site were open on arrival at the site and there was evidence of recent discharges having occurred. It was evident that the material had come from the demolition of a building. While the inspecting officer was on site a truck arrived with another load of the same material. It was ascertained that this material was coming from a demolition site on Argle Street, Hawera. This load was prevented from being discharged at the site. The material located in the face of the fill included paper, cardboard, textiles (lino), steel, galvanised steel and electrical cable. Photos and video of the material was obtained along with photos

of the log book, which if filled in would be collected by the consent holder. At the time the inspecting officer was leaving the site another truck arrived. About 4 cubic meters of sludge was discharged at the site. It was ascertained that this material had come from directional drilling on Victoria Street, Hawera. Again pictures were obtained of the entry in the log book. The consent holder was advised that this was unauthorised material as per the consent. Enforcement action was undertaken as described in Section 12.2.5.

18 February 2021

The gates were open on arrival at the site. There was evidence of recent discharges found. It was observed that there was a small tip truck unloading broken concrete with some exposed rebar. It was apparent that the site had been well used since the previous inspection. There were a number of piles located on site, including a large pile of GIB plaster-board. The documentation was found located in a small office building at the entrance to this site. It was found that the paper work had not been altered since the previous inspection and as such was in breach of consent conditions. It was noted that the Management Plan due by 31 December 2020 had not been submitted to Council. The consent holder was spoken to and he undertook to have the exposed steel removed. It was reported that the consent holder was determined to be non-compliant with consent conditions. The consent holder was advised that an abatement notice and an infringement notice would be issued with regards to inadequate record keeping.

8 April 2021

A follow-up inspection was undertaken to assess the consent holder's compliance with special condition 8 of consent 10202-1.1 that requires the consent holder shall keep a record of the material discharged at the site. The consent requires that *"this record shall be maintained and provided to the Chief Executive, Taranaki Regional Council in a form and at a frequency that may request. The record kept shall include as a minimum: the information required to be provided by condition 7 (including information for virgin excavated material); full details of testing for the presence of lead on painted materials, including the; date of the test; method of testing; results of the testing; name of the person who undertook the testing; results and methods used to ensure that any timber or wooden material is untreated and does not contain fillers, sealers or glues"*. At time of this inspection it was found there had been no change in the record keeping at the site since the previous inspection. The site was therefore found non-compliant with this consent and the abatement notice issued on 3 March 2021.

22 June 2021

The inspection was carried out during fine conditions. On arrival the site gates were unlocked and open. The site was found to have been well used, and there were piles of demolition material still present on site. However, these piles were stacked off to one side. There was a small amount of rebar protruding from some broken concrete. The consent holder was instructed to ensure this was removed prior to pushing the material over the tip face. It was found that there were still issues arising around the correct process of reporting on the material discharge at the site. The documentation on site did not contain the relevant information required by consent condition 8.

12.2.3 Riparian planting

In the previous monitoring period, the consent was varied in June 2019 to allow for riparian planting and fencing specified by the Riparian Management Plan for the property to be completed by 1 August 2020, as only 63% of that required by June 2018 had been completed. During the year under review, it was found that given that the areas planted, technical compliance with the consent conditions had been achieved. However, due to the poor survival rate in some areas, some in fill planting was required before the plan could be properly signed off.

12.2.4 Results of discharge and receiving water monitoring

There are two established sites that are scheduled for routine sampling at this cleanfill site (Figure 12, sites INH000488 and INH000490). The parameters routinely monitored at this cleanfill are pH, conductivity, ammoniacal nitrogen, suspended solids, sulphate, arsenic, copper, lead, and zinc. As the TPJ site is an atypical cleanfill, if any issues are found, initially an additional range of parameters will be monitored, with provision for the additional sampling sites to also be sampled if required.

Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate.

At the time of the inspections there were no visible effects noted, therefore the sampling scheduled for the 2020-2021 year was deferred to be carried out under wetter conditions in the spring of 2021-2022 to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

12.2.5 Investigations, interventions, and incidents

Table 17 below sets out details of any incidents recorded, additional investigations, or interventions required by the Council in relation to the consent holder's activities during the 2020-2021 period. This table presents details of all events that required further investigation or intervention regardless of whether these were found to be compliant or not.

Table 17 Incidents, investigations, and interventions summary table

Date	Details	Compliant (Y/N)	Enforcement Action Taken?	Outcome
18 Aug 2020	Prohibited materials discharged. This was in contravention of an abatement notice issued 18 May 2020	N	Letter of explanation requested. No response received. Infringement notice issued	Material removed promptly
18 Feb 2021	Insufficient notifications and record keeping	N	Abatement notice and infringement notice issued	Reinspection found that the abatement notice was not being complied with. Further re-inspection found the abatement notice was in the process of being complied with. A Management Plan was subsequently developed for the site

12.3 Discussion

12.3.1 Discussion of site performance

During the year under review, it was found that on one occasion prohibited material had been discharged that was in contravention of an abatement notice issued in May of the previous monitoring period following a similar incident. There had also been no prior notification of the intended discharges in contravention of condition 6 of the consent. On another occasion concrete with exposed rebar had been discharged. The consent holder undertook to remove this promptly. In the 2020-2021 year, the consent holder failed to provide prior notifications of discharges being undertaken at the site that complied with the requirements

of the consent and to ensure that adequate record keeping was maintained. Abatement and infringement notices were issued. There were also significant delays with the provision of a Management Plan for certification that adequately addressed the conditions of the consent. At the end of the period under review, the Management Plan had been certified. Inspection had found that although improvements had been made in terms of control over the material discharged to the site, further improvements were still required. The consent holder was in the process of improving the notifications and record keeping to the standard required by the consent.

12.3.2 Environmental effects of exercise of consents

During inspections, no significant adverse effects on the environment were observed as a result of the cleanfill operation. Unconsented material that had the potential to result in environmental effects continued to be found having been discharged at the site, but this was removed promptly following the inspections.

12.3.3 Evaluation of performance

A tabular summary of TPJ's compliance record for the period under review is set out in Table 18, Table 19 and Table 20.

Table 18 Summary of performance for TPJ Partnership's cleanfill consent 10202-1, in effect 1 July 2020 to 6 November 2020

Purpose: To discharge cleanfill and inert materials onto and into land, where contaminants may enter into an unnamed tributary of the Inaha Stream		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notify at least seven days prior to commencement of fill operations	Review of Council records and inspections. Previously complied with	N/A
2. Discharge fill in permitted area only	Inspections	Yes
3. Only discharge cleanfill and/or inert materials	Inspections	No. Unauthorised materials discharged in contravention of abatement notice issued 18 May 2020. Infringement notice issued
4. No discharge of prohibited materials listed in the consent	Inspections	No. Unauthorised materials discharged in contravention of abatement notice issued 18 May 2020. Infringement notice issued

Purpose: To discharge cleanfill and inert materials onto and into land, where contaminants may enter into an unnamed tributary of the Inaha Stream		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
5. If the acceptability of a substance is uncertain, obtain approval from the Council	Inspection and review of Council records	No. Unauthorised materials discharged without approval
6. Notify Council at least two days prior to any discharge on site	Review of Council records and inspections	No
7. Record discharger, source, nature, volume and date of any discharges and provide information to Council if requested	Inspection, check of Council records	No. Sufficient information not being recorded
8. Install and maintain stormwater diversion drains	Inspections	Yes
9. Minimise effects on water	Inspections and sampling	Yes
10. Capping, contouring and stabilisation requirements	Inspections	Yes
11. Limits on effects in receiving waters	Inspections	Yes
12. Adopt best practice	Inspections	No. Unauthorised materials discharged in contravention of abatement notice issued 18 May 2020. Infringement notice issued
13. Lapse period	Consent has been exercised	N/A
14. Optional review provision re environmental effects	Next review June 2021	N/A
Overall assessment of environmental performance in respect of this consent		Poor
Overall assessment of administrative performance in respect of this consent		Poor

N/A = not applicable

Table 19 Summary of performance for TPJ Partnership's cleanfill consent 10202-1, in effect 6 November 2020 to date

Purpose: To discharge cleanfill and inert materials onto and into land, where contaminants may enter into an unnamed tributary of the Inaha Stream		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notify at least seven days prior to commencement of fill operations	Review of Council records and inspections. Previously complied with	N/A
2. Discharge fill in permitted area only	Inspections	Yes
3. Only discharge cleanfill and/or inert materials	Inspections	No
4. No discharge of prohibited materials listed in the consent	Inspections	No
5. Negative lead test required to discharge painted material	Inspections and review of consent holder and Council records	Yes
6. If the acceptability of a substance is uncertain, obtain approval from the Council	Inspection and review of Council records	Yes
7. Notify Council at least two days prior to any discharge on site. Notifications to include specific information	Review of Council records and inspections	No
8. Record discharger, source, nature, volume and date of any discharges and provide information to Council if requested	Inspection, check of Council records	No. Abatement and infringement notices issued
9. Install and maintain stormwater diversion drains	Inspections	Yes
10. Minimise effects on water	Inspections and sampling	Yes
11. Capping, contouring and stabilisation requirements	Inspections	Yes
12. From 31 December 2020 site to be operated in accordance with Management Plan prepared by consent holder and certified by Council	Inspections and review of council records. On-going discussions over Management Plan content February to June 2021	No. Plan certified July 2021
13. Limits on effects in receiving waters	Inspections	Yes
14. Adopt best practice	Inspections	No
15. Lapse period	Consent has been exercised	N/A

Purpose: To discharge cleanfill and inert materials onto and into land, where contaminants may enter into an unnamed tributary of the Inaha Stream		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
16. Optional review provision re environmental effects	Next review June 2021	N/A
Overall assessment of environmental performance in respect of this consent		Improvement required
Overall assessment of administrative performance in respect of this consent		Improvement required

N/A = not applicable

Table 20 Summary of performance for TPJ Partnership's culvert installation consent 10209-1.1

Purpose: To install piping in unnamed tributaries of the Inaha Stream, including associated streambed disturbance and reclamation		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Specifies area where pipe can be laid and piped reach filled	Not assessed	N/A
2. Specifies minimum pipe diameter	Not assessed	N/A
3. Recontour to define secondary flow path	Not assessed	N/A
4. Specifies dimensions of secondary flow path	Not assessed	N/A
5. Specifies installation methods	Not assessed	N/A
6. Maintain pipe and secondary flow path to prevent blocking	Not assessed	N/A
7. Notify Council at least two days prior to work commencing	Not assessed	N/A
8. Fencing and riparian planting to be completed by 1 August 2020	Inspection	Technical compliance achieved, with some in fill planting to be undertaken
9. One-off payment to enhance wetland and stream habitat	Not assessed	N/A
10. Take all practicable steps to minimise increased sedimentation and turbidity during installation	Not assessed	N/A
11. No burying of vegetation within 20 metres of pipes	Not assessed	N/A

Purpose: To install piping in unnamed tributaries of the Inaha Stream, including associated streambed disturbance and reclamation		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
12. Stabilise earthworks areas as soon as practicable following completion of soil disturbance	Not assessed	N/A
13. Stop work upon discovery of archaeological remains	Not assessed	N/A
14. Optional review provision re environmental effects	Next review option June 2023	N/A
Overall assessment of environmental performance in respect of this consent		Good
Overall assessment of administrative performance in respect of this consent		Good

N/A = not applicable

During the year, the TPJ demonstrated a poor level of environmental performance and compliance with resource consents and a level of administrative performance which required improvement. During the year under review, there was an infringement fine issued for a discharge of material that was in contravention of an abatement notice issued in May 2020, following a discharge of prohibited materials in the 2019-2020 year. In addition, abatement and infringement notices were issued with respect to non-compliance with the notification and record keeping consent requirements contained in the consent. Although some improvements were made during the latter part of the 2020-2021 year, further improvements are still required.

12.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

- 1 THAT in the first instance, monitoring of discharges from TPJ Partnership's cleanfill in the 2020-2021 year continues at the same level as in the 2019-2020 period.
- 2 THAT should there be issues with environmental or administrative performance in 2020-2021, monitoring may be adjusted to reflect any additional investigation or intervention as found necessary.
- 3 THAT the option for a review of resource consent 10202-1 in June 2021, as set out in condition 14 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, with the exception of the sampling being deferred to the spring of the 2021-2022 year. Recommendation 2 was implemented with an additional inspection being undertaken. Recommendation 3 was adopted by Council.

12.3.5 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, that as a result of the findings of the monitoring during the 2020-2021 year and the variation to the consent, that this site be monitored under its own new monitoring programme with a minimum of four inspections annually.

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 2021-2022.

12.3.6 Exercise of optional review of consents

Resource consents 10202-1.1 provides for an optional review of the consent in June 2022. Condition 15 allows the Council to review the consent by giving notice in June of any 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 the resource consent, which either were not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Based on the results of monitoring in the year under review, and in previous years as set out in earlier annual compliance monitoring reports, it is considered that there are no grounds that require a review to be pursued at this time.

12.4 Recommendations

1. THAT the monitoring of discharges from TPJ Partnership's cleanfill in the 2021-2022 year be carried out under its own new monitoring programme with a minimum of four inspections annually.
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 10202-1 in June 2022, as set out in condition 14 of the consent, not be exercised, on the grounds that current conditions are adequate to deal with the potential effects of this activity.

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 metres 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 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.

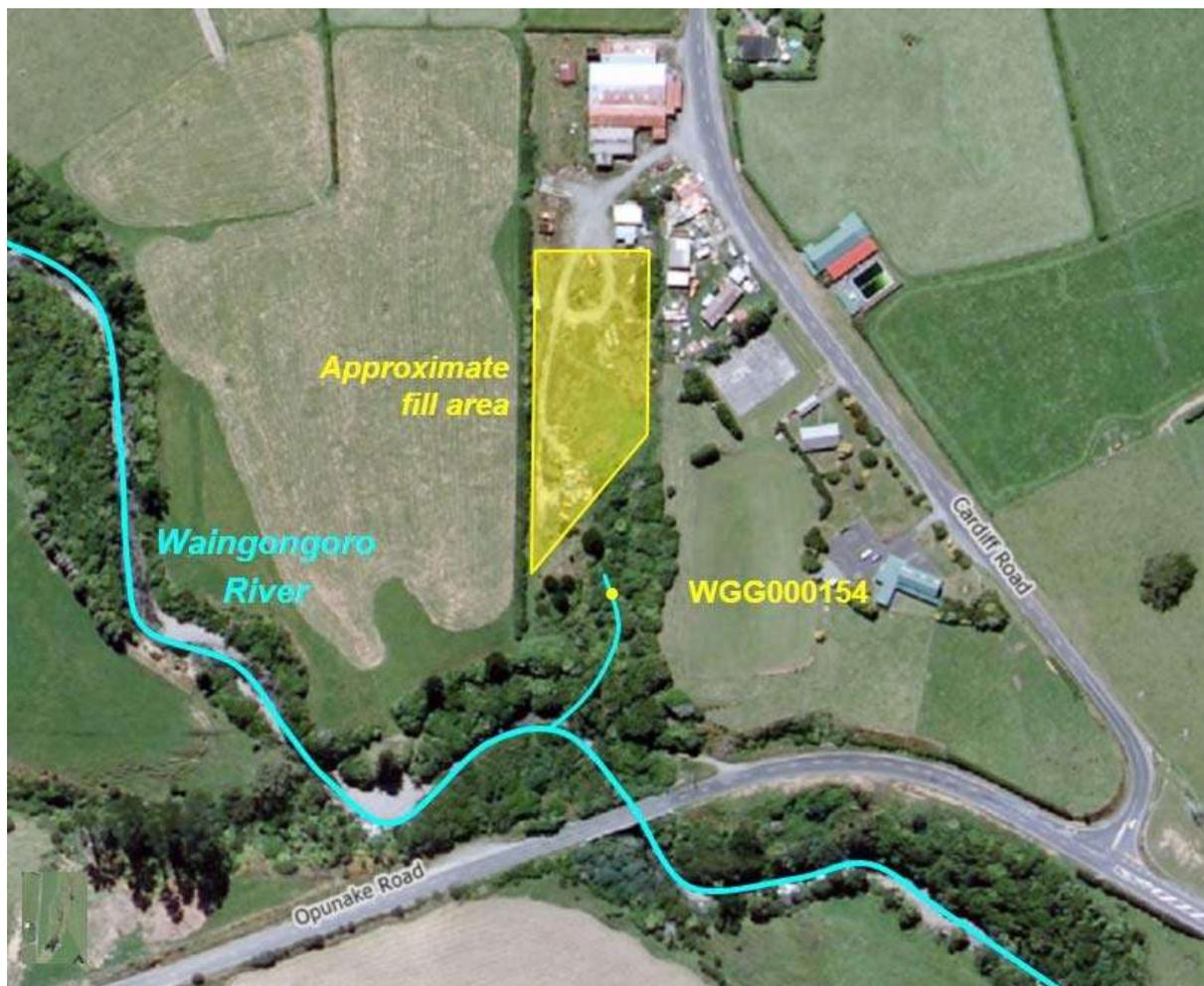


Figure 14 Taranaki Trucking Company Ltd's cleanfill and sampling sites at Cardiff Road, Stratford

13.2 Results

13.2.1 Inspections

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

27 July 2020

At the time of inspection it appeared that this site had not been used for some time. There was no evidence of any activity and, as such, there were no signs of any unacceptable material. There were no issues with dust or odour. The area was well vegetated. The inspecting officer was unable to locate any discharge point so no sample was taken.

4 March 2021

At the time of inspection the weather conditions were mild. Again, the site appeared to have had no recent activity occurring. The site was still well vegetated and there were no issues to note regarding odour or dust throughout the inspection.

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).

A water quality sample was not collected due to the inspecting officer being unable to locate any discharge from the site.

Physicochemical monitoring is usually scheduled to be undertaken during summer low flow conditions with the focus on the potential effects of leachate. During the year under review, there were no issues with discharge or receiving water quality noted at the time of the inspections. Therefore sampling was deferred until the 2021-2022 year to allow the potential effects of sediment discharges under wetter spring conditions to be assessed.

The results from previous analyses indicate that the cleanfill's presence is having little, if any, effect on water quality in the Waingongoro Stream and no visible effects were found at the time of inspection during the year under review.

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. The site was found to be well managed on both monitoring occasions 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 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.

13.3.2 Environmental effects of exercise of consents

Although a sample could not be obtained during the year under review, there were no visual effects noted at the time of inspection. 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 tabular summary of the Taranaki Trucking's compliance record for the year under review is set out in Table 21.

Table 21 Summary of performance for Taranaki Trucking Company Ltd's cleanfill consent 5561-1

Purpose: To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent exercised in accordance with information supplied	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	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	Yes
9. Upon completion the discharge site shall be contoured	Site still in use	Yes
10. Review condition	No further option for review prior to expiry	N/A

Purpose: To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
Overall assessment of environmental performance in respect of this consent		High
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

During the year, Taranaki Trucking demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Section 1.1.5. It is noted that very little further filling can now occur at the site until the required piping has been re-consented and installed and that there was no evidence of any activity at the site during the year under review.

13.3.4 Recommendations from the 2019-2020 Annual Report

In the 2019-2020 Annual Report it was recommended:

1. THAT in the first instance, monitoring of discharges from Taranaki Trucking's cleanfill in the 2020-2021 year continues at the same level as in the 2019-2020 period.
2. THAT should there be issues with environmental or administrative performance in 2020-2021, 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 2021-2022 year. Recommendation 2 was not required.

13.3.5 Alterations to the monitoring programme for 2021-2022

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 permits, and the need to maintain a sound understanding of industrial processes within Taranaki exercising resource consents.

It is proposed that for 2021-2022, 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 2021-2022

13.4 Recommendations

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 scheduled 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.

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 2021-2022 period continues at the same level as scheduled for 2020-2021.
2. 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 scheduled in 2020-2021.
3. THAT in the first instance, monitoring of discharges from Riddick's cleanfill in the 2021-2022 year continues at the same level as scheduled in 2020-2021.
4. 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.
5. 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.
6. 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.
7. 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 scheduled in 2020-2021.
8. THAT in the first instance, monitoring of discharges from Downer's South Road cleanfill in the 2021-2022 year continues at the same level as scheduled in 2020-2021.
9. 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 scheduled in 2020-2021.
10. 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.
11. THAT the option for a review of Smudgy's 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.
12. THAT the monitoring of discharges from TPJ Partnership's cleanfill in the 2021-2022 year be carried out under its own new monitoring programme with a minimum of four inspections annually.
13. THAT the option for a review of TPJ Partnership's resource consent 10202-1 in June 2022, as set out in condition 15 of the consent, not be exercised, on the grounds that current conditions are adequate to deal with the potential effects of this activity.
14. THAT in the first instance, monitoring of discharges from Taranaki Trucking's cleanfill in the 2021-2022 year continues at the same level as scheduled in the 2020-2021 period.
15. Applicable to all cleanfills: 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.

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 ³	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 ₄	Ammonium, normally expressed in terms of the mass of nitrogen (N).
NH ₃	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 permits (Sections 12, 14 and 15), water permits (Section 14) and discharge permits (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"> • combustible, putrescible, degradable or leachable components; • hazardous substances or materials (such as municipal solid waste) likely to create leachate by means of biological breakdown;

- 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, clean fill 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 a Scientific Services 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 permits

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. Permits authorising the abstraction of water are issued by the Council under Section 87(d) of the RMA.

Water discharge permits

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. Permits authorising discharges to water are issued by the Council under Section 87(e) of the RMA.

Air discharge permits

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. Permits 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. Permits authorising the discharge of wastes to land are issued by the Council under Section 87(e) of the RMA.

Land use permits

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 permits are issued by the Council under Section 87(a) of the RMA.

Coastal permits

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 permits 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.
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.

Consent 5179-2.0

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

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

A D McLay
Director - Resource Management

Appendix 1

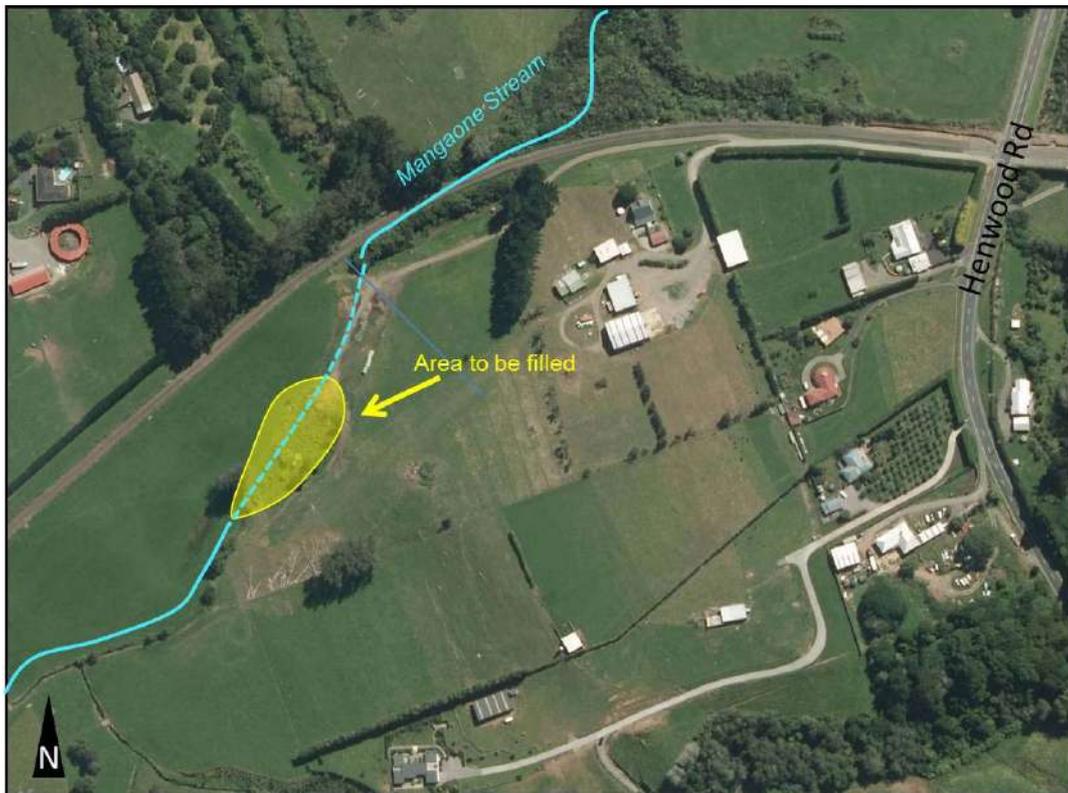


Figure 2 Area where the discharge of cleanfill is permitted.

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

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.
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.

Consent 10748-1.0

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

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

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

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

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: Paraita 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.

Consent 10234-1.0

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

A D McLay
Director - Resource Management

Advice Note (included at the request of DITAG)

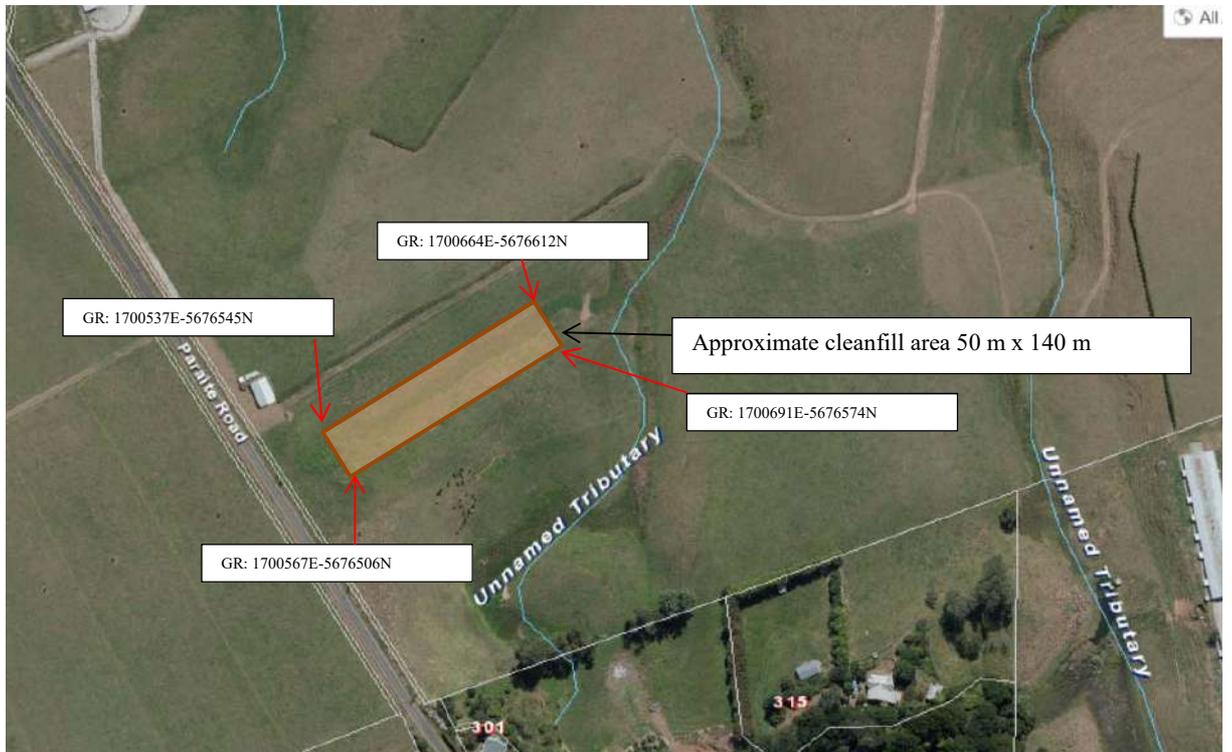
The consent holder's attention is drawn to MPI's "New Zealand Code of Practice for the Design and Operation of Farm Dairies (NZCP1) which restricts:

- *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.
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

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

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

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

Director-Resource Management

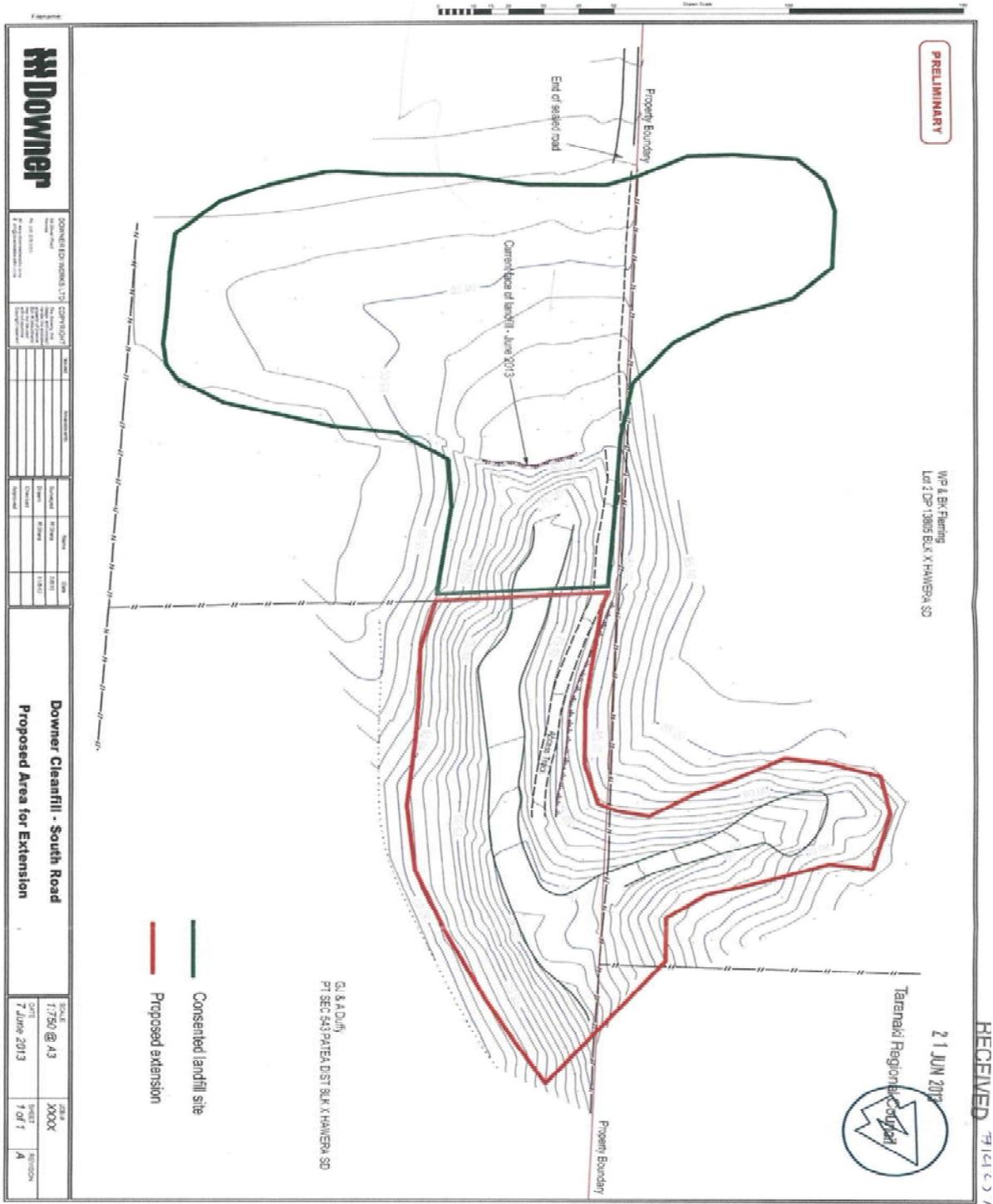


Figure 1 Plan of area permitted to be filled

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

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 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*¹ or subsequent documents, shall be discharged without confirmation from the Chief Executive, Taranaki Regional Council, that the material is uncontaminated.

Consent 10585-1.0

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/m³; 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.

Consent 10585-1.0

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

A D McLay
Director - Resource Management

Appendix 1 - Cleanfill discharge area



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

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

Consent 5561-1

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 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

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.
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.

Consent 10202-1.1

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*¹ 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.

¹ Ministry for the Environment (2012)

Consent 10202-1.1

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.

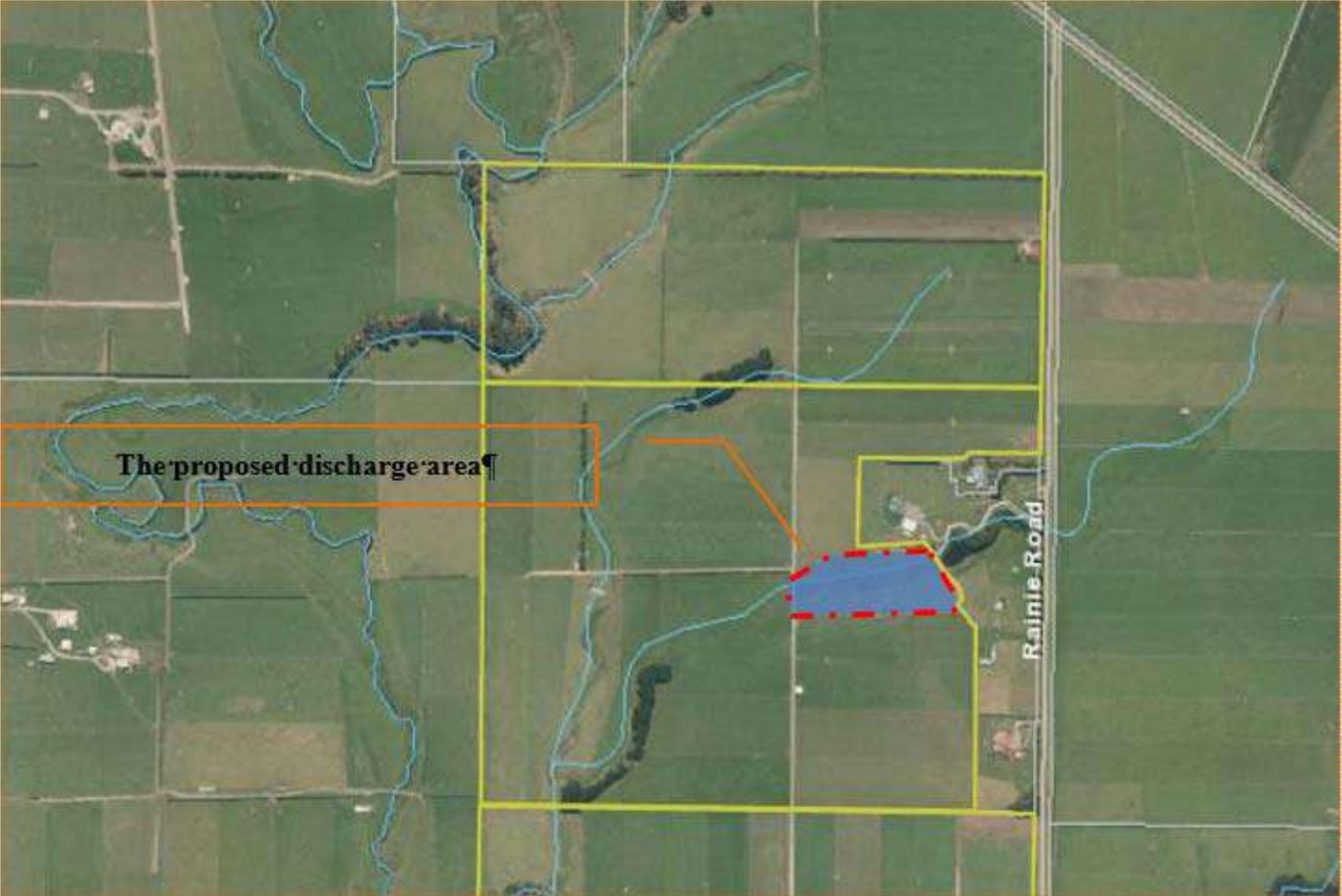
Signed at Stratford on 6 November 2020

For and on behalf of
Taranaki Regional Council



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.
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 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.

Consent 10202-1.0

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.

Consent 10202-1.0

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

A D McLay
Director - Resource Management

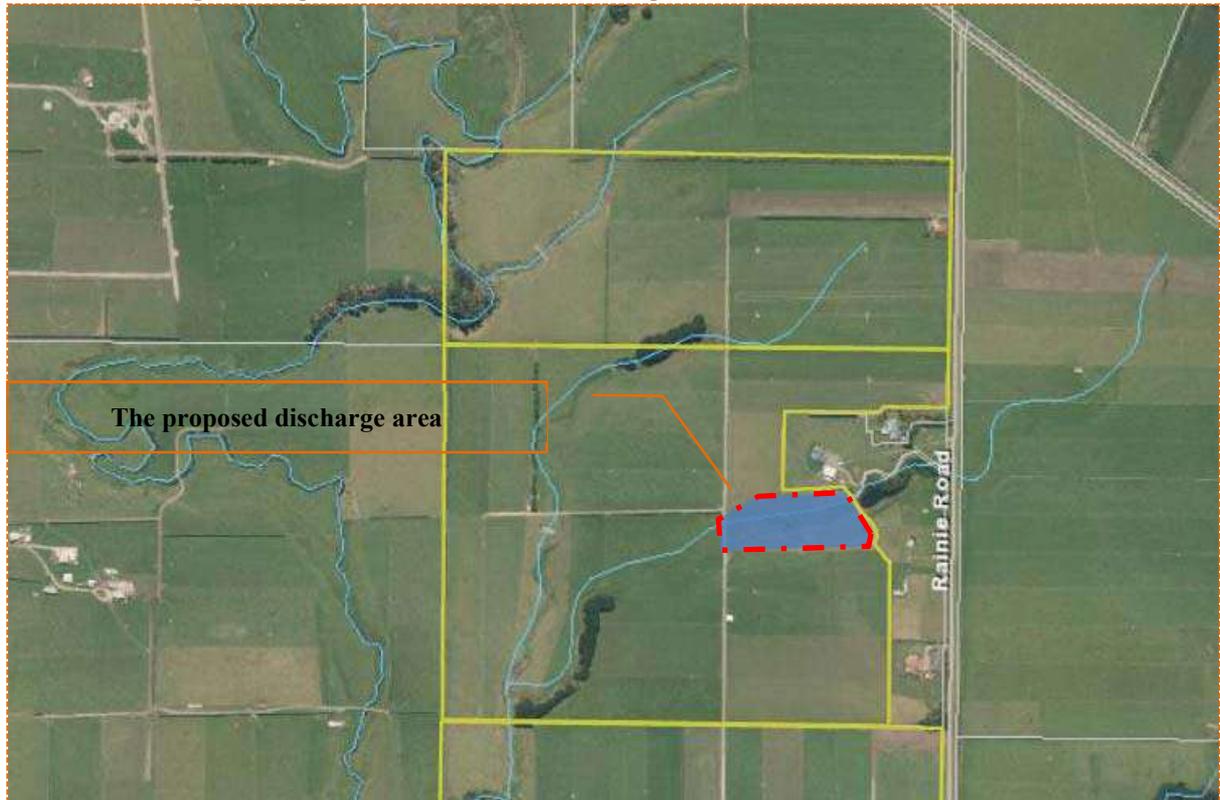
Advice Note (included at the request of DITAG)

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.



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: TPJ Partnership
(Philip John Nixon)
136 Rainie Road
RD 11
Hawera 4671

Decision Date 12 June 2019
(Change):

Commencement Date 12 June 2019 (Granted Date: 26 January 2016)
(Change):

Conditions of Consent

Consent Granted: To install piping in unnamed tributaries of the Inaha Stream,
including associated stream bed disturbance and
reclamation

Expiry Date: 1 June 2035

Review Date(s): June 2023 and June 2029

Site Location: 30 Rainie Road, Okaiawa

Grid Reference (NZTM) Between:
1701203E - 5619066N and 1701547E - 5619191N
1701087E - 5619299N and 1701111E - 5619164N
1701203E - 5619711N and 1701100E - 5619566N

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. This consent authorises the laying of piping and subsequently filling the piped reach in approximately 720 metres of stream bed between the following approximate (NZTM) grid references, 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:
 - a) 1701203E - 5619066N and 1701547E - 5619191N (185 metres);
 - b) 1701087E - 5619299N and 1701111E - 5619164N (155 metres); and
 - c) 1701203E - 5619711N and 1701100E - 5619566N (220 metres + 45 metres + 115 metres).
2. The proposed 45 metres long piping shall have diameter of no less 110 mm.
3. The area of works shall be recontoured to ensure that when the capacity of the pipes is exceeded, all excess water flows to clearly defined secondary flow paths (which generally follow the route of the reclaimed stream) into the unnamed tributary of the Inaha Stream.
4. The defined secondary flow path described in condition 3 above shall have a minimum bottom width of 5 metres, with side slopes no steeper than 1 vertical to 3 horizontal, on firm natural ground.
5. The consent holder shall ensure that:
 - a) the pipes are laid in an excavated 'V' trench down each side of the stream bed;
 - b) concrete manholes are installed at the upstream end of the proposed piping and connected to the upstream culvert;
 - c) bunds, a minimum of 0.5 metre high and no steeper than 1 vertical to 5 horizontal, are placed across the surface depression directly downstream of each manhole on the piped line to capture surface flow into the manhole;
 - d) the manholes have surface inlets; and
 - e) the surface inlets are protected by silt cloth, to ensure that erosion is minimised, until such time as grass cover is achieved.
6. The piping and the secondary flow path shall be maintained to ensure they do not become blocked, and at all times, allow the free flow of water through.
7. 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.

Consent 10209-1.1

8. The fencing and riparian planting specified in the Riparian Management Plan for the property shall be completed before 1 August 2020.
9. To remedy and mitigate the adverse environmental effects of this consent, the consent holder shall make a single payment of \$3,200 (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 within three months of commencement of the work.
10. 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.
11. No vegetation shall be buried within 20 metres of the piped stream.
12. 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.

13. 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.

Consent 10209-1.1

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 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.

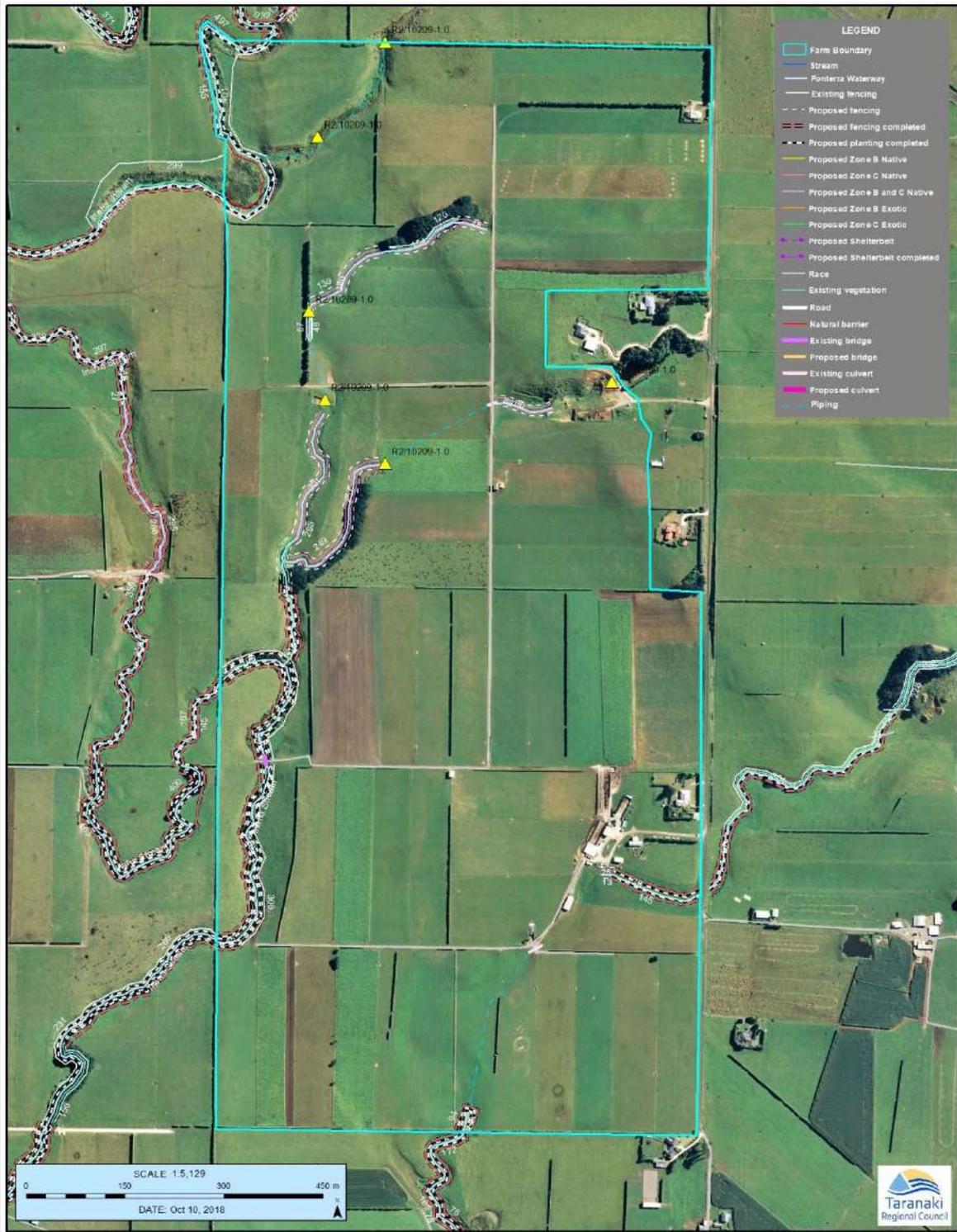
Signed at Stratford on 12 June 2019

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Appendix II

TPJ Partnership's land management plan



FARM PLAN 90477	EXISTING FENCE WITH			PROPOSED FENCE WITH			LENGTH OF STREAM BANK WITH										
	NO VEG	PROP VEG	EXIST VEG	NO VEG	PROP VEG	EXIST VEG	BANK	PROTECTED	PROPOSED								
ORIGINAL (07/05/2003)	315m	7%	915m	22%	105m	2%	30m	1%	2730m	65%	135m	3%	4230m	420m	10%	3810m	90%
CURRENT (10/10/2018)	315m	7%	0m	0%	2180m	51%	30m	1%	1580m	38%	135m	3%	4230m	2475m	59%	1755m	41%
WORK DONE: (m) (%)	FENCING	1140m	38% of recommended work				PLANTING:	2055m	58% of recommended work								