

Regional Cleanfill
Monitoring Programme
Annual Report
2014-2015

Technical Report 2015-72

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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 Limited (AA Contracting), A & A George Family Trust (George Family), AE Riddick (Riddick), BJ & LB Bishop (Bishop), Dorset Fibre Farm, Downer EDI Works Limited (Downer) (two sites), Gas and Plumbing Limited (Gas and Plumbing), Graham Harris (2000) Limited (Graham Harris), JW & CT Bailey Limited (Bailey), Mini Earth Movers, Taranaki Trucking Company Limited (Taranaki Trucking), and V Rowe Family Trust & G Bayliss Family Trust (Rowe & Bayliss).

This report for the period July 2014 to June 2015 describes the monitoring programme implemented by the Council to assess the environmental performance at each of these sites during the period under review, and the results and effects of the cleanfilling activities and discharges.

Within this programme, the 13 consented cleanfill operations monitored hold a total of 19 resource consents, which include a total of 193 conditions that the cleanfill operators must satisfy. The consents covering the activities monitored under this programme consist of one consent to discharge leachate and stormwater, one to discharge emissions into the air, four consents relating to piping and culverts, and 13 consents to discharge cleanfill onto and into land.

During the period under review AA Contracting, Riddick, Dorset Fibre Farm, Bailey, Downer (Veale Road), Downer (South Road), Mini Earth Movers, Taranaki Trucking, and Rowe & Bayliss all demonstrated an overall high level of environmental performance.

George Family, Bishop, and Gas and Plumbing demonstrated an overall good level of environmental performance.

Overall, an improvement in Graham Harris's environmental performance was required.

The Council's monitoring programme included 37 inspections, with each site receiving two or three scheduled inspections. Council also took 13 water samples for physicochemical analysis during the 2014-2015 year.

No adverse environmental effects were observed as a result of any of the consent holders' activities at the time of the visual inspections, or during analysis of the discharge and receiving water samples. There was little, if any unauthorised material found at the sites, and where minor amounts were found, these items were not found to be present at the following inspection.

During the period under review AA Contracting, Riddick, Dorset Fibre Farm, Bailey, Downer (Veale Road), Downer (South Road), Mini Earth Movers, Taranaki Trucking, and Rowe & Bayliss demonstrated a high level of environmental and high administrative performance with their resource consents.

George Family, Bishop, and Gas and Plumbing demonstrated a good level of environmental and a high level of administrative performance with their resource consents.

Although Graham Harris demonstrated a high level of administrative performance, an improvement in their environmental performance was required. During the year under review, the Council directed Graham Harris to install silt controls at the time of each of the inspections. This issue took some time to resolve, however the silt controls had been installed by the time of writing this report.

For reference, in the 2014-2015 year, 75% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 22% demonstrated a good level of environmental performance and compliance with their consents.

This report includes recommendations for the 2015-2016 monitoring period.

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	2
1.1.4 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	5
1.3.1 Summary of resource consents	5
1.3.2 Land use permits	8
1.3.3 Water discharge permit	8
1.3.4 Air discharge permit	8
1.3.5 Discharges of wastes to land	9
1.4 Monitoring programme	9
1.4.1 Introduction	9
1.4.3 Programme liaison and management	10
1.4.4 Site inspections	10
1.4.5 Chemical sampling	10
2. AA Contracting Limited – 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
2.3 Investigations, interventions, and incidents	12
2.4 Discussion	13
2.4.1 Discussion of site performance	13
2.4.2 Environmental effects of exercise of consents	13
2.4.3 Evaluation of performance	13
2.4.4 Recommendation from the 2013-2014 Annual Report	17
2.4.5 Alteration to the monitoring programme for 2015-2016	17
2.5 Recommendation	17
3. A & A George Family Trust – Dudley Road, Inglewood	18
3.1 Site description and activities	18
3.2 Results	18
3.2.1 Inspections	18
3.2.2 Results of receiving environment monitoring	19
3.3 Investigations, interventions, and incidents	19
3.4 Discussion	19
3.4.1 Discussion of site performance	19

3.4.2	Environmental effects of exercise of consents	20
3.4.3	Evaluation of performance	20
3.4.4	Recommendation from the 2013-2014 Annual Report	21
3.4.5	Alteration to the monitoring programme for 2015-2016	21
3.5	Recommendation	21
4.	AE Riddick – Carrington Road, New Plymouth	22
4.1	Site description and activities	22
4.2	Results	22
4.2.1	Inspections	22
4.2.2	Results of receiving environment monitoring	23
4.3	Investigations, interventions, and incidents	23
4.4	Discussion	24
4.4.1	Discussion of site performance	24
4.4.2	Environmental effects of exercise of consents	24
4.4.3	Evaluation of performance	24
4.4.4	Recommendation from the 2013-2014 Annual Report	26
4.4.5	Alterations to the monitoring programme for 2015-2016	26
4.5	Recommendation	26
5.	BJ & LB Bishop – Ahu Ahu Road, New Plymouth	27
5.1	Site description and activities	27
5.2	Results	27
5.2.1	Inspections	27
5.3	Investigations, interventions, and incidents	28
5.4	Discussion	28
5.4.1	Discussion of site performance	28
5.4.2	Environmental effects of exercise of consents	29
5.4.3	Evaluation of performance	29
5.4.4	Recommendations from the 2013-2014 Annual Report	30
5.4.5	Alterations to the monitoring programme for 2015-2016	30
5.5	Recommendation	31
6.	Dorset Fibre Farm - Dorset Road, New Plymouth	32
6.1	Site description and activities	32
6.2	Results	32
6.2.1	Inspections	32
6.2.2	Results of receiving environment monitoring	33
6.3	Investigations, interventions, and incidents	33
6.4	Discussion	33
6.4.1	Discussion of site performance	33
6.4.2	Environmental effects of exercise of consents	33
6.4.3	Evaluation of performance	34
6.4.4	Recommendation from the 2013-2014 Annual Report	34
6.4.5	Alteration to the monitoring programme for 2015-2016	35
6.5	Recommendation	35
7.	Downer EDI Works Limited – Veale 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
7.3	Investigations, interventions, and incidents	37
7.4	Discussion	38
7.4.1	Discussion of site performance	38
7.4.2	Environmental effects of exercise of consents	38
7.4.3	Evaluation of performance	38
7.4.4	Recommendation from the 2013-2014 Annual Report	39
7.4.5	Alterations to the monitoring programme for 2015-2016	39
7.5	Recommendation	39
8.	Downer EDI Works Limited – South Road, Hawera	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
8.3	Investigations, interventions, and incidents	42
8.4	Discussion	42
8.4.1	Discussion of site performance	42
8.4.2	Environmental effects of exercise of consents	42
8.4.3	Evaluation of performance	42
8.4.4	Recommendation from the 2013-2014 Annual Report	44
8.4.5	Alteration to the monitoring programme for 2015-2016	44
8.4.6	Exercise of optional review of consent	44
8.5	Recommendations	44
9.	Gas and Plumbing Limited – Colson Road, New Plymouth	45
9.1	Site description and activities	45
9.2	Results	45
9.2.1	Inspections	45
9.2.2	Receiving environment monitoring results	46
9.3	Investigations, interventions, and incidents	47
9.4	Discussion	47
9.4.1	Discussion of site performance	47
9.4.2	Environmental effects of exercise of consents	47
9.4.3	Evaluation of performance	47
9.4.4	Recommendations from the 2013-2014 Annual Report	48
9.4.5	Alterations to the monitoring programme for 2015-2016	49
9.5	Recommendation	49
10.	Graham Harris (2000) Limited – Egmont Road, New Plymouth	50
10.1	Site description and activities	50
10.2	Results	50
10.2.1	Inspections	50
10.2.2	Results of receiving environment monitoring	51

10.3	Investigations, interventions, and incidents	51
10.4	Discussion	52
10.4.1	Discussion of site performance	52
10.4.2	Environmental effects of exercise of consents	52
10.4.3	Evaluation of performance	52
10.4.4	Recommendations from the 2013-2014 Annual Report	53
10.4.5	Alterations to the monitoring programme for 2015-2016	53
10.5	Recommendation	54
11.	JW & TC Bailey Limited – Saxton Road, New Plymouth	55
11.1	Site description and activities	55
11.2	Results	56
11.2.1	Inspections	56
11.2.2	Results of discharge and receiving water monitoring	56
11.3	Investigations, interventions, and incidents	57
11.4	Discussion	57
11.4.1	Discussion of site performance	57
11.4.2	Environmental effects of exercise of consents	57
11.4.3	Evaluation of performance	57
11.4.4	Recommendation from the 2013-2014 Annual Report	60
11.4.5	Alterations to the monitoring programme for 2015-2016	60
11.5	Recommendation	61
12.	Mini Earth Movers – Henwood Road, New Plymouth	62
12.1	Site description and activities	62
12.2	Results	62
12.2.1	Inspection	62
12.2.2	Results of receiving environment monitoring	63
12.3	Investigations, interventions, and incidents	63
12.4	Discussion	63
12.4.1	Discussion of site performance	63
12.4.2	Environmental effects of exercise of consents	63
12.4.3	Evaluation of performance	64
12.4.4	Recommendation from the 2013-2014 Annual Report	64
12.4.5	Alterations to the monitoring programme for 2015-2016	65
12.5	Recommendation	65
13.	Taranaki Trucking Company Limited - Cardiff Road, Stratford	66
13.1	Site description and activities	66
13.2	Results	66
13.2.1	Inspections	66
13.2.2	Results of receiving environment monitoring	67
13.3	Investigations, interventions, and incidents	67
13.4	Discussion	68
13.4.1	Discussion of site performance	68
13.4.2	Environmental effects of exercise of consents	68
13.4.3	Evaluation of performance	68

13.4.4	Recommendation from the 2013-2014 Annual Report	70
13.4.5	Alterations to the monitoring programme for 2015-2016	70
13.5	Recommendation	70
14.	V Rowe Family Trust & CG Bayliss Family Trust Partnership - Manutahi Road, Bell Block	71
14.1	Site description and activities	71
14.2	Results	72
14.2.1	Inspection	72
14.3	Investigations, interventions, and incidents	72
14.4	Discussion	72
14.4.1	Discussion of site performance	72
14.4.2	Environmental effects of exercise of consents	72
14.4.3	Evaluation of performance	73
14.4.4	Recommendation from the 2013-2014 Annual Report	73
14.4.5	Alterations to the monitoring programme for 2015-2016	74
14.5	Recommendation	74
15.	Summary of recommendations	75
	Glossary of common terms and abbreviations	76
	Bibliography and references	77
	Appendix I Resource consents held by cleanfill owners and operators (alphabetical order)	

List of tables

Table 1	Cleanfill related consents monitored under this programme during the period under review	6
Table 2	Number of samples taken and inspections conducted at each site	10
Table 3	Chemical analysis of a tributary of the Mangaone Stream at AA Contracting Limited's cleanfill, Henwood Road, Bell Block, New Plymouth	12
Table 4	Summary of performance for AA Contracting Limited's consent 5179-1 (in effect 1 July 2014 to 30 October 2014)	13
Table 5	Summary of performance for AA Contracting Limited's consent 5179-2 (in effect from 31 October 2014)	14
Table 6	Summary of performance for AA Contracting Limited's consent 5180-1 (in effect 1 July 2014 to 30 October 2014)	15
Table 7	Summary of performance for AA Contracting Limited's consent 5180-2 (in effect from 31 October 2014)	16
Table 8	Summary of performance for A & A George Family Trust's consent 9680-1	20
Table 9	Chemical analysis of an unnamed tributary of the Huatoki Stream below AE Riddick's cleanfill	23

Table 10	Summary of performance for AE Riddick's consent 3977-3 (in effect 1 July 2014 to 15 December 2014)	24
Table 11	Summary of performance for AE Riddick's consent 3977-4 (in effect from 15 December 2014)	25
Table 12	Summary of performance for BJ & LB Bishop's consent 5877-2	29
Table 13	Summary of performance for BJ & LB Bishop's consent 5888-1	30
Table 14	Summary of performance for Dorset Fibre Farm's consent 9532-1	34
Table 15	Chemical analysis of a tributary of the Huatoki Stream at Downer EDI Works Limited's cleanfill, Veale Road, New Plymouth	37
Table 16	Summary of performance for Downer EDI Works Limited's (Veale Road) consent 5213-2	38
Table 17	Chemical analysis of an unnamed tributary of the Tawhiti Stream at Downer EDI Works Limited's cleanfill, South Road, Hawera	41
Table 18	Summary of performance for Downer EDI Works Limited's (South Road) consent 6964-1	43
Table 19	Chemical analysis of the Mangamiro Stream at Gas and Plumbing's cleanfill, Colson Road, New Plymouth	46
Table 20	Summary of performance for Gas and Plumbing's consent 7165-1	48
Table 21	Summary of performance for Graham Harris (2000) Limited's consent 6771-1	52
Table 22	Chemical analysis of discharge and the Te Henui Stream below JW & TC Bailey Limited's cleanfill, Saxton Road, New Plymouth	56
Table 23	Summary of performance for JW & TC Bailey Limited's consent 4999-3	58
Table 24	Summary of performance for JW & TC Bailey Limited's consent 5824-2	58
Table 25	Summary of performance for JW & TC Bailey Limited's consent 5825-2 (in effect until 11 December 2014)	59
Table 26	Summary of performance for JW & TC Bailey Limited's consent 5826-2 (in effect until 11 December 2014)	60
Table 27	Summary of performance for Mini Earth Movers consent 9855-1 (in effect until 28 January 2015)	64
Table 28	Chemical analysis of a tributary of the Waingongoro River below Taranaki Trucking Company Limited's cleanfill, Cardiff Road, Stratford	67
Table 29	Summary of performance for Taranaki Trucking Company Limited's consent 5561-1	68
Table 30	Summary of performance for Taranaki Trucking Company Limited's consent 6280-1	69
Table 31	Summary of performance for V Rowe Family Trust & CG Bayliss Family Trust Partnership's consent 9411-1	73

List of figures

Figure 1	Regional map showing the locations of the cleanfills monitoring programme this programme during the year under review	5
Figure 2	AA Contracting Limited's cleanfill and sampling sites at Henwood Road, New Plymouth	11
Figure 3	A & A George Family Trust cleanfill at Dudley Road, New Plymouth	18
Figure 4	AE Riddick's cleanfill and sampling site at Carrington Road, New Plymouth	22
Figure 5	BJ & LB Bishop's cleanfill and sampling sites at Ahu Ahu Road, Oakura (approximate fill area indicated in yellow)	27
Figure 6	Dorset Fibre Farm cleanfill at Dudley Road, New Plymouth	32
Figure 7	Downer EDI Works Limited's cleanfill and sampling sites at Veale Road, New Plymouth	36
Figure 8	Downer EDI Works Limited cleanfill and sampling site at South Road, Hawera	40
Figure 9	Gas and Plumbing Limited's cleanfill and sampling site at Colson Road, New Plymouth	45
Figure 10	Graham Harris [2000] Limited's cleanfill at Egmont Road, New Plymouth	50
Figure 11	BJ & TC Bailey Limited's cleanfill and sampling sites at Saxton Road, New Plymouth	55
Figure 12	Mini Earth Movers cleanfill site at Henwood Road, Bell Block	62
Figure 13	Taranaki Trucking Company Limited's cleanfill and sampling sites at Cardiff Road, Stratford	66
Figure 14	V Rowe Family Trust & CG Bayliss Family Trust Partnership's cleanfill site at Manutahi Road, Bell Block	71

1. Introduction

1.1 Compliance monitoring programme reports and the Resource Management Act 1991

1.1.1 Introduction

This report is the Annual Report for the period July 2014 to June 2015 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 region in differing catchments 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 covers the results and findings of the monitoring programme implemented by the Council in respect of the consents held by cleanfill consent holders. These consents relate to the discharge of contaminants onto and into land, discharge to air 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 eleventh 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 compliance monitoring under the RMA and the Council's obligations and general approach to monitoring sites through site specific programmes, the resource consents held by cleanfill operators in the region, the nature of the monitoring programme in place for the period under review, and a description of the activities and operations conducted at cleanfill sites.

Sections 2-14 present the results for each cleanfill site, discuss their significance for the environment and make recommendations for the 2015-2016 year.

Section 15 summarises the recommendations to be implemented in the 2015-2016 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 *Resource Management Act 1991* (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 a discharger, and may include cultural and socio-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);
- (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 Evaluation of environmental and administrative performance

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

Environmental performance is concerned with actual or likely effects on the receiving environment from the activities during the monitoring year.

Administrative performance is concerned with the Company's approach to demonstrating consent compliance in site operations and management including the timely provision of information to Council (such as contingency plans and water take data) in accordance with consent conditions.

Events that were beyond the control of the consent holder and unforeseeable (i.e. 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 significant 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 in response to unauthorised incident reports, 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 in response to unauthorised incident reports. 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 in response to unauthorised incident reports. 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 compliance

- **High:** The administrative requirements of the resource consents were met, or any failures 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 2014-2015 year, 75% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 22% demonstrated a good level of environmental performance and compliance with their consents.

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 type of works. Cleanfilling is also extensively used for the reinstatement of quarries. In the Taranaki region there are currently 24 consented cleanfills, 13 of which are covered in this report under the combined cleanfill monitoring programme. The other 11 cleanfills are reported on separately.

1.3 Resource consents

1.3.1 Summary of resource consents

Table 1 details consent holders, resource consents, and review dates for the cleanfills monitored under this programme for the 2014 to 2015 period¹, with the locations of the sites are shown in Figure 1.

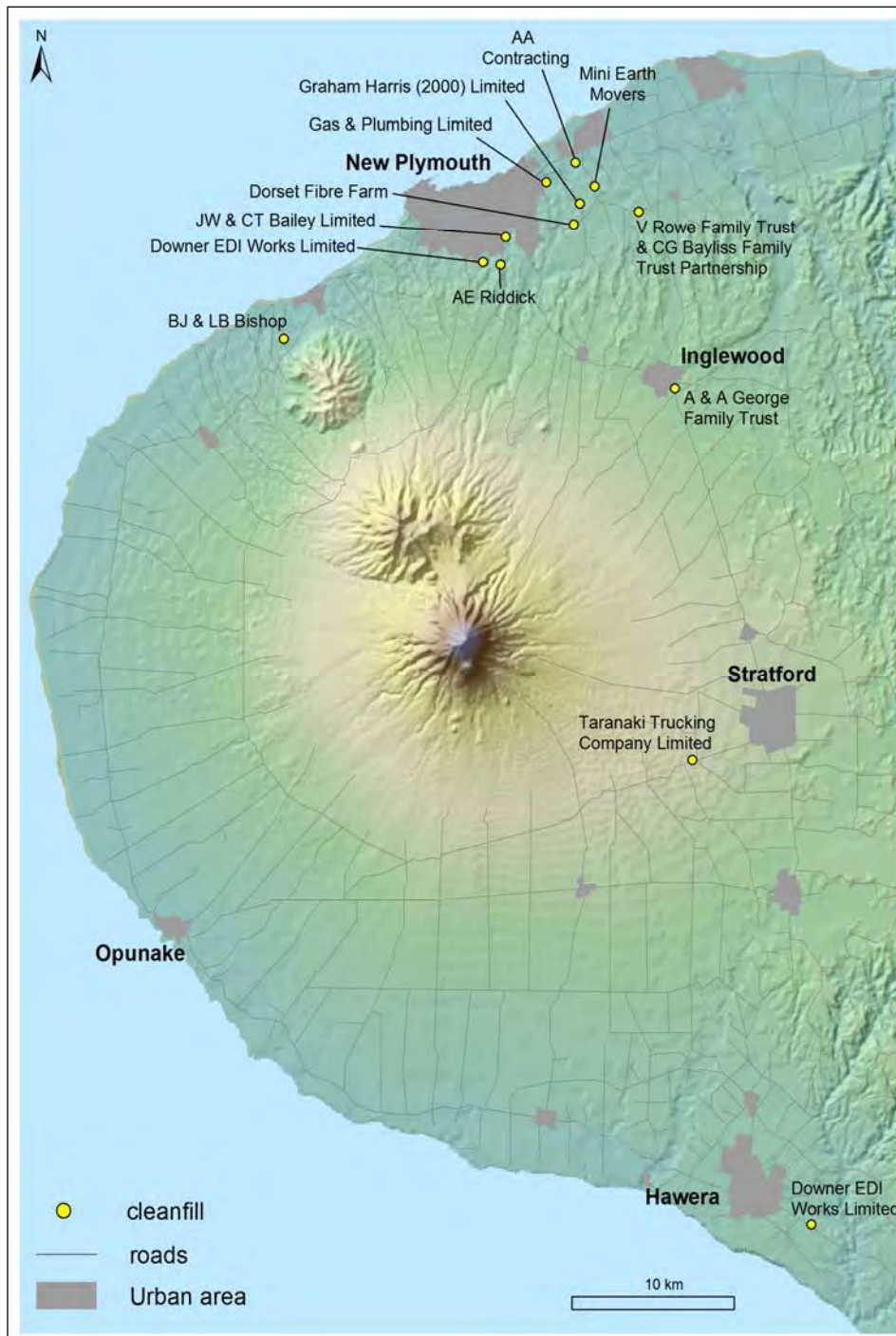


Figure 1 Regional map showing the locations of the cleanfills monitoring programme this programme during the year under review

¹ Full copies of the consents are attached in the Appendix 1.

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

Consent Holder	Resource consent	Purpose	Next Review	Expiry	Location	Water body	Catchment
AA Contracting Limited	5179-2	To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation [Renewed consent granted 31 October 2014]	June 2020	1 June 2032	Henwood Road, New Plymouth	Mangaone Stream	Waiwhakaiho
	5180-2	To discharge cleanfill onto and into land [Renewed consent granted 31 October 2014]	June 2020	1 June 2032			
A & A George Family Trust	9680-1	To discharge cleanfill onto and into land	June 2021	1 June 2027	Dudley Road, Inglewood	Manganui and Kurapete Streams	Waitara
AE Riddick [Formerly held by EE Riddick]	3977-4	To discharge cleanfill onto and into land [Renewed consent granted 15 December 2014]	June 2020	1 June 2032	Carrington Road, New Plymouth	Huatoki Stream	Huatoki
BJ & LB Bishop	5888-1	To erect, place and maintain a culvert in the headwaters of an unnamed tributary of the Waimoku Stream for cleanfilling activities	-	1 June 2019	Ahu Ahu Road, Okato	Waimoku Stream	Waimoku
	5877-2	To discharge cleanfill onto and into land	June 2019	1 June 2031			
Dorset Fibre Farm	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	June 2020	1 June 2032	Dorset Road, New Plymouth	Manganaha Stream	Waiwhakaiho
Downer EDI Works Limited	5213-2	To discharge cleanfill onto and into land	June 2020	1 June 2032	Veale Road, New Plymouth	Huatoki Stream	Huatoki
Downer EDI Works Limited	6964-1	To discharge cleanfill onto and into land	June 2016	1 June 2022	South Road, Hawera	Tangahoe Stream	Tawhiti
Gas & Plumbing Limited	7165-1	To discharge cleanfill onto and into land in the vicinity of an unnamed tributary of the Mangaone Stream	June 2020	1 June 2026	Colson Rd, New Plymouth	Mangaone Stream	Waiwhakaiho
Graham Harris (2000) Limited (New Plymouth)	6771-1	To discharge cleanfill onto and into land	-	1 June 2020	341 Egmont Road, New Plymouth	Mangaemiemi and Mangaone Stream	Waiwhakaiho

Consent Holder	Resource consent	Purpose	Next Review	Expiry	Location	Water body	Catchment
JW & CT Bailey Limited	5824-2	To culvert an unnamed tributary of the Te Henui Stream for land improvement purposes associated with cleanfill activity	-	1 June 2020	Saxton Road, New Plymouth	Te Henui Stream	Te Henui
	4999-3	To discharge up to 130 m ³ /day [1.5 L/s] of leachate from a former cleanfill into an unnamed tributary of the Te Henui Stream	-	1 June 2020			
	5826-2	To discharge emissions to air associated with cleanfill activity for land improvement purposes [Surrendered on 11 December 2014]	-	-			
	5825-2	To discharge cleanfill onto and into land for land improvement purposes [Surrendered on 11 December 2014]	-	-			
Mini Earth Movers	9855-1	To discharge cleanfill onto and into land [Surrendered on 28 January 2015]	-	-	Henwood Road, Bell Block	Mangaone Stream	Waiwhakaiho
Taranaki Trucking Company Limited	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	-	1 June 2017	Cardiff Road, Stratford	Waingongoro River	Waingongoro
	5561-1	To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River	-	1 June 2017			
V Rowe Family Trust & CG Bayliss Family Trust Partnership	9411-1	To discharge cleanfill onto and into land (where contaminants may enter water) [Surrendered on 25 May 2015]	-	-	Manutahi Road, Bell Block	Awai and Mangaoraka Streams	Waiongana

1.3.2 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. Four land use permits were held by the cleanfill operators covered by this report. These were held by AA Contracting Limited (AA Contracting), BJ & LB Bishop (Bishop), JW & CT Bailey (Bailey), and Taranaki Trucking Company Limited (Taranaki Trucking). The consents are for the installation and maintenance of culverts or piping, and contain conditions that:

- require stream bed disturbance and silt entrainment be minimised
- stipulate the culvert dimensions and gradient
- specify seasonal restrictions on works
- require that the flow not be impeded
- require that the culvert be maintained

A copy of these consents is included in Appendix I of this report.

1.3.3 Water discharge permit

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. There is one water discharge consent associated with the cleanfills covered by this report. This is held by Bailey. The consent covers the discharge of leachate from their cleanfill and contains conditions that:

- require stormwater control at the site
- require the adoption of the best practical option to avoid or minimise effects
- set limits to the effects the discharge can have

A copy of the consent is included in Appendix I of this report.

1.3.4 Air discharge permit

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. There is one air discharge consent associated with the cleanfills covered by this report; again held by Bailey. The consent covers emissions to air from cleanfilling and contains conditions that:

- restrict the level of odours and dust beyond the boundary
- prohibit burning at the site
- require the adoption of the best practical option to avoid or minimise effects

A copy of the consent is included in Appendix I of this report.

1.3.5 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. There are 13 consents to discharge cleanfill covered by this report. These consents are held by AA Contracting Limited (AA Contracting), A & A George Family Trust (George Family), AE Riddick (Riddick), BJ & LB Bishop (Bishop), Dorset Fibre Farm, Downer EDI Works Limited (Downer) (two sites), Gas and Plumbing Limited (Gas and Plumbing), Graham Harris (2000) Limited (Graham Harris), JW & CT Bailey Limited (Bailey), Mini Earth Movers, Taranaki Trucking Company Limited (Taranaki Trucking), and V Rowe Family Trust & G Bayliss Family Trust (Rowe & Bayliss). These consents contain conditions that:

- limit discharges to land to include ‘cleanfill’ and/or inert materials consisting of 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;
- prohibit the discharge of 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;
- require stormwater and silt to be controlled;
- prohibit contaminants directly entering water;
- require site reinstatement prior to closure.

Copies of these consents are appended to this report.

1.4 Monitoring programme

1.4.1 Introduction

Section 35 of the RMA sets out obligations upon the Council to gather information, monitor, and conduct research on the exercise of resource consents, and the effects arising, within the Taranaki region and report upon these.

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.

1.4.3 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;
- in discussion over monitoring requirements;
- preparation for any reviews;
- renewals;
- new consents;
- advice on the Council's environmental management strategies and content of regional plans and;
- consultation on associated matters.

1.4.4 Site inspections

During the 2014-2015 period, 37 site inspections were carried out, with a summary of the number of inspections carried out at each of the cleanfill sites for the monitoring period shown in Table 2.

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

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

Site	Inspections	Water samples
AA Contracting	2	2
George Family	3	0
Riddick	3	1
Bishop	3	0
Dorset Farm Fibre	3	0
Downer (Veale Rd)	3	2
Downer (South Rd)	3	1
Gas and Plumbing	3	1
Graham Harris	3	0
Bailey	3	5
Mini Earth Movers	3	0
Taranaki Trucking	2	1
Rowe & Bayliss	3	0
Total	37	13

1.4.5 Chemical sampling

The Council undertook sampling of discharges from cleanfill sites and the receiving environment, where possible and appropriate. During the monitoring period the Council took 13 water samples for chemical analysis. The samples were analysed for conductivity, ammoniacal nitrogen, unionised ammonia, pH, and temperature.

A summary of the sampling undertaken at each of the cleanfill sites during 2014-2015 is also shown in Table 2.

2. AA Contracting Limited – Henwood Road, New Plymouth

2.1 Site description and activities

AA Contracting Limited (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.

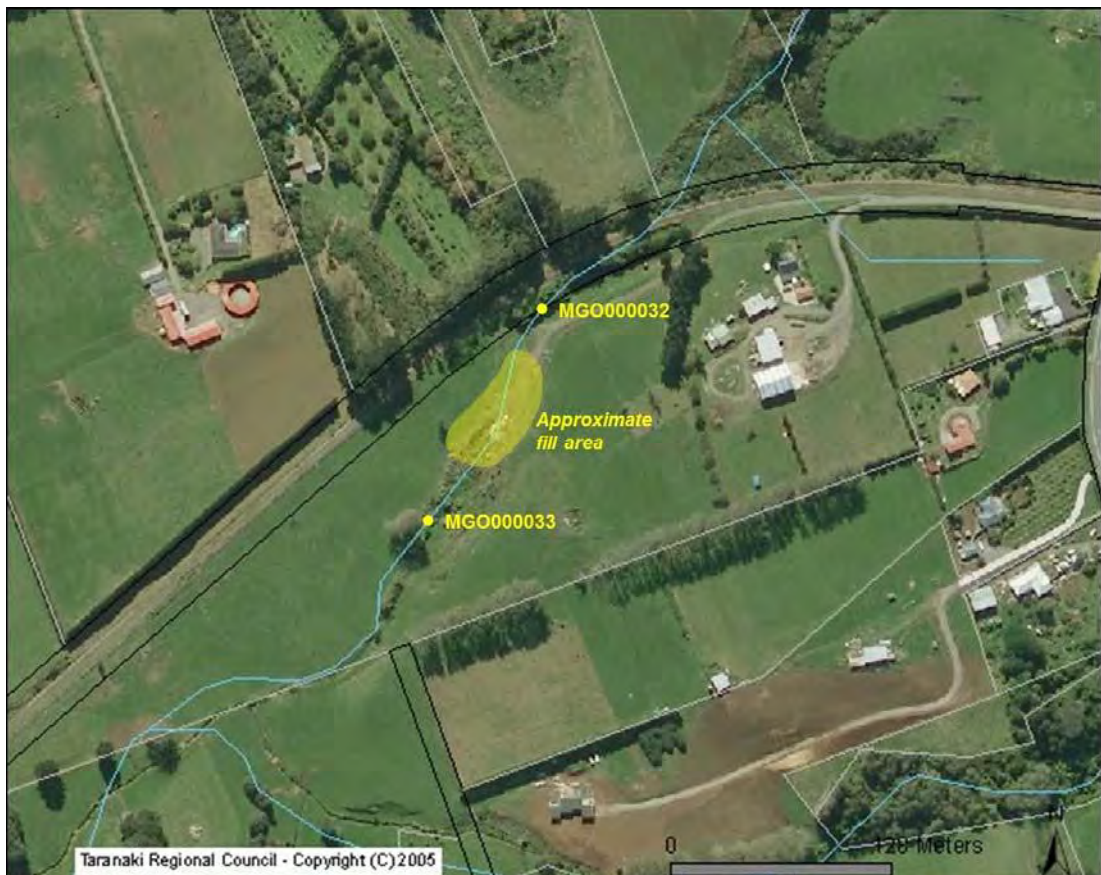


Figure 2 AA Contracting Limited's cleanfill and sampling sites at Henwood Road, New Plymouth

2.2 Results

2.2.1 Inspections

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

24 November 2014

The inspecting officer noted that the site had recently been levelled. A large pile of tree stumps had been dumped, along with a small amount of clay and dirt. There were no ponding or dust issues noted, and it was reported that the site complied with consent conditions.

10 March 2015

It was noted that there had not been much dumped at the site since the previous inspection. The visible materials consisted of clay, dirt, plastic pipe and a few stumps. It was again reported that the site was compliant with consent conditions, but this time, pending the results of samples that were collected during the inspection.

2.2.2 Results of receiving environment monitoring

Routine water quality sampling was undertaken on one occasion and the results are presented in the table below. The sampling site locations are shown in Figure 2.

Table 3 Chemical analysis of a tributary of the Mangaone Stream at AA Contracting Limited's cleanfill, Henwood Road, Bell Block, New Plymouth

Parameter	Units	10 March 2015	
		MGO000032 (u/s of cleanfill)	MGO000033 (d/s of cleanfill)
Conductivity	mS/m	18.4	21.3
Unionised ammonia	g/m ³ -N	0.00012	0.00048
Ammoniacal nitrogen	g/m ³ -N	0.053	0.209
pH	pH	6.8	6.8
Temperature	C	16.4	16.4

The pH, conductivity, and ammoniacal nitrogen concentrations measured in the tributary indicate that cleanfill is not leaching any significant amounts of contaminants into the environment. There was a slight rise in the level of unionised ammonia downstream of the cleanfill, however the level found was well below the 0.025 g/m³ guideline value given in the Regional Fresh Water Plan for Taranaki (RFWP) to protect aquatic ecosystems that may be subjected to long term exposure. The conductivity also indicated very low levels of dissolved salts, with only a small rise between the up and downstream sites.

2.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

2.4 Discussion

2.4.1 Discussion of site performance

The site was found to be well managed during the monitoring period. No management or performance issues were noted during inspections.

2.4.2 Environmental effects of exercise of consents

Conductivity and unionised ammonia in the receiving waters downstream of the site were found to be at acceptable levels. The results of water sample analyses indicate that the site is not likely to be having an adverse effect on the receiving waters.

2.4.3 Evaluation of performance

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

Table 4 Summary of performance for AA Contracting Limited's consent 5179-1 (in effect 1 July 2014 to 30 October 2014)

<i>Purpose: To construct, place and maintain a culvert in an unnamed tributary of the Mangaemiemi Stream a tributary of the Mangaone Stream in the Waiwhakaiho catchment for flood control purposes</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent holder shall adopt the best practicable option	Inspections	Yes
2. Comply with information submitted in support of application	Inspections	Yes
3. Notification of maintenance work	No works undertaken during monitoring period	N/A
4. Minimise disturbance to the stream bed	No works undertaken during monitoring period	N/A
5. The invert of the culvert shall match the riverbed	Inspections	Yes
6. The culvert shall not obstruct the passage of fish	Inspections	Yes
7. The culvert shall not cause erosion to the river channel	Inspections	Yes

<i>Purpose: To construct, place and maintain a culvert in an unnamed tributary of the Mangaemiemi Stream a tributary of the Mangaone Stream in the Waiwhakaiho catchment for flood control purposes</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
8. The culvert will only be installed at a certain time of the year	No works undertaken during monitoring period	N/A
9. The culvert shall not cause pollution after reasonable mixing	Inspections and sampling	Yes
10. Consent holder shall install and maintain a sediment control plan	Plan received	Yes
11. Remove the structures and reinstate the area when the structures are no longer needed	Structure still in use	N/A
12. Lapse of consent if not exercised	Consent exercised	N/A
13. Optional review provision re environmental effects	Consent has expired	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 5 Summary of performance for AA Contracting Limited's consent 5179-2 (in effect from 31 October 2014)

<i>Purpose: To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Purpose of consent	Work not yet undertaken	N/A
2. Limit on fill height above pipe	Work not yet undertaken	N/A
3. Depth of invert below streambed level	Work not yet undertaken	N/A
4. Recontouring to ensure secondary flow path	Work not yet undertaken	N/A
5. Dimensions of alternate flow path	Work not yet undertaken	N/A
6. Maintenance of piping and surface inlets to allow free flow of water	Work not yet undertaken	N/A
7. Secondary flow path not to be blocked	Work not yet undertaken	N/A
8. Installation of spat rope to provide for fish passage	Work not yet undertaken	N/A

Purpose: <i>To install piping, associated with cleanfill discharge activities, in the Mangaone Stream, including associated streambed disturbance and reclamation</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
9. Notification prior to works	Work not yet undertaken	N/A
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	N/A	N/A
12. One-off payment to help remedy and mitigate adverse effects of consent. Payable within three months of commencement of work	Work not yet undertaken	N/A
13. Consent holder to take reasonable steps to minimise sediment in stream	Work not yet undertaken	N/A
14. No vegetation to be buried within 20 m of piped stream	Work not yet undertaken	N/A
15. Works to cease in event of discovery of archaeological remains	Work not yet undertaken	N/A
16. Earthworks to be stabilised as soon as practicable	Work not yet undertaken	N/A
17. Optional review provision re environmental effects	Next option for review June 2020	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 6 Summary of performance for AA Contracting Limited's consent 5180-1 (in effect 1 July 2014 to 30 October 2014)

Purpose: <i>To discharge cleanfill onto a land reclamation site</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent exercised in accordance with application	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of prohibited materials listed in the consent	Inspections	Yes

Purpose: <i>To discharge cleanfill onto a land reclamation site</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	Yes
5. No contaminants to enter ground or surface water	Sampling	Yes
6. Provide and maintain sediment and erosion plan	Plan provided	Yes
7. Adopt best practice	Inspections	Yes
8. Upon completion the discharge site shall be stabilised and re-vegetated	Site still in use	N/A
9. Review condition	Consent has expired	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 7 Summary of performance for AA Contracting Limited's consent 5180-2 (in effect from 31 October 2014)

Purpose: <i>To discharge cleanfill onto and into land</i>		
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	Yes
5. No contaminants to enter ground or surface water	Inspections and sampling	Yes
6. Silt retention structures to be installed	Inspections	Yes
7. Install and maintain stormwater diversion drains	Inspections	Yes
8. Adopt best practice	Inspections	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	Site still in use	N/A
10. Consent lapse	Consent has been exercised	N/A

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
11. Review condition	Next option for review in June 2020	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 1.1.4.

2.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT monitoring of discharges from AA Contracting's cleanfill in the 2014-2015 period continue at the same level as that of the 2013-2014 period.

This recommendation was implemented.

2.4.5 Alteration to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

2.5 Recommendation

THAT monitoring of discharges from AA Contracting's cleanfill in the 2015-2016 period continues at the same level as in 2014-2015.

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.



Figure 3 A & A George Family Trust cleanfill at Dudley Road, New Plymouth

3.2 Results

3.2.1 Inspections

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

31 July 2014

There were piles of broken concrete, clay, dirt, and stumps present at the tipface on this site. The inspecting officer noted the site was satisfactory, with no ponding or odour issues found.

10 March 2015

The site was found to be satisfactory. Materials at the tip face consisted of broken concrete, clay, dirt, cured bitumen and metal (gravel). No unauthorised materials were noted at the time of inspection.

5 June 2015

It was noted that the gate was open at the time of this inspection. A large volume of material had been dumped since the previous inspection. Materials at the tip face consisted of clay, dirt, tree stumps, broken concrete, bitumen and grass sods. A pile of cardboard and some tandalised timber post off cuts was stacked to the side of the cleanfill. The consent holder was instructed to remove these.

3.2.2 Results of receiving environment monitoring

As the cleanfill site is not near a water body, there is no routine water sampling programmed for this cleanfill. No water discharges were noted from the site during inspections, and so no water sampling was undertaken.

3.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

3.4 Discussion**3.4.1 Discussion of site performance**

The site was generally found to be well managed during the period under review. The consent holder was advised to remove some prohibited materials (cardboard and tandalised post off-cuts), however these had not been discharged to the cleanfill tip face at the time of inspection, and therefore this was considered to be an

inconsequential breach of consent conditions. George Family were instructed to remove the material, and no further action was taken.

3.4.2 Environmental effects of exercise of consents

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

3.4.3 Evaluation of performance

A tabular summary of George Family's compliance record for the period under review is set out in the table below.

Table 8 Summary of performance for A & A George Family Trust's consent 9680-1

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge only to be undertaken in the specified area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of prohibited materials listed in the consent	Inspections	Minor amount of prohibited material present, but not discharged at the tip face
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	Yes
5. No discharge of contaminants to water	Inspections	Yes
6. Install silt retention structures	Inspections	Yes
7. Maintain drains, ponds and contours on site to minimise unwanted water movement and ponding on site	Inspections	Yes
8. Adopt best practice	Inspections	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	Site is still in use	N/A
10. 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		Good
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

During the year, George Family demonstrated a good level of environmental performance and a high level of administrative performance with their resource consent as defined in Section 1.1.4.

3.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT monitoring of discharges from the George Family's cleanfill in the 2014-2015 period monitoring continues at the same level as that of the 2013-2014 period.

This recommendation was implemented.

3.4.5 Alteration to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

3.5 Recommendation

THAT monitoring of discharges from the George Family's cleanfill in the 2015-2016 period monitoring continues at the same level as in 2014-2015.

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.

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. Most of the filled areas have been re-grassed, leaving only the tip face exposed.

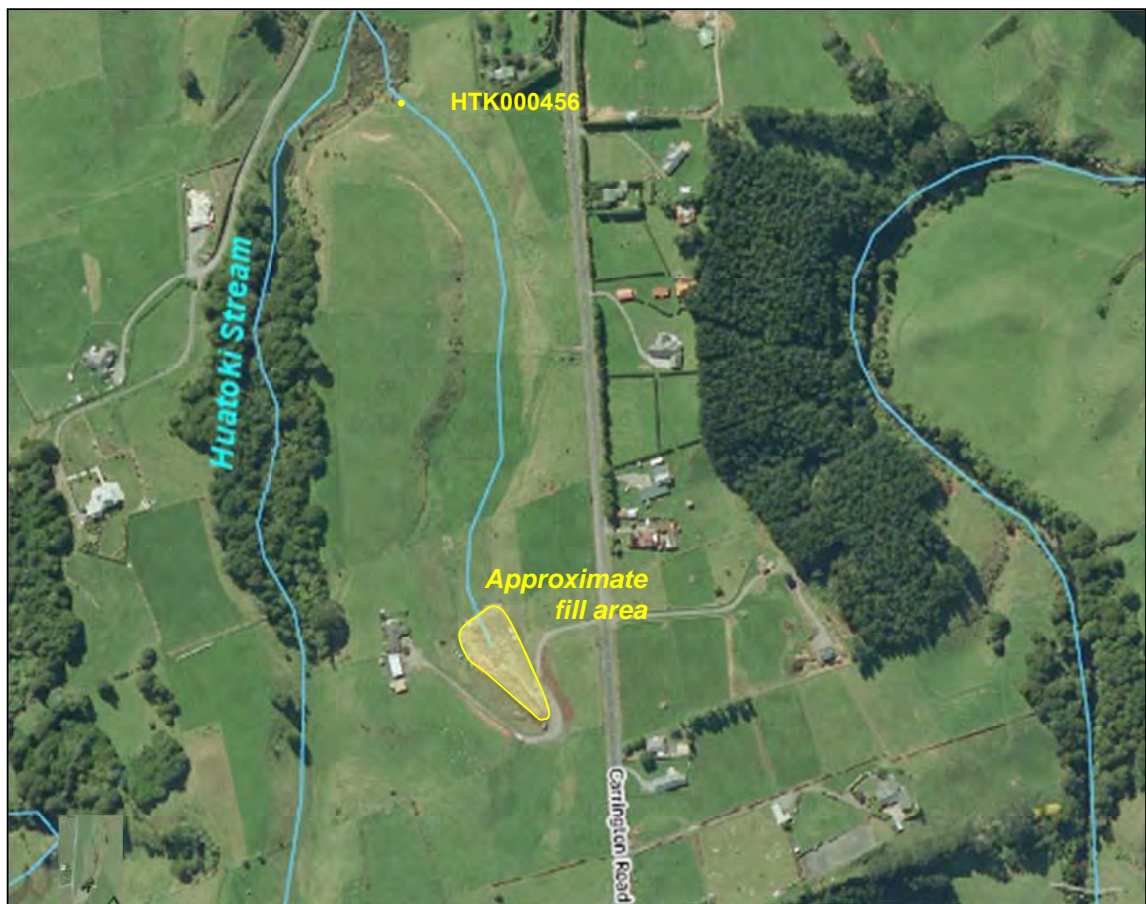


Figure 4 AE Riddick's cleanfill and sampling site at Carrington Road, New Plymouth

4.2 Results

4.2.1 Inspections

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

7 August 2014

The site was found to be satisfactory at the time of inspection. A large volume of material had been dumped since the previous inspection, including large piles of

clay, dirt, and a very large amount of broken concrete. There were no silt or sediment issues noted at the time of inspection.

10 March 2015

A large volume of waste was again observed at this inspection. Materials present consisted of large amounts of clay and dirt, and a few loads of broken concrete and metal (gravel). The site had recently been levelled and there was a bulldozer on site at the time of the inspection. There were no odours, ponding or dust issues noted.

3 June 2015

A bulldozer was again found to be present at the site during this inspection. It was found that the site had recently been levelled. A lot of material had been dumped at the site since the previous inspection, with material at the tip face consisting of clay, dirt and broken concrete.

4.2.2 Results of receiving environment monitoring

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

Table 9 Chemical analysis of an unnamed tributary of the Huatoki Stream below AE Riddick's cleanfill

Parameter	Units	10 March 2015
		HTK000456 (downstream of cleanfill)
Conductivity	mS/m	21.8
Unionised ammonia	g/m ³ -N	0.00009
Ammoniacal nitrogen	g/m ³ -N	0.024
pH	pH	7.0
Temperature	C	16.4

The pH, conductivity, and ammoniacal nitrogen concentrations measured in the tributary (HTK000456) indicate that cleanfill is not leaching any adverse contaminants into the environment. The unionised ammonia concentration measured downstream of the cleanfill was well below the 0.025 g/m³ guideline value given in the RFWP to protect aquatic ecosystems that maybe subjected to long term exposure.

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

4.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

4.4 Discussion

4.4.1 Discussion of site performance

The cleanfill site was well managed during the monitoring period and no operational issues were noted. There were no complaints made to the Council in relation to the site during the period under review.

4.4.2 Environmental effects of exercise of consents

No adverse environmental effects were observed either via site inspection or chemical analysis of water samples. Historically the level of contaminants found in the water downstream of the cleanfill has indicated that there has been little or no effect on water quality by the cleanfill's presence.

4.4.3 Evaluation of performance

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

Table 10 Summary of performance for AE Riddick's consent 3977-3 (in effect 1 July 2014 to 15 December 2014)

Purpose: <i>To discharge cleanfill onto and into land</i>		
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

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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	Yes
5. Discharge to land not to result in contaminants entering ground or surface water	Samples	Yes
6. Install silt retention structures	Inspections	Yes
7. Maintain drains, ponds and contours on site to minimise unwanted water movement and ponding on site	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. Optional review provision re environmental effects	Consent has expired	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 11 Summary of performance for AE Riddick's consent 3977-4 (in effect from 15 December 2014)

Purpose: <i>To discharge cleanfill onto and into land</i>		
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	Yes
5. Discharge to land not to result in contaminants entering ground or surface water	Sampling	Yes

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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 2020	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 demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Section 1.1.4.

4.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT monitoring of discharges from Riddick's cleanfill in the 2014-2015 year continues at the same level as in 2013-2014.

This recommendation was implemented.

4.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

4.5 Recommendation

THAT monitoring of discharges from Riddick's cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.

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 5888-1 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 culvert passes through the cleanfill which carries surface water from the Ahu Ahu Road roadside drain.

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 is shown in Figure 5.



Figure 5 BJ & LB Bishop's cleanfill and sampling sites at Ahu Ahu Road, Oakura (approximate fill area indicated in yellow)

5.2 Results

5.2.1 Inspections

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

31 July 2014

Piles of clay, dirt, stumps, and broken concrete were present at the tip face during the inspection. It was noted that a load of domestic rubbish had been dumped, and the consent holder was instructed to remove this. The consent holder was also directed to install silt and sediment controls. The consent holder was asked to contact Council when the works had been carried out.

12 November 2014

The site was found to be satisfactory at the time of inspection. The site was secure, and, although a large volume cleanfill was present, this consisted of permitted materials, namely tiles, clay, dirt, and cured bitumen.

10 March 2015

It was found that the existing culvert had been extended. A large silt trap had been dug and silt fencing installed. The material present consisted of clay, dirt, and bricks. The site was considered to be satisfactory at the time of this inspection.

5.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

5.4 Discussion**5.4.1 Discussion of site performance**

The site was generally well managed during the period under review. Prohibited material was noted on one occasion, however this was considered to be an inconsequential non compliance and was promptly dealt with by the consent holder. The consent holder also installed silt controls when directed to.

5.4.2 Environmental effects of exercise of consents

No adverse environmental effects were observed during site inspections. Historically the results from water samples indicate slightly elevated level of ammoniacal nitrogen in the unnamed tributary, however overall the presence of the cleanfill is likely to be having a less than minor effect on the receiving waters.

5.4.3 Evaluation of performance

A tabular summary of Bishop's compliance record for the period under review is set out in the tables below.

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

Purpose: <i>To discharge cleanfill onto and into land</i>		
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	Minor amount of prohibited material present, but removed promptly
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	Yes
5. No discharge of contaminants to ground or surface water	Not assessed during the period under review	N/A
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 of consent	Consent exercised	N/A
11. Optional review provision re environmental effects	Next option for review in June 2019	N/A
Overall assessment of environmental performance in respect of this consent		Good
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

Table 13 Summary of performance for BJ & LB Bishop's consent 5888-1

Purpose: <i>To erect, place and maintain a culvert in the headwaters of an unnamed tributary of the Waimoku Stream for cleanfilling activities</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notification of any maintenance which may disturb the stream bed	No maintenance during period	Yes
2. Comply with information submitted in support of application	Inspections	Yes
3. Minimise discharge of contaminants into the stream and avoid disturbance of the stream bed	Inspections	Yes
4. Ensure the culvert is free of debris	Inspections	Yes
5. Remove the structures and reinstate the area when the structures are no longer needed	Structures still in use	N/A
6. Optional review provision re environmental effects	No further option for review prior to expiry	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, Bishop demonstrated a good level of environmental performance and a high level of administrative performance with their resource consents as defined in Section 1.1.4.

5.4.4 Recommendations from the 2013-2014 Annual Report

The 2013-2014 Annual Report recommended:

THAT monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2014-2015 year continue at the same level as in 2013-2014.

This recommendation was implemented.

5.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

5.5 Recommendation

THAT monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2015-2016 year continues at the same level as in 2014-2015.

6. Dorset Fibre Farm - Dorset Road, New Plymouth

6.1 Site description and activities

Dorset Fibre Farm holds resource consent 9532-1 to discharge cleanfill at a site on Dorset Road, New Plymouth. This application was granted retrospectively for the site after Council officers found that the site was receiving material without consent. The site accepts cleanfill; construction and demolition material dug up from an on-going carriageway/broadband project.

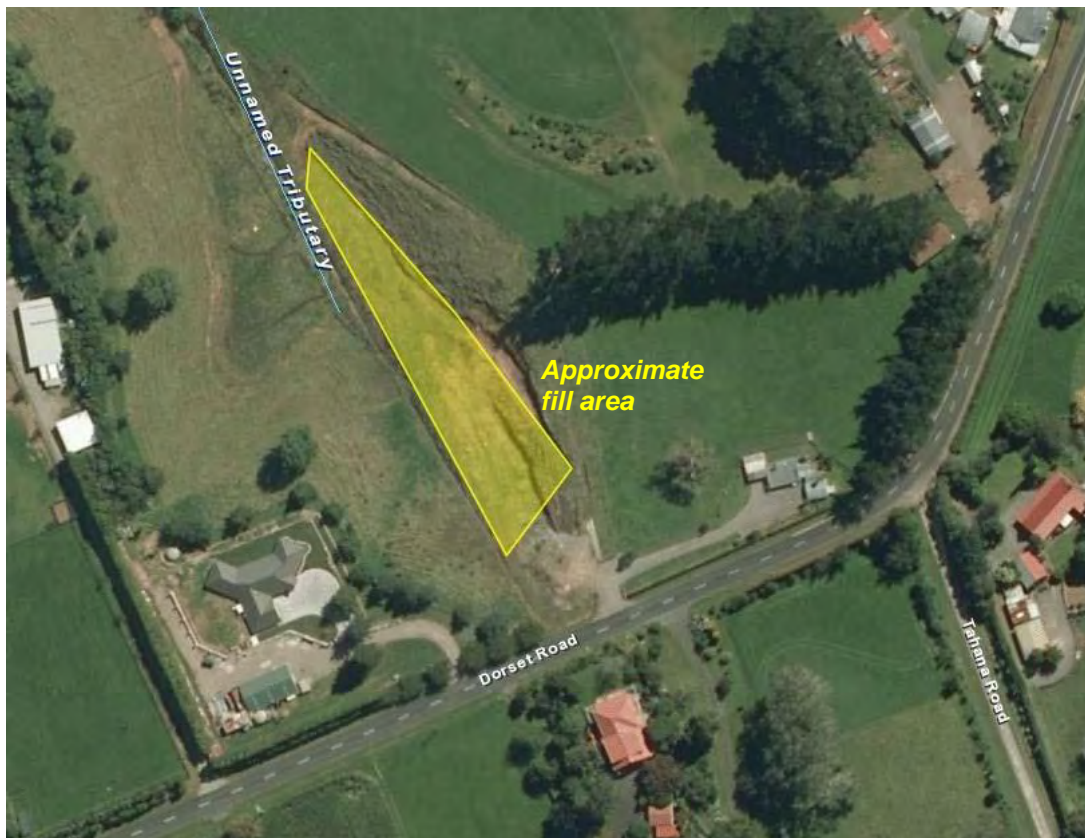


Figure 6 Dorset Fibre Farm cleanfill at Dudley Road, New Plymouth

6.2 Results

6.2.1 Inspections

The Dorset Fibre Farm cleanfill was inspected on three occasions during the period under review.

31 July 2014

It was noted that the site had recently been levelled. There were small volumes of bitumen, clay, dirt, and broken concrete present. The consent holder was instructed to install a silt and sediment trap to ensure any silt and sediment that may wash down the hill is directed through a treatment system.

12 November 2014

It was found that only a small amount of material had been dumped since the previous inspection in July. The material consisted of clay, dirt and concrete. It was observed that a silt drain had been installed as requested at the previous inspection.

10 March 2015

The site was found to be satisfactory at the time of this inspection. A small volume of material had been disposed of since the last inspection. Materials consisted of small quantities of clay, dirt, and thick branches.

6.2.2 Results of receiving environment monitoring

In the 2013-2014 it was recommendation that receiving water sampling being introduced as part of the monitoring programme for this cleanfill. However, 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, this was deemed unnecessary at this time.

6.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

6.4 Discussion

6.4.1 Discussion of site performance

On the whole, the site was found to be well managed during the period under review. The required silt controls were installed promptly.

6.4.2 Environmental effects of exercise of consents

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

6.4.3 Evaluation of performance

A tabular summary of Dorset Fibre Farm's compliance record for the period under review is set out in the table below.

Table 14 Summary of performance for Dorset Fibre Farm's consent 9532-1

Purpose: <i>To discharge cleanfill onto and into land, where contaminants may enter an unnamed tributary of the Manganaha Stream, including associated stream bed reclamation</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notify Council prior to works		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	Yes
6. No discharge of contaminants to water	Samples not collected during review period	N/A
7. Install specific or approved silt retention structures	Inspections	Yes
8. Site to be re-vegetated 6 months after discharges cease	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 2020	N/A
Overall assessment of environmental performance in respect of this consent		High
Overall assessment of administrative performance in respect of this consent		High

During the year, Dorset Fibre Farm demonstrated a high level of environmental performance and a high level of administrative performance with their resource consent as defined in Section 1.1.4.

6.4.4 Recommendation from the 2013-2014 Annual Report

The 2013-2014 Annual Report recommended:

THAT monitoring of discharges from Dorset Fibre Farm's cleanfill be increased to include three inspections and a discharge sample.

Three inspections were carried out at the site, however due to the distance to the water way, the diversion and treatment systems in place, and the nature of the material being disposed of at the site, sampling was deemed unnecessary at this time.

6.4.5 Alteration to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

6.5 Recommendation

THAT monitoring of discharges from Dorset Fibre Farm's cleanfill in 2015-2016 year continues at the same level as in 2014-2015.

7. Downer EDI Works Limited – Veale Road, New Plymouth

7.1 Site description and activities

Downer EDI Works Limited (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 the filling the area will be restored with topsoil and pasture grass.

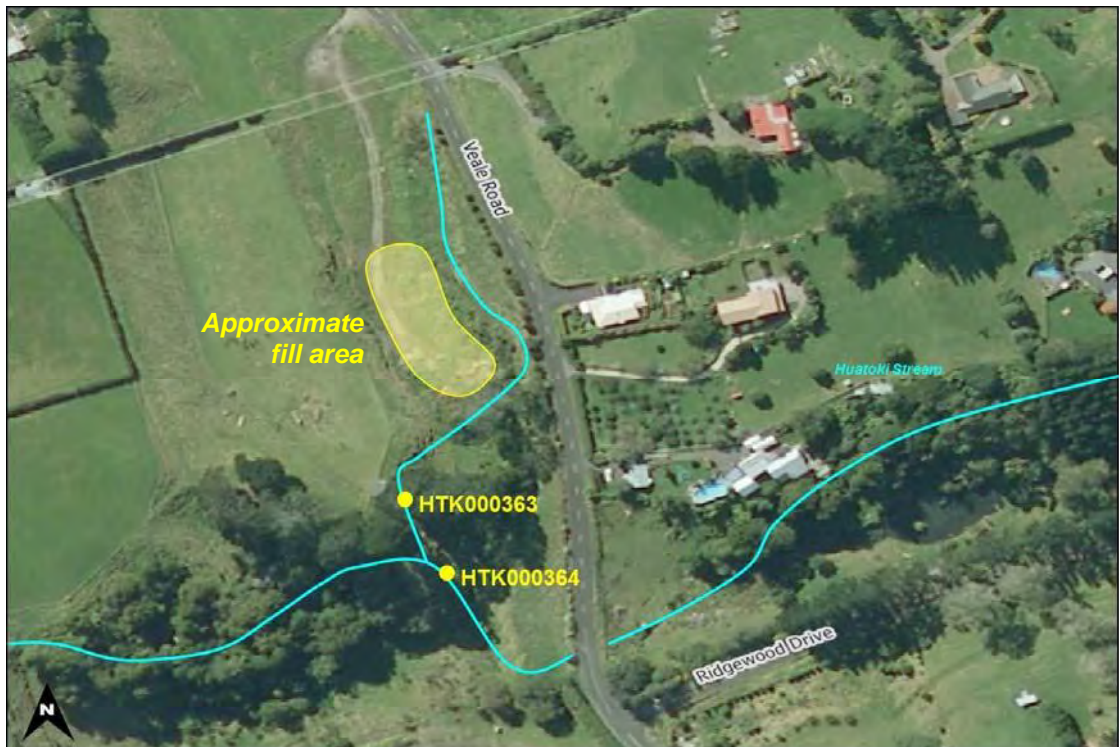


Figure 7 Downer EDI Works Limited's cleanfill and sampling sites at Veale Road, New Plymouth

7.2 Results

7.2.1 Inspections

The Downer Veale Road cleanfill was inspected on three occasions during the period under review.

12 November 2014

At inspection it was found that there was a large volume of clay, dirt, cured bitumen, broken bitumen, and broken concrete present at the site. Overall the site was considered to be satisfactory, with no ponding or odour issues noted.

10 March 2015

The site was found to be secure. It was observed that a large volume of material had been dumped since the previous inspection. This material consisted of cured bitumen, clay, dirt, and metal (gravel). The site was found to be clean and tidy, with no ponding, odour or dust issues noted.

3 June 2015

As noted at the previous two inspections, the site was again secure, and there was again a large volume of material present at the site. The discharge area had recently been levelled, and a bitumen access track had been established. Dumped material consisted of clay, dirt, concrete and a large amount of cured bitumen. The consent holder was reminded to ensure that silt and sediment controls were maintained over the wet winter months.

7.2.2 Results of receiving environment monitoring

Water quality samples were taken from the tributary below the cleanfill. The results are shown in the table below and the sampling locations are shown in Figure 7.

Table 15 Chemical analysis of a tributary of the Huatoki Stream at Downer EDI Works Limited's cleanfill, Veale Road, New Plymouth

Parameter	Units	10 March 2015	
		HTK000363 u/s of cleanfill	HTK000364 80 d/s of cleanfill
Conductivity	mS/m	20.0	14.1
Unionised ammonia	g/m ³ -N	0.00053	0.00010
Ammoniacal nitrogen	g/m ³ -N	0.144	0.023
pH	pH	7.0	7.1
Temperature	C	16.4	15.8

The pH, conductivity, and ammoniacal nitrogen concentrations measured in the tributary indicate that cleanfill is not leaching any significant amounts of contaminants into the environment. The unionised ammonia concentration measured downstream of the cleanfill was well below the 0.025 g/m³ guideline value given in the RFWP to protect aquatic ecosystems that maybe subjected to long term exposure.

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

7.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

7.4 Discussion

7.4.1 Discussion of site performance

The site was found to be well managed during the period under review.

7.4.2 Environmental effects of exercise of consents

No significant adverse effects on the environment were observed either via inspection or sample analysis.

7.4.3 Evaluation of performance

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

Table 16 Summary of performance for Downer EDI Works Limited's (Veale Road) consent 5213-2

Purpose: <i>To discharge cleanfill onto and into land</i>		
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	Yes
5. No discharge of contaminants to water	Inspections and sampling	Yes
6. Install 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

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
10. Lapse of consent	Consent has been exercised	N/A
11. Optional review provision re environmental effects	Next option for review in June 2020	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 resource consent as defined in Section 1.1.4.

7.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT monitoring of discharges from Downer's Veale Road cleanfill in the 2014-2015 year continues at the same level as in 2013-2014.

This recommendation was implemented.

7.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is now proposed that for 2015-2016, the programme remains unchanged.

7.5 Recommendation

THAT monitoring of discharges from Downer's Veale Road cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.

8. Downer EDI Works Limited – South Road, Hawera

8.1 Site description and activities

Downer EDI Works Limited (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.

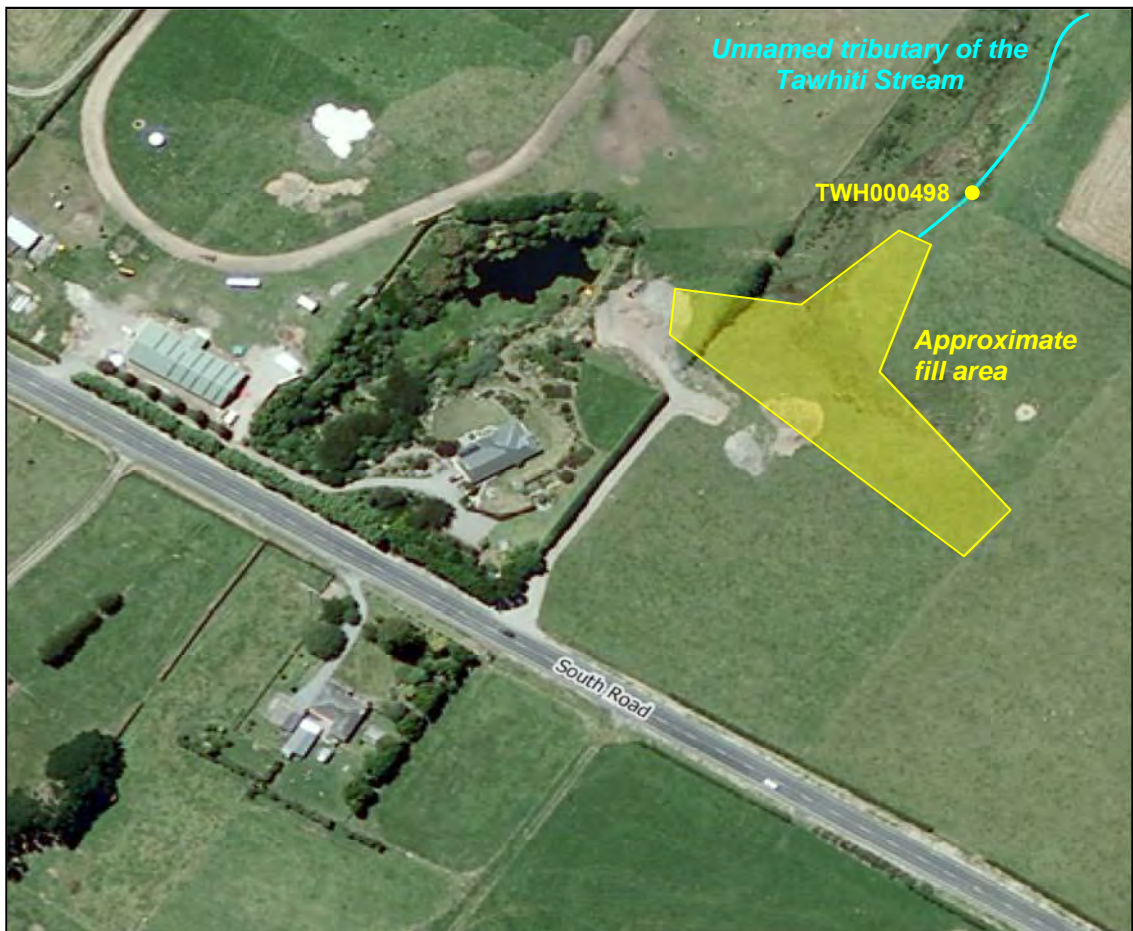


Figure 8 Downer EDI Works Limited cleanfill and sampling site at South Road, Hawera

8.2 Results

8.2.1 Inspections

The Downer cleanfill on South Road was inspected on three occasions during the period under review.

8 August 2014

It was found that the site had recently been levelled. There was a large volume of clay, dirt, concrete, and cured bitumen present. The consent holder was directed to install silt and sediment controls in the swampy area below the tip face.

18 November 2014

The site was found to be secure, and was being managed in a satisfactory manner. A silt trap had been installed as directed, and it was considered that this was working well. A large volume of material had been dumped since the previous inspection, which consisted of clay, dirt, cured bitumen, pallets, plastic pipe, and broken concrete.

4 June 2015

The site was found to be secure. It was noted that there was a bulldozer present on site, and that the site had recently been levelled. There was a large amount of clay, dirt, cured bitumen and broken concrete present. The consent holder was directed to clean the silt trap out.

8.2.2 Results of receiving environment monitoring

One sample was taken from the unnamed tributary of the Tawhiti Stream approximately 100 m below the cleanfill, with the results given in the table below.

Table 17 Chemical analysis of an unnamed tributary of the Tawhiti Stream at Downer EDI Works Limited's cleanfill, South Road, Hawera

Parameter	Units	4 June 2015
		TWH00498 (100 m downstream of cleanfill)
Conductivity	mS/m	42.3
Unionised ammonia	g/m ³ -N	0.00141
Ammoniacal nitrogen	g/m ³ -N	0.358
pH	pH	7.1
Temperature	C	14.3

The unionised ammonia concentration measured downstream of the cleanfill was well below the 0.025 g/m³ guideline value given in the RFWP to protect aquatic ecosystems that maybe subjected to long term exposure. There was a slightly elevated conductivity that would most likely have been attributable to the presence of dissolved iron, which often occurs naturally in Taranaki spring water. This site has exhibited elevated conductivity levels since the sampling began and this may either be due to natural high iron levels found in the catchment or the presence of the cleanfill. In the 2013-2014 Annual Report, it was recommended that, if the conductivity at this site continues to increase, water samples be taken upstream and downstream of the cleanfill, to be analysed for iron and zinc. A recommendation to this effect is attached to this report.

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

8.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

8.4 Discussion

8.4.1 Discussion of site performance

The cleanfill was generally well managed during the monitoring period. The consent holder needed to be reminded about obligations around silt control at the site on more than one occasion, however, works were carried out as instructed.

8.4.2 Environmental effects of exercise of consents

From observations during the inspections of the site and from the results of the downstream water sample taken, there is no indication that the activities at the site were having an adverse effect upon the environment. The elevated conductivity found downstream of the site is thought to be attributable to naturally occurring high levels of iron, rather than to the presence of the cleanfill. Additional sampling is recommended for the 2015-2016 year in order to investigate this further.

8.4.3 Evaluation of performance

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

Table 18 Summary of performance for Downer EDI Works Limited's (South Road) consent 6964-1

Purpose: <i>To discharge cleanfill onto and into land</i>		
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	
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
8. Consent holder to obtain written approval if acceptability of material uncertain	No approval sought	Yes
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 and maintain a contingency and site management plan	Provided with application for change to consent	Yes
13. Lapse condition	Consent exercised	N/A
14. Optional review provision re environmental effects	Optional review in June 2016, recommendation attached	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 (as defined in Section 1.1.4) in relation to the resource consent associated with their South Road site.

8.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT monitoring of discharges from Downer's South Road cleanfill in the 2014-2015 year continues at the same level as in 2013-2014.

This recommendation was subsequently implemented.

8.4.5 Alteration to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

8.4.6 Exercise of optional review of consent

Resource consent 6964-1 provides for an optional review of the consent in June 2016. Condition 14 allows the Council to review the consent, 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 consent.

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.

8.5 Recommendations

1. THAT monitoring of discharges from Downer's South Road cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.
2. THAT the option for a review of resource consent 6964-1 in June 2016, as set out in condition 14 of the consent, not be exercised, on the grounds that the current conditions are adequate to deal with any potential adverse effects.

9. Gas and Plumbing Limited – Colson Road, New Plymouth

9.1 Site description and activities

Earthworks Earthmoving Limited held consent 7165 -1 to discharge cleanfill to land. This consent was transferred to Gas and Plumbing Limited (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.

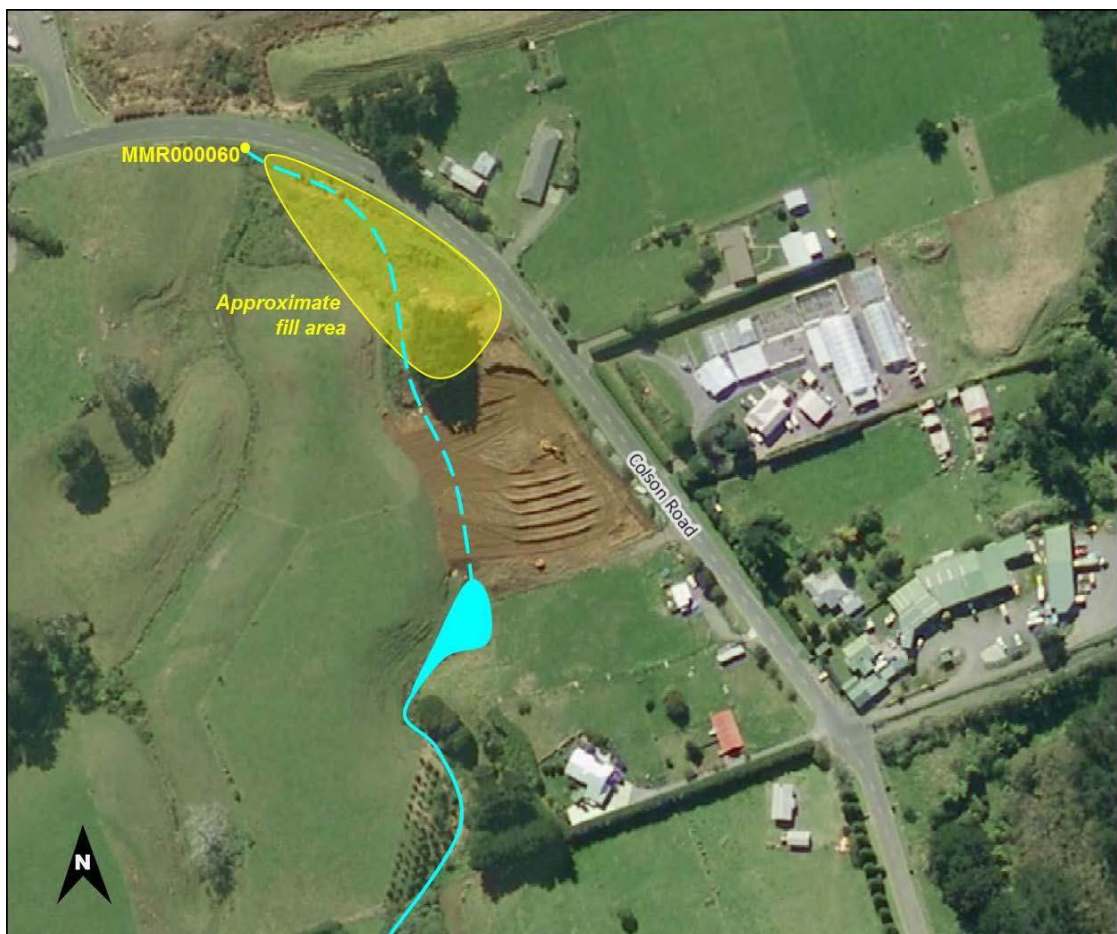


Figure 9 Gas and Plumbing Limited's cleanfill and sampling site at Colson Road, New Plymouth

9.2 Results

9.2.1 Inspections

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

5 August 2014

It was noted that the site had recently been levelled. The fill materials present at the site consisted of clay, dirt, and concrete. There was a small pile of green waste that had been dumped out to the side of the cleanfill area, which Gas and Plumbing staff

undertook to remove. Gas and Plumbing were also directed to install silt controls around the bottom of tip face

12 November 2014

It was found that not a lot had been dumped at the site since the previous inspection. The fill materials present consisted of clay, dirt, broken concrete and cured bitumen. The site looked good, and it was found that silt and sediment controls were in place as discussed during the previous inspection.

10 March 2015

It was found that there were large amounts of broken concrete, clay, dirt, and metal present at the site. There was also a load of agapanthus present that was mixed into a small amount of cleanfill. Gas and Plumbing were instructed to remove this, and to cease accepting agapanthus, as this is a form of green waste, which is prohibited by special condition 3 of the consent. With the exception of this minor consent noncompliance, the rest of the cleanfill activities at the site were well managed.

9.2.2 Receiving environment monitoring results

On 10 March 2015 a sample was taken in the Mangamiro Stream, below the cleanfill (TRC site code MR000060). The results are given in the table below.

Table 19 Chemical analysis of the Mangamiro Stream at Gas and Plumbing's cleanfill, Colson Road, New Plymouth

Parameter	Units	MMR000060 (u/s of Colson Road)
Conductivity	mS/m	24.1
Unionised ammonia	g/m ³ -N	0.00233
Ammoniacal nitrogen	g/m ³ -N	1.24
pH	pH	6.7
Temperature	C	16.7

The unionised ammonia concentration downstream of the cleanfill was well below the 0.025 g/m³ guideline value given in the RFWP to protect aquatic ecosystems that maybe subjected to long term exposure. The conductivity was also in the expected range for Taranaki freshwater at this elevation.

Although the ammoniacal nitrogen concentration is elevated in comparison to previous results obtained for samples from this location, this was an instantaneous result that is still below the annual median National Bottom Line of 1.3 g/m³ given in the National Policy Statement for Freshwater Management (2014).

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

9.3 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 (IR) 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).

In the 2014-2015 period, as far as the cleanfilling activities were concerned, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

9.4 Discussion

9.4.1 Discussion of site performance

During the period under review the site was generally well managed. The consent holder was reminded not to accept greenwaste at the site on two occasions, however this was considered a minor issue and, other than instructing that this be removed, no further action was considered necessary.

9.4.2 Environmental effects of exercise of consents

Sample results and observations made during inspections indicate that the presence of the cleanfill is not having any significant effect on the environment.

9.4.3 Evaluation of performance

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

Table 20 Summary of performance for Gas and Plumbing's consent 7165-1

Purpose: <i>To discharge cleanfill onto and into land in the vicinity of an unnamed tributary of the Mangaone Stream</i>		
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	Green waste needed to be removed at 2 of the 3 inspections
3. No discharge of materials detailed in the consent	Inspections	Green waste needed to be removed at 2 of the 3 inspections
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	Yes
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 still in use	N/A
9. Review condition	Next opportunity for review June 2020	N/A
Overall assessment of environmental performance in respect of this consent		Good
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

During the year, Gas and Plumbing generally demonstrated a good level of environmental performance and a high level of administrative performance with their resource consents as defined in Section 1.1.4. On two occasions green waste was found at the site that needed to be removed. Gas and Plumbing were also instructed that silt controls needed to be installed. These matters were addressed promptly.

9.4.4 Recommendations from the 2013-2014 Annual Report

The 2013-2014 Annual Report recommended:

THAT monitoring of discharges from Gas and Plumbing's cleanfill in the 2014-2015 year continues at the same level as in 2013-2014.

This recommendation was implemented.

9.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

9.5 Recommendation

THAT monitoring of discharges from Gas and Plumbing's cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.

10. Graham Harris (2000) Limited – Egmont Road, New Plymouth

10.1 Site description and activities

Graham Harris (2000) Limited (Graham Harris) holds consent 6771-1 to discharge cleanfill to land. The site is located at 341 Egmont Road, and is surrounded by farm land. The site was consented to accept cleanfill waste in December 2005. The area being filled is a moderately large depression in the centre of a paddock, and is becoming Taranaki's largest cleanfill. The site has one entrance which is secured by a locked gate. Surface water interceptor drains have been installed around the designated fill area.



Figure 10 Graham Harris [2000] Limited's cleanfill at Egmont Road, New Plymouth

10.2 Results

10.2.1 Inspections

The Graham Harris cleanfill was inspected on three occasions during the period under review.

31 July 2014

It was found that a bulldozer was on site, and levelling of the site commenced during the inspection. It was observed that there had been a lot of material disposed of since

previous inspection. The fill material consisted of clay, dirt, and a large volume of broken concrete and cured bitumen. The inspecting officer discussed the need for some large silt and sediment ponds, and silt fencing around bottom of site, with Graham Harris staff. At the end of the inspection Graham Harris was directed to ensure that large silt and sediment ponds were installed.

24 November 2014

It was found that there was a large amount of fill present at the site. The fill materials consisted of dirt, clay, broken concrete, bitumen, and tree stumps. It was reported that, in general, the site was in a satisfactory condition, with no dust or ponding issues found. It was noted that dumping was taking place at the top end of the site, and there was a large distance to the closest waterbody. However, Graham Harris was advised that there was still a need for a big silt and sediment trap to be installed.

10 March 2015

The site was found to be secure at the time of inspection. It was noted that there had been a large volume of material brought onto the site since the last inspection. The fill material consisted of clay, dirt, broken concrete, metal (gravel) and a pile of demolition material. The site was generally satisfactory, however, the silt and sediment controls requested during the previous two inspections had still not been put in place. Graham Harris was instructed to install these within the next week and or enforcement action may be taken.

This matter took some time to resolve, but the necessary silt controls had been installed at the time of writing this report.

10.2.2 Results of receiving environment monitoring

No water quality samples were taken during the monitoring period, as the site is well away from any water courses, and it is anticipated that water quality samples would only be obtainable in times of heavy rain.

However, as this site is becoming the largest cleanfill in Taranaki, it is recommended that there be a provision for sampling to be undertaken, if deemed necessary at the time of inspection.

10.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

10.4 Discussion

10.4.1 Discussion of site performance

The site was generally well managed throughout the monitoring period, however the consent holder ignored requests to install silt and sediment controls at the site as required by condition 7 of the consent.

10.4.2 Environmental effects of exercise of consents

During inspections, no significant adverse effects on the environment were observed as a result of the cleanfill operation.

10.4.3 Evaluation of performance

A tabular summary of Graham Harris (2000) Limited's compliance record for the year under review is set out in the table below.

Table 21 Summary of performance for Graham Harris (2000) Limited's consent 6771-1

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Adopt best practice	Inspections	No – silt retention structures required
2. Exercise consent in accordance with application	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 or required	N/A
6. No discharge of contaminants to water	Inspections	Yes
7. Install silt retention structures	Inspections	No
8. Install and maintain stormwater diversion drains	Inspections	Yes

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
9. Maintain appropriate contour	Inspections	Yes
10. No burning	Inspections	Yes
11. Provide information if requested	Not requested during period under review	N/A
12. Lapse period	Consent has been exercised	N/A
13. Optional review provision re environmental effects	No further review prior to expiry	N/A
Overall assessment of environmental performance in respect of this consent		Improvement required
Overall assessment of administrative performance in respect of this consent		High

N/A = not applicable

An improvement was required with regards to environmental performance at the Graham Harris site. During the year, Graham Harris was instructed to install silt control structures at all three inspections. Although this matter took some time to resolve, the necessary silt controls had been installed at the time of writing this report.

10.4.4 Recommendations from the 2013-2014 Annual Report

The 2013-2014 Annual report recommended:

THAT for 2014-2015, monitoring of Graham Harris's cleanfill continue at the same level as that of the 2013-2014 period.

This recommendation was implemented.

10.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme be amended to include a provision for sampling to be undertaken.

10.5 Recommendation

THAT monitoring of discharges from Graham Harris's cleanfill in the 2015-2016 year be amended from that of 2014-2015, by the inclusion of a provision for water sampling to be undertaken.

11. JW & TC Bailey Limited – Saxton Road, New Plymouth

11.1 Site description and activities

JW & TC Bailey Limited (Bailey) specialised in projects involving earthworks and earth moving equipment. This business was sold to Rough Contracting during the period under review. The depot is located on Saxton Road in the vicinity of the Te Henui Stream, and the site was also used for the disposal of cleanfill materials from earth moving projects undertaken by Bailey Contracting.

The cleanfill at the site has now been completed, and consents 5825-2, to discharge cleanfill onto and into land for land improvement purposes, and 5826-2, to discharge emissions to air associated with cleanfill activity for land improvement purposes, were surrendered on 11 December 2014.

Bailey still holds consents 4999-3, to discharge up to 130 m³/day (1.5 L/s) of leachate from a former cleanfill into an unnamed tributary of the Te Henui Stream, and 5824-2, to culvert an unnamed tributary of the Te Henui Stream for land improvement purposes associated with cleanfill activity.

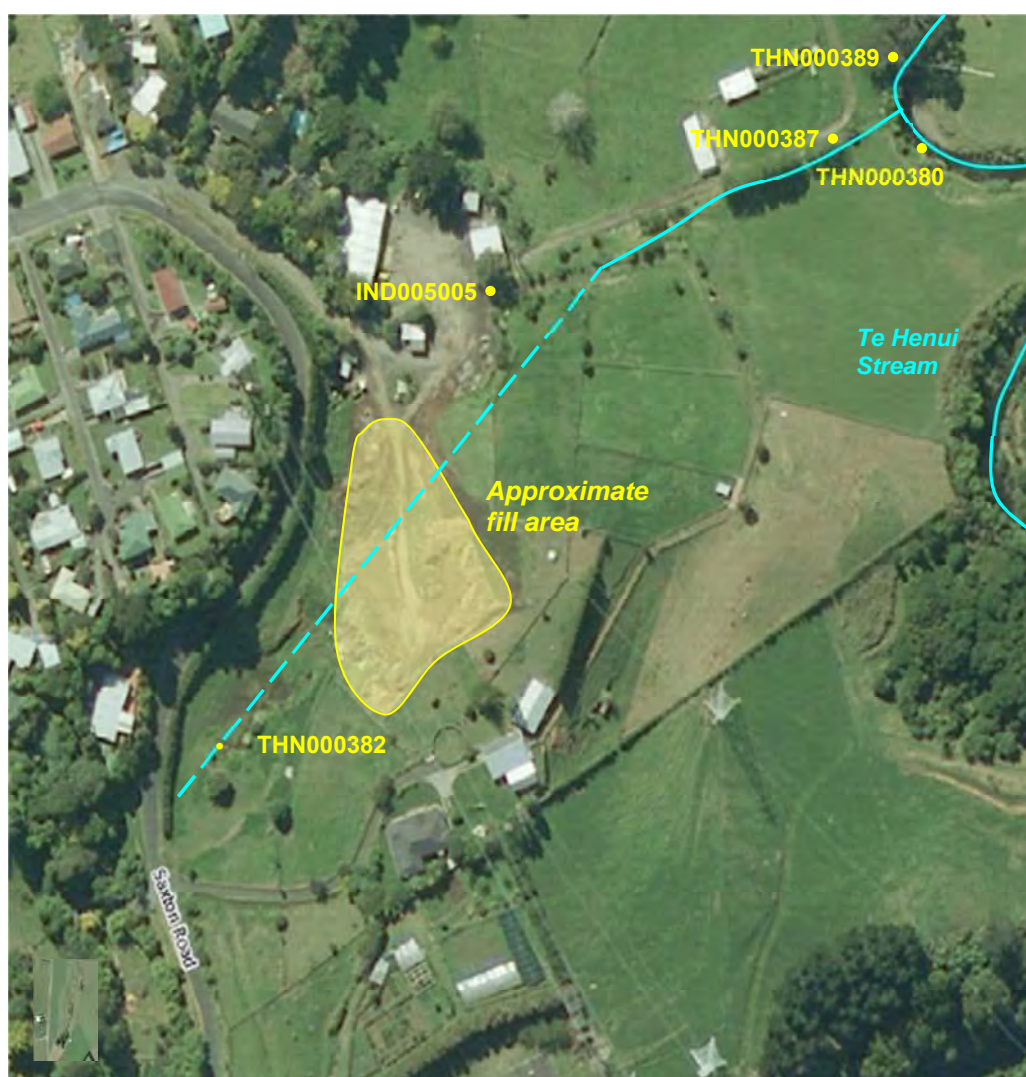


Figure 11 BJ & TC Bailey Limited's cleanfill and sampling sites at Saxton Road, New Plymouth

11.2 Results

11.2.1 Inspections

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

30 July 2014

It was reported that the area had been reinstated, and new fencing had been erected that surrounded the cleanfill site. It was observed that there was a small pile of dirt present, and the inspecting officer raised the question of how much more material would be imported onto the site.

9 December 2015

The site was visited to hand deliver surrender forms for the discharge to land and discharge to air consents associated with the cleanfill, which is no longer active. The forms were completed at the time of the site visit. The consent holder was informed that the consent covering the discharge of leachate from the site would need to be retained and that the Council would continue to monitor this consent for the moment.

At inspection, the most recently filled area was walked, and it was found that site had been capped and stabilised. There was good vegetative cover ensuring that there was little potential for any dust issues to occur. The cap condition was satisfactory, with no slumping observed.

10 March 2015

It was found that cattle were grazing on the old cleanfill site. It was observed that the cleanfill was fully covered and grass had established. No issues were noted during the inspection, and it was noted that the site looked good.

11.2.2 Results of discharge and receiving water monitoring

One discharge sample and three receiving environment samples were taken from the Te Henui Stream on 10 March 2015. The results of the chemical analyses of the samples are presented in the table below and the sampling locations are shown in Figure 11.

Table 22 Chemical analysis of discharge and the Te Henui Stream below JW & TC Bailey Limited's cleanfill, Saxton Road, New Plymouth

Parameter	Units	THN000382 cleanfill trib u/s of IND005005	THN000380 (u/s of cleanfill trib)	IND005005 (discharge)	THN000389 (d/s of confluence with cleanfill trib)
Conductivity	mS/m	13.9	9.5	24.1	9.7
Unionised ammonia	g/m ³ -N	0.00048	0.00018	0.00278	0.00030
Ammoniacal nitrogen	g/m ³ -N	0.161	0.012	2.35	0.025
pH	pH	6.9	7.6	6.5	7.5
Temperature	C	16.8	16.9	16.7	16.9

The results show that there was no significant change in water quality in the Te Henui Stream between the sampling sites up and downstream of the tributary that runs under the cleanfill. The discharge from the culvert had a slightly elevated level of ammoniacal nitrogen and unionised ammonia, however the unionised ammonia concentration measured downstream of the cleanfill was well below the 0.025 g/m³ guideline value given in the RFWP to protect aquatic ecosystems that may be subjected to long term exposure.

11.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

11.4 Discussion

11.4.1 Discussion of site performance

The cleanfill area is no longer actively used and has been reinstated and fenced. The site has been capped and stabilised, and has a good cover of vegetation.

11.4.2 Environmental effects of exercise of consents

No significant adverse effects were observed on water quality of the Te Henui Stream due to cleanfilling activities at the site, or noted as a result of the water sample analyses.

11.4.3 Evaluation of performance

A tabular summary of Bailey's compliance record for the period under review is set out in the following table.

Table 23 Summary of performance for JW & TC Bailey Limited's consent 4999-3

Purpose: To discharge up to 130 m ³ /day (1.5 L/s) of leachate from a former cleanfill into an unnamed tributary of the Te Henui Stream		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Maintain stormwater drains and contours at the site	Inspections	Yes
2. Prevent or minimise any likely adverse effects on the environment due to the discharge of leachate	Inspections	Yes
3. Discharge shall not alter water quality in the Te Henui Stream	Inspections and water sampling	Yes
4. Prevent or minimise any likely adverse effects on the environment due to any discharge at the site	Inspections and water sampling	Yes
5. Optional review provision re environmental effects	No further provision for review prior to expiry	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 24 Summary of performance for JW & TC Bailey Limited's consent 5824-2

Purpose: To culvert an unnamed tributary of the Te Henui Stream for land improvement purposes associated with cleanfill activity		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Comply with information submitted in support of application	Inspections	Yes
2. Notification of the commencement and completion of the project, and of any maintenance which may disturb the stream bed	No maintenance during period under review	N/A
3. Maintain stormwater drains and/or contours at the site	Inspections	Yes
4. Maintain the culvert	Inspections	Yes
5. Install silt retention structures	No maintenance during period under review	N/A
6. Minimise disturbance to the stream bed	No maintenance during period under review	N/A
7. Prevent or minimise any likely adverse effects on the environment	No maintenance during period under review	N/A

Purpose: To culvert an unnamed tributary of the Te Henui Stream for land improvement purposes associated with cleanfill activity		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
8. Remove the structures and reinstate the area when the structures are no longer needed	Structure in use	N/A
9. Optional review provision re environmental effects	No further provision for review prior to expiry	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 25 Summary of performance for JW & TC Bailey Limited's consent 5825-2 (in effect until 11 December 2014)

Purpose: To discharge cleanfill onto and into land for land improvement purposes		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent exercised in accordance with application	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 found to be required	Yes
5. No contaminants to enter ground or surface water	Samples	Yes
6. Build and maintain silt retention structures	Inspections	Yes
7. Consent exercised in accordance with application	Inspections	Yes
8. Upon completion the discharge site shall be stabilised and re-vegetated	Inspections	Yes
9. Review condition	Consent has been surrendered	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 26 Summary of performance for JW & TC Bailey Limited's consent 5826-2 (in effect until 11 December 2014)

Purpose: To discharge emissions to air associated with cleanfill activity for land improvement purposes		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Comply with information submitted in support of application	Inspections	Yes
2. No offensive odours or dust or noxious concentrations	Inspections	Yes
3. No burning on site	Inspections	Yes
4. Prevent or minimise any likely adverse effects on the environment	Inspections	Yes
5. Maintain a management plan for the site	Consent not exercised	N/A
6. Optional review provision re environmental effects	Consent has been surrendered	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, Bailey demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Section 1.1.4.

11.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT the monitoring of discharges from Bailey's in the 2014-2015 period be reduced to three inspections and two samples from the Te Henui Stream (up and downstream of the cleanfill tributary).

Inspections were reduced to three during the period under review, however due to an oversight, four samples were programmed and collected.

11.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

It is proposed that for 2015-2016, the monitoring programme remained unchanged from that scheduled in the 2014-2015 period (three inspections and two samples).

11.5 Recommendation

THAT the monitoring of discharges from Bailey's cleanfill in the 2015-2016 year remain unchanged from that of 2014-2015.

12. Mini Earth Movers – Henwood Road, New Plymouth

12.1 Site description and activities

Consent 9855-1 was granted to Mini Earth Movers on 24 June 2014. The consent superseded an expiring consent, which had allowed the consent holder to pipe an unnamed tributary of the Mangaone Stream, and then discharge cleanfill to re-contour the piped area.

The consent was surrendered on 28 January 2015 as due to a change in circumstances, cleanfill operations were no longer being undertaken at the site.



Figure 12 Mini Earth Movers cleanfill site at Henwood Road, Bell Block

12.2 Results

12.2.1 Inspection

The Mini Earth Movers cleanfill was inspected on three occasions during the period under review.

5 August 2014

It was found that only a small volume of cleanfill material had been disposed of at the site. The material consisted of clay and dirt. It was reported that the site looked good at the time of inspection. The consent holder was advised that, if a lot of material was to be disposed of at the site, silt and sediment controls may need to be installed.

24 November 2014

It was found that nothing had been disposed of at the site since the previous inspection, and the site was considered to be in a satisfactory condition.

26 January 2015

An inspection took place on to confirm that the conditions had been met in order to allow the consent to be surrendered. It was noted that the cleanfill site was small and, during its operation, very little material had been disposed of. It was considered that there was not likely to be any adverse effects as a result of the activities that had been undertaken at the site.

12.2.2 Results of receiving environment monitoring

Water samples were not collected at this site due to the low level of activity at the site.

12.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

12.4 Discussion**12.4.1 Discussion of site performance**

There were no issues noted during inspections, and Council received no complaints.

12.4.2 Environmental effects of exercise of consents

No adverse effects were noted during the inspections undertaken at this site during the period under review. Cleanfill operations are no longer carried out at this site, and the consent was surrendered on 28 January 2015.

12.4.3 Evaluation of performance

A tabular summary of Mini Earth Movers compliance record for the year under review is set out in the table below.

Table 27 Summary of performance for Mini Earth Movers consent 9855-1 (in effect until 28 January 2015)

Purpose: <i>To discharge cleanfill onto and into land</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge only to occur in the specified area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of materials detailed in the consent	Inspections	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	Yes
5. Contaminants not to enter surface or groundwater	Inspections	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. Site stabilised and re-vegetated when no longer required	Inspections	Yes
10. Lapse of consent	N/A	N/A
11. Review condition	Consent has been surrendered	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 year, Mini Earth Movers demonstrated a high level of environmental performance and a high level of administrative performance with their resource consents as defined in Section 1.1.4.

12.4.4 Recommendation from the 2013-2014 Annual Report

The annual report for the 2013-2014 period did not include this consent holder.

12.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, monitoring is no longer carried out at this site as the cleanfill is no longer used and the consent has been surrendered. It is not envisioned that there will be any long term effects from the cleanfill that would require on going monitoring of the site.

12.5 Recommendation

THAT monitoring of discharges from the Mini Earth Movers cleanfill in the 2015-2016 year be discontinued, as cleanfill operations are no longer carried out at the site, and the consent has been surrendered.

13. Taranaki Trucking Company Limited - Cardiff Road, Stratford

13.1 Site description and activities

Taranaki Trucking Company Limited (Taranaki Trucking) holds resource consents 5561-1, to 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 has not been installed as yet, but as filling progresses the consent holder may install the consented culvert.

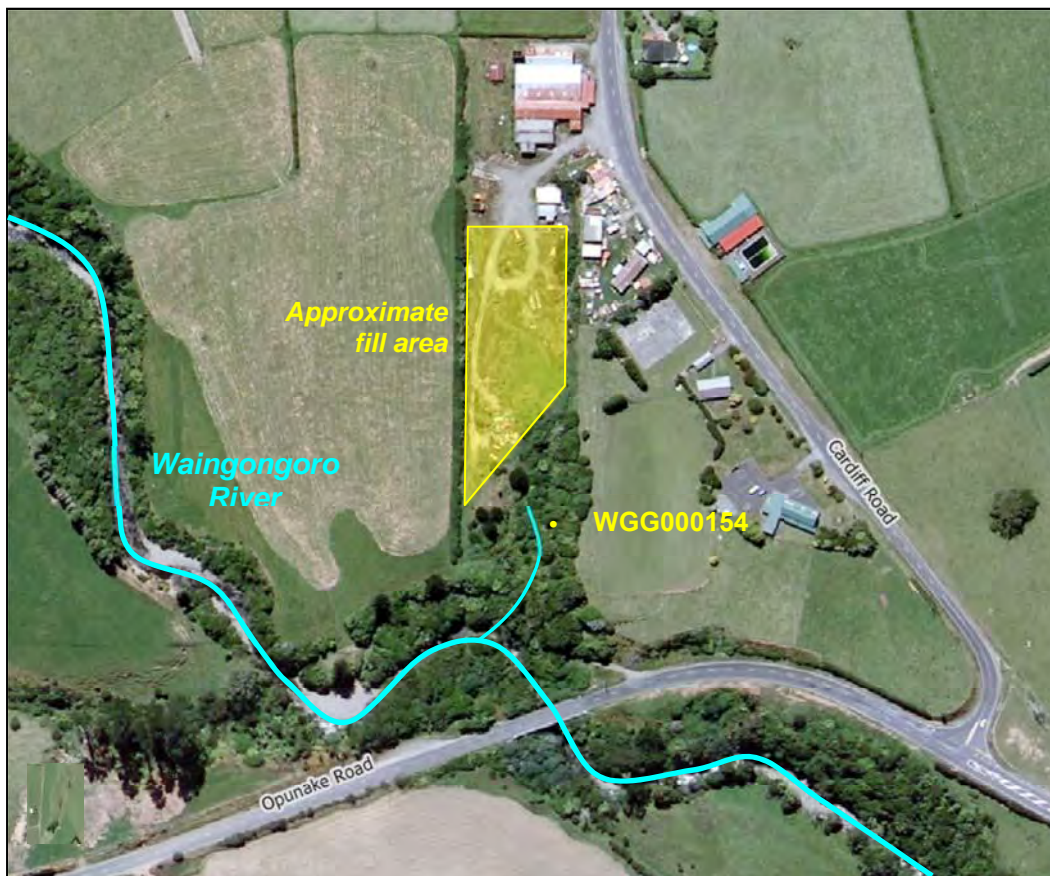


Figure 13 Taranaki Trucking Company Limited's cleanfill and sampling sites at Cardiff Road, Stratford

13.2 Results

13.2.1 Inspections

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

5 August 2014

The site was found to be in a satisfactory condition at the time of inspection. It was reported that there had been very little disposed of since the previous inspection. The cleanfill materials present consisted of only bricks and broken concrete.

10 June 2015

It was again noted that very little material had been disposed of since the previous inspection. A pile of unsuitable material had been dumped in the yard area, and the consent holder was reminded that this could not be disposed of in the cleanfill.

13.2.2 Results of receiving environment monitoring

A water quality sample was taken on 10 June 2015 at site WGG000154, which is below the toe of the cleanfill. The results are shown in the table below, and the location of the monitoring site is identified in Figure 13.

Table 28 Chemical analysis of a tributary of the Waingongoro River below Taranaki Trucking Company Limited's cleanfill, Cardiff Road, Stratford

Parameter	Units	WGG000154 (10m d/s of cleanfill)
Conductivity	mS/m	12.2
Unionised ammonia	g/m ³ -N	0.00007
Ammoniacal nitrogen	g/m ³ -N	0.056
pH	pH	6.7
Temperature	C	11.6

The results from the analyses indicate that the cleanfill's presence is having little, if any, effect on water quality in the Waingongoro Stream. The conductivity is comparable with Taranaki surface water levels at this altitude, and the level of unionised ammonia was well below the 0.025 g/m³ guideline for the protection of aquatic ecosystems.

13.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

13.4 Discussion

13.4.1 Discussion of site performance

Inspections indicated that there was not much cleanfill activity at the site during the period under review. Unauthorised material was noted at the site on one occasion, however this had not been disposed of into the cleanfill area.

13.4.2 Environmental effects of exercise of consents

Ammoniacal nitrogen and conductivity levels in the water indicate good water quality downstream of the fill area, and there were no dust or odour issues noted during the year. 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.

13.4.3 Evaluation of performance

A tabular summary of the Taranaki Trucking's compliance record for the year under review is set out in the tables below.

Table 29 Summary of performance for Taranaki Trucking Company Limited's consent 5561-1

Purpose: <i>To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River</i>		
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	Yes
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

Purpose: <i>To discharge cleanfill onto land in the vicinity of an unnamed tributary of the Waingongoro River</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
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
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 30 Summary of performance for Taranaki Trucking Company Limited's consent 6280-1

Purpose: <i>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</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. The consent shall be exercised in accordance with information supplied	Culvert not yet installed	N/A
2. The consent holder shall adopt the best practicable option	Culvert not yet installed	N/A
3. Lapse of consent	N/A	N/A
4. Notification of the commencement and completion of the project, and of any maintenance which may disturb the stream bed	Culvert not yet installed	N/A
5. Ensure the culvert is free of debris	Culvert not yet installed	N/A
6. Remove the structures and reinstate the area when the structures are no longer needed	Culvert not yet installed	N/A
7. Installation of the culvert shall cause minimum disturbance to the riverbed	Culvert not yet installed	N/A
8. Specifies the minimum diameter of the culvert	Culvert not yet installed	N/A
9. Optional review provision re environmental effects	No further option for review prior to expiry	N/A
Overall assessment of environmental performance in respect of this consent		N/A
Overall assessment of administrative performance in respect of this consent		N/A

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 1.1.4.

13.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT monitoring of discharges from Taranaki Trucking's cleanfill in the 2014-2015 period continues at the same level as in the 2013-2014 period.

This recommendation was implemented.

13.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, the programme remains unchanged.

13.5 Recommendation

THAT monitoring of discharges from Taranaki Trucking's cleanfill in the 2015-2016 year continues at the same level as in the 2014-2015 period.

14. V Rowe Family Trust & CG Bayliss Family Trust Partnership - Manutahi Road, Bell Block

14.1 Site description and activities

V Rowe Family Trust & CG Bayliss Family Trust (Rowe & Bayliss) held consent 9411-1 to discharge cleanfill onto and into land (where contaminants may enter water).

The area filled was the head water gully of an unnamed tributary of the Awai Stream. Water had become impounded in the gully due to land improvement works in the property down gradient of this site. The Rowe & Bayliss filled the gully to prevent stormwater (and/or spring water) accumulating in the area. Filling materials were sourced from a local civil contractor.

This consent was granted on 19 December 2012 and was surrendered on 25 May 2015, with the completion of filling being in January 2015. The site was then stabilised and grassed, with the area now used as grazing pasture.

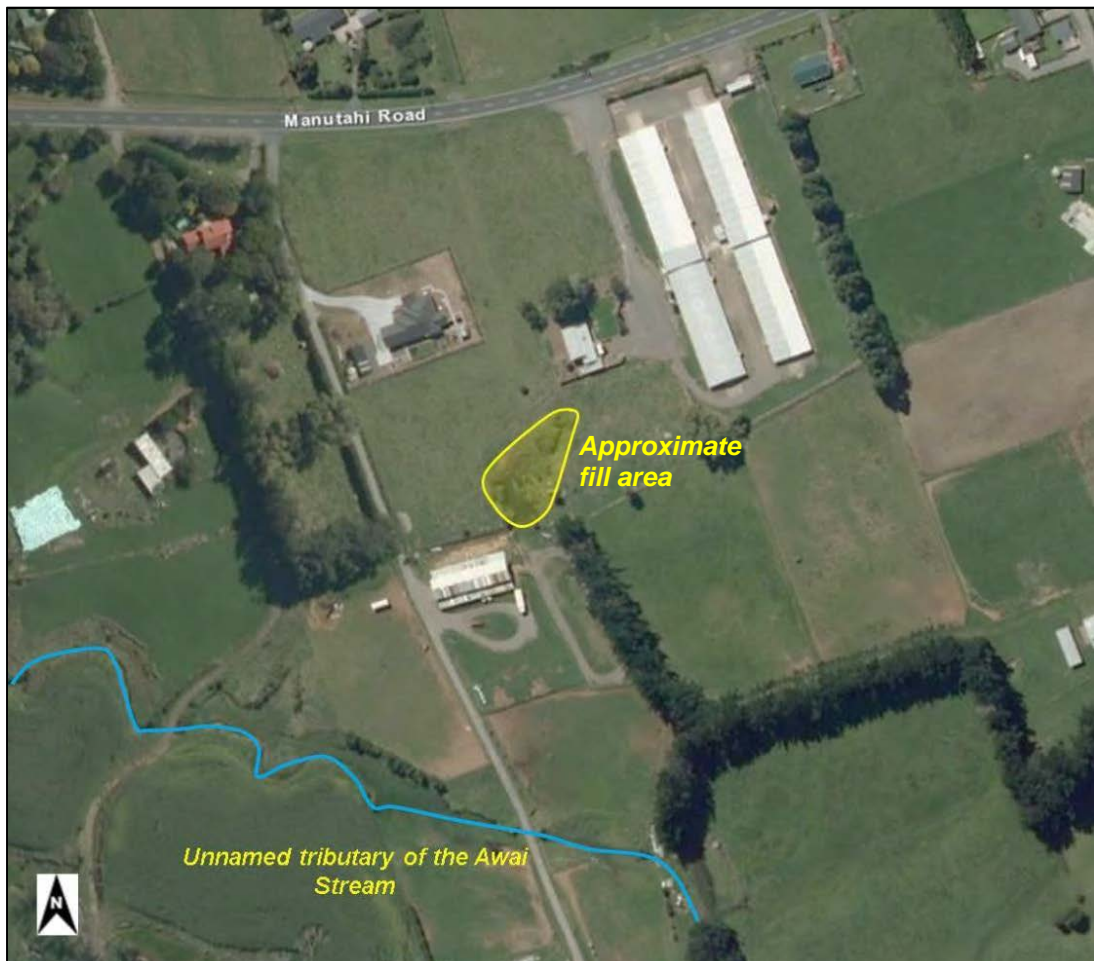


Figure 14 V Rowe Family Trust & CG Bayliss Family Trust Partnership's cleanfill site at Manutahi Road, Bell Block

14.2 Results

14.2.1 Inspection

The Rowe & Bayliss cleanfill was inspected on three occasions during the period under review.

The site was inspected on 31 July and 24 November 2014. On both occasions a large volume of rocks had been disposed of, along with a small pile of clay and dirt. The site had recently been levelled and looked good at the time of both inspections.

An inspection was undertaken on 25 May 2015 to confirm that the site met the conditions required to allow surrender of the consent. The area was found to be satisfactory, with the filled area having been levelled and re-grassed.

14.3 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 (IR) 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).

In the 2014-2015 period, the Council was not required to undertake significant additional investigations and interventions, or record incidents, in association with the consent holder's conditions in resource consents or provisions in Regional Plans.

14.4 Discussion

14.4.1 Discussion of site performance

There were no issues noted during inspections and Council received no complaints.

14.4.2 Environmental effects of exercise of consents

No adverse effects were noted during the inspections undertaken during the period under review. Cleanfill operations have been completed at this site and the area has been adequately reinstated.

14.4.3 Evaluation of performance

A tabular summary of the Rowe & Bayliss' compliance record for the year under review is set out in the table below.

Table 31 Summary of performance for V Rowe Family Trust & CG Bayliss Family Trust Partnership's consent 9411-1

Purpose: <i>To discharge cleanfill onto and into land (where contaminants may enter water)</i>		
Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge only to occur in the specified area	Inspections	Yes
2. Only discharge cleanfill and/or inert materials	Inspections	Yes
3. No discharge of materials detailed in the consent	Inspections	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	No approval sought or required	Yes
5. Diversion and management of spring water	Inspections	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	Inspections	Yes
10. Review condition	N/A	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, Rowe & Bayliss demonstrated a high level of environmental performance and a high level of administrative performance with their resource consent as defined in Section 1.1.4.

14.4.4 Recommendation from the 2013-2014 Annual Report

In the 2013-2014 Annual Report, it was recommended:

THAT monitoring of discharges from the Rowe & Bayliss cleanfill in the 2014-2015 period continues at the same level as that of the 2013-2014 period.

This recommendation was implemented.

14.4.5 Alterations to the monitoring programme for 2015-2016

In designing and implementing the monitoring programmes for air and water discharges in the region, the Council has taken into account the extent of information made available by previous authorities, its relevance under the RMA, its obligations to monitor emissions and discharges and their effects under the RMA, and report 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 emitting to the atmosphere and discharging to the environment.

It is proposed that for 2015-2016, this site be removed from the programme.

Monitoring is no longer required at this site as the cleanfill has reached capacity and the site has been levelled and re-grassed for use as pasture. It is not envisioned that there will be any long term effects from the cleanfill which would require ongoing monitoring of the site.

14.5 Recommendation

THAT monitoring of discharges from Rowe & Bayliss cleanfill in the 2015-2016 year be discontinued as cleanfill operations have been completed, and the site is now used as pasture.

15. 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 monitoring of discharges from AA Contracting's cleanfill in the 2015-2016 period continues at the same level as in 2014-2015.
2. THAT monitoring of discharges from the George Family's cleanfill in the 2015-2016 period monitoring continues at the same level as in 2014-2015.
3. THAT monitoring of discharges from Riddick's cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.
4. THAT monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2015-2016 year continues at the same level as in 2014-2015.
5. THAT monitoring of discharges from Dorset Fibre Farm's cleanfill in 2015-2016 year continues at the same level as in 2014-2015.
6. THAT monitoring of discharges from Downer's Veale Road cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.
7. THAT monitoring of discharges from Downer's South Road cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.
8. THAT the June 2016 option for a review of Downer's resource consent 6964-1 for their South Road site, as set out in condition 14 of the consent, not be exercised, on the grounds that the current conditions are adequate to deal with any potential adverse effects.
9. THAT monitoring of discharges from Gas and Plumbing's cleanfill in the 2015-2016 year continues at the same level as in 2014-2015.
10. THAT monitoring of discharges from Graham Harris's cleanfill in the 2015-2016 year be amended from that of 2014-2015, by the inclusion of a provision for water sampling to be undertaken.
11. THAT the monitoring of discharges from Bailey's cleanfill in the 2015-2016 period remain unchanged from that of 2014-2015.
12. THAT monitoring of discharges from the Mini Earth Movers cleanfill in the 2015-2016 year be discontinued, as cleanfill operations are no longer carried out at the site, and the consent has been surrendered.
13. THAT monitoring of discharges from Taranaki Trucking's cleanfill in the 2015-2016 year continues at the same level as in the 2014-2015 period.
14. THAT monitoring of discharges from Rowe & Bayliss cleanfill in the 2015-2016 year be discontinued as cleanfill operations have been completed, and the site is now used as pasture.

Glossary of common terms and abbreviations

The following abbreviations and terms may have been used within this report:

Conductivity g/m ³	An indication of the level of dissolved salts in a sample. Grammes per cubic metre, and equivalent to milligrammes per litre (mg/L). In water, this is also equivalent to parts per million (ppm), but the same does not apply to gaseous mixtures.
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.
mS/m	Millisiemens per metre.
National Bottom Line	80% species protection level: Starts impacting regularly on the 20 % most sensitive species (reduced survival of most sensitive species).

For further information on analytical methods, contact the Council's laboratory

Bibliography and references

Taranaki Regional Council (1998): *E Riddick, J & C Bailey, T Dixon Cleanfills and New Plymouth District Council Urenui Domain Landfill Monitoring Programme Annual Report 1997-98. Technical Report 98-65*

Taranaki Regional Council (1999): *E Riddick, J & C Bailey, T Dixon Cleanfills and New Plymouth District Council Urenui Domain Landfill Monitoring Programme Annual Report 1998-99. Technical Report 99-65*

Taranaki Regional Council (2000): *E Riddick, J & C Bailey, T Dixon, Inframax Construction Limited, AA Contracting, F&J Carrington Cleanfills and New Plymouth District Council Urenui Domain Former Landfill Monitoring Programme Annual Report 1999-00. Technical Report 00-56*

Australian and New Zealand Environment and Conservation Council (2000): *Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000*

Taranaki Regional Council (2001): *E Riddick, J&C Bailey, T Dixon, Inframax Construction Limited, AA Contracting, F&J Carrington Cleanfills and the Urenui Domain Former Landfill Monitoring programme Annual Report 2000-2001. Technical Report 2001-76*

Taranaki Regional Council (2002): *Cleanfill Management in Taranaki*

Taranaki Regional Council (2002): *E Riddick, J&C Bailey, T Dixon, Inframax Construction Limited, AA Contracting, F&J Carrington Cleanfills Monitoring programme Annual Report 2001-2002. Technical Report 2002-77*

Taranaki Regional Council (2003): *E Riddick, J&C Bailey, T Dixon, Inframax Construction Limited, AA Contracting, F&J Carrington Cleanfills Monitoring programme Annual Report 2002-2003. Technical Report 2003-85*

Taranaki Regional Council (2004): *E Riddick, J&C Bailey, Graham Harris [2000] Limited, Inframax Construction Limited, AA Contracting, Works Infrastructure Limited, G Allen Limited, B&L Bishop Cleanfills Monitoring programme Annual Report 2003-2004. Technical Report 2004-113*

Taranaki Regional Council (2005): *Cleanfill Monitoring Programme Annual Report 2004-2005. Technical Report 2005-101*

Taranaki Regional Council (2007): *Cleanfill Monitoring Programme Annual Report 2005-2007. Technical Report 2006-75*

Taranaki Regional Council (2008): *Cleanfill Monitoring Programme Annual Report 2007-2008*.
Technical Report 2008-79

Taranaki Regional Council (2010): *Cleanfill Monitoring Programme Annual Report 2008-2009*.
Technical Report 2009-89

Taranaki Regional Council (2010): *Cleanfill Monitoring Programme Annual Report 2009-2010*.
Technical Report 2010-28

Taranaki Regional Council (2012): *Cleanfill Monitoring Programme Annual Report 2010-2011*.
Technical Report 2011-43

Taranaki Regional Council (2013): *Cleanfill Monitoring Programme Annual Report 2011-2012*.
Technical Report 2012-16

Taranaki Regional Council (2014): *Cleanfill Monitoring Programme Annual Report 2011-2012*.
Technical Report 2013-27

Taranaki Regional Council (2014): *Cleanfill Monitoring Programme Annual Report 2013-2014*.
Technical Report 2014-43

Appendix I

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

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.

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

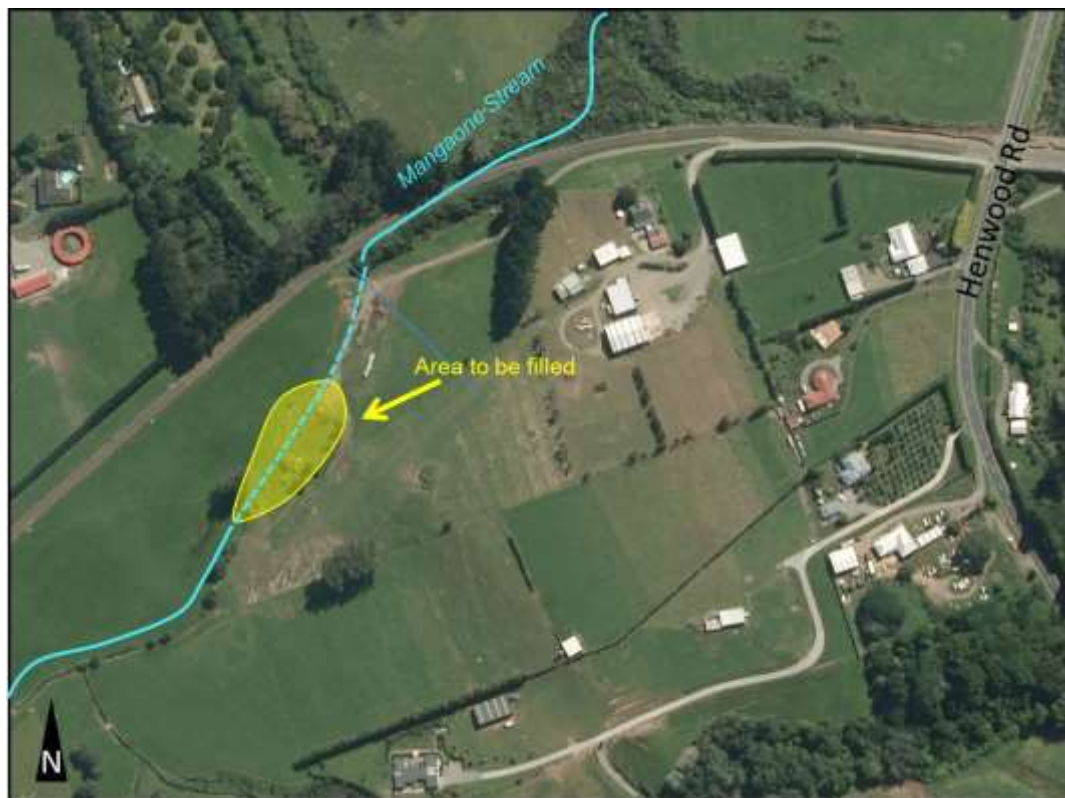


Figure 2 Area where the discharge of cleanfill is permitted.

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)
46 Kelly Street
INGLEWOOD 4330

Decision Date: 13 September 2013

Commencement Date: 13 September 2013

Conditions of Consent

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 1 June 2027

Review Date(s): June 2015, June 2021

Site Location: Lower Dudley Road, Inglewood

Legal Description: Lot 2 DP 439845 (Discharge site)

Grid Reference (NZTM) 1704659E-5664445N

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 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. 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.
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.

Consent 9680-1

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 13 September 2013

For and on behalf of
Taranaki Regional Council

Director-Resource Management

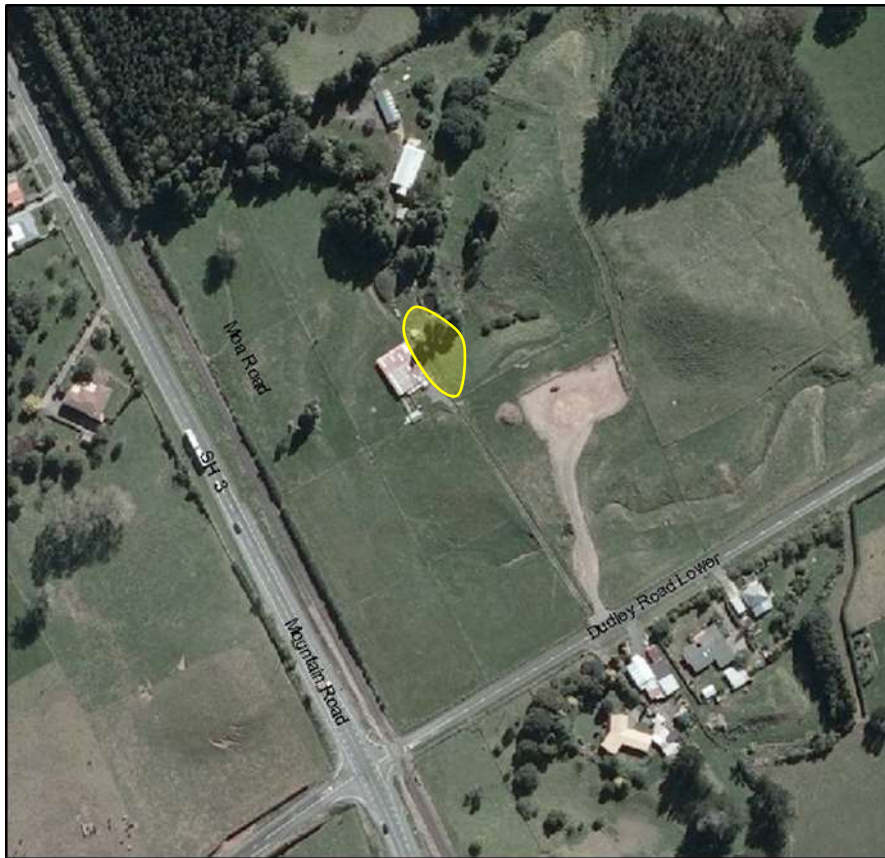


Figure 1 Plan showing area permitted to be filled

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

Name of
Consent Holder: 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.

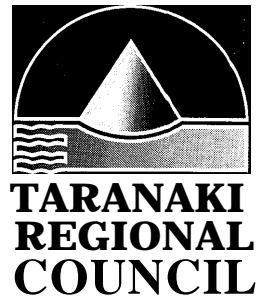
Signed at Stratford on 15 December 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Appendix 1
Area where the discharge of cleanfill is permitted





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

PRIVATE BAG 713
47 CLOTON ROAD
STRATFORD
NEWZEALAND
PHONE 0-6-765 7127
FAX 0-6-765 5097

Name of
Consent Holder: BJ & LB Bishop
132 Ahuahu Road
RD 4
NEW PLYMOUTH

Consent Granted
Date: 10 October 2001

Conditions of Consent

Consent Granted: To erect, place and maintain a culvert in the headwaters of an unnamed tributary of the Waimoku Stream for clean-filling activities at or about GR: P19:906-291

Expiry Date: 1 June 2019

Review Date(s): June 2007, June 2013

Site Location: 132 Ahuahu Road, Oakura

Legal Description: Secs 10 & 21 DP 596 Oakura Dist Lot 2 DP 9454 Blk I
Wairau SD

Catchment: Waimoku

Consent 5888-I

General conditions


- a) That on receipt of a requirement from the Chief Executive, Taranaki Regional Council (hereinafter the Chief Executive), the consent holder shall, within the time specified in the requirement, supply the information required relating to the exercise of this consent.
- b) That 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) That 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 notify the Taranaki Regional Council in writing at least 48 hours prior to and upon completion of any subsequent maintenance works which would involve disturbance of or deposition to the riverbed or discharges to water.
- 2. The construction of the structure[s] authorised by this consent shall be undertaken generally in accordance with the documentation submitted in support of the application and shall be maintained to ensure the conditions of this consent are met.
- 3. The consent holder shall adopt the best practicable option [as defined in section 2 of the Resource Management Act 1991] to avoid or minimise the discharge of silt or other contaminants into water or onto the streambed and to avoid or minimise the disturbance of the streambed and any adverse effects on water quality.
- 4. 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.
- 5. 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.
- 6. 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 2007, and/or June 2013, 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 10 October 2001

For and on behalf of
Taranaki Regional Council



Chief Executive

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.

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

Name of
Consent Holder: Dorset Fibre Farm
(John Frederick & Ingrid Pieternella Stanway)
180 Dorset Road
R D 2
NEW PLYMOUTH 4372

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 an unnamed tributary of the
Manganaha Stream, 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.

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.

Signed at Stratford on 6 May 2013

For and on behalf of
Taranaki Regional Council

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

Conditions of Consent

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 1 June 2022

Review Date(s): June 2016

Site Location: 461A & 421 South Road, Hawera

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

Grid Reference (NZTM) 1713092E-5615228N

Catchment: Tangahoe

Tributary: Tawhiti

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

General conditions

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

Special conditions

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

Consent 6964-1

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

Signed at Stratford on 19 July 2013

For and on behalf of
Taranaki Regional Council

Director-Resource Management

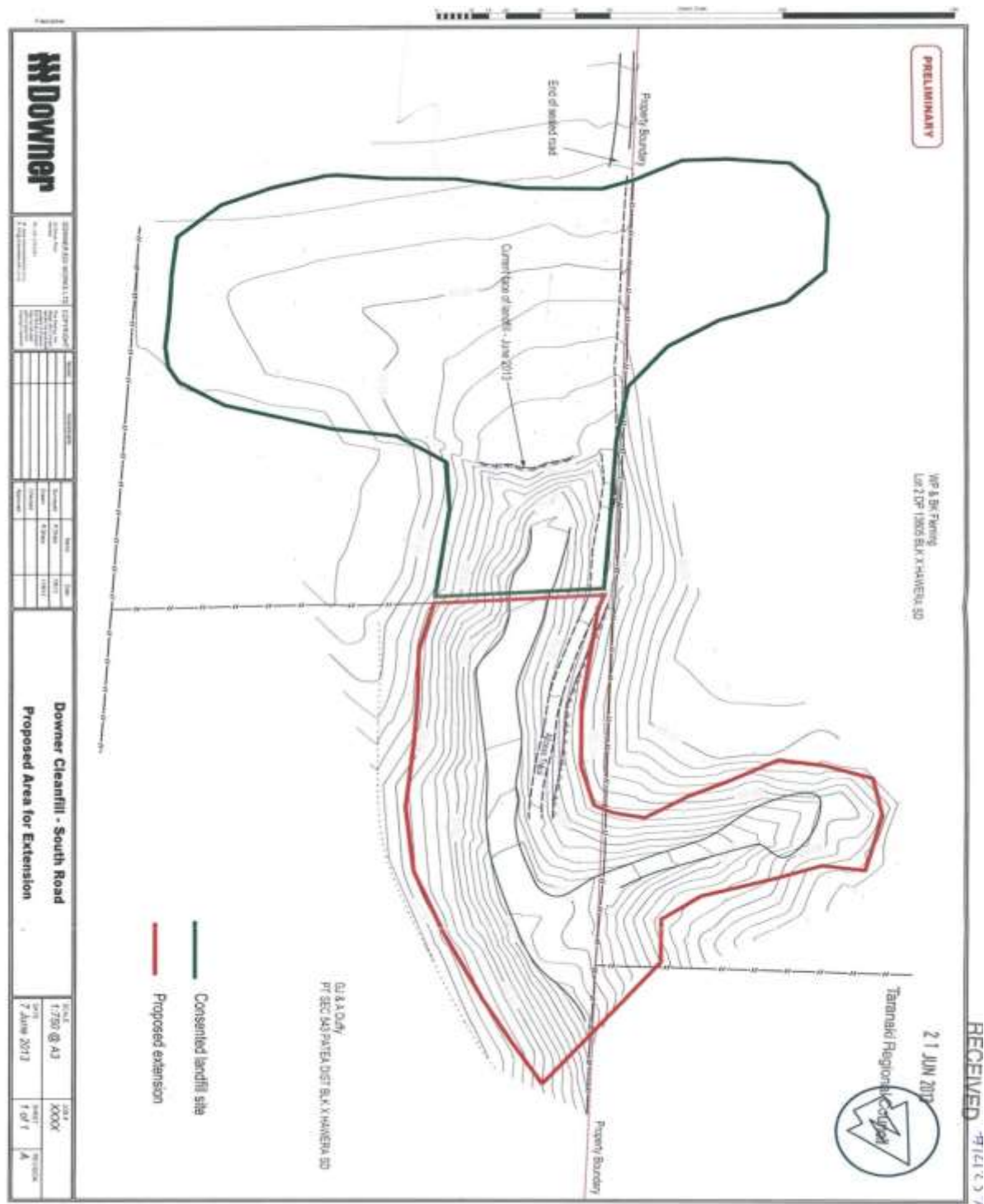


Figure 1 Plan of area permitted to be filled

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

Name of
Consent Holder: Earthworks Earthmoving Ltd
Shane & Cheryl Adamson
37C Shelter Grove
NEW PLYMOUTH

Consent Granted
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 2606800E-6238350N

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 3

*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.

Signed at Stratford on 12 October 2007

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: Graham Harris (2000) Limited
 380 Junction Road
 R D 1
 NEW PLYMOUTH

Review Completed 27 August 2008 [Granted: 14 December 2005]
Date:

Conditions of Consent

Consent Granted: To discharge cleanfill onto and into land at or about
 (NZTM) 1698786E-5675339N

Expiry Date: 1 June 2020

Review Date(s): June 2014

Site Location: 341 Egmont Road, Hillsborough, New Plymouth

Legal Description: Lot 1 DP 381906 Blk VI Paritutu SD

Catchment: Waiwhakaiho

Tributary: Mangaone
 Mangaemiemi

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

Conditions 1 – 2 [unchanged]

- 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 undertaken generally in accordance with the documentation submitted in support of application 4049. In the case of any contradiction between the documentation submitted in support of application 4049 and the conditions of this consent, the conditions of this consent shall prevail.

Conditions 3 to 4 [changed]

- 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 conditions 4 & 6) 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.

Consent 6771-1

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.

Condition 5 [unchanged]

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.

Condition 6 [changed]

6. The discharge to land shall not result in any contaminant entering surface water or groundwater.

Conditions 7 to 13 [unchanged]

7. Silt retention structures shall be installed and maintained to the satisfaction of the Chief Executive, Taranaki Regional Council.
8. 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.
9. The consent holder shall contour the site to the satisfaction of the Chief Executive, Taranaki Regional Council.
10. No cleanfill material or waste shall be burned on the site.
11. The consent holder shall provide information to the Taranaki Regional Council regarding the quantity and type of material discharged to the site on an annual frequency to the satisfaction of the Chief Executive, Taranaki Regional Council.
12. 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.

Consent 6771-1

13. 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 2014, 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 27 August 2008

For and on behalf of
Taranaki Regional Council

Chief Executive



CHIEF EXECUTIVE
PRIVATE BAG 713
47 CLOTON ROAD
STRATFORD
NEW ZEALAND
PHONE 06-765 7127
FAX 06-765 5097

Please quote our file number
on all correspondence

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:	J W & C T Bailey Limited 33 Saxton Road R D 1 NEW PLYMOUTH	New Address: PO Box 3331 New Plymouth 4341
Consent Granted Date:	8 December 2003	

Conditions of Consent

Consent Granted:	To culvert an unnamed tributary of the Te Henui Stream for land improvement purposes associated with cleanfill activity at or about GR: P19:045-352
Expiry Date:	1 June 2020
Review Date(s):	June 2008, June 2014
Site Location:	Saxton Road, New Plymouth
Legal Description:	Sec 28S Huatoki Sett Grey Dist Blk V Paritutu SD
Catchment:	Te Henui

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

www.trc.govt.nz

Consent 5824-2

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 consent holder shall notify the Taranaki Regional Council in writing at least 48 hours prior to the commencement and upon completion of the initial construction 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 riverbed or discharges to water.
- 3. The consent holder shall maintain stormwater drains and/or ground contours at the site, to the satisfaction of the Chief Executive, Taranaki Regional Council, in order to minimise stormwater movement across, or ponding on the site.
- 4. The consent holder shall maintain the culvert to the satisfaction of the Chief Executive, Taranaki Regional Council.
- 5. Silt retention structures shall be installed to the satisfaction of the Chief Executive, Taranaki Regional Council.
- 6. The consent holder shall ensure that the area and volume of the streambed disturbance shall, so far as is practicable, be minimised and any areas which are disturbed shall, so far as is practical, be reinstated.
- 7. 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. The structures authorised by this consent shall be removed and the area reinstated if and when the structures are no longer required. The consent holder shall notify the Taranaki Regional Council at least 48 hours prior to structures removal and reinstatement.

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 2008 and/or June 2014, 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 December 2003

For and on behalf of
Taranaki Regional Council



Director-Resource Management



CHIEF EXECUTIVE
PRIVATE BAG 713
47 CLOTEN ROAD
STRATFORD
NEW ZEALAND
PHONE 06-765 7127
FAX 06-765 5097

Please quote our file number
on all correspondence

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

Name of
Consent Holder: J W & C T Bailey Limited
33 Saxton Road
R D 1
NEW PLYMOUTH
New Address:
PO Box 3331
New Plymouth 4341

Consent Granted
Date: 8 December 2003

Conditions of Consent

Consent Granted: To discharge up to 130 cubic metres/day [1.5 litres/second]
of leachate from a former cleanfill into an unnamed
tributary of the Te Henui Stream at or about GR: P19:045-
352

Expiry Date: 1 June 2020

Review Date(s): June 2008, June 2014

Site Location: Saxton Road, New Plymouth

Legal Description: Sec 28S Huatoki Sett Grey Dist Blk V Paritutu SD

Catchment: Te Henui

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 maintain stormwater drains and/or ground contours at the site, to the satisfaction of the Chief Executive, Taranaki Regional Council, in order to minimise stormwater movement across, or ponding on the site.
- 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 actual or likely adverse effect on the environment associated with the discharges of leachate from the site.
- 3. After allowing for reasonable mixing within a mixing zone extending 15 metres downstream of the confluence of the unnamed tributary with the Te Henui Stream, the discharge shall not give rise to any of the following effects in the receiving waters of the Te Henui Stream:
 - a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
 - b) any conspicuous change in 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.
- 4. 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.
- 5. 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 2014, 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 December 2003

For and on behalf of
Taranaki Regional Council



Director-Resource Management

SURRENDERED
11-12-2014



CHIEF EXECUTIVE
PRIVATE BAG 713
47 CLOTEN ROAD
STRATFORD
NEW ZEALAND
PHONE 06-765 7127
FAX 06-765 5097

Please quote our file number
on all correspondence

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

Name of
Consent Holder: J W & C T Bailey Limited
33 Saxton Road
R D 1
NEW PLYMOUTH
New Address:
PO Box 3331
New Plymouth 4341

Consent Granted
Date: 8 December 2003

Conditions of Consent

Consent Granted: To discharge emissions to air associated with cleanfill
activity for land improvement purposes at or about GR:
P19:043-351

Expiry Date: 1 June 2020

Review Date(s): June 2008, June 2014

Site Location: Saxton Road, New Plymouth

Legal Description: Sec 28S Huatoki Sett Grey Dist Blk V Paritutu SD

Catchment: Te Henui

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 exercise of this consent shall not result in any offensive or objectionable odour or dust, or in noxious or dangerous levels of gases, at or beyond the boundary of the property, in the opinion of at least one enforcement officer of the Taranaki Regional Council.
- 3. No burning on site in association with cleanfill activities.
- 4. 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.
- 5. The consent holder shall maintain the management plan for the site and associated activities on the site, to the satisfaction of the Chief Executive, Taranaki Regional Council. The management plan will be subject to review by either the consent authority, or the consent holder, with a minimum of one month's notice in writing. If there is any conflict between the management plan and the conditions of this consent then the conditions of consent shall apply.
- 6. 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 2014, 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 December 2003

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: JW & CT Bailey Ltd
33 Saxton Road
R D 1
NEW PLYMOUTH

Review Completed 28 August 2008 [Granted: 8 December 2003]
Date:

Conditions of Consent

Consent Granted: To discharge cleanfill onto and into land for land
improvement purposes at or about (NZTM) 1694216E-
5673348N

Expiry Date: 1 June 2020

Review Date(s): June 2014

Site Location: Saxton Road, New Plymouth

Legal Description: Sec 28S Huatoki Sett Grey Dist Blk V Paritutu SD

Catchment: Te Henui

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

Conditions 1 to 3 [changed]

1. The exercise of this consent shall be undertaken in accordance with the documentation submitted in support of application 2697, but subject to the conditions of this consent. In the case of any contradiction between the documentation submitted in support of application 2697 and the conditions of this consent, the conditions of this consent shall prevail.
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 conditions 3 & 5) 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.

Condition 4 [unchanged]

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.

Condition 5 [changed]

5. The discharge to land shall not result in any contaminant entering surface water or groundwater.

Conditions 6 to 9 [unchanged]

6. Silt retention structures shall be installed to the satisfaction of the Chief Executive, Taranaki Regional Council.
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 2008, and/or June 2014, 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 28 August 2008

For and on behalf of
Taranaki Regional Council

Chief Executive

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

Name of
Consent Holder: Mini Earth Movers
271 Henwood Road
RD 2
New Plymouth 4372

Decision Date: 24 June 2014

Commencement Date: 24 June 2014

Conditions of Consent

Consent Granted: To discharge cleanfill onto and into land

Expiry Date: 01 June 2032

Review Date(s): June 2020 and June 2026

Site Location: 271 Henwood Road, Bell Block

Legal Description: Lot 2 DP 412693

Grid Reference (NZTM) 1699701E-5676352N

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 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.

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 24 June 2014

For and on behalf of
Taranaki Regional Council

A D McLay
Director - Resource Management

Appendix 1



Figure 1 Area where the discharge of cleanfill is permitted.



CHIEF EXECUTIVE
PRIVATE BAG 713
47 CLOTEN ROAD
STRATFORD
NEW ZEALAND
PHONE 06-765 7127
FAX 06-765 5097

Please quote our file number
on all correspondence

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

New Address:

P O Box 65
Stratford 4352

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

CHIEF EXECUTIVE
PRIVATE BAG 713
47 CLOTEN ROAD
STRATFORD
NEW ZEALAND
PHONE 06-765 7127
FAX 06-765 5097

Please quote our file number
on all correspondence

Name of Consent Holder:	Taranaki Trucking Company Limited Cardiff Road R D 21 STRATFORD	New Address: P O Box 65 Stratford 4352
----------------------------	--	--

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: V Rowe Family Trust & CG Bayliss Family Trust Partnership
(Trustees: Vance Peter Rowe & Catherine Grace Bayliss)
290A Manutahi Road
R D 2
NEW PLYMOUTH 4372

Decision Date: 19 December 2012

Commencement
Date: 19 December 2012

Conditions of Consent

Consent Granted: To discharge cleanfill onto and into land (where contaminants may enter water) at or about (NZTM) 1702429E-5674854N

Expiry Date: 1 June 2032

Review Date(s): June 2020, June 2026

Site Location: 290A Manutahi Road, New Plymouth

Legal Description: Lot 3 DP 333956 (Discharge site)

Catchment: Waiongana

Tributary: Mangaoraka
Awai

*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.
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. In regard to any springs found in the fill area the consent holder shall:
 - a) prevent contact between the spring water and any discharged biodegradable materials allowed in condition 2 (plastics, timber, trees stumps and tree roots) and;
 - b) provide a flow path for the spring water to exit the fill area.
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 9411-1

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 2017, 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 19 December 2012

For and on behalf of
Taranaki Regional Council

Director-Resource Management



Area authorised for filling