

Regional Cleanfill  
Monitoring Programme  
Annual Report  
2012-2013

Technical Report 2013-27

ISSN: 0114-8184 (Print)  
ISSN: 1178-1467 (Online)  
Document: 1178914 (Word)  
Document: 1231119 (Pdf)

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September 2013



## **Executive summary**

The Taranaki Regional Council has implemented a co-ordinated monitoring programme for a number of cleanfill operators within the Taranaki region. Specifically this programme covers cleanfills operated by EE Riddick, JW & TC Bailey, Graham Harris (2000) Ltd, Inframax Construction, AA Contractors, Downer EDI (x2), BJ & LB Bishop, Taranaki Trucking Company Ltd, Earthworks Earthmoving Ltd, Gilray Partnership, M Collis, and V Rowe Family Trust in conjunction with CG Bayliss Family Trust.

Within this monitoring programme, the 12 consented cleanfill operations hold a total of 20 resource consents, which include special conditions setting out the requirements that the cleanfill operators must satisfy.

This report for the period July 2012 to June 2013 describes the monitoring programme implemented by the Taranaki Regional 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.

Of the 19 consents dealt with in this report, there is one consent to discharge leachate/stormwater, one to discharge emissions into the air, four consents relating to culverts, and 12 consents to discharge cleanfill onto and into land.

The Council's monitoring programme consisted of a total of 32 inspections, with each site receiving between one and three inspections. Council also took 16 water samples for analysis during the period.

During the period under review AA Contracting, J & C Bailey, Downer EDI (Veale Rd site), Inframax Construction Ltd, E Riddick, Taranaki Trucking Company Ltd, Gas and Plumbing Ltd, Gilray Partnerships, M Collis and V Rowe Family Trust and CG Bayliss Family Trust demonstrated a high level of environmental performance and compliance with their resource consents (i.e. 10 out of 12 cleanfills had a high level of performance). Earthworks Earthmoving Ltd also demonstrated a high level of environmental performance and compliance whilst they were the holder of consent 7615 (now held by Gas and Plumbing).

A good level of environmental performance and compliance with consent conditions was shown by, BJ and L Bishop, Graham Harris (2000) Ltd and Downer EDI (South Rd site). Whilst some noncompliant materials were found at these sites no effects were noted and the problems were rectified.

No adverse environmental effects were observed in the receiving waters that were associated with the discharges from any of the 10 other cleanfills covered by this report.

No incidents were logged in in the 2012-2013 period in regards to any of the cleanfills covered by this report.

This report includes recommendations for the 2013-2014 monitoring period.



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# **1. Introduction**

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

This report is the Annual Report for the period July 2012-June 2013 by the Taranaki Regional 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, 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) 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 Taranaki Regional 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 tenth combined report by the Taranaki Regional Council for cleanfills in the region.

## **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 Resource Management Act 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 2013-2014 year.

Section 15 summarises the recommendations to be implemented in the 2013-2014 monitoring year.

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

### **1.1.1. The Resource Management Act (1991) and monitoring**

The Resource Management Act 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 (e.g., 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 Taranaki Regional Council is recognising the comprehensive meaning of 'effects' inasmuch as is appropriate for each discharge source. Monitoring programmes are not only based on existing permit conditions, but also on the obligations of the Resource Management Act to assess the effects of the exercise of consents. In accordance with section 35 of the Resource Management Act 1991, the Council undertakes compliance monitoring for consents and rules in regional plans; and maintains an overview of performance of resource users against regional plans and consents. Compliance monitoring, including impact monitoring, also enables the Council to continuously assess its own performance in resource management as well as that of resource users particularly consent holders. It further enables the Council to continually re-evaluate its approach and that of consent holders to resource management, and, ultimately, through the refinement of methods, to move closer to achieving sustainable development of the region's resources.

### 1.2.1 Evaluation of environmental performance

Besides discussing the various details of the performance and extent of compliance by cleanfill operators during the period under review, this report also assigns an overall rating. The categories used by the Council, and their interpretation, are as follows:

- a **high** level of environmental performance and compliance indicates that essentially there were no adverse environmental effects to be concerned about, and no, or inconsequential (such as data supplied after a deadline) non-compliance with conditions.
- a **good** level of environmental performance and compliance indicates that adverse environmental effects of activities during the monitoring period were negligible or minor at most, or, 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, or, there were perhaps some items noted on inspection notices for attention but these items were not urgent nor critical, and follow-up inspections showed they have been dealt with, and inconsequential non compliances with conditions were resolved positively, co-operatively, and quickly.
- **improvement desirable** indicates that the Council may have been obliged to record a verified unauthorised incident involving measurable environmental impacts, or, there were measurable environmental effects arising from activities and intervention by Council staff was required, and there were matters that

required urgent intervention, took some time to resolve, or remained unresolved at end of the period under review, and/or abatement notices may have been issued.

- **poor performance** indicates that the Council may have been obliged to record a verified unauthorised incident involving significant environmental impacts, or, there were adverse environmental effects arising from activities and there were grounds for prosecution or an infringement notice.

## **1.3 Process description**

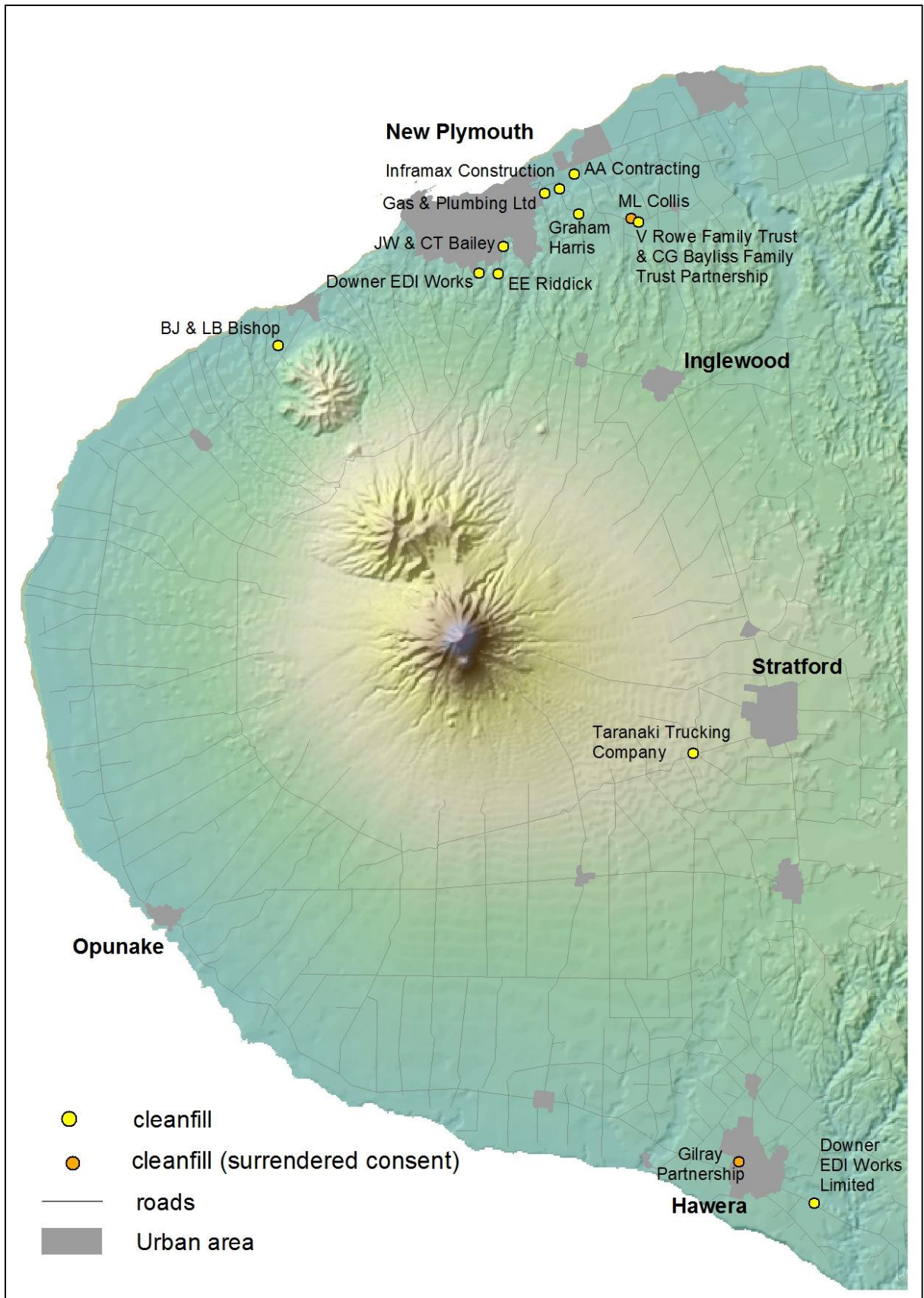
### **1.3.1 Cleanfill material**

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, grass clippings, garden wastes, 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.

### **1.3.2 Cleanfill**

A cleanfill 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 this type of works. Cleanfilling is also extensively used for the reinstatement of quarries. In the Taranaki region there are currently 25 consented cleanfills, 13 of which are covered in this report under the combined cleanfill monitoring programme. The other twelve cleanfills are reported on separately.



**Figure 1**

Regional map showing the locations of cleanfills in the 2012-2013 period that are covered by the combined regional monitoring programme



## 1.4 Resource consents

### 1.4.1 Summary of resource consents

Table 1 details consent holders, resource consents, and review dates for cleanfills monitored for the 2012-2013 period. Full copies of the consents are also attached to the appendices.

**Table 1** Cleanfill consent details for the 2012-2013 period

Consent holder	Consent number	Consent type	Next review	Site location	Catchment
AA Contracting	5179-1	culvert	-	Henwood Road, New Plymouth	Mangaone
	5180-1	cleanfill	-		
BJ & LB Bishop	5877-1	cleanfill	-	Ahu Ahu Road, Okato	Waimoku
	5888-1	culvert	2013		
Downer EDI	5213-1	cleanfill	-	Veale Road, New	Huatoki
	6964-1	cleanfill	-	South Road,	Tangahoe
EE Riddick	3977-3	cleanfill	-	Carrington Road, New Plymouth	Huatoki
Gas and Plumbing	7165-1	cleanfill	2014	Colson Rd, New Plymouth	Waiwhakaiho
Graham Harris	6771-1	cleanfill	2014	341 Egmont Road, New	Mangaemiemi
Gilray Partnership	7289-1 (surrendered)	cleanfill	2014	Burnside Ave, Hawera	Waihi
Inframax Construction	5187-1	cleanfill	-	Egmont Road, New Plymouth	Mangaone
JW & TC Bailey	4999-3	leachate	2014	Saxton Road, New Plymouth	Te Henui
	5824-2	culvert	2014		
	5825-2	cleanfill	2014		
	5826-2	air	2014		
M L Collis	7617-1 (surrendered)	cleanfill	-	Manutahi Rd, Bell Block	Waiongana
V Rowe Family Trust & CG Bayliss Family Trust Partnership	9411-1	cleanfill	2020	Manutahi Rd, Bell Block	Waiongana
Taranaki Trucking Company Limited	5561-1	cleanfill	-	Cardiff Road, Stratford	Waingongoro
	6280-1	culvert	-		

### 1.4.2 Land use permits

Section 13(1)(a) of the Resource Management Act 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 are held by the cleanfill operators covered by this report. These are held by JW & TC Bailey, AA Contracting, BJ & LB Bishop, and Taranaki Trucking Ltd. All of these consents are for the installation and maintenance of culverts 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

Copies of these consents are appended to this report.

#### **1.4.3 Water discharge permit**

Section 15(1)(a) of the Resource Management Act 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, held by JW & TC Bailey. The consent covers the discharge of leachate from a cleanfill and contains conditions that:

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

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

#### **1.4.4 Air discharge permit**

Section 15(1)(c) of the Resource Management Act 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, held by JW & TC Bailey. The consent covers emissions to air from clean filling 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.

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

#### **1.4.5 Discharges of wastes to land**

Sections 15(1)(b) and (d) of the Resource Management Act 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 Contractors, BJ & LB Bishop, Downer EDI (x2), EE Riddick, Gas and Plumbing Ltd, Graham Harris (2000) Ltd, Gilray Partnership, V Rowe Family Trust and CG Bayliss Family Trust, Inframax Construction, JW & TC Bailey, M Collis and Taranaki Trucking Company Ltd. 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.

## **1.5 Monitoring programme**

### **1.5.1 Introduction**

Section 35 of the Resource Management Act sets out an obligation for the Taranaki Regional Council to gather information, monitor, and conduct research on the exercise of resource consents, and the effects arising, within the Taranaki region.

The Taranaki Regional 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 cleanfill sites consisted of three primary components.

### **1.5.2 Programme liaison and management**

There is generally a significant investment of time and resources by the Taranaki Regional Council in on-going liaison with resource consent holders over consent conditions and their interpretation and application, in discussion over monitoring requirements, preparation for any reviews, renewals, or new consents, advice on the Council's environmental management strategies and the content of regional plans, and consultation on associated matters.

### **1.5.3 Site inspections**

Thirty two site inspections were carried out during the 2012-2013 period and a summary of cleanfill site inspections for the monitoring period is shown in Table 2.

With regard to potential impacts the main points of interest were the nature and management of wastes with potential or actual discharges to receiving watercourses, and the management of stormwater and leachate.

Air inspections focused on site processes with associated actual and potential emission sources and characteristics, including potential odour, dust, noxious or offensive emissions.

#### 1.5.4 Chemical sampling

The Taranaki Regional Council undertook sampling where possible and appropriate, of discharges from cleanfill sites and the receiving environment. During the monitoring period Council took 16 water samples for chemical analysis.

A summary table of sampling and inspections at the cleanfill sites during 2012-2013 is shown in Table 2.

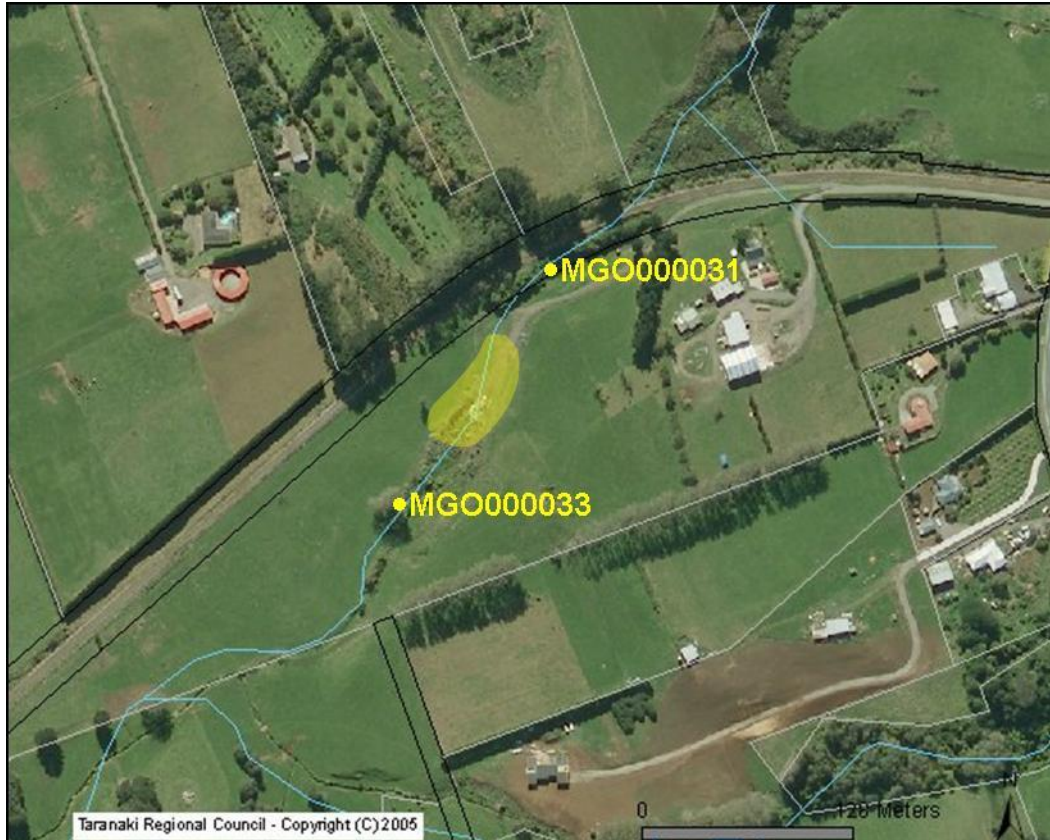
**Table 2** Number of samples taken and inspections conducted at each site

Site	Inspections	Water samples
AA Contracting	3	2
BJ & LB Bishop	3	1
Downer EDI (South Rd)	2	1
Downer EDI (Veale Rd)	3	2
EE Riddick	3	1
Earthworks Earthmoving	3	1
Graham Harris	4	0
Gilray Partnership	1	0
Inframax Construction	1	2
JW & TC Bailey	3	4
M Collis	3	1
Taranaki Trucking Company Ltd	2	1
V Rowe Family Trust and CG Bayliss Family Trust	1	0
<b>Total</b>	<b>32</b>	<b>16</b>

## 2. AA Contracting Limited – Henwood Road

### 2.1 Site description and activities

AA Contracting holds resource consent 5180-1 to discharge cleanfill and 5179-1 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. There is a lockable gate at the entrance to the site.



**Figure 2** AA Contracting Limited's cleanfill, Henwood Road, Bell Block, New Plymouth

## 2.2 Results

### 2.2.1 Inspections

The AA Contracting cleanfill was inspected on three occasions during the period under review. Below are summaries of the findings of those inspections.

#### 31 July 2012

The gates were locked at the time of the inspection and not much material had been discharged since the last visit. The site had been leveled and was tidy. The site was found to be complying with consent conditions at the time of inspection.

#### 21 January 2013

Not much material had been discharged since the last visit. Materials discharged consisted of broken concrete, soil, clay and a pile of stumps. The site was tidy and no dust, odour or ponding issues were noted. Two samples were collected up and downstream of the site.

### 18 April 2013

The gates were locked at the time of the inspection. Not much material had been added since the last inspection. Materials discharged since the last inspection consisted mainly of soil, clay and cured bitumen. A large pile of stumps and logs had been put to one side.

## 2.2.2 Results of receiving environment monitoring

Routine water quality sampling was undertaken on one occasion and the results are presented in Table 3. 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	21 Jan 2013	
		MGO000031 (u/s of cleanfill)	MGO000033 (d/s of cleanfill)
Conductivity	mS/m	20.0	17.8
Unionised ammonia	g/m <sup>3</sup> -N	0.00016	0.00013
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.114	0.037
pH	pH	6.6	7.0
Temperature	°C	16.0	15.9

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/m<sup>3</sup> guideline value given in the Regional Fresh Water Plan of Taranaki (RFWP) and would pose no threat to aquatic ecosystems.

## 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to record incidents or undertake significant additional investigations and interventions in association with non compliance by AA Contracting Ltd with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

## 2.4 Discussion

### 2.4.1 Discussion of site performance

The site was found to be well managed during the monitoring period and site management or performance issues were noted during inspections.

### 2.4.2 Environmental effects of exercise of consents

The results of water sample analysis indicate that the site is not having an adverse effect on the receiving waters.

### 2.4.3 Evaluation of performance

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

**Table 4** Summary of performance for consent 5179-1 to culvert an unnamed tributary to the Mangaemiemi Stream

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent holder shall adopt the best practicable option	Site specific monitoring programme – programme management	Yes
2. Comply with information submitted in support of application	Site specific monitoring programme – programme management	Yes
3. Notification of the commencement and completion of the project, and of any maintenance which may disturb the stream bed	N/A	N/A
4. Minimise disturbance to the stream bed	N/A	N/A
5. The invert of the culvert shall match the riverbed	Site specific monitoring programme – programme management	Yes
6. The culvert shall not obstruct the passage of fish	Site specific monitoring programme - inspection	Yes
7. The culvert shall not cause erosion to the river channel	Site specific monitoring programme – programme management	Yes
8. The culvert will only be installed at a certain time of the year	N/A	N/A
9. The culvert shall not cause pollution after reasonable mixing	Site specific monitoring programme – inspection and water sampling	Yes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
10. Consent holder shall install and maintain a sediment control plan	Site specific monitoring programme – programme management	Yes
11. Remove the structures and reinstate the area when the structures are no longer needed	N/A	N/A
12. Lapse of consent if not exercised	N/A	N/A
13. Optional review provision re environmental effects	N/A-	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

**Table 5** Summary of performance for consent 5180-1 to discharge cleanfill onto land for land improvement

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent exercised in accordance with application	Site specific monitoring programme – inspections	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Yes
3. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
5. No contaminants to enter ground or surface water	Site specific monitoring programme – sampling	Yes
6. Provide and maintain sediment and erosion plan	Site specific monitoring programme – programme management	Yes
7. Adopt best practice	Site specific monitoring programme - inspection	Yes
8. Upon completion the discharge site shall be stabilised and re-vegetated	Site specific monitoring programme - inspection	Yes
9. Review condition	N/A	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

During the reporting period, AA Contracting Limited demonstrated a high level of environmental performance and compliance with the resource consents. During the period under review there were no complaints about the site and no adverse effects were noted during inspections.



#### **2.4.4 Recommendation from the 2011-2012 Annual Report**

In the 2011-2012 Annual Report, it was recommended:

THAT monitoring of discharges from AA Contracting Limited's cleanfill in the 2012-2013 year continue at the same level as was undertaken in the 2011-2012 period

This recommendation was fully implemented.

#### **2.4.5 Alteration to the monitoring programme for 2013-2014**

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-2013 period.

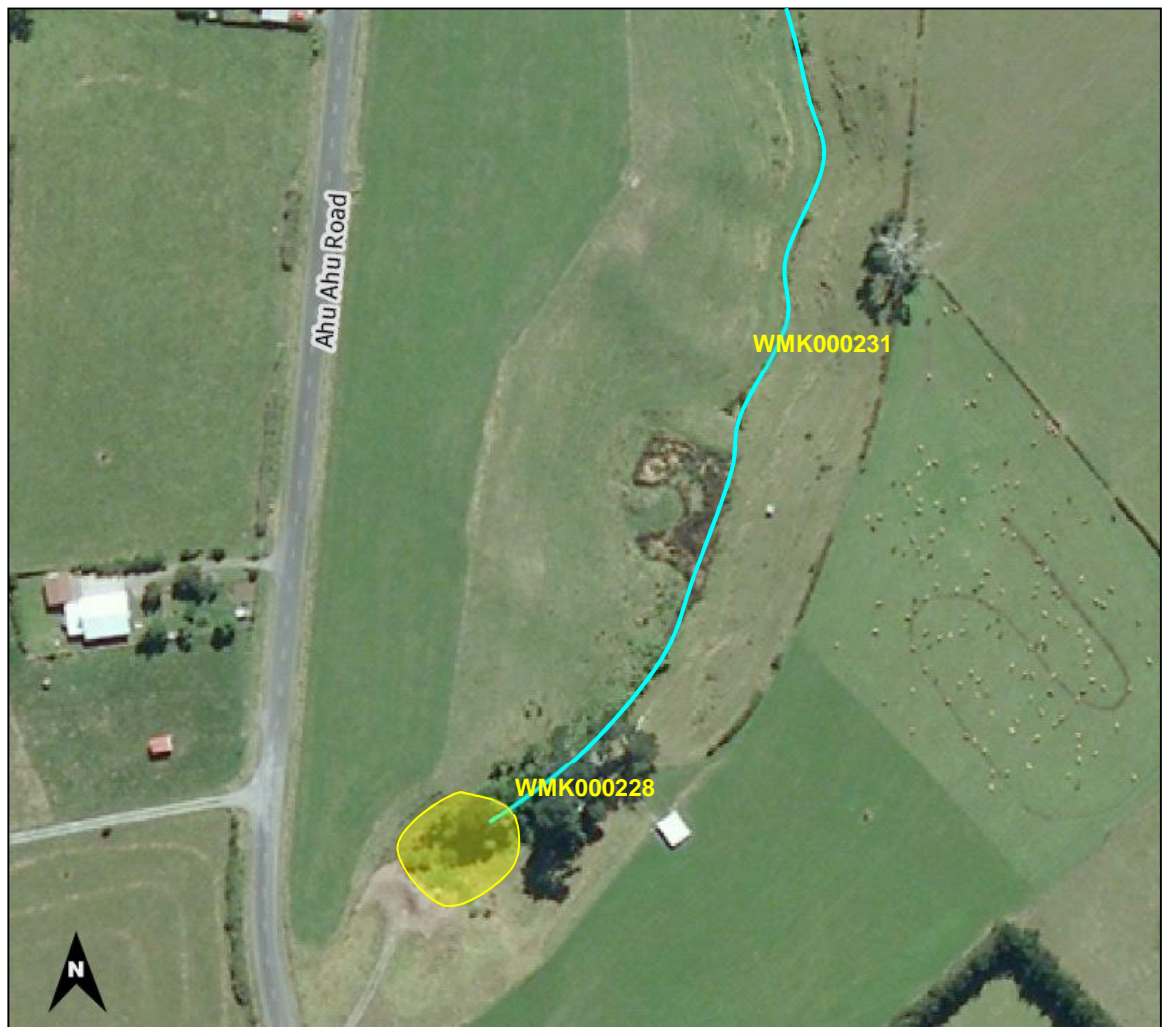
### **2.5 Recommendation**

THAT monitoring of discharges from AA Contracting Limited's cleanfill in the 2013-2014 year continue at the same level as that undertaken in the 2012-2013 period.

### 3. BJ and LB Bishop – Ahu Ahu Road

BJ and L 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 Rd 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 3.



**Figure 3** Bishop's cleanfill and downstream sampling sites, Ahu Ahu Road, Oakura

## 3.1 Results

### 3.1.1 Inspections

The BJ and LB Bishop cleanfill was inspected on three occasions during the period under review. Below are summaries of the findings of those inspections.

**13 July 2012**

The gates were open at the time of the inspection. A truck discharging soil had just left the site. Materials added since the last inspection included soil, clay, and broken concrete. There were no ponding or dust issues noted. The site was tidy and complying with consent conditions at the time of the inspection.

**28 January 2013**

The gates were shut at the time of the inspection. The site appeared tidy and organised. Materials discharged consisted of clay, soil and cured bitumen. A downstream water sample was taken. The culvert pipe at tip face would have needed to be extended before any more materials were pushed over edge.

**17 June 2013**

The gate was open at the time of the inspection and a low loader was on site. A significant amount of material had been discharged since the last inspection consisting of clay, dirt, concrete, cured bitumen. A small amount of tanalised timber was present. Overall the site looked clean and tidy.

The following action was to be taken:

Remove small amount of tanalised timber.

**3.1.2 Results of receiving environment monitoring**

One water sample was taken downstream of the cleanfill in the unnamed tributary of the Waimoku Stream and the results are given in Table 6 below.

**Table 6** Results of water sample taken from B & L Bishop's cleanfill

Parameter	Units	21 Jan 2013
		WMK000228 5 m d/s of cleanfill face
Conductivity	mS/m	14.7
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.087
Unionised ammonia	g/m <sup>3</sup> -N	0.00026
pH	pH	6.8
Temperature	Deg C	20.0

The pH, conductivity, and ammoniacal nitrogen concentrations measured in the tributary 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/m<sup>3</sup> guideline value given in the Regional Fresh Water Plan of Taranaki (RFPW) and would pose no threat to aquatic ecosystems.

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

## **3.2 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by BJ and LB Bishop with conditions in resource consents or provisions in Regional Plans in relation to the consent holder's cleanfill activities during the monitoring period.

## **3.3 Discussion**

### **3.3.1 Discussion of site performance**

The site was well managed during the period under review and Council received no complaints. There was one instance where a small amount of tanalised timber was noted to be at the site but all other inspections showed compliance with consent conditions.

### **3.3.2 Environmental effects of exercise of consents**

From the observations made during inspections it is unlikely that the cleanfill is causing any significant adverse environmental effects. The results from the water samples support this.

### 3.3.3 Evaluation of performance

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

**Table 7** Summary of performance for consent 5877-1 discharge cleanfill onto land for land improvement purposes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent exercised in accordance with information supplied	Site specific monitoring programme – inspections	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Minor non compliance
3. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	
4. No discharge of contaminants to ground or surface water.	Site specific monitoring programme – sampling/inspection	Yes
5. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
6. Install and maintain silt retention structures	Site specific monitoring programme – inspection	Yes
7. Maintain drains, ponds and contours on site to minimise unwanted water movement and ponding on site	Site specific monitoring programme - inspection	Yes
8. Adopt best practice	Site specific monitoring programme - inspection	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	Site specific monitoring programme - inspection	Yes
10. Optional review provision re environmental effects	No review option this period	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>Good</b>

N/A = not applicable

**Table 8** Summary of performance for consent 5888-1 to culvert an unnamed tributary to the Waimoku Stream

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Notification of the commencement and completion of the project, and of any maintenance which may disturb the stream bed	N/A	N/A
2. Comply with information submitted in support of application	Site specific monitoring programme - inspection	Yes
3. Minimise discharge of contaminants into the stream and avoid disturbance of the stream bed	Site specific monitoring programme - inspection	Yes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
4. Ensure the culvert is free of debris	Site specific monitoring programme - inspection	Yes
5. Remove the structures and reinstate the area when the structures are no longer needed	N/A	N/A
6. Optional review provision re environmental effects	Review note required	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		High

N/A = not applicable

During the year, BJ and BL Bishop demonstrated a good level of environmental performance and compliance with the resource consents. During the year under review a small amount of tanalised timber was found at the site however no adverse effects were detected by inspection or sampling.

### 3.3.4 Recommendations from the 2011-2012 Annual Report

THAT monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was implemented.

### 3.3.5 Alterations to the monitoring programme for 2013-2014

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-2013 period.

## 3.4 Recommendation

THAT monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2013-2014 year continue at the same level as in 2012-2013.

## 4. Downer EDI Ltd (Taranaki) – Veale Road

### 4.1 Site description and activities

Downer EDI Ltd holds consent 5213-1 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 owns 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.

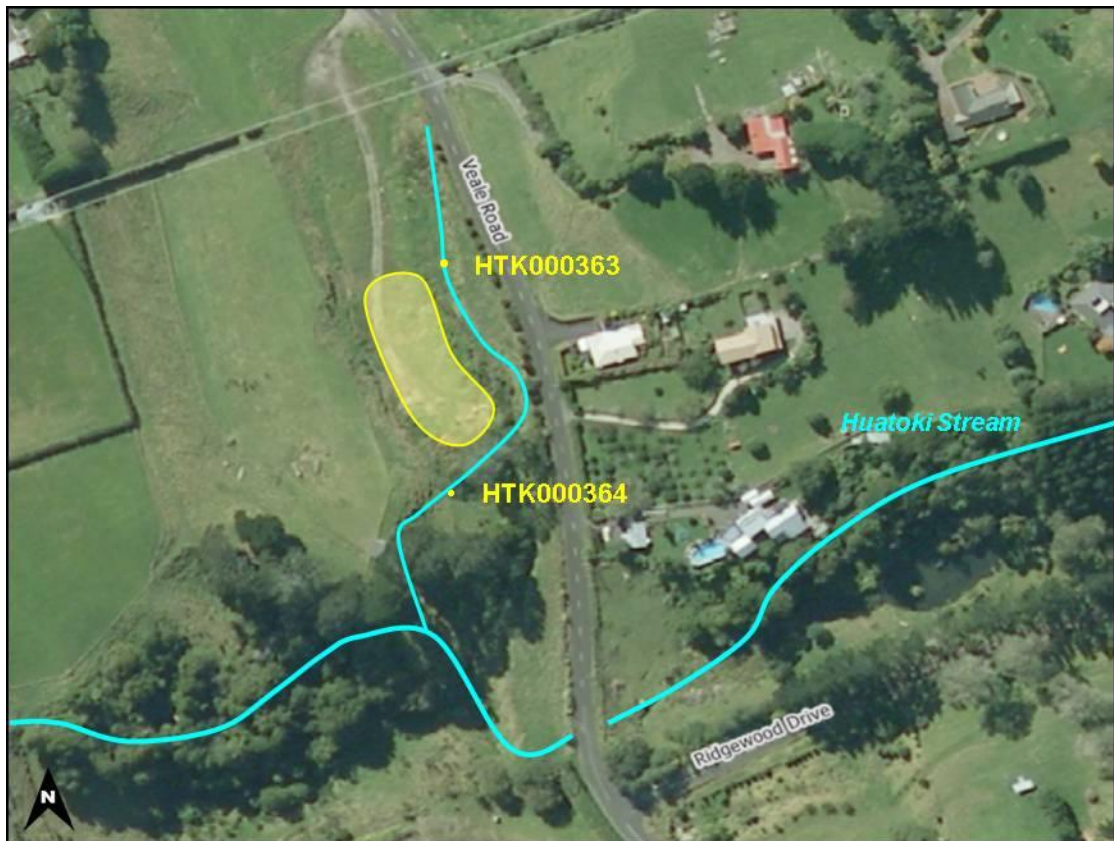


Figure 4 Downer EDI's cleanfill and sampling sites, Veale Road, New Plymouth

## 4.2 Results

### 4.2.1 Inspections

The Downer EDI Ltd Veale Rd cleanfill was inspected on three occasions during the period under review. Below are summaries of the findings of those inspections.

#### 22 August 2012

The gates were open at the time of the inspection. The site has recently had some clay and soil leveled over some of the site. There were some piles of topsoil, clay and shingle present at the site. No ponding or dust issues were noted. The site was tidy and complying with consent conditions at the time of inspection.

### 21 January 2013

The site was clean and tidy at the time of the inspection. Materials discharged consisted of concrete, clay, dirt, and bricks. Water samples were taken up and downstream of the site. The samples were clear, with a small amount of iron oxide present. No dust, ponding or odour issues were noted.

### 17 June 2013

The site was tidy and organised at the time of the inspection. Discharged materials consisted of concrete, clay, and cured bitumen. No issues were noted during the inspection.

## 4.2.2 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 4.

**Table 9** Chemical analysis of a tributary of the Huatoki Stream at Downer EDI Ltd.'s cleanfill, Veale Road, New Plymouth

Parameter	Units	21 Jan 2013	
		HTK000363 u/s of cleanfill	HTK000364 80 d/s of cleanfill
Conductivity	mS/m	13.2	13.4
Unionised ammonia	g/m <sup>3</sup> -N	0.00007	0.00010
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.015	0.022
pH	pH	7.1	7.1
Temperature	°C	16.1	16.1

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/m<sup>3</sup> guideline value given in the Regional Fresh Water Plan of Taranaki (RFPW) and would pose no threat to aquatic ecosystems.

These results indicate that the cleanfill's presence is not 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to record incidents or undertake significant additional investigations and interventions, or record incidents, in association with non compliance by Downer EDI Ltd with conditions in resource consents or provisions in Regional Plans in relation to the Company's cleanfill activities at Veale Rd during the monitoring period.

## 4.4 Discussion

### 4.4.1 Discussion of site performance

The site was well managed under the period under review. There were no complaints made to the Council in relation to this cleanfill during the period under review and there were no odour or dust nuisances noted during inspections.

### 4.4.2 Environmental effects of exercise of consents

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

### 4.4.3 Evaluation of performance

A tabular summary of Downer EDI Limited's compliance record for the period under review is set out in Table 10.

**Table 10** Summary of performance for consent 5213-1 to discharge cleanfill onto land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Exercise consent in accordance with information supplied	Site specific monitoring programme – inspections	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Yes
3. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
5. No discharge of contaminants to water	Site specific monitoring programme - inspection	Yes
6. Install silt retention structures	Site specific monitoring programme – inspection	Yes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
7. Maintain drains, ponds and contours on site to minimise unwanted water movement and ponding on site.	Site specific monitoring programme - inspection	Yes
8. Adopt best practice	Site specific monitoring programme - inspection	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	N/A	N/A
10. Optional review provision re environmental effects	No review option this period	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		High

During the year, Downer EDI Ltd (Taranaki) demonstrated a high level of environmental performance and compliance with the resource consents. During the year under review there were no adverse environmental effects due to dust or odour, or from materials discharged to the site.

#### 4.4.4 Recommendation from the 2011-2012 Annual Report

In the 2011-2012 Annual Report, it was recommended:

THAT monitoring of discharges from Downer EDI Limited's Veale Rd cleanfill in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was implemented.

#### 4.4.5 Alterations to the monitoring programme for 2013-2014

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is now proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-2013 period.

A recommendation to this effect is attached to this report.

### 4.5 Recommendation

THAT monitoring of discharges from Downer EDI Limited's Veale Rd cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.

## 5. Downer EDI Ltd (Taranaki) – South Road, Hawera

### 5.1 Site description and activities

Downer EDI Ltd 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 discharges below the designated area of the cleanfill. Following the completion of filling, the area will be restored with topsoil and pasture grass.



Figure 5 Downer EDI Limited cleanfill, South Road, Hawera

## 5.2 Results

### 5.2.1 Inspections

The Downer EDI Ltd South Rd cleanfill was inspected on two occasions during the period under review. Below are summaries of the findings of those inspections.

#### 26 September 2012

The gate was shut at the time of the inspection. Materials discharged included soil, clay, broken concrete, cured bitumen, and shingle. The site was tidy and complying with consent conditions at the time of the inspection.

**24 January 2013**

The gate was shut at the time of the inspection. Materials discharged included soil, clay, and broken concrete. The site was tidy and there were no dust or ponding issues. A water sample was taken downstream of the site. Iron oxide was found to be present in the water way.

**18 June 2013**

The gate was shut at the time of the inspection. Materials discharged included soil, clay, cured bitumen, and broken concrete. There was a small amount of sawdust present and this was to be removed. Overall the site appeared tidy and organised.

The following action was to be taken:

- Cease accepting sawdust.

**5.2.2 Results of receiving environment monitoring**

One sample was taken from the unnamed tributary of the Tawhiti Stream approximately 100 m below the cleanfill and the results are given below in Table 11.

**Table 11** Results of sample taken downstream of Downer EDI Ltd.'s cleanfill at South Rd, Hawera

Parameter	Units	24 Jan 2013
		TWH00498 (100 m downstream of cleanfill)
Conductivity	mS/m	30.7
Unionised ammonia	g/m <sup>3</sup> -N	0.00042
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.021
pH	pH	7.5
Temperature	°C	23.9

The unionised ammonia concentration measured downstream of the cleanfill was well below the 0.025 g/m<sup>3</sup> guideline value given in the Regional Fresh Water Plan of Taranaki (RFPW) and would pose no threat to aquatic ecosystems. There was a slightly elevated level conductivity which would likely be attributable to dissolved iron which often occurs naturally in the Taranaki water.

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

**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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by Downer EDI Ltd with conditions in resource consents or provisions in Regional Plans in relation to the Company's cleanfill activities during the monitoring period.

On one inspection a small amount of sawdust was found at the site and the consent holder was asked to remove it. This was not deemed to be a significant non compliance and this was dealt with by way of record in an inspection sheet.

## **5.4 Discussion**

### **5.4.1 Discussion of site performance**

The cleanfill was well managed during the monitoring period. A small amount of sawdust was found at the site on one occasion and the site manager was contacted and he undertook to have it removed. There were no complaints made to the Council in relation to this cleanfill during the monitoring year.

### **5.4.2 Environmental effects of exercise of consents**

From observations during the inspections of the site and from the results of the water sample taken, there is no indication that the activities at the site were having an adverse effect upon the environment.

### **5.4.3 Evaluation of performance**

A tabular summary of Downer EDI Limited's compliance record for the year under review is set out in Table 12.

**Table 12** Summary of performance for consent 6964-1 to discharge cleanfill onto land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Adopt best practice	Site specific monitoring programme - inspection	Yes
2. Consent exercised in accordance with information supplied	Site specific monitoring programme – inspections	Yes
3. Notify Council 7 days prior to exercise of consent	Site specific monitoring programme – programme management	Yes
4. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Minor non compliance
5. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	
6. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
7. Install silt retention structures	Site specific monitoring programme – inspection	Yes
8. Maintain stormwater drains.	Site specific monitoring programme - inspection	Yes
9. Prepare contingency plan	Site specific monitoring programme – programme management	Yes
10. Lapse condition	Consent exercised	N/A
11. Optional review provision re environmental effects	A review was not necessary	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>Good</b>

N/A = not applicable

Downer EDI Ltd demonstrated a good level of environmental performance and compliance in relation to the resource consents associated with their South Rd site. During the year under review there were no complaints or nuisances associated with the site.

#### 5.4.4 Recommendation from the 2011-2012 Annual Report

In the 2011-2012 Annual Report, it was recommended:

THAT monitoring of discharges from Downer EDI Limited's cleanfill in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was subsequently implemented.

#### **5.4.5 Alteration to the monitoring programme for 2013-2014**

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-20123 period.

A recommendation to this effect is attached to this report.

### **5.5 Recommendation**

THAT monitoring of discharges from Downer EDI Limited's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.

## 6. E Riddick – Carrington Road

### 6.1 Site description and activities

E Riddick holds consent 3977-3 to discharge cleanfill to land. The 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 to flow around the cleanfill areas to the wetland below the site. Most of filled areas have been re-grassed, leaving only the tipping face exposed.

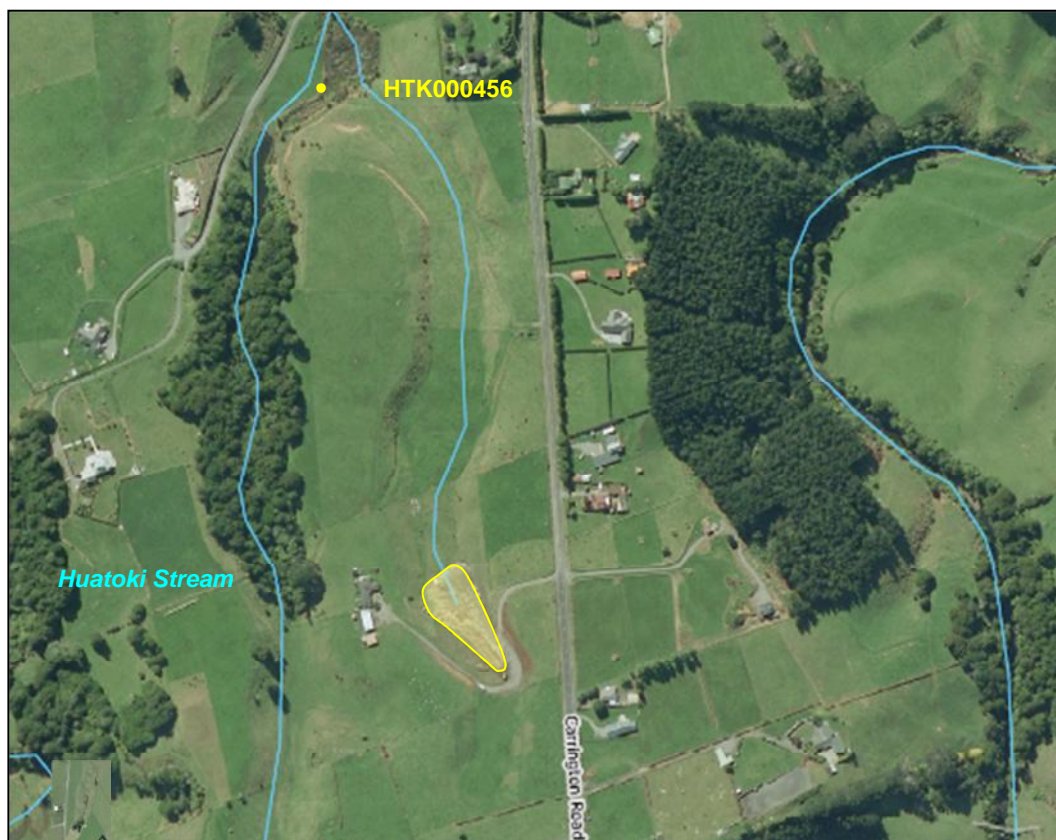


Figure 6 EE Riddick's cleanfill, Carrington Road, New Plymouth

## 6.2 Results

### 6.2.1 Inspections

E Riddick's cleanfill was inspected on three occasions during the period under review. Below are summaries of the findings of those inspections.

#### 22 August 2012

The gates were open at the time of the inspection. Not much had been discharged since the last inspection. One pile of shingle was on the site.



The site had recently been leveled. There were no ponding or dust issues and the site was found to be tidy and complying with consent conditions.

#### 21 January 2013

Materials discharged at the site consisted of clay, soil, cured bitumen and concrete. The site was clean and tidy and there was no ponding, dust or odours. One water sample was collected.

#### 17 June 2013

The site was visited to conduct a compliance monitoring inspection. Material discharged included soil, clay, and cured bitumen. The site was clean and tidy and in compliance.

### 6.2.2 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 6.

**Table 13** Chemical analysis of an unnamed tributary of the Huatoki Stream below EE Riddick's cleanfill

Parameter	Units	21 Jan 2013
		HTK000456 (downstream of cleanfill)
Conductivity	mS/m	16.6
Unionised ammonia	g/m <sup>3</sup> -N	0.00017
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.056
pH	pH	6.9
Temperature	°C	17.1

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/m<sup>3</sup> guideline value given in the Regional Fresh Water Plan of Taranaki (RFWP) and would pose no threat to aquatic ecosystems.

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

### 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by E Riddick with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

## 6.4 Discussion

### 6.4.1 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.

### 6.4.2 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.

### 6.4.3 Evaluation of performance

A tabular summary of EE Riddick's compliance record for the period under review is set out in Table 14.

**Table 14** Summary of performance for Consent 3977-3 discharge of cleanfill onto land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent exercised in accordance with information supplied	Site specific monitoring programme – inspections	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Yes
3. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	Yes

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	Site specific monitoring programme – programme management	No approval sought or necessary
5. Discharge to land not to result in contaminants entering ground or surface water	Site specific monitoring programme - sampling	Yes
6. Install silt retention structures	Site specific monitoring programme – inspection	Yes
7. Maintain drains, ponds and contours on site to minimise unwanted water movement and ponding on site.	Site specific monitoring programme - inspection	Yes
8. Adopt best practice	Site specific monitoring programme - inspection	Yes
9. Upon completion the discharge site shall be stabilised and re-vegetated	N/A	N/A
10. Optional review provision re environmental effects	No review option this period	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		High

N/A = not applicable

During the year, EE Riddick demonstrated a high level of environmental performance and compliance with the resource consents. During the year under review there were no adverse environmental effects due to dust or odour, or from materials discharged to the site.

#### 6.4.4 Recommendation from the 2011-2012 Annual Report

In the 2011-2012 Annual Report, it was recommended:

THAT monitoring of discharges from EE Riddick's cleanfill in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was subsequently implemented.

#### 6.4.5 Alterations to the monitoring programme for 2013-2014

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that monitoring of discharges from EE Riddick's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.

A recommendation to this effect is attached to this report.

## **6.5 Recommendation**

THAT monitoring of discharges from EE Riddick's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.

## 7. Earthworks Earthmoving Ltd/ Gas and Plumbing Ltd

### 7.1 Site description and activities

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

The site is situated opposite the Colson Rd transfer station entrance and cleanfilling operations began in late 2007. As the clean fill 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 Ltd.



Figure 7 Earthworks Earthmoving cleanfill site, Colson Rd, New Plymouth

## 7.2 Results

### 7.2.1 Inspections

31 July 2012 (Earthworks Earthmoving Ltd)

Materials discharged included cured bitumen, clay, and soil. The area below the last culvert pipe has been tidied up and benched. There were no ponding or dust issues. The site was tidy and complying with consent conditions at the time of inspection.

**28 January 2013 (Gas and Plumbing Ltd)**

Not a lot of material had been discharged since the last inspection. The culvert pipe had reached the main drain and a section of main drain had been cleaned out. The site looked tidy and organised and there were no dust issues.

**17 June 2013 (Gas and Plumbing Ltd)**

Not much had been discharged since the last inspection. Materials discharged consisted of mainly clay, soil and broken concrete. No issues were noted.

**7.2.2 Receiving environment monitoring results**

One sample was taken at in the unnamed tributary below the cleanfill at site MMR0006 on 4 February 2013 and the results are given in the Table below.

**Table 15** Results of sample taken downstream of the Gas and Plumbing cleanfill

Parameter	Units	MMR000061 (d/s of cleanfill)
Conductivity	mS/m	21.2
Unionised ammonia	g/m <sup>3</sup> -N	0.00105
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.368
pH	pH	6.8
Temperature	°C	19.2

The unionised ammonia concentration measured downstream of the cleanfill was well below the 0.025 g/m<sup>3</sup> guideline value given in the Regional Fresh Water Plan of Taranaki (RFPW) and would pose no threat to aquatic ecosystems.

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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by Earthworks Earthmoving with conditions in resource consents or provisions in Regional Plans in relation to the Company's cleanfill activities during the monitoring period.

## 7.4 Discussion

### 7.4.1 Discussion of site performance

During the period under review the site was well managed and in compliance with consent conditions.

### 7.4.2 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.

### 7.4.3 Evaluation of performance

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

**Table 16** Summary of performance for consent 7165-1 discharge of cleanfill onto and into land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge only in specified area	Site specific monitoring programme – inspection	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme – inspection	Yes
3. No discharge of materials detailed in the consent	Site specific monitoring programme – inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council.	Site specific monitoring programme – programme management	No approval sought or necessary
5. Silt retention structures shall be installed if required	Site specific monitoring programme – programme management	Yes
6. Stormwater control drains shall be installed if required	Site specific monitoring programme – programme management	Yes
7. Adopt best practice	Site specific monitoring programme – inspection	Yes
8. Upon completion the discharge site shall be reinstated and re-vegetated	Site specific monitoring programme – inspection	N/A
9. Review condition	N/A	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

During the reporting period, Earthworks Earthmoving Limited demonstrated a high level of environmental performance and compliance with the resource consents. During the period under review there were no complaints about the site and no adverse effects were noted during inspections.

#### **7.4.4 Recommendation from the 2011-2012 Annual Report**

The 2011-2012 Annual Report recommended:

THAT monitoring of discharges from Earthworks Earthmoving Ltd.'s cleanfill in the 2012-2013 period remain the same as was implemented in the 2011-2012 period.

This recommendation was fully implemented and the programme was transferred to Gas and Plumbing Ltd in August 2012.

#### **7.4.5 Alterations to the monitoring programme for 2013-2014**

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014 the monitoring programme remained unchanged from that undertaken in the 2012-2013 period.

A recommendation to this effect is attached to this report.

### **7.5 Exercise of optional review of consent**

Resource consent 7165-1 provides for an optional review of the consent in June 2014. Condition 9 allows the Council to review the consent, for the purpose of ensuring the current conditions are adequate to deal with any adverse environmental effects that may arise 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.

A recommendation to this effect is presented in Section 7.6 of this report.

### **7.6 Recommendations**

1. THAT monitoring of discharges from Gas and Plumbing Ltd.'s cleanfill in the 2013-2014 period remain the same as was implemented in the 2012-2013 period.
2. THAT the option for a review of resource consent 7165-1 in June 2014, as set out in condition 9 of the consent not be exercised, on the grounds that the current conditions are adequate to deal with any adverse environmental effects that may arise from the exercise of the consent.



## 8. Graham Harris [2000] Limited – Egmont Rd

### 8.1 Site description and activities

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. 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 8** Graham Harris [2000] Limited's cleanfill 341 Egmont Road, New Plymouth

## 8.2 Results

### 8.2.1 Inspections

The Graham Harris (2000) Ltd cleanfill was inspected on three occasions during the period under review. Below are summaries of the findings of those inspections.

#### 31 July 2012

The gates were locked and the site had been recently leveled. Material discharged included clay, metal and broken concrete. There was a large amount of topsoil stored to the side of the cleanfill. The site was tidy and complying with consent conditions at the time of inspection.

**30 January 2013**

The gates were locked at the time of the inspection. There was a load of prohibited material at the site that needed to be removed. This included a lounge suite, 2 bikes, a bath, and number of steel 44 gallon drums. A small amount of greenwaste had also been discharged at the site

The following action was to be taken:

- Remove prohibited material and cease accepting greenwaste.
- Advise your drivers of what is acceptable and permitted in cleanfill.

**2 April 2013**

The gate was locked at the time of the inspection. A significant amount of material had been discharged. Unacceptable wastes were being kept to one side. Concrete in the tip face had excessive reinforcing protruding from it. The site office was contacted in regards to this.

The following action was to be taken:

- Remove re-bar from concrete before discharging at site.

**24 June 2013**

The gate was locked at the time of the inspection. Materials discharged consisted of demolition concrete and untreated timber. The site had just been pushed over by bulldozer. The site manager was contacted and silt controls were discussed. The site was in compliance at the time of the inspection.

**8.2.2 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. It is anticipated that water quality samples would only be available in times of heavy rain.

**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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 periods, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by Graham Harris Ltd with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

There were some non compliances at the site but these were dealt with by the consent holder and deemed too minor to warrant logging as an incident. It was therefore dealt with by way of a record on an inspection notice.

## 8.4 Discussion

### 8.4.1 Discussion of site performance

The site was generally well managed throughout the monitoring period. There were no dust or odour nuisances recorded by the Council, and storm water ponding was not an issue at the site. Unacceptable wastes were noted to be appearing at the site, however the issue was dealt with by the consent holder.

### 8.4.2 Environmental effects of exercise of consents

During the monitoring period, the presence and operation of the cleanfill no significant adverse effects on the environment were observed. There were no problems with dust or odour as a result of exercise of the consent.

### 8.4.3 Evaluation of performance

A tabular summary of Graham Harris [2000] Limited's compliance record for the year under review is set out in Table 17.

**Table 17** Summary of performance for Consent 6771-1 discharge cleanfill onto land for land improvement purposes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Adopt best practice	Site specific monitoring programme – inspections	Yes
2. Exercise consent in accordance with application	Site specific monitoring programme – inspections	Yes
3. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Minor non compliance
4. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	
5. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary

Condition requirement	Means of monitoring during period under review	Compliance achieved?
6. No discharge of contaminants to water	Site specific monitoring programme - inspection	Yes
7. Install silt retention structures	Site specific monitoring programme – inspection	Yes
8. Maintain drains, ponds and contours on site to minimise unwanted water movement and ponding on site.	Site specific monitoring programme - inspection	Yes
9. Maintain appropriate contour	Site specific monitoring programme - inspection	Yes
10. No burning	Site specific monitoring programme - inspection	Yes
11. Provide information	Site specific monitoring programme – programme management	N/A
12. Lapse period	N/A	N/A
13. Optional review provision re environmental effects	No review option this period	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>Good</b>

During the monitoring period, Graham Harris [2000] Limited demonstrated a good level of environmental performance and compliance with the resource consent relating to their Egmont Rd site.

#### 8.4.4 Recommendation from the 2011-2012 Annual Report

The 2011-2012 Annual report recommended:

THAT the monitoring of discharges from Graham Harris [2000] Limited cleanfill in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was implemented in full.

#### 8.4.5 Alterations to the monitoring programme for 2013-2014

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-2013 period.

A recommendation to this effect is attached to this report.

## **8.5 Exercise of optional review of consent**

Resource consent 6771-1 provides for an optional review of the consent in June 2014. Condition 13 allows the Council to review the consent, for the purpose of ensuring that the conditions are adequate to deal with any adverse environmental effects that may arise 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.

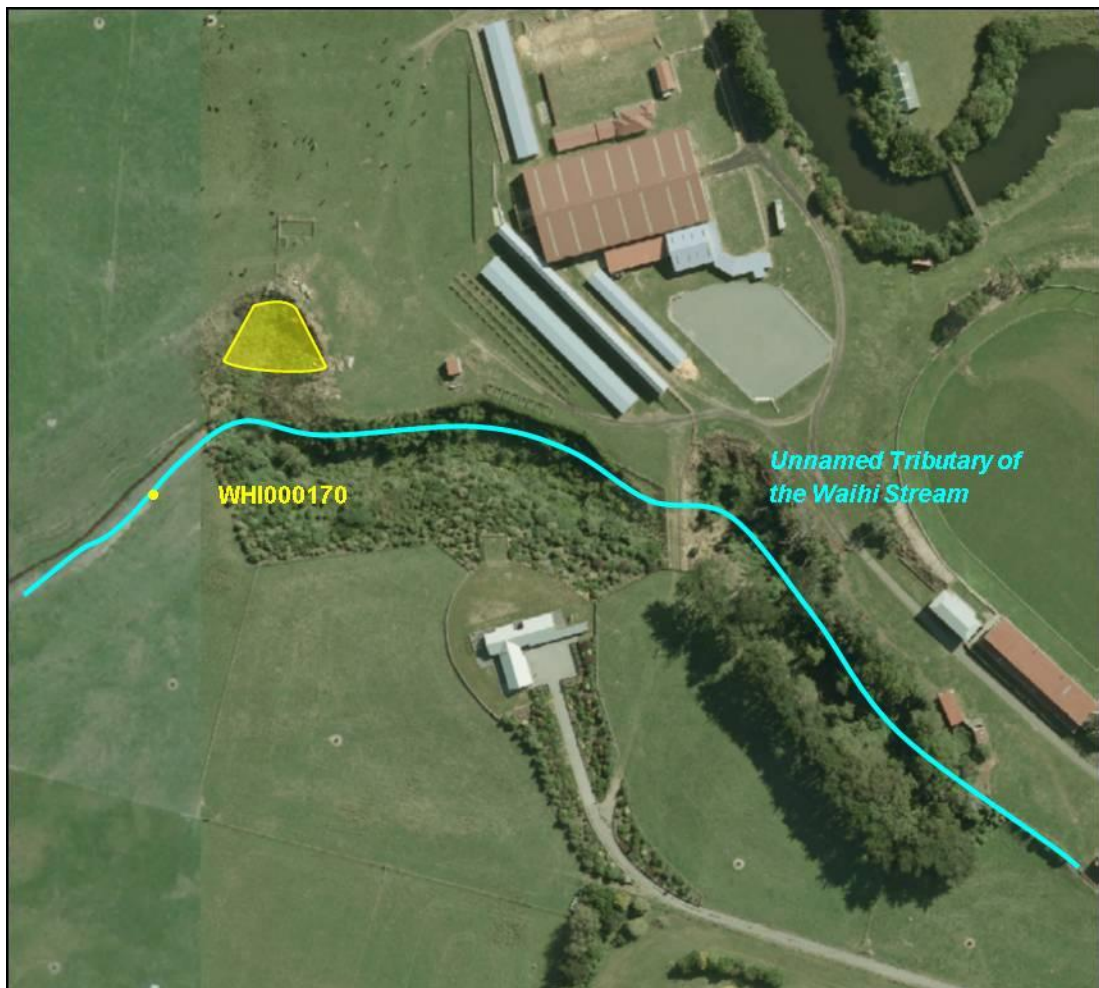
A recommendation to this effect is presented in Section 8.6 of this report.

## **8.6 Recommendations**

1. THAT monitoring of discharges from Graham Harris [2000] Limited cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
2. THAT the option for a review of resource consent 6771-1 in June 2014, as set out in condition 13 of the consent not be exercised, on the grounds that the current conditions are adequate to deal with any adverse environmental effects that may arise from the exercise of the consent.

## 9. Gilray Partnerships

Gilray Partnerships holds consent 7289-1 to operate a cleanfill adjacent to the Hawera show grounds. The consent holder is associated with the showground facility and the purpose of the cleanfill is to increase the area available for the parking of trucks and horse floats during events. The area of cleanfill is approximately 1,500 m<sup>2</sup> and 10 metres deep at its deepest point and the consent holder allows road contractors (by arrangement) to discharge clean fill materials at the site. This consent was surrendered during the period under review on 17 December 2012.



**Figure 9** Aerial view of Gilray Partnership's cleanfill at Burnside Ave, Hawera

### 9.1 Results

#### 9.1.1 Inspections

The Gilray Partnership cleanfill was visited on one occasion during the monitoring period.

##### 5 November 2012

The gates were open at the site. The cleanfill has been reinstated and re-grassed and the face of the cleanfill had been fenced off. No issues were noted.

## 9.2 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by Gilray Partnerships with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

## 9.3 Discussion

### 9.3.1 Discussion of site performance

The site had been fully reinstated in early 2012. The consent holder surrendered the consent in December 2012.

### 9.3.2 Environmental effects of exercise of consents

No significant adverse effects on the environment were observed during the inspections or from the water sampling done in previous monitoring periods.

### 9.3.3 Evaluation of performance

A tabular summary of Gilray Partnership compliance record for the period under review is set out in Table 18.

**Table 18** Summary of performance for consent 7289-1 discharge of cleanfill onto land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Confine filling to specified area	Site specific monitoring programme – inspections	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Yes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
3. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
5. Install silt retention structures	Site specific monitoring programme – inspection	Yes
6. Adopt best practice	Site specific monitoring programme - inspection	Yes
7. Upon completion the discharge site shall be stabilised and re-vegetated	Site specific monitoring programme - inspection	Yes
8. Lapse condition	Site specific monitoring programme – programme management	Consent exercised
9. Optional review provision re environmental effects	No review option this period	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		High

N/A = not applicable

During the year, the Company demonstrated a high level of environmental performance and compliance with the resource consents. There were no complaints or nuisances associated with the site and no environmental effects were noted during inspections.

#### 9.3.4 Recommendation from the 2011-2012 Annual Report

The 2011-2012 Annual report recommended:

THAT monitoring of discharges from Gilray Partnership's cleanfill at Burnside Rd in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was implemented.

#### 9.3.5 Alterations to the monitoring programme for 2013-2014

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring be discontinued as the consent has been surrendered. A recommendation to this effect is attached to this report.

### 9.4 Recommendation

THAT monitoring of discharges from Gilray Partnership's cleanfill be discontinued.



## 10. Inframax Construction – Bishop Rd

### 10.1 Site description and activities

Inframax Construction operates a cleanfill on private property at the corner of Egmont Rd and Bishop Rd, New Plymouth. The site is secured by way of a locked gate and the keys are issued to authorised persons only. There is a sign at the gate prohibiting unauthorised use of the cleanfill. The site was full by the end of the 2003-2004 monitoring period. Only inert cleanfill materials were permitted on the site as per consent 5187-1. The site had been capped, grassed and is now used for grazing.

### 10.2 Results

The Inframax cleanfill was inspected on one occasion during the period under review. Below is a summary of the findings of that inspection.

#### 10.2.1 Inspection

##### 31 July 2012

This site was fully remediated and had stock grazing it and no material had been added for some time. No issues in regards to leachate or ponding were noted.

##### 28 January 2013

This site was fully remediated and had stock grazing it. No issues in regards to leachate or ponding were noted. Water samples were taken.

#### 10.2.2 Results of receiving environment monitoring

Two water samples were taken of the receiving waters and the results of analyses are given in Table 19.

**Table 19** Results of sampling undertaken at Inframax's cleanfill, Bishop Rd New Plymouth.

Parameter	Units	28 Jan 2013	
		MNH000288 adjacent cleanfill (us of old leachate pond)	MNH000291 d/s of cleanfil and old leacahte pond
Conductivity	mS/m	20.8	20.7
Unionised ammonia	g/m <sup>3</sup> -N	0.00015	0.00009
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.025	0.018
pH	pH	7.2	7.1
Temperature	°C	17.0	17.0

The results show that water quality in the stream adjacent and downstream of the cleanfill is good. The unionised ammonia concentration measured at both sites was well below the 0.025 g/m<sup>3</sup> guideline value given in the Regional Fresh Water Plan of Taranaki (RFPW) and would pose no threat to aquatic ecosystems.

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

### 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by Inframax Construction Limited with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

### 10.4 Discussion

#### 10.4.1 Discussion of site performance

This site has been closed for some time and is not accepting any cleanfill materials. The cap is in good condition and well vegetated. There were no dust or odour nuisances, no unauthorised discharges, and no stormwater ponding at the site.

#### 10.4.2 Environmental effects of exercise of consents

Sampling done in this period and over the last 10 years has indicated that the cleanfill presence has not caused, and is not causing any adverse effect on the environment. No effects were noted during the inspection during this monitoring period.

#### 10.4.3 Evaluation of performance

A tabular summary of Inframax Construction Limited's compliance record for the period under review is set out in Table 20.

**Table 20** Summary of performance for Consent 5187-1 To discharge clean fill onto land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	N/A

Condition requirement	Means of monitoring during period under review	Compliance achieved?
2. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	N/A
3. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
4. Discharge not to be within five metres of the water body.	Site specific monitoring programme - inspection	N/A
5. Discharge to land not to result in contaminants entering ground or surface water	Site specific monitoring programme - sampling	Yes
6. Adopt best practice	Site specific monitoring programme - inspection	Yes
7. Stabilise and revegetate site upon completion	Site specific monitoring programme - inspection	Yes
8. Exercise consent in accordance with information supplied	Site specific monitoring programme - inspection	Yes
9. Review condition	N/A	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

During the reporting period, Inframax Construction Limited demonstrated a high level of environmental performance and compliance with the resource consents. During the period under review there were no complaints about the site, and the site remains stable and well vegetated.

#### 10.4.4 Recommendation from the 2011-2012 Annual Report

In the 2011-2012 Annual Report, it was recommended:

THAT monitoring of discharges from Inframax Construction Limited's cleanfill in the 2012-2013 year remain unchanged from that of the 2011-2012 monitoring period.

This recommendation was subsequently implemented.

#### 10.4.5 Alterations to the monitoring programme for 2013-2014

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014 the monitoring of Inframax Construction Ltd.'s cleanfill continue at the same level as that undertaken in the 2012-2013 year.

A recommendation to this effect is attached to this report.

## **10.5 Recommendation**

That for 2013-2014 the monitoring of Inframax Construction Ltd.'s cleanfill continue at the same level as that undertaken in the 2012-2013.

## 11. JW and TC Bailey Limited – Saxton Road

### 11.1 Site description and activities

JW and TC Bailey Ltd (Bailey Contracting) hold consents 5825-2 to discharge cleanfill, 4999-3 to discharge leachate, 5826-2 to discharge emissions to air and 5824-2 to install and maintain a culvert. The Company specialises in projects involving earthworks and earth moving equipment. The depot is based on Saxton Rd in the vicinity of the Te Henui Stream, and the site is also used for the disposal of cleanfill materials from earth moving projects undertaken by the Company.

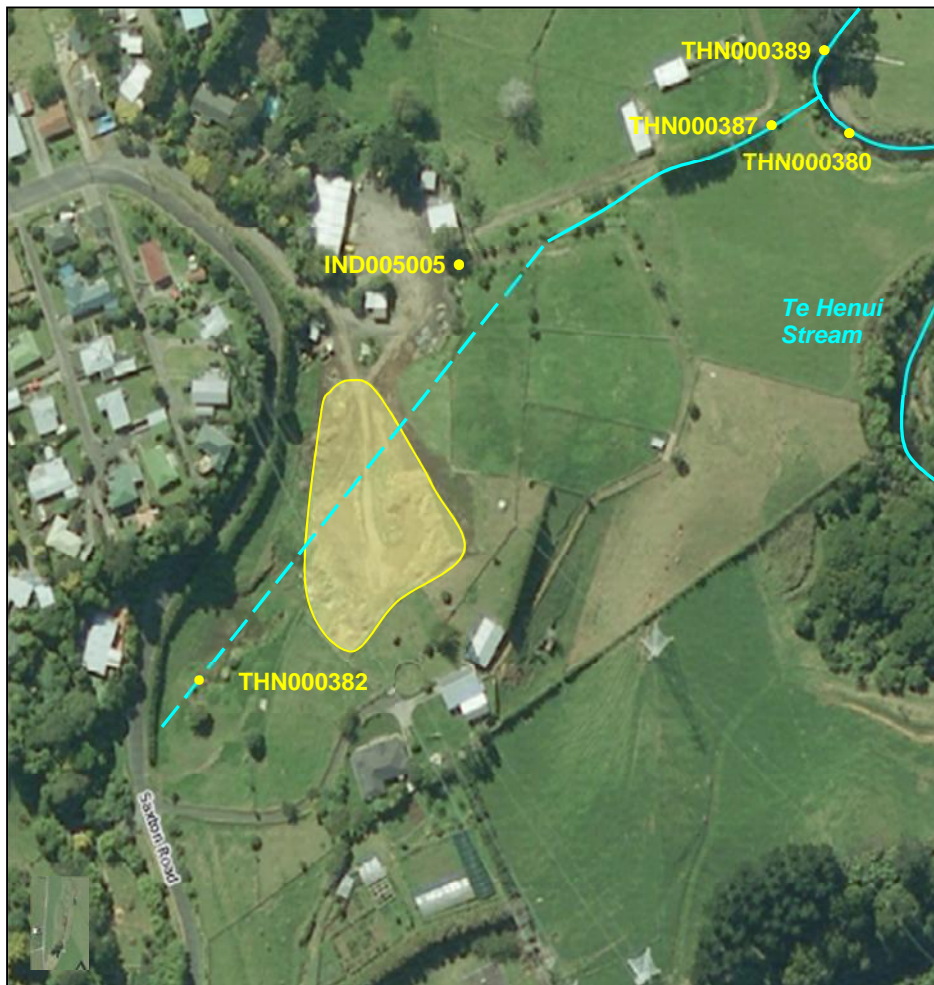


Figure 10 Baileys cleanfill, New Plymouth and associated sampling sites

## 11.2 Results

### 11.2.1 Inspections

The JW and TC Bailey cleanfill was inspected on three occasions during the period under review. Below are summaries of the findings of those inspections.

#### 25 October 2012

Nothing had been added to the cleanfill since the last inspection. Topsoil was still on site ready to be spread. The site was tidy and complying with consent conditions.

#### 21 January 2013

Exposed areas of cleanfill consisted of clay and soil. The site was tidy and no dust or odour or ponding issues were noted at the time of inspection. Water samples were collected.

### 21 June 2013

There had been very little activity since the last inspection and the site was in compliance with consent conditions.

## 11.2.2 Results of discharge and receiving water monitoring

One discharge sample and two receiving environment samples were taken from the Te Henui Stream on 21 February 2013. The results of the chemical analyses of the samples are presented in Table 21 and the sampling locations are shown in Figure 10.

**Table 21** Chemical analysis of discharge and the Te Henui Stream at 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)	IND002005 (discharge)	THN000389 (d/s of confluence with cleanfill trib)
Conductivity	mS/m	13.6	8.5	23.9	8.8
Unionised ammonia	g/m <sup>3</sup> -N	0.00032	0.00024	0.002	0.00067
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.121	0.004	2.06	0.014
pH	pH	6.9	8.2	6.6	8.1
Temperature	°C	15.1	17.4	16.0	17.4

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 an elevated level of ammoniacal nitrogen, however pH and temperature conditions at the time of sampling meant that this resulted in only low levels of free ammonia being produced in the main stem of the Te Henui. From these results it is unlikely that the cleanfill presence is having any adverse effect on the environment.

## 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by JW and BT Bailey with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

## 11.4 Discussion

### 11.4.1 Discussion of site performance

The cleanfill was well managed and operated throughout the monitoring period and underwent significant amount of reinstatement. No complaints were made to the Council in relation to this cleanfill during the monitoring period.

### 11.4.2 Environmental effects of exercise of consents

No significant adverse effects on water quality or aquatic life of the Te Henui Stream due to cleanfilling activities at the site were noted either by inspection or water analysis during the period under review.

### 11.4.3 Evaluation of performance

A tabular summary of JW and TC Bailey Ltd.'s compliance record for the period under review is set out in Tables 22-25.

**Table 22** Summary of performance for Consent 4999-3 To discharge leachate and stormwater

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Maintain stormwater drains and contours at the site	Site specific monitoring programme - inspection	Yes
2. Prevent or minimise any likely adverse effects on the environment due to the discharge of leachate	Site specific monitoring programme and sampling – programme management	Yes
3. Discharge shall not alter water quality in the Te Henui Stream	Site specific monitoring programme – inspection and water sampling	Yes
4. Prevent or minimise any likely adverse effects on the environment due to any discharge at the site	Site specific monitoring programme – inspection and water sampling	Yes
5. Optional review provision re environmental effects	A review was not required	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		High

N/A = not applicable

**Table 23** Summary of performance for Consent 5824-2 To culvert an unnamed tributary to the Te Henui Stream

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Comply with information submitted in support of application	Site specific monitoring programme – programme management	Yes
2. Notification of the commencement and completion of the project, and of any maintenance which may disturb the stream bed	Site specific monitoring programme – programme management	Yes
3. Maintain stormwater drains and/or contours at the site	Site specific monitoring programme – inspection	Yes
4. Maintain the culvert	Site specific monitoring programme – inspection	Yes
5. Install silt retention structures	Site specific monitoring programme – programme management	Yes
6. Minimise disturbance to the stream bed	Site specific monitoring programme – programme management	Yes
7. Prevent or minimise any likely adverse effects on the environment	Site specific monitoring programme – programme management	Yes
8. Remove the structures and reinstate the area when the structures are no longer needed	N/A	N/A
9. Optional review provision re environmental effects	A review was not required	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

**Table 24** Summary of performance for Consent 5825-2 To discharge cleanfill material 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	Site specific monitoring programme – inspections	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Yes
3. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or found to be required
5. No contaminants to enter ground or surface water	Site specific monitoring programme –sampling	Yes
6. Build and maintain silt retention structures	Site specific monitoring programme – inspection	Yes



Condition requirement	Means of monitoring during period under review	Compliance achieved?
7. Consent exercised in accordance with application	Site specific monitoring programme – inspections	Yes
8. Upon completion the discharge site shall be stabilised and re-vegetated	Site specific monitoring programme - inspection	Yes
9. Review condition	A review was not required	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

**Table 25** Summary of performance for Consent 5826-2 To discharge emissions to air

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Comply with information submitted in support of application	Site specific monitoring programme – programme management	Yes
2. No offensive odours or dust or noxious concentrations	Site specific monitoring programme – inspection	Yes
3. No burning on site	Site specific monitoring programme – inspection	Yes
4. Prevent or minimise any likely adverse effects on the environment	Site specific monitoring programme – programme management	Yes
5. Maintain a management plan for the site	Site specific monitoring programme – programme management	Yes
6. Optional review provision re environmental effects	A review was not required	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

During the period under review, JW and TC Bailey demonstrated a high level of environmental performance and compliance with the resource consents. During the period under review there were no complaints about the site and sampling results indicate that there was no significant change in water quality in the Te Henui Stream as a result of the cleanfilling activity.

#### 11.4.4 Recommendation from the 2011-2012 Annual Report

In the 2011-2012 Annual Report, it was recommended:

THAT monitoring of discharges from JW & TC Bailey Limited's cleanfill in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was subsequently implemented.

#### **11.4.5 Alterations to the monitoring programme for 2013-2014**

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-2013 period.

A recommendation to this effect is attached to this report.

### **11.5 Exercise of optional review of consent**

Resource consents 4999-3, 5824-2, 5825-2 and 5826-2 provide for an optional review of the consents in June 2014. Conditions in the consents allow for the Council to review the consent, for the purpose of ensuring the current conditions are adequate to deal with any adverse environmental effects that may arise 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 reviews to be pursued.

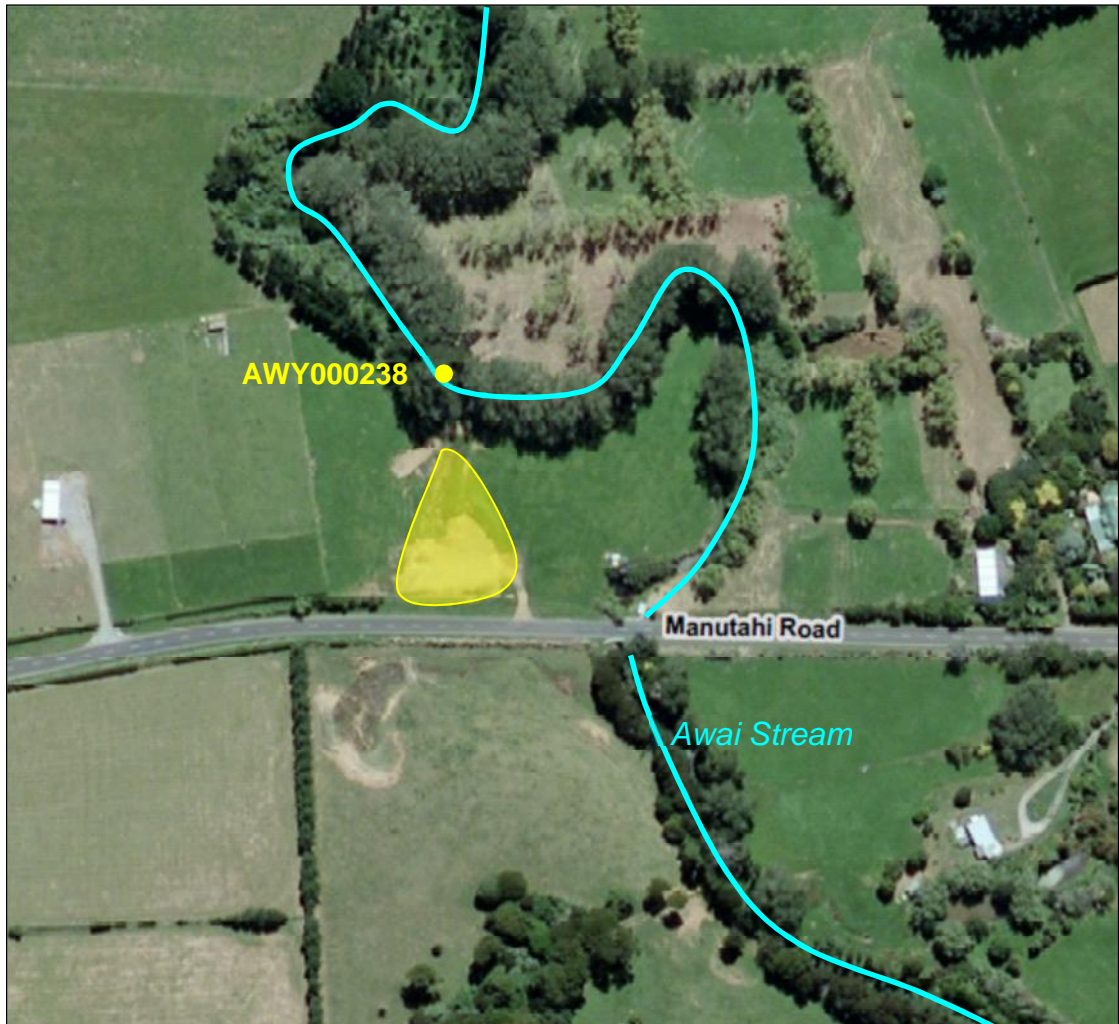
A recommendation to this effect is presented in Section 11.6 of this report.

### **11.6 Recommendations**

1. THAT monitoring of discharges from JW & TC Bailey Limited's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
2. THAT the option for a review of resource consents 4999-3, 5824-2, 5825-2 and 5826-2 in June 2014, as set out in consent conditions, not be exercised, on the grounds that the current conditions are adequate to deal with any adverse environmental effects that may arise from the exercise of the consents.

## 12. M Collis

M Collis held consent 7617 to operate a cleanfill on Manutahi Rd adjacent to the Awai Stream. The consent holder accepts cleanfill materials from City Care contractors to fill in a shallow gully on their property. The site was reinstated and closed during the period under review. Consent 7617 was surrendered on 21 February 2013.



**Figure 11** Aerial view of M Collis' cleanfill at Manutahi Rd, Bell Block

## 12.1 Results

### 12.1.1 Inspections

The site was visited on three occasions during the monitoring period.

#### 31 July 2012

The gates were locked at the time of the inspection. Materials discharged included clay, broken concrete, gravel and some plastic pipe. No ponding or dust issues were noted. The site was tidy and complying with consent conditions at the time of inspection.

### 14 November 2012

The site was visited to conduct an inspection of the reinstatement works. The fill area had been contoured and track rolled and was ready to be sown. The final contour of the filled area looked good and would drain well. There was a silt fence running along the river bank to prevent any silt entering the Awai Stream. There were no issues in regards to leachate or dust.

### 21 January 2013

Inspection found that the site has been re-grassed and reinstated. A sample was collected 30m downstream of the site. No issues were noted.

## 12.1.2 Receiving water results

Sampling was undertaken on one occasion, and the results are given in the table below.

**Table 26** Results from samples taken at site AWY000238

Parameter	Units	21 Jan 2013
		AWY000238 30 d/s of cleanfill trib
Conductivity	mS/m	11.5
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.004
Unionised ammonia	g/m <sup>3</sup> -N	0.00006
pH	pH	7.6
Temperature	Deg C	16.2

The results from the analyses indicate that the cleanfill's presence is having little or no effect on water quality in the Awai Stream. The level of conductivity is comparable with background in Taranaki surface water levels and the level of unionised ammonia is well below the 0.025 g/m<sup>3</sup> guideline for the protection of aquatic ecosystems.

## 12.2 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 e.g. 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 Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by M Collis with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

## 12.3 Discussion

### 12.3.1 Discussion of site performance

The site was organised and well managed during the period under review. There were no issues with dust, odour or leachate noted during inspections. The site was reinstated and re-grassed during the monitoring period.

### 12.3.2 Environmental effects of exercise of consents

No significant adverse effects on the environment were observed during the inspections or from the water sampling.

### 12.3.3 Evaluation of performance

A tabular summary of M Collis' compliance record for the period under review is set out in Table 27.

**Table 27** Summary of performance for consent 7617-1 Discharge of cleanfill onto land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Only discharge cleanfill and/or inert materials	Site specific monitoring programme - inspection	Yes
2. No discharge of prohibited materials listed in the consent	Site specific monitoring programme - inspection	Yes
3. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	Approval not sought or necessary
4. Install silt retention structures	Site specific monitoring programme – inspection	Yes
5. Contaminants not to enter water	Site specific monitoring programme - inspection	Yes
6. Upon completion the discharge site shall be stabilised and re-vegetated	N/A	Yes
7. Adopt best practice	Site specific monitoring programme - inspection	Yes
8. Lapse condition	Site specific monitoring programme – programme management	Consent exercised
9. Optional review provision re environmental effects	No review option this period	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

During the year, M Collis demonstrated a high level of environmental performance and compliance with the resource consents. There were no complaints or nuisances associated with the site and no environmental effects were noted during inspections.

#### **12.3.4 Recommendation from the 2011-2012 Annual Report**

The 2011-2012 annual report recommended:

THAT monitoring of discharges from M Collis' cleanfill at Manutahi Rd in the 2012-2013 period, continue at the same level as in the 2011-2012 period.

This recommendation was implemented in full.

#### **12.3.5 Alterations to the monitoring programme for 2013-2014**

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that monitoring of the discharges at the M Collis cleanfill be discontinued as consent 7617-1 has now been surrendered.

A recommendation to this effect is attached to this report.

### **12.4 Recommendation**

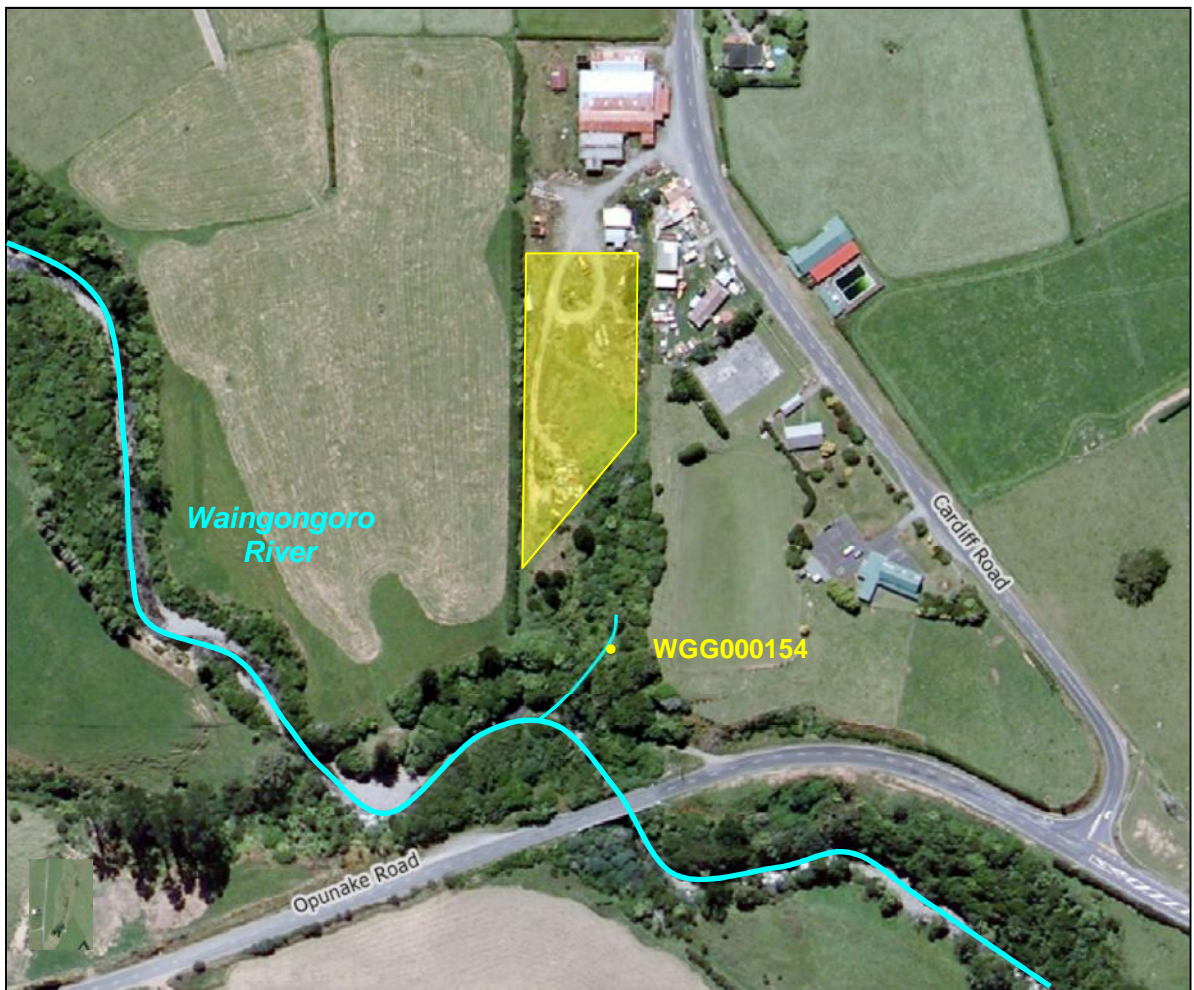
That monitoring of the discharges at the M Collis cleanfill is discontinued as consent 7617-1 has now been surrendered.



## 13. Taranaki Trucking Company Ltd - Cardiff Road

### 13.1 Site description and activities

Taranaki Trucking Ltd holds resource consents 5561-1 to discharge cleanfill and 5561-1 to install and maintain a culvert. 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 is one of the smaller cleanfills described in this report. As filling progresses the consent holder may install a culvert, for which consent has been obtained.



**Figure 12** Taranaki Trucking Company Limited's cleanfill and sampling sites at Cardiff Rd, Stratford

## 13.2 Results

### 13.2.1 Inspections

Taranaki Trucking Ltd.'s cleanfill at Cardiff was inspected on two occasions during the 2012-2013 monitoring period. Below is a summary of the findings of those inspections.

### 24 October 2012

Inspection found a number of piles of broken concrete and bricks to be the only materials added since the last inspection. There were no odour, ponding or dust issues. The site was tidy and in compliance

### 22 January 2013

Not much had been discharged since the last inspection. Materials discharged consisted of broken concrete and bricks. During the inspection contractors arrived with 2 truck trailers of clay and soil. A water sample was taken downstream of cleanfill.

## 13.2.2 Results of receiving environment monitoring

A water quality sample was taken on 22 January 2013, at site WGG000154 below the toe of the cleanfill. The results are shown in the table below and sites identified in Figure 12.

**Table 28** Chemical analysis of a tributary of the Waingongoro River in relation to Taranaki Trucking Company Limited's cleanfill, Cardiff Road

Parameter	Units	WGG000154 (10m d/s of cleanfill)
Conductivity	mS/m	12.7
Ammoniacal nitrogen	g/m <sup>3</sup> -N	0.138
Unionised ammonia	g/m <sup>3</sup> -N	0.00040
pH	pH	7.0
Temperature	°C	13.2

**Key:** \* = not measured

The results from the analyses indicate that the cleanfill's presence is having little or no effect on water quality in the Waingongoro Stream. The level of conductivity is comparable with background in Taranaki surface water levels and the level of unionised ammonia is well below the 0.025 g/m<sup>3</sup> 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 e.g. provision of advice and information, or investigation of potential or actual courses of non-compliance or failure to maintain good practices. A pro-active approach that in the first instance avoids issues occurring is favoured.

The Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by Taranaki Trucking Ltd with conditions in resource consents or provisions in Regional Plans in relation to the Company's activities during the monitoring period.

## 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. It was noted that greenwaste was present at the site and the site operator was directed to not add it to the cleanfill tipface. There were no other issues noted during inspections and Council received no complaints.

### 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 Company's compliance record for the year under review is set out in Tables 29 and 30.

**Table 29** Summary of performance for consent 5561-1 To discharge of cleanfill onto and into land

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Consent exercise in accordance with information supplied	Site specific monitoring programme – inspection	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme – inspection	Yes
3. No discharge of materials detailed in the consent	Site specific monitoring programme – inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
5. Discharge to land shall not result in contamination of surface water	Site specific monitoring programme – inspection	Yes

Condition requirement	Means of monitoring during period under review	Compliance achieved?
6. Silt retention structures shall be installed if required	Site specific monitoring programme – programme management	Yes
7. Stormwater control drains shall be installed if required	Site specific monitoring programme – programme management	Yes
8. Adopt best practice	Site specific monitoring programme – inspection	Yes
9. Upon completion the discharge site shall be contoured	Site specific monitoring programme – inspection	Yes
10. Review condition	A review was not necessary	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

**Table 30** Summary of performance for consent 6280-1 to culvert an unnamed tributary of the Waingongoro River

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. The consent shall be exercised in accordance with information supplied	Site specific monitoring programme – programme management	Yes
2. The consent holder shall adopt the best practicable option	N/A	N/A
3. The consent shall lapse if not exercised within 5 years of granting	Site specific monitoring programme – programme management	N/A
4. Notification of the commencement and completion of the project, and of any maintenance which may disturb the stream bed	N/A	Not installed
5. Ensure the culvert is free of debris	N/A	N/A
6. Remove the structures and reinstate the area when the structures are no longer needed	N/A	Not installed
7. Installation of the culvert shall cause minimum disturbance to the riverbed	N/A	N/A
8. Specifies the minimum diameter of the culvert	N/A	N/A
9. Optional review provision re environmental effects	A review was not necessary	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

During the monitoring period, Taranaki Trucking Company Limited demonstrated a high level of environmental performance and compliance with the resource consents. During the period under review there were no complaints received in regards of any environmental matter at the cleanfill site and there were no issues relating to dust or odour.

#### **13.4.4 Recommendation from the 2011-2012 Annual Report**

In the 2011-2012 Annual Report, it was recommended:

THAT monitoring of discharges from Taranaki Trucking Company Limited's cleanfill in the 2012-2013 year continue at the same level as in 2011-2012.

This recommendation was fully implemented.

#### **13.4.5 Alterations to the monitoring programme for 2013-2014**

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-2013 period.

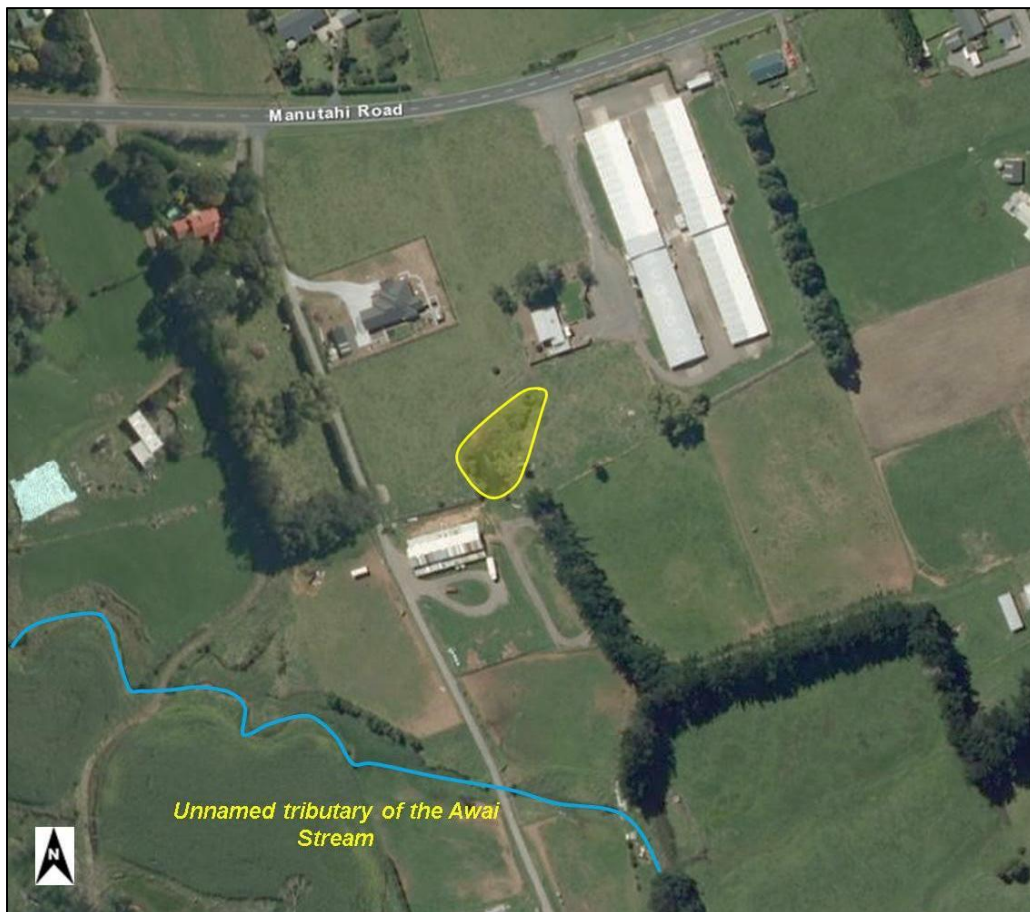
### **13.5 Recommendation**

THAT monitoring of discharges from Taranaki Trucking Company Limited's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.

## 14. V Rowe Family Trust & CG Bayliss Family Trust Partnership

### 14.1 Site description and activities

V Rowe Family Trust and CG Bayliss Family Trust holds consent 9411-1 to discharge cleanfill onto and into land (where contaminants may enter water). This consent was granted on 19 December 2012. The area to be filled is 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 downhill of the site. The consent holders intend to fill the gully to prevent stormwater (and or spring water) accumulating in the area. Filling materials are sourced from a local civil contractor.



**Figure 13** V Rowe Family Trust & CG Bayliss Family Trust Partnership Cleanfill site at Manutahi Road, Bell Block

## 14.2 Results

### 14.2.1 Inspection

V Rowe Family Trust & CG Bayliss Family Trust Partnership cleanfill was inspected on one occasion during the period under review. The findings of the inspection are summarised below.

**22 April 2013**

The gate was locked at the time of the inspection. Materials discharged consisted of concrete, clay, and soil. The site looked tidy and there were no issues noted.

**14.2.2 Results of receiving environment monitoring**

Discharge and/or receiving water samples have yet to be taken at this site. When flow paths are identified a sampling site will be established if required.

**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 e.g. provision of advice and information, or investigation of potential or actual courses of non-compliance or failure to maintain good practices. A pro-active approach that in the first instance avoids issues occurring is favoured.

The Taranaki Regional 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 Unauthorised Incident Register (UIR) 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 2012-2013 period, it was not necessary for the Council to undertake significant additional investigations and interventions, or record incidents, in association with non compliance by the consent holder with conditions in resource consents or provisions in Regional Plans in relation to the consent holder's activities during the monitoring period.

**14.4 Discussion****14.4.1 Discussion of site performance**

Inspections indicated that there was not much cleanfill activity at the site during the period under review. There were no issues noted during inspections and Council received no complaints.

**14.4.2 Environmental effects of exercise of consents**

No effects were noted during the inspection undertaken. Sampling will be undertaken once any discharges are observed.

### 14.4.3 Evaluation of performance

A tabular summary of the Company's compliance record for the year under review is set out in Table 31.

**Table 31** Summary of performance for consent 9411-11 To discharge of cleanfill onto and into land (where it may enter water).

Condition requirement	Means of monitoring during period under review	Compliance achieved?
1. Discharge only to occur in the specified area	Site specific monitoring programme – inspection	Yes
2. Only discharge cleanfill and/or inert materials	Site specific monitoring programme – inspection	Yes
3. No discharge of materials detailed in the consent	Site specific monitoring programme – inspection	Yes
4. If the acceptability of a substance is uncertain, obtain approval from the Council	Site specific monitoring programme – programme management	No approval sought or necessary
5. Diversion and management of spring water	Site specific monitoring programme – inspection	Yes
6. Silt retention structures shall be installed if required	Site specific monitoring programme – programme management	Yes
7. Stormwater control drains shall be installed if required	Site specific monitoring programme – programme management	Yes
8. Adopt best practice	Site specific monitoring programme – inspection	Yes
9. Upon completion the discharge site shall be contoured	Site specific monitoring programme – inspection	Yes
10. Review condition	N/A	N/A
Overall assessment of consent compliance and environment performance in respect of this consent		<b>High</b>

N/A = not applicable

During the monitoring period, V Rowe Trust and CG Bayliss Family Trust demonstrated a high level of environmental performance and compliance with the resource consents. During the period under review there were no complaints received in regards of any environmental matter at the cleanfill site and there were no issues relating to dust or odour.

### 14.4.4 Recommendation from the 2011-2012 Annual Report

The monitoring programme for the V Rowe Trust and CG Bayliss Family Trust was implemented for the first time during the 2012-2013 period and subsequently there were no recommendations from the 2011-2012 report.

#### **14.4.5 Alterations to the monitoring programme for 2013-2014**

In designing and implementing the monitoring programmes for air/water discharges in the region, the Taranaki Regional Council has taken into account the extent of information made available by previous authorities, its relevance under the Resource Management Act, the obligations of the Act in terms of monitoring emissions/discharges and effects, and subsequently reporting to the regional community, 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/discharging to the environment.

It is proposed that for 2013-2014, monitoring continue at the same level as that of the 2012-2013 period.

#### **14.5 Recommendation**

THAT monitoring of discharges from the V Rowe Trust and CG Bayliss Family Trust cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.

## 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 Limited's cleanfill in the 2013-2014 year continue at the same level as that undertaken in the 2012-2013 period
2. THAT monitoring of discharges from Bishop's cleanfill on Ahu Ahu Road in the 2013-2014 year continue at the same level as in 2012-2013.
3. THAT monitoring of discharges from Downer EDI Limited's Veale Rd cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
4. THAT monitoring of discharges from Downer EDI Limited's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
5. THAT monitoring of discharges from EE Riddick's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
6. THAT monitoring of discharges from Gas and Plumbing Ltd.'s cleanfill in the 2013-2014 period remain the same as was implemented in the 2012-2013 period.
7. THAT the option for a review of resource consent 7165-1 in June 2014, as set out in condition 9 of the consent not be exercised, on the grounds that the current conditions are adequate to deal with any adverse environmental effects that may arise from the exercise of the consent.
8. THAT monitoring of discharges from Graham Harris [2000] Limited cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
9. THAT the option for a review of resource consent 6771-1 in June 2014, as set out in condition 13 of the consent not be exercised, on the grounds that the current conditions are adequate to deal with any adverse environmental effects that may arise from the exercise of the consent.
10. THAT monitoring of discharges from Gilray Partnership's cleanfill be discontinued.
11. That for 2013-2014 the monitoring of Inframax Construction Ltd's cleanfill continue at the same level as that undertaken in the 2012-2013.
12. THAT monitoring of discharges from JW & TC Bailey Limited's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
13. THAT the option for a review of resource consents 4999-3, 5824-2, 5825-2 and 5826- in June 2014, as set out in consent conditions, not be exercised, on the grounds that the current conditions are adequate to deal with any adverse environmental effects that may arise from the exercise of the consents.



14. THAT monitoring of the discharges at the M Collis cleanfill is discontinued as consent 7617-1 has now been surrendered.
15. THAT monitoring of discharges from Taranaki Trucking Company Limited's cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.
16. THAT monitoring of discharges from the V Rowe Trust and CG Bayliss Family Trust cleanfill in the 2013-2014 year continue at the same level as in 2012-2013.

## Glossary of common terms and abbreviations

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

Al*	aluminium
As*	arsenic
Biomonitoring	assessing the health of the environment using aquatic organisms
BOD	biochemical oxygen demand. A measure of the presence of degradable organic matter, taking into account the biological conversion of ammonia to nitrate
BODF	biochemical oxygen demand of a filtered sample
bund	a wall around a tank to contain its contents in the case of a leak
CBOD	carbonaceous biochemical oxygen demand. A measure of the presence of degradable organic matter, excluding the biological conversion of ammonia to nitrate
cfu	colony forming units. A measure of the concentration of bacteria usually expressed as per 100 millilitre sample
COD	chemical oxygen demand. A measure of the oxygen required to oxidise all matter in a sample by chemical reaction.
Condy	Conductivity, an indication of the level of dissolved salts in a sample, usually measured at 20°C and expressed in mS/m
Cu*	copper
DO	dissolved oxygen
DRP	dissolved reactive phosphorus
E.coli	Escherichia coli, an indicator of the possible presence of faecal material and pathological micro-organisms. Usually expressed as colony forming units per 100 millilitre sample
Ent	Enterococci, an indicator of the possible presence of faecal material and pathological micro-organisms. Usually expressed as colony forming units per 100 millilitre of sample
F	Fluoride
FC	Faecal coliforms, an indicator of the possible presence of faecal material and pathological micro-organisms. Usually expressed as colony forming units per 100 millilitre sample
fresh	elevated flow in a stream, such as after heavy rainfall
g/m <sup>3</sup>	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
l/s	litres per second

l/s	litres per second
MCI	macroinvertebrate community index; a numerical indication of the state of biological life in a stream that takes into account the sensitivity of the taxa present to organic pollution in stony habitats
mS/m	millisiemens per metre
mixing zone	the zone below a discharge point where the discharge is not fully mixed with the receiving environment. For a stream, conventionally taken as a length equivalent to 7 times the width of the stream at the discharge point.
NH <sub>4</sub>	ammonium, normally expressed in terms of the mass of nitrogen (N)
NH <sub>3</sub>	unionised ammonia, normally expressed in terms of the mass of nitrogen (N)
NO <sub>3</sub>	nitrate, normally expressed in terms of the mass of nitrogen (N)
NTU	Nephelometric Turbidity Unit, a measure of the turbidity of water
O&G	oil and grease, defined as anything that will dissolve into a particular organic solvent (e.g. hexane). May include both animal material (fats) and mineral matter (hydrocarbons)
Pb*	lead
pH	a numerical system for measuring acidity in solutions, with 7 as neutral. Numbers lower than 7 are increasingly acidic and higher than 7 are increasingly alkaline. The scale is logarithmic i.e. a change of 1 represents a ten-fold change in strength. For example, a pH of 4 is ten times more acidic than a pH of 5.
Physicochemical	measurement of both physical properties(e.g. temperature, clarity, density) and chemical determinants ( e.g. metals and nutrients) to characterise the state of an environment
PM <sub>10</sub>	relatively fine airborne particles (less than 10 micrometre diameter)
resource consent	refer Section 87 of the RMA. Resource consents include land use consents (refer Sections 9 and 13 of the RMA), coastal permits (Sections 12, 14 and 15), water permits (Section 14) and discharge permits (Section 15)
RMA	Resource Management Act 1991 and subsequent amendments
SS	suspended solids,
Temp	temperature, measured in °C (degrees Celsius)
Turb	turbidity, expressed in NTU
UI	Unauthorised Incident
UIR	Unauthorised Incident Register – contains a list of events recorded by the Council on the basis that they may have the potential or actual environmental consequences that may represent a breach of a consent or provision in a Regional Plan
Zn*	zinc

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

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

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- 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
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- Australian and New Zealand Environment and Conservation Council (2000): 'Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000'.
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- Taranaki Regional Council (2004): 'E Riddick, J&C Bailey, Graham Harris [2000] Ltd, Inframax Construction Ltd, AA Contraction, Works Infrastructure Ltd, G Allen Ltd, 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
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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



## **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**

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: AA Contracting  
68 Henwood Road  
R D 2  
NEW PLYMOUTH

Change To  
Conditions Date:  25 February 2005 [Granted: 11 September 1997]


**Conditions of Consent**

Consent Granted: 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 at or about GR: P19:085-395

Expiry Date: 1 June 2014

Review Date(s): June 2002, June 2008

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 

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

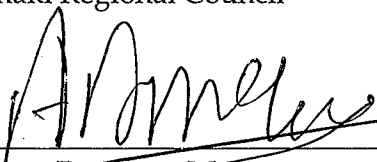


- 1. The consent holder shall at all times adopt the best practicable option, as defined in section 2 of the Resource Management Act 1991, to prevent or minimise any adverse effects on the environment from the exercise of this consent.
- 2. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of applications 2569 and 097. In the case of any contradiction between the documentation submitted in support of applications 2569 and 097 and the conditions of this consent, the conditions of this consent shall prevail.
- 3. 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 riverbed or discharges to water.
- 4. The consent holder shall ensure that the area and volume of riverbed disturbance shall, so far as practicable, be minimised and any areas which are disturbed shall, so far as practicable, be reinstated.
- 5. The invert level of the culvert, along the entire length of the culvert, shall, so far as practicable, match the existing gradient of the riverbed.
- 6. The structure[s] which are the subject of this consent shall not obstruct fish passage.
- 7. The structure[s] which are the subject of this consent shall not cause erosion of the river channel, and measures shall be taken by the consent holder to prevent erosion of the river channel.
- 8. Any instream works shall take place only between 1 November and 30 April inclusive, except where this requirement is waived in writing by the Chief Executive, Taranaki Regional Council.

9. After allowing for reasonable mixing, being a mixing zone extending seven times the width of the surface water body at the point of discharge, the discharge shall not give rise to any of the following effects in any surface water body:
  - a) the production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
  - b) any conspicuous change in the colour or visual clarity;
  - c) any emission of objectionable odour;
  - d) the rendering of fresh water unsuitable for consumption by farm animals;
  - e) any significant adverse effects on aquatic life.
10. The consent holder shall prepare and maintain a site erosion and sediment control management plan for the site and associated activities on the site, to the satisfaction of the Chief Executive, Taranaki Regional Council.
11. 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.
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.
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 2002 and/or June 2008, 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 25 February 2005

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  
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[www.trc.govt.nz](http://www.trc.govt.nz)

Please quote our file number  
on all correspondence

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

Review Completed      27 August 2008      [Granted: 11 September 1997]  
Date:

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto a land reclamation site at or  
about (NZTM) 1698511E-5677750N

Expiry Date: 1 June 2014

Site Location: 68 Henwood Road, Bell Block, New Plymouth

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

Catchment: Waiwhakaiho

Tributary: Mangaone

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

### **General conditions**

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

### **Special conditions**

#### **Conditions 1 to 3 [changed]**

- 1. The exercise of this consent shall be undertaken in accordance with the documentation submitted in support of applications 098, 2019 & 2568, but subject to the conditions of this consent. In the case of any contradiction between the documentation submitted in support of applications 098, 2019 & 2568 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 Chief Executive, Taranaki Regional Council, prior to its discharge.

**Condition 5 [changed]**

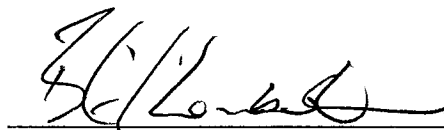
5. The discharge to land shall not result in any contaminant entering surface water or groundwater.

**Conditions 6 to 9 [unchanged]**

6. The consent holder shall, within three months of the commencement of this consent, provide an Erosion and Sediment Control Plan for the site to the satisfaction of the Chief Executive, Taranaki Regional Council. The Erosion and Sediment Control Plan shall be updated at not greater than three yearly intervals, 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 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 to the satisfaction of the Chief Executive, Taranaki Regional Council.
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 2006 and/or June 2008, 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  
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[www.trc.govt.nz](http://www.trc.govt.nz)

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: BJ & LB Bishop  
132 Ahuahu Road  
R D 4  
NEW PLYMOUTH



Review Completed Date: 29 June 2007 [Granted: 10 October 2001]

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land for land improvement purposes at or about GR: P19:906-291

Expiry Date: 1 June 2013

Review Date(s): June 2003, June 2007

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

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

[www.trc.govt.nz](http://www.trc.govt.nz)

Doc# 318348-v1

*Working with people • Caring for our environment*

### **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 and 2 – changed**

- 1. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of application 1532, but subject to the conditions of this consent. In the case of any contradiction between the documentation submitted in support of application 1532 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 and 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.

#### **Conditions 3 and 4 – unchanged**

- 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.

Consent 5877-1

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 10 – unchanged**

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 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 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.
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 2003 and/or June 2007, 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 29 June 2007

For and on behalf of  
Taranaki Regional Council

  
\_\_\_\_\_  
Director-Resource Management





**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



CHIEF EXECUTIVE  
PRIVATE BAG 713  
47 CLOTEN ROAD  
STRATFORD  
NEW ZEALAND  
PHONE: 06-765 7127  
FAX: 06-765 5097  
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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: Downer EDI Works Limited  
P O Box 272  
NEW PLYMOUTH

Review Completed 27 August 2008 [Granted: 18 November 1997]  
Date:

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land for land  
improvement purposes at or about (NZTM)  
1692717E-5671747N

Expiry Date: 1 June 2014

Review Date(s): June 2002, June 2008

Site Location: 82 Veale Road, New Plymouth

Legal Description: Lot 1 DP 12685 Pt Sec 495 Grey Dist Blk IX Paritutu SD

Catchment: Huatoki

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

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Doc# 587184-v1

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### **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 applications 150, 2025 & 2692, but subject to the conditions of this consent. In the case of any contradiction between the documentation submitted in support of applications 150, 2025 & 2692 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]**

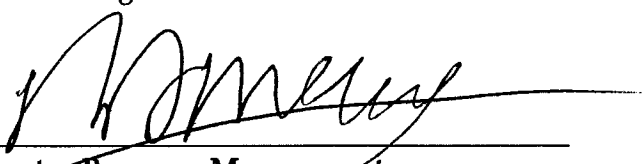
5. The discharge to land shall not result in any contaminant entering surface water or groundwater.

**Conditions 6 to 10 [unchanged]**

6. Silt retention structures shall be installed 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 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 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.
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 2008, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Transferred at Stratford on 23 March 2009

For and on behalf of  
Taranaki Regional Council

  
\_\_\_\_\_  
Director-Resource Management





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



Change To  
Conditions Date: 26 August 2009 [Granted: 11 October 2006]

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land at or about  
(NZTM) 1713092E-5615225N

Expiry Date: 1 June 2022

Review Date(s): June 2010, June 2016

Site Location: 461A & 421 South Road, Hawera

Legal Description: Pt Sec 543 Patea Dist &  
Lot 2 DP 13805 Blk X Hawera SD

Catchment: Tangahoe

Tributary: Tawhiti

### **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**

#### **Condition 1 [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.

#### **Condition 2 [changed]**

- 2. The exercise of this consent shall be undertaken generally in accordance with the documentation submitted in support of applications 4367 and 6310. In the case of any contradiction between the documentation submitted in support of applications 4367 and 6310 and the conditions of this consent, the conditions of this consent shall prevail.

#### **Conditions 3 – 5 [unchanged]**

- 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 & 1] 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 6964-1

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.

### Conditions 6 and 7 [new]

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.
7. A maximum volume of 350 cubic metres of dried silt can be applied to the cleanfill site per year.

### Conditions 8 to 14 [unchanged- formerly conditions 6-12]


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. 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.
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.
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 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.

Consent 6964-1

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

Signed at Stratford on 26 August 2009

For and on behalf of  
Taranaki Regional Council



Director-Resource Management



CHIEF EXECUTIVE  
PRIVATE BAG 713  
47 CLOTEN ROAD  
STRATFORD  
NEW ZEALAND  
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FAX: 06-765 5097  
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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: Edward Elliott Riddick  
518 Carrington Road  
NEW PLYMOUTH



Review Completed 21 August 2008 [Granted: 3 April 2002]  
Date:

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land at or about  
(NZTM) 1693899E-5671693N

Expiry Date: 1 June 2014

Site Location: 494 & 496 Carrington Road, New Plymouth

Legal Description: Lot 2 DP 15138 & Lot 1 DP 17695 Blk IX Paritutu SD

Catchment: Huatoki

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

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Doc# 500100-v1

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### 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 1651, but subject to the conditions of this consent. In the case of any contradiction between the documentation submitted in support of application 1651 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 Chief Executive, 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 10 [unchanged]**

6. Silt retention structures shall be installed to the satisfaction of the Chief Executive, Taranaki Regional Council.
7. The consent holder shall maintain stormwater diversion drains, silt ponds, and/or ground contours at the site, in order to minimise stormwater movement across, or ponding on the site.
8. 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.
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.
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 2008, 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 21 August 2008

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: 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.

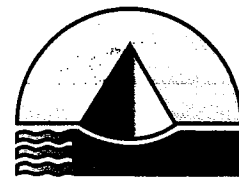
Signed at Stratford on 12 October 2007

For and on behalf of  
Taranaki Regional Council

---

**Director-Resource Management**





**TARANAKI  
REGIONAL  
COUNCIL**

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

*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**

**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.



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.

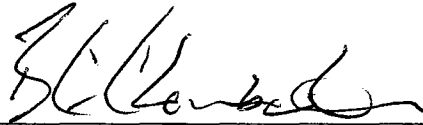
**Conditions 7 to 13 [unchanged]**

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.

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

A handwritten signature in black ink, appearing to read 'S. L. Campbell', is written over a horizontal line.

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:      Gilray Partnership  
                                 WP & KA Myers  
                                 10 Burnside Avenue  
                                 HAWERA

Consent Granted      14 July 2008  
Date:

**Conditions of Consent**

Consent Granted:      To discharge cleanfill onto and into land in the vicinity of an  
                                 unnamed tributary of the Waihi Stream at or about (NZTM)  
                                 1708517E-5617756N

Expiry Date:            1 June 2023

Review Date(s):        June 2011, June 2017

Site Location:           10 Burnside Ave, Hawera

Legal Description:      Lot 1 DP 20204 Blk IX Hawera SD

Catchment:              Waihi

### **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 [appendix one].
- 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, roading seal/bitumen recovered from existing roading pavements (excluding any freshly prepared roading cover material) 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.

## Consent 7289-1

5. Silt retention structures shall be installed and maintained at the toe of the cleanfill discharge area to minimise silt and sediment discharge into the unnamed tributary of the Waihi Stream. 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.
6. 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.
7. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and revegetated.
8. This consent shall lapse 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.
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 2011 and/or June 2017, for the purpose of ensuring that the conditions are adequate to deal with any adverse effects on the environment arising from the exercise of this resource consent, which were either not foreseen at the time the application was considered or which it was not appropriate to deal with at the time.

Signed at Stratford on 14 July 2008

For and on behalf of  
Taranaki Regional Council

---

**Director-Resource Management**

**Appendix One**



Consent 7289: fill area





**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  
[www.trc.govt.nz](http://www.trc.govt.nz)

Please quote our file number  
on all correspondence

Name of  
Consent Holder:      Inframax Construction Limited  
Private Bag 2063  
NEW PLYMOUTH

Review Completed      27 August 2008      [Granted: 17 September 1997]  
Date:

**Conditions of Consent**

Consent Granted:      To discharge up to 7,500 cubic metres of cleanfill onto land  
in the vicinity of an unnamed tributary of the Mangaone  
Stream in the Waiwhakaiho catchment at or about (NZTM)  
1697612E-5676850N

Expiry Date:          1 June 2014

Site Location:          Intersection Egmont Road / Bishop Road, New Plymouth  
[Property owner: B & E Sinton]

Legal Description:      Sec 1 DP 5999 Blk VI Paritutu SD

Catchment:            Waiwhakaiho

Tributary:              Mangaone

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



**General conditions**

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

**Special conditions**

**Conditions 1 to 2 [changed]**

- 1. 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 2 & 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.
- 2. 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 1), 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 1, 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.

**Conditions 3 to 4 [unchanged]**

- 3. 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.
- 4. No cleanfill material shall be discharged within 5 metres of the unnamed tributary of the Mangaone Stream.

**Condition 5 [changed]**

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

**Conditions 6 to 7 [unchanged]**

6. 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.
7. 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.

**Condition 8 [changed]**

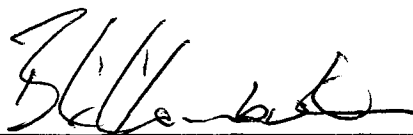
8. The exercise of this consent shall be undertaken in accordance with the documentation submitted in support of applications 114 & 2021, but subject to the conditions of this consent. In the case of any contradiction between the documentation submitted in support of applications 114 & 2021 and the conditions of this consent, the conditions of this consent shall prevail.

**Condition 9 [unchanged]**

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, 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





**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: J W & C T Bailey Limited  
33 Saxton Road  
R D 1  
NEW PLYMOUTH

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



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: J W & C T Bailey Limited  
33 Saxton Road  
R D 1  
NEW PLYMOUTH

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

## 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.

Consent 5824-2

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**







**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  
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NEW ZEALAND  
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FAX: 06-765 5097  
[www.trc.govt.nz](http://www.trc.govt.nz)

Please quote our file number  
on all correspondence

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

*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

#### 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





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

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

## Consent 5826-2

### 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 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**

CHIEF EXECUTIVE  
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FAX: 06-765 5097  
[www.trc.govt.nz](http://www.trc.govt.nz)

Please quote our file number  
on all correspondence

Name of  
Consent Holder: Michelle Lee Collis  
239 Manutahi Road  
R D 2  
NEW PLYMOUTH 4372

Consent Granted  
Date: 29 March 2010

**Conditions of Consent**

Consent Granted: To discharge cleanfill onto and into land at or about  
(NZTM) 1701995E-5675078N

Expiry Date: 1 June 2026

Review Date(s): June 2014, June 2020

Site Location: Manutahi Road, Bell Block

Legal Description: Lot 2 DP 354995

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 Council all the administration, monitoring and supervision costs of this consent, fixed in accordance to section 36 of the Resource Management Act

### Special conditions

1. 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.
2. 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 1), 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 1, 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.
3. 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.
4. 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.
5. The exercise of this consent shall not result in contaminants entering water.
6. The consent holder shall install and maintain stormwater diversion drains to minimise stormwater entering the cleanfill discharge area.
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. Upon completion of the cleanfill discharge authorised by this consent, the discharge site shall be stabilised and re-vegetated.

Consent 7617-1

9. This consent shall lapse on 31<sup>st</sup> March 2010, 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.
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 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 29 March 2010

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

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**Director-Resource Management**



Area authorised for filling



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:	Taranaki Trucking Company Limited Cardiff Road R D 21 STRATFORD	New Address:  P O Box 65 Stratford 4352
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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





CHIEF EXECUTIVE  
PRIVATE BAG 713  
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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~~

