

Consents and Regulatory Committee

Tuesday 14 March 2017

9.30am

Taranaki Regional Council, Stratford



Agenda for the meeting of the Consents and Regulatory Committee to be held in the Taranaki Regional Council chambers, 47 Cloten Road, Stratford, on Tuesday 14 March 2017 commencing at 9.30am.

Members	Councillor M P Joyce	(Committee Chairperson)
	Councillor M J Cloke	
	Councillor C L Littlewood	
	Councillor M J McDonald	
	Councillor B K Raine	
	Councillor N W Walker	
	Councillor D L Lean	(ex officio)
	Councillor D N MacLeod	(ex officio)

Apologies Councillor M G Davey

Notification of Late Items

Item	Page	Subject
Item 1	3	Confirmation of Minutes
Item 2	9	Resource consents issued under delegated authority and applications in progress
Item 3	25	Appointment of Hearing Committee - Jimian Limited
Item 4	27	Consent monitoring annual reports
Item 5	68	Incident Register - 13 January 2017 to 19 February 2017

Agenda Memorandum

Date 14 March 2017



**Memorandum to
Chairperson and Members
Consents and Regulatory Committee**

**Subject: Confirmation of Minutes – 31 January
2017**

Approved by: G K Bedford, Director-Environment Quality
B G Chamberlain, Chief Executive

Document: 1831611

Resolve

That the Consents and Regulatory Committee of the Taranaki Regional Council:

1. takes as read and confirms the minutes of the Consents and Regulatory Committee meeting of the Taranaki Regional Council held in the Taranaki Regional Council chambers, 47 Cloten Road, Stratford, on Tuesday 31 January 2017 at 9.30am
2. notes the recommendations therein were adopted by the Taranaki Regional Council on 20 February 2017.

Matters arising

Appendices

Document #1811975 –Minutes Consents and Regulatory Committee Tuesday 31 January 2017

Minutes of the Consents and Regulatory Committee Meeting of the Taranaki Regional Council, held in the Taranaki Regional Council Chambers, 47 Cloten Road, Stratford, on Tuesday 31 January 2017 at 9.30am.



Members	Councillors	M P Joyce	(Committee Chairperson)	
		M J Cloke		
		M G Davey		
		C L Littlewood		
		M J McDonald		
		B K Raine		
		N W Walker		
		D L Lean	(ex officio)	
		D N MacLeod	(ex officio)	
Attending	Messrs	G K Bedford	(Director-Environment Quality)	
		A D McLay	(Director-Resource Management)	
		M J Nield	(Director-Corporate Services)	
		C H McLellan	(Consents Manager)	
		B E Pope	(Compliance Manager)	
		R Phipps	(Science Manager)	
		S Tamarapa	(Iwi Communications Officer)	
		Mrs	V McKay	(Science Manager)
		Ms	H Meintjes	(Science Manager)
		Mrs	K van Gameren	(Committee Administrator)
		Mr	P Ledingham	(Communications Officer)
Mr	R Ritchie	(Communications Manager)		
Mr	B Jansma	(Scientific Officer)		

One Member of the media.

Apologies There were no apologies.

Notification of Late Items There were no late items of general business.

1. Confirmation of Minutes - 22 November 2016

Resolved

THAT the Consents and Regulatory Committee of the Taranaki Regional Council

1. takes as read and confirms the minutes of the Consents and Regulatory Committee meeting of the Taranaki Regional Council held in the Taranaki Regional Council chambers, 47 Cloten Road, Stratford, on Tuesday 22 November 2016 at 10.30am
2. notes that the recommendations therein were adopted by the Taranaki Regional Council on 13 December 2016.

Lean/Cloke

Matters Arising

There were no matters arising.

2. Resource consents issued under delegated authority and applications in progress

- 2.1 The Committee considered and discussed the memorandum advising of consents granted, consents under application and of consent processing actions since the last meeting of the Committee.

Recommended

THAT the Taranaki Regional Council

1. receives the schedule of resource consents granted and other consent processing actions, made under delegated authority

McDonald/Littlewood

3. Consent monitoring annual reports

Councillor M G Davey declared an interest in Item 3 (Consent monitoring annual reports) in relation to Ravensdown Fertiliser Co-op Limited and took no part in the discussions or deliberations.

- 3.1 Mr R Phipps, Science Manager, spoke to the memorandum and answered questions concerning 21 tailored compliance monitoring reports covering the monitoring periods 2014-2016, and provided an overview on environmental performance and consent compliance for each report.
- 3.2 The Committee noted the 2015-2016 Renewable Power Limited Normanby HEP Annual Report and the poor attitude to compliance. Members expressed concern about the Company's performance that had resulted in the high number of abatement and infringement notices issued for the reporting period. The Committee supported the Council taking appropriate enforcement.

Recommended

THAT the Taranaki Regional Council

1. receives the 16-49 Hydro Combined Irrigation Water Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
2. receives the 16-26 Todd McKee Production Station and Power Plant Annual Report 2015-2016 and adopts the specific recommendations therein
3. receives the 16-95 DH Lepper Trust Piggery Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
4. receives the 16-19 Greymouth Petroleum Turangi Production Station Annual Report 2015-2016 and adopts the specific recommendations therein
5. receives the 16-79 Hickman JD Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
6. receives the 16-58 Greymouth Petroleum Limited Deep Well Injection Annual Monitoring Report 2015-2016 and adopts the specific recommendations therein
7. receives the 16-50 Methanex Motunui and Waitara Valley Combined Annual Monitoring Report 2015-2016 and adopts the specific recommendations therein
8. receives the 16-12 Lower Waiwhakaiho Air Discharges Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
9. receives the 16-59 NZEC Petroleum Limited DWI Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
10. receives the 16-67 Malandra Downs Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
11. receives the 16-6 Renewable Power Ltd Normanby HEP Scheme Annual Report 2015-2016 and adopts the specific recommendations therein
12. receives the 16-7 Opunake Power Limited Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
13. receives the 16-23 SENZL Pohokura Production Station Annual Report 2015-2016 and adopts the specific recommendations therein
14. receives the 16-37 Combined Regional Quarry Monitoring Programme Biennial Report Group B 2014-2016 and adopts the specific recommendations therein
15. receives the 16-60 Origin Energy Resources Ltd DWI Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
16. receives the 16-92 WRS Symes Manawapou Landfarm Monitoring Programme Annual Report 2015-2016a and adopts the specific recommendations therein
17. receives the 16-113 Greymouth Petroleum Limited Kaimiro-A HF Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein

18. receives the 16-29 STDC Eltham Wastewater Treatment Plant Annual Monitoring Programme 2015-2016 and adopts the specific recommendations therein
19. receives the 16-61 STOS DWI Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
20. receives the 16-86 BTW Company Ltd Oeo Landfarm Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
21. receives the 16-63 Taranaki Thoroughbred Racing Abstraction Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein.

Raine/Littlewood

4. Incident Register – 1 November 2016 to 12 January 2017

Councillor D N MacLeod declared an interest in Item 4 (Incident Register 1 November 2016 to 12 January 2017) in relation to Fonterra Co-operative Group Limited and took no part in the discussions or deliberations.

- 4.1 The Committee received and noted the summary of the Council's Incident Register for the period 1 November 2016 to 12 January 2017.
- 4.2 Mr B E Pope, Compliance Manager, provided an overview to the Committee on the reported incidents and answered questions concerning officer assessments of the incidents.

Recommended

THAT the Taranaki Regional Council

1. receives the memorandum
2. receives the summary of the Incident Register for the period from 1 November 2016 to 12 January 2017, notes the action taken by staff and adopts the recommendations therein.

Cloke/Littlewood

There being no further business, the Committee Chairperson Councillor M P Joyce, declared the Consents and Regulatory Committee meeting closed at 9.55am.

Confirmed

Chairperson

_____ **M P Joyce**

Date

14 March 2017

Agenda Memorandum

Date 14 March 2017



**Memorandum to
Chairperson and Members
Consents and Regulatory Committee**

**Subject: Resource consents issued under
delegated authority and applications in
progress**

Approved by: A D McLay, Director – Resource Management
B G Chamberlain, Chief Executive

Document: 1829147

Purpose

The purpose of this memorandum is to advise the Committee of consents granted, consents under application and of consent processing actions since the last meeting. This information is summarised in figures at the end of this report.

Executive summary

Memorandum to advise the Committee of recent consenting actions made under regional plans and the Resource Management Act, in accordance with Council procedures and delegations.

Recommendation

That the Taranaki Regional Council:

1. receives the schedule of resource consents granted and other consent processing actions, made under delegated authority.

Background

The following resource consent applications have been investigated by officers of the Taranaki Regional Council. They are activities with less than minor adverse effects on the environment or minor effects and affected parties have agreed to the activity. In accordance with sections 104 to 108 and section 139 of the Resource Management Act 1991, and pursuant to delegated authority to make decisions on consent applications, the Chief Executive or the Director – Resource Management has granted the consents/certificates of compliance.

The exercise of delegations under the Resource Management Act 1991 is reported for Committee Members' information. Under the delegations manual, consent processing actions are to be reported to the Consents and Regulatory Committee.

The attached appendices (consent applications in progress) show the total number of applications in the consent processing system over the last twelve months. The number of applications for the renewal of resource consents is also shown. The difference between the two is the number of new applications, including applications for a change of conditions. New applications take priority over renewal applications. Renewal applications are generally put on hold, with the agreement of the applicant, and processed when staff resources allow. A consent holder can continue to operate under a consent that is subject to renewal. The above approach is pragmatic and ensures there are no regulatory impediments to new activities requiring authorisation.

Also attached are the following:

- Applications in progress table - the number of applications in progress at the end of each month (broken down into total applications and the number of renewals in progress) for this year and the previous two years.
- Consents issued table - the number of consents issued at the end of each month for this year and the previous two years.
- Potential hearings spreadsheet outlining the current status of limited/notified applications where hearing committees have been appointed.
- Breakdown of consents issued. This is the number of consents issued broken down by purpose – new, renewals, changes or review.
- Types of consents issued, further broken down into notification types – non-notified, limited notified or public notified.
- Public and iwi involvement in non-notified consents. This assessment excludes routine farm dairy discharges as generally affected party approval and iwi consultation is not required for these.
- Application processing time extensions used compared to the previous years.
- Consent type process shows the notification type including applications submitted on and the pre-hearing resolution numbers.

Discussion

Part 6 (Planning, decision-making and accountability) of the Local Government Act 2002 has been considered and documented in the preparation of this agenda item. The recommendations made in this item comply with the decision-making obligations of the Act.

Decision-making considerations

Part 6 (Planning, decision-making and accountability) of the *Local Government Act 2002* has been considered and documented in the preparation of this agenda item. The recommendations made in this item comply with the decision-making obligations of the Act.

Financial considerations—LTP/Annual plan

This memorandum and the associated recommendations are consistent with the Council's adopted Long-Term Plan and estimates. Any financial information included in this memorandum has been prepared in accordance with generally accepted accounting practice.

Policy considerations

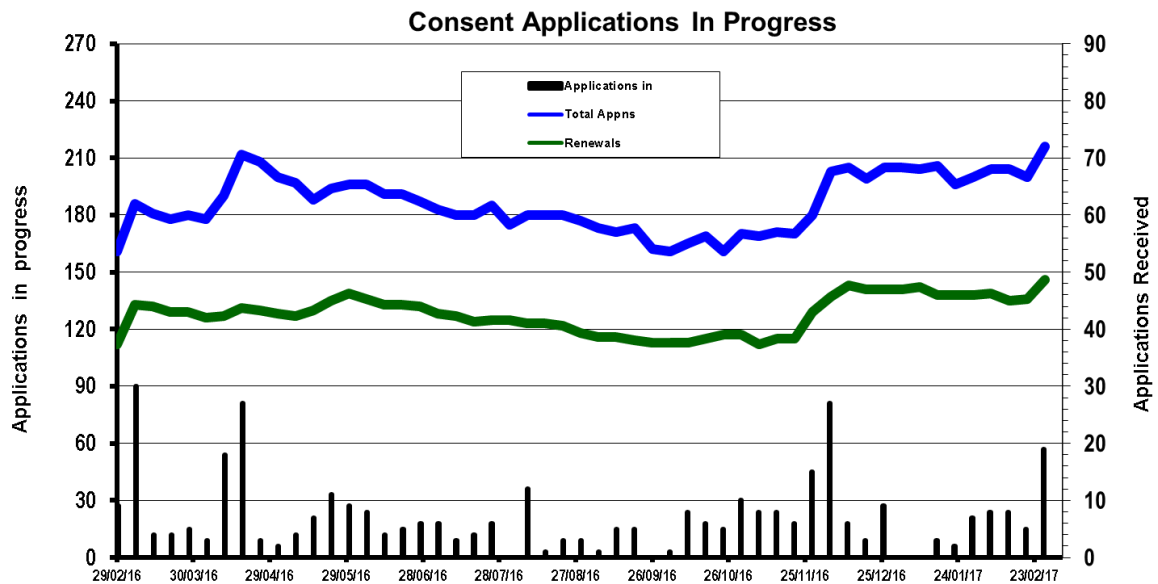
This memorandum and the associated recommendations are consistent with the policy documents and positions adopted by this Council under various legislative frameworks including, but not restricted to, the *Local Government Act 2002*, the *Resource Management Act 1991* and the *Biosecurity Act 1993*.

Legal considerations

This memorandum and the associated recommendations comply with the appropriate statutory requirements imposed upon the Council.

Appendices/Attachments

List of non-notified consents (document #1829138)
Schedule of non-notified consents (document #1829114)
Consents processing charts for Agenda (document #1829510)



Applications in progress

Month Ending

	July		Aug		Sept		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		
	Total	R	Total	R	Total	R	Total	R	Total	R	Total	R	Total	R	Total	R	Total	R	Total	R	Total	R	Total	R	
2016/2017	175	125	175	118	161	113	169	117	179	129	204	143	200	138	226	160									
2015/2016	206	129	183	125	178	116	173	114	169	117	181	121	186	125	169	120	178	126	200	128	194	135	180	128	
2014/2015	181	117	167	107	175	99	160	88	181	116	183	120	182	118	254	171	229	187	225	167	216	148	208	141	

R = Renewals

Potential Hearings

Applicant	Description	Notification date	Status	Date Issued
Fonterra Ltd & South Taranaki District Council	X 8 renewal applications for Whareroa plant and outfall	30/01/2016	Pre-hearing process underway	
Jimian Limited	To take water from the Kohi Stream for pasture irrigation - renewal	22/03/2016	Hearing Committee to be appointed	

Consents Issued (running totals)

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
2016-2017	18	36	57	76	104	122	138	161				
2015-2016	35	64	104	133	171	187	204	257	282	307	340	382
2014/2015	41	80	106	154	184	212	235	262	312	332	366	400

Breakdown of consents issued

	New	Renewal	Change	Review	Totals
2014-2015 Total	164	133	98	5	400
2015-2016 Total	156	124	92	10	382
2016-2017 YTD	82	39	40	0	161

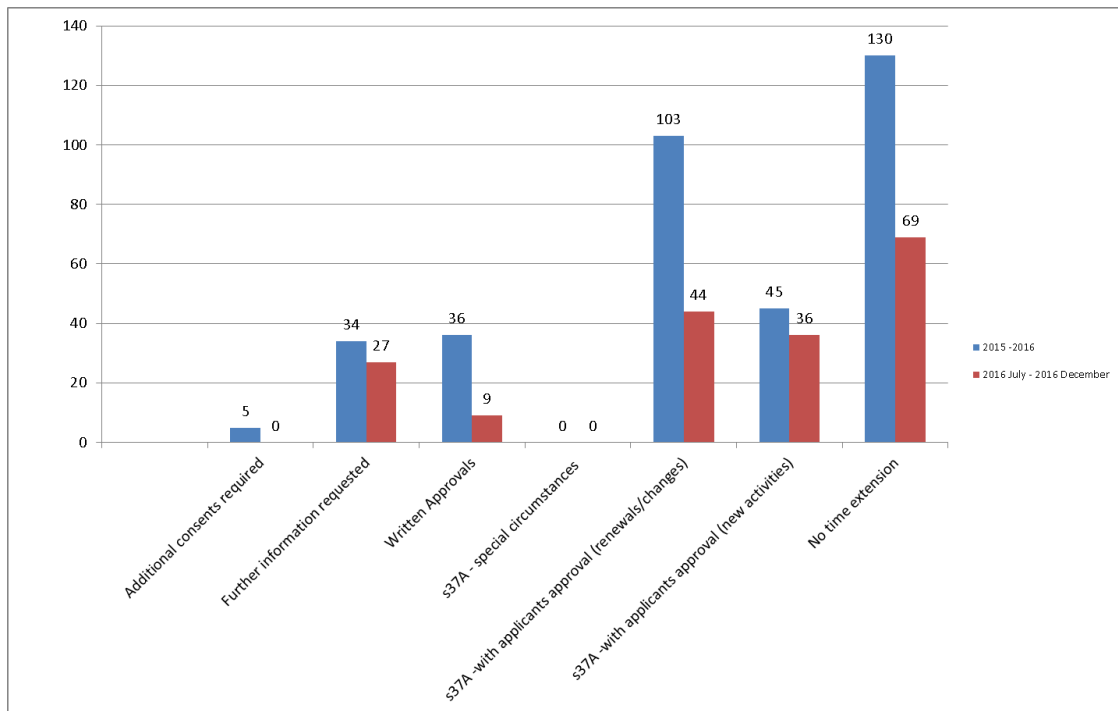
Types of consents issued - year to date comparison

	Publicly Notified					Total publicly notified	Limited					Total Limited Notified	Non Notified					Total Non-notified	Grand Total			
	Local Authority	Dairy Farm	Poultry Farm	Oil & Gas	Other		%	Local Authority	Dairy Farm	Poultry Farm	Oil & Gas		Other	%	Local Authority	Dairy Farm	Poultry Farm			Oil & Gas	Other	%
July 2014 to June 2015	0	0	0	0	1	0.3%	1	1	3	4	3	2.8%	11	35	151	26	86	90	97.0%	388	400	
July 2015 to June 2016	0	0	0	0	0	0.0%	0	2	2	0	0	7	3.2%	11	55	82	20	71	101	96.8%	329	340
July 2016 to Dec 2016	0	0	0	0	0	0.0%	0	0	0	0	2	2	2.5%	4	12	51	1	36	57	97.5%	157	161

Non notified number of parties consulted and written approval provided – 2016-2017

	Consultation/Involved (number of parties)	Number of Affected Party Approvals (written)	Totals
District Councils	16	3	19
DOC	15	4	19
Environmental/Recreational Groups	1	6	7
Fish & Game	2	0	2
Individuals/Neighbours/Landowners	2	432	434
Network Utilities	2	0	2
Non Govt Organisations	0	3	3
Other Govt Departments	18	0	18
Iwi/hapu involvement	107	5	112
Totals - as at end December 2016	163	453	616

Application processing time extensions used 2015-2016 versus 2016-2017



Consent type process

	Last 10 year average 2007 - 2016	July 2015 to June 2016	July 2016 to February 2017
Total consents granted	409	382	161
Publically Notified	5	0	0
Limited-notified	11	12	4
Non-notified	394	370	157
Applications submitted on (in opposition and to be heard)	10	7	2
Application Pre-hearing resolution (%)	7 68%	7 100%	2 100%
Hearings (no. of applications)	2 (3)	0 (0)	0 (0)
Appeals (no. of applications)	1 (2)	0 (0)	0 (0)
Total current consents	4519	4841	4920

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

Consent	Holder	Subtype
Discharge Permit		
R2/0389-3.1	Jonathan & Raewyn Perry	Land - animal waste
R2/1845-3.1	Jonathan & Raewyn Perry	Land - animal waste
R2/4779-1.1	New Plymouth District Council	Air - Industry
R2/7977-2.0	Paritutu Developments Limited	Land - stormwater
R2/2819-3.0	Neil Buckthought Family Trust	Land - animal waste
R2/0693-3.0	Denstur Farm Trust	Water - Animal Waste
R2/1984-3.0	CA Midgley Trust & Estate PJ Midgley	Land - animal waste
R2/1978-3.0	JJ Kelly Family Trust	Land - animal waste
R2/10388-1.0	Greymouth Petroleum Turangi Limited	Air - Industry
R2/10389-1.0	Greymouth Petroleum Turangi Limited	Air - Industry
R2/10390-1.0	Greymouth Petroleum Turangi Limited	Land - stormwater
R2/10393-1.0	Greymouth Petroleum Turangi Limited	Land - Hydraulic Fracturing
R2/5997-1.3	Shell Exploration NZ Limited	Water - Stormwater
R2/6269-1.2	Shell Exploration NZ Limited	Water - Stormwater
R2/10349-1.0	New Zealand Managed Forests	Water - Industry
R2/10407-1.0	New Zealand Managed Forests	Water - Industry
R2/1562-3.1	KT & ME Lawn Limited	Land - animal waste
Coastal Permit		
R2/10380-1.0	New Zealand Transport Agency	Structure - Protection (Coastal)
Land Use Consent		
R2/10386-1.0	Hernly Farm Limited	Bore Install
R2/10387-1.0	New Plymouth District Council	Structure - Culvert
R2/10359-1.0	New Plymouth District Council	Structure - Culvert
R2/10398-1.0	Estate of Margaret J Abbott	Structure - Culvert
R2/10399-1.0	New Zealand Transport Agency	Structure - Erosion Control
R2/10376-1.0	Willica Farms Limited	Pipe Waterway
R2/10263-1.1	Petrochem Limited	Structure - Pipeline
R2/10405-1.0	Java Farm Partnership Limited	Structure - Culvert
Water Permit		
R2/10391-1.0	Greymouth Petroleum Turangi Limited	Take produced water
R2/10369-1.0	Inglewood Golf Club Inc	Take Groundwater
R2/10370-1.0	South Taranaki District Council	Take Groundwater

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

Doc #1829138-v1

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/0389-3.1](#)

Jonathan & Raewyn Perry
175 Cheal Road, RD 23, Stratford 4393

Location: 175 Cheal Road, Ngaere
To discharge farm dairy effluent onto land

Change of conditions so the discharge is to land only and to increase the herd size

Commencement Date: 20 Jan 2017

Expiry Date: 01 Dec 2028

Review Dates: June 2022

Activity Class: Discretionary

Application Purpose: Change

[R2/1845-3.1](#)

Jonathan & Raewyn Perry
175 Cheal Road, RD 23, Stratford 4393

Location: 222/225 Cheal Road, Ngaere
To discharge farm dairy effluent onto land

Change of conditions so the discharge is to land only

Commencement Date: 20 Jan 2017

Expiry Date: 01 Dec 2028

Review Dates: June 2022

Activity Class: Discretionary

Application Purpose: Change

[R2/10380-1.0](#)

New Zealand Transport Agency
Private Bag 11777, Palmerston North 4440

Location: Road reserve, SH 3, Mokau Road,
Mohakatino

To place rock riprap in the Rapanui Stream for coastal erosion control purposes

Commencement Date: 23 Jan 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Discretionary

Application Purpose: New

[R2/4779-1.1](#)

New Plymouth District Council
Private Bag 2025, New Plymouth 4342

Location: Colson Road, New Plymouth

To discharge contaminants into the air associated with operation of the municipal landfill
at Colson Road, New Plymouth

Change consent conditions to provide for combustion of landfill gas at the site

Commencement Date: 24 Jan 2017

Expiry Date: 01 Jun 2025

Review Dates: June 2018

Activity Class: Discretionary

Application Purpose: Change

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/10386-1.0](#)

Hernly Farm Limited

C/- W Thony, 655D State Highway 2, RD 4,
Whakatane 3194

Location: 242 Lower Durham Road,
Inglewood

To drill and construct a groundwater bore for water supply purposes

Commencement Date: 25 Jan 2017

Expiry Date:

Review Dates: June 2021, June 2027,
June 2033, June 2039, June 2045, June 2051

Activity Class: Discretionary

Application Purpose: New

[R2/7977-2.0](#)

Paritutu Developments Limited

248 Junction Road, RD 1, New Plymouth 4371

Location: 22 Sycamore Grove, New Plymouth

To discharge stormwater and sediment from earthworks associated with the development of a residential subdivision onto and into land

Commencement Date: 30 Jan 2017

Expiry Date: 01 Jun 2022

Review Dates:

Activity Class: Discretionary

Application Purpose: Replace

[R2/10387-1.0](#)

New Plymouth District Council

Private Bag 2025, New Plymouth 4342

Location: Road reserve, Lower Dudley Road,
Inglewood

To install a culvert in an unnamed tributary of the Kurapete Stream, including the associated disturbance of the stream bed

Commencement Date: 08 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Discretionary

Application Purpose: New

[R2/2819-3.0](#)

Neil Buckthought Family Trust

671 Eltham Road, RD 21, Stratford 4391

Location: 922 Eltham Road, Kaponga

To discharge farm dairy effluent onto land

Commencement Date: 08 Feb 2017

Expiry Date: 01 Dec 2041

Review Dates: June 2023, June 2029,
June 2035

Activity Class: Controlled

Application Purpose: Replace

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/10359-1.0](#)

New Plymouth District Council
Private Bag 2025, New Plymouth 4342

Commencement Date: 08 Feb 2017

Expiry Date: 01 Jun 2035

Review Dates: June 2023, June 2029

Activity Class: Discretionary

Location: Hill Road, Egmont Village

Application Purpose: New

To install a culvert in an unnamed tributary of the Mangawarawara Stream, including the associated realignment and disturbance of the stream bed

[R2/0693-3.0](#)

Denstur Farm Trust
RM & JP Pratt, 465 Rawhitiroa Road, RD 18,
Eltham 4398

Commencement Date: 10 Feb 2017

Expiry Date: 01 Dec 2041

Review Dates: June 2023, June 2029,
June 2035

Activity Class: Controlled

Location: 465 Rawhitiroa Road, Eltham

Application Purpose: Replace

To discharge farm dairy effluent onto land, and until 1 June 2020 after treatment in an oxidation pond system and a constructed drain and wetland into an unnamed tributary of the Mangawhero Stream

[R2/1984-3.0](#)

CA Midgley Trust & Estate PJ Midgley
23 Montrose Place, Highlands Park, New
Plymouth 4312

Commencement Date: 10 Feb 2017

Expiry Date: 01 Dec 2041

Review Dates: June 2023, June 2029,
June 2035

Activity Class: Controlled

Location: 1434 Skeet Road, Manaia

Application Purpose: Replace

To discharge farm dairy effluent onto land

[R2/1978-3.0](#)

JJ Kelly Family Trust
46 Rama Road, RD 28, Hawera 4678

Commencement Date: 10 Feb 2017

Expiry Date: 01 Dec 2041

Review Dates: June 2023, June 2029,
June 2035

Activity Class: Controlled

Location: 46 Rama Road, Manaia

Application Purpose: Replace

To discharge farm dairy effluent onto land

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/10388-1.0](#)

Greymouth Petroleum Turangi Limited
PO Box 3394, Fitzroy, New Plymouth 4341

Commencement Date: 14 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Controlled

Location: Turangi-H wellsite, Epiha Road
Lower, Motunui (Property owner: Gillingham
Downs Trustee Company Limited)

Application Purpose: New

To discharge contaminants to air from hydrocarbon exploration at the Turangi-H wellsite, including combustion involving flaring or incineration of petroleum recovered from natural deposits, in association with well development or redevelopment and testing or enhancement of well head production flows

[R2/10389-1.0](#)

Greymouth Petroleum Turangi Limited
PO Box 3394, Fitzroy, New Plymouth 4341

Commencement Date: 14 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Restricted discretionary

Location: Turangi-H wellsite, Epiha Road
Lower, Motunui (Property owner: Gillingham
Downs Trustee Company Limited)

Application Purpose: New

To discharge emissions to air associated with hydrocarbon producing wells at the Turangi-H wellsite

[R2/10390-1.0](#)

Greymouth Petroleum Turangi Limited
PO Box 3394, Fitzroy, New Plymouth 4341

Commencement Date: 14 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Discretionary

Location: Turangi-H wellsite, Epiha Road
Lower, Motunui (Property owner: Gillingham
Downs Trustee Company Limited)

Application Purpose: New

To discharge treated stormwater from hydrocarbon exploration and production operations at the Turangi-H wellsite onto land

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/10391-1.0](#)

Greymouth Petroleum Turangi Limited
PO Box 3394, Fitzroy, New Plymouth 4341

Commencement Date: 14 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Controlled

Location: Turangi-H wellsite, Epiha Road
Lower, Motunui (Property owner: Gillingham
Downs Trustee Company Limited)

Application Purpose: New

To take groundwater, as 'produced water', during hydrocarbon exploration and
production activities at the Turangi-H wellsite

[R2/10393-1.0](#)

Greymouth Petroleum Turangi Limited
PO Box 3394, Fitzroy, New Plymouth 4341

Commencement Date: 15 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June annually

Activity Class: Discretionary

Location: Turangi-H wellsite, Epiha Road
Lower, Motunui (Property owner: Gillingham
Downs Trustee Company Limited)

Application Purpose: New

To discharge water based hydraulic fracturing fluids into land at depths greater than 3,300
mTVDss beneath the Turangi-H wellsite

[R2/10369-1.0](#)

Inglewood Golf Club Inc
Secretary, PO Box 83, Inglewood 4347

Commencement Date: 15 Feb 2017

Expiry Date: 01 Jun 2032

Review Dates: June 2020, June 2026

Activity Class: Discretionary

Location: 244 Lepper Road, Inglewood

Application Purpose: New

To take and use groundwater for irrigation of golf course greens

[R2/5997-1.3](#)

Shell Exploration NZ Limited
Private Bag 2035, New Plymouth 4342

Commencement Date: 16 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Discretionary

Location: Pohokura Production Station, Lower Otaraoa Road, Motunui, Waitara

Application Purpose: Change

To discharge treated stormwater from an Onshore Production Station to an existing
stormwater control system, being a body of water commonly known as 'The Duck Pond'
within the Manu Stream catchment

Change of consent conditions to increase the pH range in the discharge from 6.5-8.5 to
6.0-9.0

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/6269-1.2](#)

Shell Exploration NZ Limited
Private Bag 2035, New Plymouth 4342

Commencement Date: 16 Feb 2017
Expiry Date: 01 Jun 2033
Review Dates: June 2021, June 2027
Activity Class: Discretionary

Location: Lower Otaraoa Road wellsite, Lower Otaraoa Road, Motunui, Waitara
Application Purpose: Change

To discharge treated stormwater from hydrocarbon exploration and production operations at the Lower Otaraoa Road Wellsite to an existing stormwater control system, being a body of water commonly known as 'The Duck Pond' within the Manu Stream

Change of consent conditions to increase the pH range in the discharge from 6.5-8.5 to 6.0-9.0

[R2/10398-1.0](#)

Estate of Margaret J Abbott
C/- AH Benton, 1E Links Drive, New Plymouth 4312

Commencement Date: 22 Feb 2017
Expiry Date: 01 Jun 2035
Review Dates: June 2023, June 2029
Activity Class: Discretionary

Location: 1352 Eltham Road, Kaponga
Application Purpose: New

To install a culvert in an unnamed tributary of Dunns Creek, including the associated realignment and disturbance of the stream bed

[R2/10399-1.0](#)

New Zealand Transport Agency
Private Bag 11777, Palmerston North 4440

Commencement Date: 24 Feb 2017
Expiry Date: 01 Jun 2031
Review Dates: June 2019, June 2025
Activity Class: Discretionary

Location: 1730 South Road, Tataraimaka
Application Purpose: New

To undertake maintenance work on an existing erosion protection structure, including associated excavation, disturbance and temporary diversion of the stream bed in an unnamed tributary of the Timaru Stream

[R2/10376-1.0](#)

Willica Farms Limited
781 Mangawhero Road, RD 29, Hawera 4679

Commencement Date: 24 Feb 2017
Expiry Date: 01 Jun 2035
Review Dates: June 2023, June 2029
Activity Class: Discretionary

Location: 731/781 Mangawhero Road, Riverlea
Application Purpose: New

To install piping in an unnamed tributary of the Mangawhero Stream, including associated stream bed disturbance and reclamation

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/10349-1.0](#)

New Zealand Managed Forests
33 Rogers Avenue, Eastern Beach, Auckland
2012

Commencement Date: 27 Feb 2017

Expiry Date: 01 Jun 2027

Review Dates: June 2020, June 2023

Activity Class: Controlled

Location: 369 Puniwhakau Road, Puniwhakau **Application Purpose:** New

To undertake vegetation disturbance activities and to discharge stormwater and sediment arising from soil disturbance activities associated with harvesting of forest, including roading and tracking into unnamed tributaries of the Puniwhakau Stream in the Puniwhakau forest

[R2/10407-1.0](#)

New Zealand Managed Forests
33 Rogers Avenue, Eastern Beach, Auckland
2012

Commencement Date: 27 Feb 2017

Expiry Date: 01 Jun 2027

Review Dates: June 2020, June 2023

Activity Class: Controlled

Location: 972 Puniwhakau Road, Puniwhakau **Application Purpose:** New

To undertake vegetation disturbance activities and to discharge stormwater and sediment arising from soil disturbance activities associated with harvesting of forest, including roading and tracking into unnamed tributaries of the Puniwhakau Stream in the Egmont forest

[R2/10370-1.0](#)

South Taranaki District Council
Chief Executive, Private Bag 902, Hawera 4640

Commencement Date: 27 Feb 2017

Expiry Date: 01 Jun 2035

Review Dates: June 2020

Activity Class: Discretionary

Location: 791 Rowan Road, Manaia **Application Purpose:** New

To take and use groundwater for Waimate West water supply purposes

[R2/10263-1.1](#)

Petrochem Limited
PO Box 3394, New Plymouth 4341

Commencement Date: 28 Feb 2017

Expiry Date: 01 Jun 2033

Review Dates: June 2021, June 2027

Activity Class: Discretionary

Location: Kowhai-D wellsite to Kowhai-A
Production Station, 17 Manganui Road,
Everett Park

Application Purpose: Change

To install and use pipelines for hydrocarbon conveyance purposes under the bed of the Waitara River, including erosion protection structures and associated stream bed disturbance

Change of consent conditions to extend the date of instream works

**Non-notified authorisations issued by the Taranaki Regional Council
between 20 Jan 2017 and 02 Mar 2017**

[R2/1562-3.1](#)

KT & ME Lawn Limited

175 Oxford Road, RD 37, New Plymouth 4381

Location: 364 Waiteika Road, Opunake

To discharge farm dairy effluent onto land

Change of conditions so the discharge is to land only and to increase the herd size

Commencement Date: 28 Feb 2017

Expiry Date: 01 Dec 2030

Review Dates: June 2018, June 2024

Activity Class: Discretionary

Application Purpose: Change

[R2/10405-1.0](#)

Java Farm Partnership Limited

206 Patiki Rd, RD 32, Opunake 4682

Location: 2938 Skeet Road, Auroa

To install a culvert in the Wahoungakino Stream, including the associated disturbance of the stream bed

Commencement Date: 28 Feb 2017

Expiry Date: 01 Jun 2036

Review Dates: June 2024, June 2030

Activity Class: Discretionary

Application Purpose: New

Agenda Memorandum

Date 14 March 2017



**Memorandum to
Chairperson and Members
Consents and Regulatory Committee**

**Subject: Appointment of Hearing Committee –
Jimian Limited**

Approved by: A D McLay, Director – Resource Management
B G Chamberlain, Chief Executive

Document: 1829740

Purpose

The purpose of this memorandum is to recommend that the Taranaki Regional Council delegates to a Hearing Committee the authority to determine an application by Jimian Limited to *renew consent 5571 to take water from the Kohi Stream for pasture irrigation purposes.*

Recommendations

That the Taranaki Regional Council:

1. receives this memorandum
2. subject to a hearing being necessary, in accordance with section 34A(1) of the Resource Management Act appoints Cr D Lean [Chairperson] and Cr N Walker as hearing commissioners, and delegates them the power to hear and determine the application lodged by Jimian Limited (Renewal of consent 5571).

Background

Jimian Limited has lodged an application to renew their water take consent to take water from the Kohi Stream (a tributary of the Whenuakura River) for pasture irrigation purposes. An application was lodged with the Taranaki Regional Council (Council) on 19 November 2015 to renew consent 5571.

The application was limited notified, with two neighbouring properties and two Iwi given the opportunity to make a submission. Submissions were received from WD & SC Morrison, Te Kaahui o Rauru and Te Runanga o Ngati Ruanui Trust.

Discussion

If agreement on consent conditions cannot be achieved through the pre-hearing process a hearing will be necessary.

The Consents and Regulatory Committee is required to decide who should be delegated the authority to determine the application and who should hear the application and any unresolved submissions.

Decision-making considerations

Part 6 (Planning, decision-making and accountability) of the *Local Government Act 2002* has been considered and documented in the preparation of this agenda item. The recommendations made in this item comply with the decision-making obligations of the *Act*.

Financial considerations—LTP/Annual plan

This memorandum and the associated recommendations are consistent with the Council's adopted Long-Term Plan and estimates. Any financial information included in this memorandum has been prepared in accordance with generally accepted accounting practice.

Policy considerations

This memorandum and the associated recommendations are consistent with the policy documents and positions adopted by this Council under various legislative frameworks including, but not restricted to, the *Local Government Act 2002*, the *Resource Management Act 1991* and the *Local Government Official Information and Meetings Act 1987*.

Legal considerations

This memorandum and the associated recommendations comply with the appropriate statutory requirements imposed upon the Council.

Agenda Memorandum

Date 14 March 2017

**Memorandum to
Chairperson and Members
Consents and Regulatory Committee**



Subject: Consent monitoring annual reports

Approved by: G K Bedford, Director Environment Quality

B G Chamberlain, Chief Executive

Document: 1823816

Purpose

The purpose of this memorandum is to advise the Committee of 26 tailored compliance monitoring reports that have been prepared since the last committee meeting.

Executive summary

The Council considers the regular reporting of comprehensive and well-considered compliance monitoring is vital to undergird:

- community standing and reputation enhancement for companies that consistently attain good or high levels of environmental performance;
- a respectful regard for the Taranaki region's environment and our management of its natural resources; and
- the Council's accountability and transparency.

There are 26 reports for presentation to the meeting. Recommendations pertaining to each site or programme are set out in the relevant report. The attention of Committee members is directed to the Executive Summary at the front of each report.

Reporting for compliance monitoring activities for the 2015-2016 monitoring period is now complete. This meets the Council's Annual Plan target in full.

Recommendations

That the Taranaki Regional Council:

1. receives the 16-15 McKechnie Aluminium Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
2. receives the 16-16 Dow AgroSciences NZ Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
3. receives the 16-18 Greymouth Petroleum Kaimiro Production Station Annual Report 2015-2016 and adopts the specific recommendations therein
4. receives the 16-24 STOS Kapuni Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein

5. receives the 16-28 Stratford District Council Wastewater Treatment Plant Monitoring Programme Annual report 2015-2016 and adopts the specific recommendations therein
6. receives the 16-30 STDC Waverly, Kaponga, Manaia and Patea Municipal Wastewater Treatment Plant Systems Compliance Monitoring Programmes Annual Report 2015-2016 and adopts the specific recommendations therein
7. receives the 16-31 STDC Opunake WWTP Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
8. receives the 16-39 Port Taranaki Limited Dredging Compliance Monitoring Annual Report 2015-2016 and adopts the specific recommendations therein
9. receives the 16-40 Fonterra Whareroa Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
10. receives the 16-43 NPDC NPWWTP Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
11. receives the 16-44 NPDC Coastal Structures Monitoring Annual Report 2015-2016 and adopts the specific recommendations therein
12. receives the 16-53 Riverlands ANZCO Eltham Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
13. receives the 16-54 Silver Fern Farms - Waitotara Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
14. receives the 16-55 Ballance Agri-Nutrients Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
15. receives the 16-70 Regional Cleanfills Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
16. receives the 16-80 Taranaki By-Products Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
17. receives the 16-83 Remediation NZ Limited Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
18. receives the 16-84 Vector Kapuni GTP Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
19. receives the 16-85 CD Boyd Drilling Waste Stockpiling Landfarm/Landspreading Compliance Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
20. receives the 16-89 Origin Energy Landfarms Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
21. receives the 16-91 Waste Remediation Services Ltd Waikaikai Landfarm Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
22. receives the 16-97 Port Area Industrial Catchments Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
23. receives the 16-98 Lower Waiwhakaiho Catchment Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
24. receives the 16-106 Todd Energy Limited Mangahewa D (Hydraulic Fracturing) Monitoring Programme Annual Report 2014-2016 and adopts the specific recommendations therein

25. receives the 16-115 Contact Energy Stratford Power Station Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein
26. receives the 16-117 STOS Maui Production Station Monitoring Programme Annual Report 2015-2016 and adopts the specific recommendations therein

Background

The Council considers the regular reporting of comprehensive and well-considered compliance monitoring is vital to undergird-

- community standing and reputation enhancement for companies that consistently attain good or high levels of environmental performance. Informed feedback is appropriate and valuable, and assists a proactive alignment of industry's interests with community and Resource Management Act expectations. Reporting describes the effective value of investment in environmental systems;
- a respectful and responsible regard for the Taranaki region's environment and our management of its natural resources. Reporting allows evaluation and demonstration of the overall rate of compliance by sector and by consent holders as a whole, and of trends in the improvement of our environment; and
- the Council's accountability and transparency. Reporting gives validity to assessments of effective intervention.

These reports have been prepared by staff of the Council and have each been submitted to the relevant consent holder/s for comment and confirmation of accuracy prior to publication. All reports provide environmental performance and administrative compliance ratings for each consent holder in relation to their activities over the period being reported and provide recommendations for the following monitoring year.

Of the 26 reports being presented to this meeting, 18 cover the activities of individual consent holders while 8 reports cover joint monitoring programmes. Within the reports, 25 high, 10 good and 3 improvement required environmental performance ratings were assigned, (Table 1).

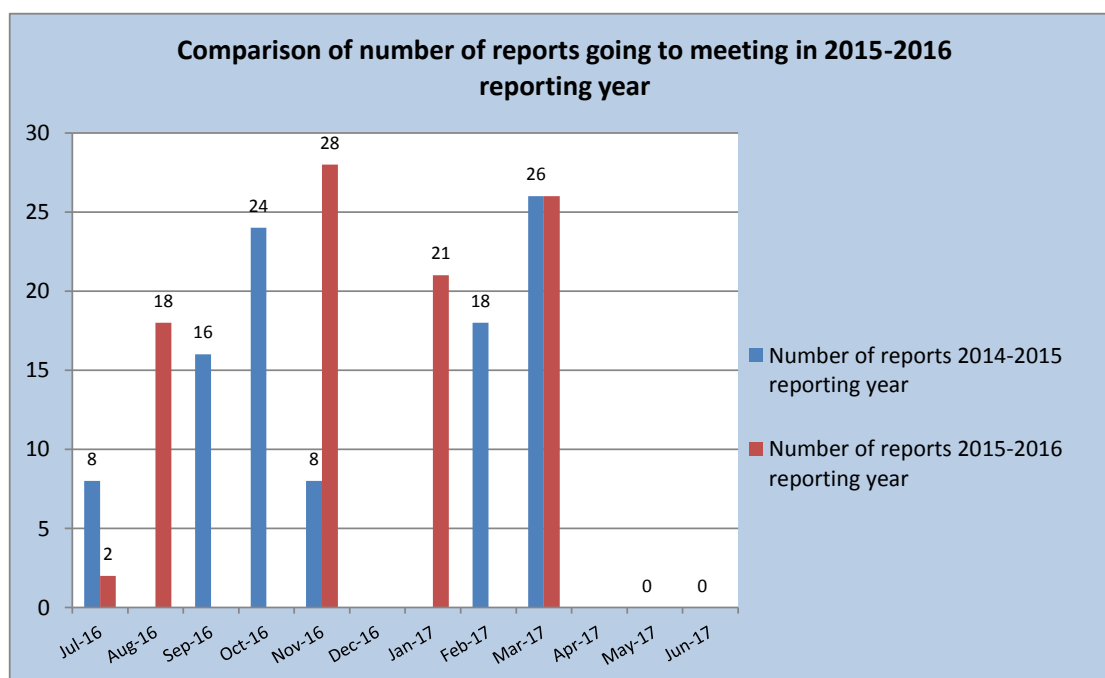
Table 1: Summary of consent holders' environmental performance

Report Name	Overall environmental performance
16-15 McKechnie Aluminium Monitoring Programme Annual Report 2015-2016	High
16-16 Dow AgroSciences NZ Monitoring Programme Annual Report 2015-2016	High
16-18 Greymouth Petroleum Kaimiro Production Station Monitoring Programme Annual Report 2015-2016	High
16-24 STOS Kapuni Monitoring Programme Annual Report 2015-2016	High
16-28 Stratford District Council Wastewater Treatment Plant Monitoring Programme Annual report 2015-2016	Good
16-30 STDC Waverly, Kaponga, Manaia and Patea Municipal Wastewater Treatment Plant Systems Monitoring Programmes Annual Report 2015-2016	High
16-31 STDC Opunake WWTP Monitoring Programme Annual Report 2015-2016	High
16-39 Port Taranaki Limited Dredging Monitoring Programme Annual Report 2015-2016	High
16-40 Fonterra Whareroa Monitoring Programme Annual Report 2015-2016	Improvement required
16-43 NPDC NPWWTP Monitoring Programme Annual Report 2015-2016	Improvement required
16-44 NPDC Coastal Structures Monitoring Programme Annual Report 2015-2016	High

Report Name	Overall environmental performance
16-53 Riverlands ANZCO Eltham Monitoring Programme Annual Report 2015-2016	Good
16-54 Silver Fern Farms - Waitotara Monitoring Programme Annual Report 2015-2016	Good
16-55 Ballance Agri-Nutrients Monitoring Programme Annual Report 2015-2016	High
16-70 Regional Cleanfill Monitoring Programme Annual Report 2015-2016	9 High 3 Good
16-80 Taranaki By-Products Monitoring Programme Annual Report 2015-2016	Good
16-83 Remediation NZ Limited Monitoring Programme Annual Report 2015-2016	High
16-84 Vector Kapuni GTP Monitoring Programme Annual Report 2015-2016	High
16-85 CD Boyd Drilling Waste Stockpiling Landfarm/Landspreading Monitoring Programme Annual Report 2015-2016	Good
16-89 Origin Energy Landfarms Monitoring Programme Annual Report 2015-2016	High
16-91 Waste Remediation Services Ltd Waikakai Landfarm Monitoring Programme Annual Report 2015-2016	Good
16-97 Port Area Industrial Catchments Monitoring Programme Annual Report 2015-2016	High
16-98 Lower Waiwhakaiho Catchment Monitoring Programme Annual Report 2015-2016	Good
16-106 Todd Energy Limited Mangahewa D (Hydraulic Fracturing) Monitoring Programme Annual Report 2014-2016	High
16-115 Contact Energy Stratford Power Station Monitoring Programme Annual Report 2015-2016	High
16-117 STOS Maui Production Station Monitoring Programme Annual Report 2015-2016	High

So far this year, 69 consent compliance monitoring reports have been completed and presented at C & R meeting relating to the 2015-2016 monitoring year (Figure 1).

Figure 1 Comparison of reports presented at the Consents and Regulatory meetings



Discussion

16-15 McKechnie Aluminium Monitoring Programme Annual Report 2015-2016

McKechnie Aluminium Solutions Ltd (MASL) operates an aluminium melting and extrusion plant located at Bell Block, in the Mangaone and Mangati catchments. Processing of copper and brass (copper/zinc) at the metal melting and extrusion plant ceased in June 2002 and January 2003, respectively. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess MASL's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of MASL's activities.

MASL holds two resource consents that are covered within this particular report: consent 1857 to discharge stormwater into an unnamed tributary of the Mangaone Stream, and consent 4034 to discharge emissions into the air, which together include a total of 22 conditions setting out the requirements that they must satisfy.

During the monitoring period, McKechnie Aluminium Solutions Ltd demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the year under review included three site inspections, 18 water samples collected for physicochemical analysis, two biomonitoring surveys of receiving waters, and one deposition gauge survey in the vicinity of the foundry site.

As in the previous monitoring period, sampling showed slight improvements in water quality in relation to dissolved copper and dissolved zinc concentrations. This supports the trend from previous sampling of an improvement in water quality within the receiving environment. Biomonitoring results have also continued to indicate a slight improvement in water quality and ecological conditions in the stream over the last few years. MCI and SQMCI_s scores indicate that treated stormwater discharged from the site is not having a detrimental effect on the macroinvertebrate communities of the unnamed tributary of the Mangaone Stream.

The results from deposition gauging indicate that there was an environmentally acceptable level of particulate deposition in the vicinity of the foundry site. No visible emissions or odour issues were noted during inspections and no complaints were received during the period under review.

During the year, MASL demonstrated a high level of environmental performance and a high level of administrative compliance with the resource consents. There were no unauthorised incidents recorded by the Council in relation to MASL's activities. The foundry site was well managed and maintained.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes a recommendation for the 2016-2017 year.

16-16 Dow AgroSciences NZ Monitoring Programme Annual Report 2015-2016

Dow AgroSciences (NZ) Ltd (DAS) operates an industrial agrichemical formulating and packaging facility located at Paritutu Road, New Plymouth, in the Herekawe catchment. DAS holds resource consents to allow it to discharge stormwater into the Herekawe Stream, and to discharge emissions into the air. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess DAS's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of DAS's activities.

DAS holds two resource consents, which include a total of 24 conditions setting out the requirements that they must satisfy. DAS holds one consent to allow it to discharge stormwater into the Herekawe Stream, and one consent to discharge emissions into the air at the plant site.

During the monitoring period, Dow AgroSciences (NZ) Ltd demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the year under review included four inspections, four sets of water samples collected for pesticide analysis, two biological surveys of receiving waters, and a marine ecology inspection. DAS carried out air emission sampling and groundwater monitoring through independent consultants and further storm water sampling, and forwarded the results to the Council for audit and review.

The monitoring showed that DAS has had no significant impact on air quality in the vicinity of the plant or on water quality in the Herekawe Stream. No complaint in relation to DAS's activities was registered by the Council.

During the year, DAS demonstrated a high level of environmental and administrative performance.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes a recommendation for the 2016-2017 year.

16-18 Greymouth Petroleum Kaimiro Production Station Monitoring Programme Annual Report 2015-2016

Greymouth Petroleum Acquisition Company Limited (GPL) operates the Kaimiro Production Station located at Inglewood, in the Waiongana catchment, and the associated Ngatoro-A and Ngatoro-B producing wellsites at Inglewood, in the Waitara catchment. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess GPL's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of GPL's activities.

GPL holds seven resource consents for production activities at the three sites, which include a total of 110 conditions setting out the requirements that they must satisfy. GPL holds one consent to allow it to take and use water, three consents to discharge stormwater and treated wastewater into the Mangaoraka and Ngatoro Streams, and three consents to discharge emissions into the air.

During the monitoring period, GPL demonstrated an overall high level of environmental performance.

The Council's monitoring programme included five inspections of the Kaimiro Production Station, five inspections at the Ngatoro wellsites, an annual inspection of the associated wellsites, six water samples collected for physicochemical analysis, two biological surveys of receiving waters and two ambient air quality surveys.

Results of samples collected of the discharge and receiving waters were within the limits prescribed by the consents and, along with the results of biomonitoring carried out in the Mangaoraka Stream, indicated that the discharges were not having a significant adverse effect on the downstream water quality.

There were no adverse effects on the environment resulting from the exercise of the air discharge consents. The ambient air quality monitoring at the Kaimiro Production Station showed that levels of carbon monoxide, combustible gases, PM10 particulates and nitrogen oxides were all below levels of concern at the time of sampling. No offensive or objectionable odours were detected beyond the boundary during inspections and there were no complaints in relation to air emissions from the site.

During the period under review, GPL demonstrated an overall high level of both environmental performance and administrative compliance with the resource consents. There were no unauthorised incidents recorded by the Council in relation to GPL's activities. The Kaimiro Production Station and associated wellsites were well managed and maintained.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes recommendations for the 2016-2017 year.

16-24 STOS Kapuni Monitoring Programme Annual Report 2015-2016

Shell Todd Oil Services Ltd (STOS) operates the Kapuni Production Station located on Palmer Road in the Kapuni catchment. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess STOS's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of STOS's activities.

STOS holds four resource consents; one relating to discharges to water, one to discharge emissions to the air, and two relating to structures in the Kapuni Stream. The consents include a total of 36 conditions setting out the requirements that STOS must satisfy. STOS also holds a further 31 resource consents for production activities at wellsites associated with the Kapuni Production Station.

During the monitoring period, Shell Todd Oil Services Ltd demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the year under review included six inspections, three water samples collected for physicochemical analysis, one biomonitoring survey of receiving waters, and two ambient air quality analyses.

Receiving water inspections, in conjunction with sampling conducted by both the Council and STOS during the 2015-2016 period, showed that the site discharges were not causing any adverse effects in the Kapuni Stream. This was supported by the findings of the macroinvertebrate survey.

There were no adverse effects on the environment resulting from the exercise of the air discharge consents. The ambient air quality monitoring at the Kapuni Production Station showed that levels of carbon monoxide, combustible gases, PM10 particulates and nitrogen oxides were all below levels of concern at the time of sampling. No offensive or objectionable odours were detected beyond the boundaries during inspections and there were no complaints in relation to air emissions from the sites.

During the period under review, STOS demonstrated an overall high level of both environmental performance and administrative compliance with the resource consents. There were no unauthorised incidents recorded by the Council in relation to STOS's activities. The Kapuni Production Station was well managed and maintained.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance is remains at a high level.

This report includes recommendations for the 2016-2017 year, including a recommendation relating to an optional review of consents 0633-1, 5960-1 and 9555-1.

16-28 Stratford District Council Wastewater Treatment Plant Monitoring Programme Annual report 2015-2016

The Stratford District Council (SDC) operates a municipal wastewater treatment plant (WWTP) located on Victoria Road at Stratford, in the Patea catchment. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess SDC's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of SDC's activities.

SDC holds one resource consent to discharge treated wastewater to the Patea River, which includes a total of 12 conditions setting out the requirements that it must satisfy.

During the monitoring period, SDC demonstrated an overall good level of environmental performance.

The Council's monitoring programme for the year under review included four inspections, wastewater analyses, and physicochemical and biological surveys of the receiving waters of the Patea River.

In recent years, improvements in the SDC's maintenance programme have generally enhanced the appearance of the plant and effectively controlled any produced odour. No complaints were received in relation to the operation of the WWTP. Regular inspections indicated no immediate problems with the performance of the plant, with no overflows recorded during the monitoring year. Seasonal variability in pond microfloral populations (as indicated by chlorophyll-a populations) was also influenced by preceding wet weather stormwater infiltration. Wastewater quality was good at the time of the very low flow late summer receiving water physicochemical survey, with a moderate algal component. This algal component had a minor impact on turbidity under the very low flow conditions, which was non-compliant with aesthetic consent conditions. A late summer biomonitoring survey found no impacts on the macroinvertebrate fauna as a result of the discharge of treated wastewater.

During the year, SDC demonstrated a good level of environmental and a high level of administrative performance with the resource consents. Effects from the discharge on the receiving waters continue to be recorded, with minor or no effects noted beyond the boundary of the permitted mixing zone.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that SDC's performance remains at a good level.

This report includes recommendations for the 2016-2017 year, including continuation of a similar basic monitoring programme and requirements relating to operation and maintenance of the treatment ponds system.

16-30 STDC Waverly, Kaponga, Manaia and Patea Municipal Wastewater Treatment Plant Systems Monitoring Programmes Annual Report 2015-2016

The South Taranaki District Council (STDC) operates eight wastewater treatment plant (WWTP) systems within the district of South Taranaki. This report addresses performances of four of these systems, located in the Waverley, Kaponga, Manaia and Patea townships¹.

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess STDC's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of STDC's activities.

During the monitoring period, STDC demonstrated an overall high level of environmental performance.

STDC holds six resource consents for the Waverley, Kaponga, Manaia and Patea treatment plants, which include a total of 76 conditions setting out the requirements that STDC must satisfy. Five consents allow STDC to discharge of treated wastewater from the various municipal oxidation ponds sewage treatment systems, one consent is held to discharge treated stock truck effluent (Waverley), and one consent covers the discharge of untreated municipal sewage in emergencies (Patea).

Monitoring was performed to ensure continued maintenance and efficient operation of all treatment systems plus compliance with discharge permits' conditions.

No significant impacts of the Waverley, Manaia, Kaponga, or Patea treatment systems on adjacent receiving waters were recorded in late summer-autumn under low flow conditions during the monitoring period. This monitoring continued the increased frequency of bacteriological receiving water surveys in the lower Patea River in relation to the upgraded oxidation pond system effluent and emergency sewage outfall discharges. Localised impacts of the Manaia pond's discharge have reduced markedly following the incorporation of wetlands into the treatment system as a component of the upgrade. However, the receiving stream may still require investigations associated with upstream water quality and receiving waters' and bacterial marker source tracking is proposed.

Liaison with the Council is used as a method for evaluating, and thus managing and controlling the introduction of industrial wastes into each of the WWTPs. No significant additional wastes connections were made to any of the systems during the year, and the Waverley system no longer received stock truck wastes from the nearby SH3 roadside facility as these have been directed to an on-site pond treatment system.

There were no wet weather-related overflows of emergency pump station raw sewage from the Patea reticulation into the Patea River. Recent upgrades to this pump station, including measures taken to reduce the frequency and duration of overflows, have been very successful in reducing overflows, during or subsequent to, wet weather events in recent monitoring years.

Additional biomonitoring of plant performance utilising regular semi-quantitative assessments of ponds' microflora has provided long-term performance information for each system. Generally, diverse algal populations have indicated relatively healthy pond systems with the

¹ The Eltham, Hawera, and Opunake Wastewater Treatment Systems are the subject of separate reports by the Taranaki Regional Council.

dominant algal taxa varying both with the location of the pond and the loading on the system. With the establishment of a lengthy historical pond microfloral record for each treatment system, this monitoring has been replaced with chlorophyll-a measurements as a component of inspectorial visits. These measurements indicated good microfloral populations in all pond systems coincidental with positive dissolved oxygen saturation levels with seasonal variability often influenced by stormwater infiltration flushing and/or cooler temperatures.

Overall, high levels of environmental performance and compliance with resource consents were achieved by STDC at each of the four WWTP systems during the monitoring period, with continued improvement in respect of environmental compliance matters at the recently upgraded Manaia treatment system. No impacts of the re-configured, upgraded Patea WWTP discharge on the bacteriological quality of the lower Patea River and at the more popular Mana Bay adjacent to the river mouth were detected in terms of compliance with contact recreational standards which were achieved throughout the summer-autumn period.

This report also addresses monitoring of the use of STDC stock truck wastewater disposal system near Waverley where the consent (with five conditions) allows for on-site land discharge of anaerobic-aerobic ponds' treated stock truck effluent. No re-occurrences of past dumping of human wastes into the system were recorded in 2015-2016, although some improvement in management of the pre-treatment waste reception area (roadside) needs to be addressed. The presence of appropriate signage and surveillance by the consent holder have been effective in maintaining compliance at the facility. No discharges to land or nearby natural water occurred at this site where the three pond system was de-sludged and ponds levels lowered in the 2013-2014 period. Increased monitoring of this facility was instigated by the Council nine years previously and will continue in conjunction with the programme for the Waverley municipal oxidation ponds system (where the stock truck wastes were disposed of originally).

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes recommendations for the 2016-2017 year, including a recommendation relating to an optional review of consent 0861-3.

16-31 STDC Opunake WWTP Monitoring Programme Annual Report 2015-2016

The South Taranaki District Council (the Company) operates the Opunake Wastewater Treatment Plant (WWTP) located to the west of Opunake in the Heimama catchment. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess STDC's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of the Company's activities.

STDC holds three resource consents, which include a total of 32 conditions setting out the requirements that they must satisfy. The Company holds a resource consent to allow it to

discharge treated wastewater to land and natural water, and a coastal permit to discharge comminuted wastewater via an ocean outfall into the Tasman Sea. The consent to discharge treated wastewater to land allows for a limited discharge to natural water in a controlled manner. The coastal permit was renewed in August 2004 for a period of 14 years. A consent is also held to place and maintain the outfall within the coastal marine area at Middleton Bay.

During the monitoring period, STDC demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the year under review included four inspections, physicochemical and bacteriological sampling of wastewaters, bacteriological surveys of the coastal receiving waters, and recreational bacteriological surveys of the receiving waters of the Tasman Sea (at both Opunake Beach and Middleton Bay).

The monitoring showed that no operational problems were associated with this WWTP during the monitoring period. No overland flow from the wetland area or runoff from the trench disposal area occurred, with the upgraded reticulation from the trench system operating as designed. The trend of a reduction in the use of the ocean outfall continued, with no overflows to the outfall occurring over the monitoring period – there have been only two brief overflow events since 2006.

During the year, the Company demonstrated a high level of environmental and administrative performance with the resource consents. During the year under review there was no additional bacteriological coastal water monitoring required in relation to ocean outfall overflows during the monitoring period. The treatment plant was well maintained and operated during the monitoring period with a relatively high standard of treated wastewater discharged and minimal measurable impacts on coastal receiving waters. Bacteriological contact recreational water quality at Opunake Beach and Middleton Bay was very high during the summer, continuing the trend of the last twenty-two summers at these popular recreational sites. The chlorophyll-a levels of the discharge were indicative of a good microfloral component of the system, with an exception in winter when low levels followed wet weather dilution conditions.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes recommendations for the 2016-2017 year.

16-39 Port Taranaki Limited Dredging Monitoring Annual Report 2015-2016

Port Taranaki Ltd (the Company) is the commercial operator of the port located on Breakwater Road, New Plymouth. Port Taranaki is an artificially created harbour which is contained by two breakwaters enclosing 94 hectares of sheltered water. The Company undertakes regular dredging to maintain navigable channels within the port. Sand accumulates in large quantities around the tip of the main breakwater and this has to be removed on a regular basis in order to maintain the required depth in the entrance channel.

Due to this accumulation of sand around the breakwater, the city beaches to the north east of the port have previously been starved of sand.

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess the Company's environmental performance during the period under review, and the results and environmental effects of the Company's activities.

The Company holds three resource consents related to this report, which include a total of 28 conditions setting out the requirements that the Company must satisfy. The Company holds one consent to dredge accumulated sediments within Port Taranaki and two consents that allow them to discharge sediment into the inshore and offshore spoil disposal areas in the Tasman Sea.

During the monitoring period, Port Taranaki Ltd demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the period under review included two intertidal surveys at four sites, and one kaimoana survey at five sites and two intertidal sand inspections along the New Plymouth foreshore.

The results of intertidal surveys, kaimoana survey and sand inspections did not indicate that the disposal of dredged material was having a significant impact on the abundance or diversity of intertidal species, including key kaimoana species. Natural sand movement was likely to have a greater impact than the disposal of sand from dredging.

During the period, the Company demonstrated a high level of environmental and administrative performance and compliance with the resource consents. During the period under review there were no unauthorised incidents associated with dredging undertaken by the Company.

This report includes recommendations for the 2016-2018 period.

16-40 Fonterra Whareroa Monitoring Programme Annual Report 2015-2016

Fonterra Co-operative Group Limited (Fonterra) operates a dairy processing complex located on Whareroa Road at Hawera, in the Tangahoe, Tawhiti and Tasman catchments. Fonterra hold resource consents to allow for the abstraction of water from the Tawhiti Stream and Tangahoe River; the discharge of wastewater back to those two streams; the discharge of stormwater to unnamed tributaries of the Tawhiti Stream, the Tangahoe River and an unnamed coastal stream; the discharge of stormwater and sediment to land; the discharge of dairy factory wastewater to the Tasman Sea; the discharge of laboratory waste and unprocessable wastes to waste pits; the discharge of dairy liquids to land and the discharge of emissions to air. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess Fonterra's environmental performance during the period under review. This report also details the results of the monitoring undertaken and assesses the environmental effects of their activities.

Fonterra holds a total of 26 resource consents, which include conditions setting out the requirements that they must satisfy. Fonterra holds four consents to allow it to take and use water and for associated structures, eight consents to discharge stormwater, sediment, and

back flushing from sand filters (and their associated structures) into the unnamed tributaries of the Tangahoe, Tawhiti and an unnamed coastal stream, or to land where it may enter water, six consents to discharge wastewater to the Tasman Sea along with associated structures, two consents to discharge waste to land, and six consents to discharge emissions into the air at this site.

During the monitoring period, Fonterra demonstrated an overall level of environmental performance that required improvement.

The Council's monitoring programme for the year under review included ten scheduled site inspections; two composite samples from the outfall discharge for inter-laboratory comparison; 30 samples of stormwater pond discharges collected for physicochemical analysis; 10 grab samples of the outfall discharge for microbiological analysis; one freshwater inspection downstream of the stormwater pond discharge points; one freshwater biomonitoring survey; two intertidal surveys; 30 deposition gauging samples; 8 nitrogen oxides (NO_x) samples and two periods of fine airborne particulate (PM₁₀) monitoring in relation to air emissions, and auditing of monitoring data collected by Fonterra.

The monitoring indicated a variable level of environmental performance during the 2015-2016 year. Of the 20 consents for which compliance and environmental performance could be categorised, 2 (10%) were rated 'improvement required' and 18 (90%) were rated 'high'. The site was generally well managed, however, two incidents resulted from procedural issues that have now been addressed. Water abstraction limits were adhered to. The stormwater system performed well and no impacts were detected in the receiving environments. There were a number of exceedances regarding wastewater discharge limits, some of which were beyond Fonterra's control, however one incident was not. There were no adverse effects from the outfall discharge detected in the marine environment. An air discharge limit was exceeded in the Powder 2 drier stack; however there were no associated adverse effects detected offsite. In summary, three incidents were recorded during the year under review which resulted in two Infringement Notices being issued.

During the year, Fonterra demonstrated an overall level of environmental performance and compliance which required improvement. This rating was due to the issuing of two infringement notices. A high level of administrative performance and compliance was achieved.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance has remained comparable, and improvement is required.

This report includes recommendations for the 2016-2017 year.

16-43 NPDC NPWWTP Monitoring Programme Annual Report 2015-2016

The New Plymouth District Council (NPDC) operates a wastewater treatment plant (NPWWTP) located on Rifle Range Road between New Plymouth and Bell Block. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the

Taranaki Regional Council (the Council) to assess NPDC's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of NPDC's activities.

In relation to the operation of the NPWWTP, NPDC holds five resource consents, which include a total of 49 conditions setting out the requirements that NPDC must satisfy. NPDC holds one consent to discharge treated wastewater into the Tasman Sea, one consent to discharge sludge leachate to groundwater, two consents relating to structures and one consent to discharge emissions into the air at the site.

During the monitoring period, NPDC demonstrated an overall level of environmental performance which required improvement, notwithstanding that the NPDC achieved a 'high' level of environmental performance in respect of four of their consents held for the WWTP.

The Council's monitoring programme for the year under review included reviewing data supplied by NPDC, five site inspections, three water samples collected for physicochemical analysis (including inter-laboratory comparison), a marine ecological survey at five sites, norovirus and metal analysis of mussels at three coastal sites and norovirus analysis of treatment plant influent and effluent.

The monitoring showed that elevated concentrations of contaminants were found in the groundwater and surface water drain adjacent to the sludge lagoon. There were no other significant detectable effects in the receiving environment resulting from authorised discharges from the plant.

An improvement in NPDC's environmental performance is required. During the year under review there were a total of 24 incidents which resulted in discharges from the wastewater network to water ways. Four 14 day letters were issued in association with incidents, all associated with unauthorised discharges in the Waitara area. One infringement notice was issued in relation to an overflow from the Waitara Outfall Sewage Pump Station and one abatement notice was issued in relation to a failure of a gasket on the Waitara to New Plymouth pipeline. There were no significant detectable effects in the receiving environment resulting from authorised NPWWTP discharges during the 2015-2016 monitoring period and NPDC performed high against the three remaining consents.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by NPDC over the last several years, this report shows that their performance has deteriorated in the year under review. This lower rating is a result of the Council being required to undertake enforcement actions during the 2015-2016 year in relation to unauthorised sewage discharges within the sewage network. In addition, the rating relates to leachate discharges from the sludge lagoon to groundwater at the WWTP, whereby elevated levels of contaminants were detected in groundwater and a surface water drain adjacent to the lagoon. NPDC were found to be generally compliant with all other consents.

This report includes recommendations for the 2016-2017 year.

16-44 NPDC Coastal Structures Monitoring Programme Annual Report 2015-2016

New Plymouth District Council (NPDC) is responsible for various coastal permits around the New Plymouth area. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess NPDC's environmental performance during the period under review, its results and the environmental effects of the coastal structures.

NPDC holds a total of 48 coastal permits covering structures, which include conditions setting out the requirements that NPDC must satisfy. NPDC holds 23 permits relating to coastal protection, seven permits relating to stormwater outfalls, four permits for boat ramps, three permits covering stream outlet structures, three permits for bridges and five permits for outfall structures. The consents for the wastewater treatment plant outfalls are discussed in separate reports.

During the monitoring period, NPDC demonstrated an overall high level of compliance with consent conditions.

The Council's monitoring programme for the period under review included an annual inspection of each of the structures.

The monitoring showed that, with the exception of erosion at Urenui Beach and Waitara East Beach, there were only minor concerns noted in relation to activities licensed by coastal permits held by NPDC. Minor repairs were undertaken as necessary. However, a more robust monitoring programme is recommended.

At Urenui Beach adverse effects of the structure authorised by permit 7007 resulted in severe erosion during May 2016. Such end effects are not covered by the consent conditions of permit 7007 but are included within the Regional Coastal Plan Policy 6.1 (b) which states:

*POL 6.1 A new structure or extension of an existing structure should:
(b) not cause significant foreshore or seabed erosion by reflecting or refracting wave energy.*

NPDC have applied for a consent to extend the seawall at Urenui Beach. This consent is currently being assessed.

NPDC commissioned MetOcean Solutions Limited to provide an expert opinion as to whether the erosion at Waitara East Beach in 2015 could be directly attributed to the construction of the half tide wall in October 2014. The report concluded that with limited contemporary aerial photography available and the relatively short duration since the half tide wall was constructed, it was not possible to conclusively form an opinion as to whether the erosion at Waitara East Beach in 2015 could be directly attributed to the construction of the half tide wall in October 2014.

During the period under review, NPDC demonstrated a high level of compliance with their coastal permits for structures. During the period under review there were no significant incidences of non-compliance with consent conditions.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

This report includes recommendations for the 2016-2017 year.

16-53 Riverlands ANZCO Eltham Monitoring Programme Annual Report 2015-2016

ANZCO Foods Eltham Limited (ANZCO) operates a meat processing plant located at Eltham, in the Waingongoro catchment. Until May 2014, the site was known as Riverlands Eltham. The plant has an associated wastewater treatment ponds system from which effluent is disposed of either to land or to the river. This report for the killing season from October 2015-September 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess the Company's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of the Company's activities.

The Company holds 11 resource consents, which include a total of 114 conditions setting out the requirements that the Company must satisfy. The Company holds one consent to allow it to take and use water, two consents to discharge effluent and stormwater into the Waingongoro River, three consents to discharge effluent and solids to land, four consents for structures in watercourses, and one consent to discharge emissions into the air at the plant site. The consent to emit to air was replaced in May 2016.

During the monitoring period, ANZCO demonstrated a generally good level of environmental performance.

Monitoring is carried out by both ANZCO and the Council. ANZCO monitors water abstraction rate, effluent flow rate and composition, receiving water quality, odour at the plant boundaries, and effluent loadings, soil, and herbage for irrigation areas. The Council undertakes inspections of the plant site and irrigation areas; effluent quality checks and inter-laboratory comparisons; flow, water quality, and biological monitoring in the Waingongoro River; and groundwater monitoring.

The Council's monitoring programmes for the period under review together included four inspections, 59 water samples collected for physicochemical analysis, and two biomonitoring surveys of receiving waters.

The abstraction of water from the Waingongoro River was not found to have any adverse effect on the river. The large reduction in the amount of water abstracted that occurred in 2010-2011, as the result of improved efficiency in water use, was maintained.

The physicochemical monitoring of the river showed full compliance with consent conditions.

It is noted that the implementation of the "dual" land/river wastewater disposal system, which is managed so as to maximise discharge to land, has resulted in significant improvement in the quality of the Waingongoro River since the system was adopted in 2001. The biomonitoring surveys in 2015-2016 did not find any detrimental impact on the river caused by discharges from the meat plant to either land or water.

During the 2015-2016 monitoring period most of the total plant effluent was sprayed onto grazed pasture. The irrigation period lasted 32 weeks, between 28 October 2015 and 6 July 2016, that included the low flow periods for the river. The limit on nitrogen loading was

complied with overall, though there were minor exceedances on some paddocks. The irrigation of effluent from ANZCO has affected the underlying groundwater quality.

With regard to emissions to air over the 2015-2016 period, two incidents were recorded, both about odour, neither of which was substantiated.

During the period under review, ANZCO demonstrated a good level of environmental performance. Improvement was required in administrative compliance, in respect of the provision of reviewed/updated management plans and monitoring reports on exercise of consents, and the supply of instantaneous abstraction data.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a generally good level.

This report includes recommendations for the 2016-2017 year.

16-54 Silver Fern Farms - Waitotara Monitoring Programme Annual Report 2015-2016

Silver Fern Farms Limited (the Company) operates a meat processing plant located on Waiinu Beach Road, Waitotara in the Waitotara catchment. This report for the period 1 October 2015 to 30 September 2016 coincides with the facility's killing season. It describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess the Company's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of the Company's activities.

The Company holds a total of four resource consents, which include a total of 28 conditions setting out the requirements that the Company must satisfy. The Company holds resource consents to allow it to take and use water, to discharge wastes by spray irrigation to land, to discharge stormwater and cooling water to an unnamed tributary of the Waitotara River, and to discharge emissions into the air. Three of the consents expired during the period under review. The consent to take groundwater was replaced in August 2016. Applications for a separate consent to take surface water, and for replacement of the consents to discharge to land and to air, were being processed at the end of the review period.

During the monitoring period, Silver Fern Farms Limited demonstrated an overall good level of environmental performance.

The Council's monitoring programme for the year under review included four inspections, and the collection of four effluent and 28 water samples for physicochemical analysis. The Company supplied an annual environmental monitoring report, as well as records of the volume of water abstracted and the volume of effluent discharged.

New metering and telemetry to Council for monitoring of groundwater abstraction was installed in September 2014. The new system showed that the instantaneous volume limit was breached frequently by small amounts, although the daily limit was being met. These breaches continued at the end of the review period. Further improvements to pump operation and control are planned to be implemented in 2016-2017.

In September 2012, the Company commissioned a 20.7 ha extension of the irrigation area, and a further extension of 6.0 ha became operational in January 2013. Both areas were already covered by resource consent. This voluntary action, for which the Company was given an Environmental Award by Council in November 2014, increased the area irrigated for wastewater disposal by 36% to 110.5 ha to provide for increased production at the meat processing plant and to lower nitrogen loadings. In 2015-2016, average annual nitrogen loading was 250 kg/ha. Irrigation of the undeveloped areas will also increase pasture production. Monitoring of a site of significance to Ngaa Rauru Kiiitahi, a spring at the coast, was continued in relation to the extension.

Stormwater and cooling water discharges were not found to have significant environmental effect. One breach of a pH limit was recorded, following an unauthorised discharge, for which appropriate remedial action was taken.

No adverse effect of emissions to air was recorded.

During the period under review, the Company demonstrated a good level of environmental performance and administrative compliance with the resource consents.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes recommendations for the 2016-2017 year.

16-55 Ballance Agri-Nutrients Monitoring Programme Annual Report 2015-2016

Ballance Agri-Nutrients (Kapuni) Ltd (the Company) operates an ammonia urea manufacturing plant located near Kapuni, in the Kapuni Stream catchment. This report for the period July 2015-June 2016 describes the monitoring programmes implemented by the Taranaki Regional Council (the Council) to assess the Company's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of the Company's activities.

The Company holds a total of seven resource consents, which include a total of 74 conditions setting out the requirements that the Company must satisfy. The Company holds resource consents to allow it to take from the Waingongoro River, the Kapuni Stream and from the groundwater; to discharge to land and to the Kapuni Stream; and to discharge emissions into the air.

During the period under review, the Company Agri-Nutrients demonstrated an overall high level of environmental performance.

The Company and the Council monitor the exercise of the resource consents. The monitoring programme includes site inspections, sampling of effluent, discharge and receiving waters (both ground and surface) for physicochemical analysis, and biological survey of affected streams. Particular attention is paid to the management of the irrigation disposal system, and its effects on groundwater quality.

The Council's monitoring programme included two inspections, 12 water samples collected for physicochemical analysis, and three air quality surveys.

Abstraction volumes from Waingongoro River complied with the consent limit. A required investigation into effects of the take on juvenile fish entrainment, and appropriate future monitoring, was continued. A contribution of \$30,000 towards riparian planting and management in Waingongoro catchment was made, the fourth of ten annual payments.

The groundwater monitoring indicates the presence of elevated nitrate concentrations in shallow groundwater. This is in part a result of heavy applications of nitrogen (effluent) early in the life of the plant. Current effluent application is considerably lower than previous application rates. However nitrate concentrations in the soil profile underneath the irrigation areas and in the tributaries flowing through or adjacent to the site remain elevated.

A narrow but concentrated plume of ammonia is present in the groundwater and extends from a previous leak in an effluent storage basin. This basin has since been repaired. A second more recent and more concentrated ammonia plume extends from the plant area. Both plumes have pump and treatment systems operating, with the contaminated groundwater pumped back through the plant and waste treatment system. Both plumes currently do not extend beyond the Company boundary site and are monitored.

Monitoring of the Kapuni Stream and its tributaries around the plant, through testing for nitrogen, as well as biomonitoring involving macroinvertebrate and fish surveys, has not detected any detrimental impact on the stream health caused by discharges from the Company site.

Air monitoring of the site and the neighbourhood shows no significant impact on the surrounding environment in relation to the operation of the ammonia urea plant.

During the monitoring period, no unauthorised incidents were reported to the Council.

Overall, during the period under review, the Company demonstrated a high level of environmental performance and a high level of administrative performance with its resource consents.

For reference, in the 2014-2015 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes recommendations for the 2016-2017 year.

16-70 Regional Cleanfill Monitoring Programme Annual Report 2015-2016

The Taranaki Regional Council (the Council) implements a co-ordinated monitoring programme for a number of cleanfill operators within the Taranaki region. Specifically this programme covers cleanfills operated by AA Contracting Limited (AA Contracting), A & A George Family Trust (George Family), AE Riddick (Riddick), BJ & LB Bishop (Bishop), Downer EDI Works Limited (Downer) (three sites), Gas and Plumbing Limited (Gas and Plumbing), Graham Harris (2000) Limited (Graham Harris), JW & CT Bailey Limited (Bailey), Taranaki Trucking Company Limited (Taranaki Trucking), and TPJ Partnership (TPJ).

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Council to assess the environmental performance at each of these sites during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of these cleanfilling activities.

Within this programme, the 12 consented cleanfill operations monitored hold a total of 16 resource consents, which include a total of 174 conditions that the cleanfill operators must satisfy. The consents covering the activities monitored under this programme consist of one consent to discharge leachate and stormwater, four consents relating to piping and culverts, and 11 consents to discharge cleanfill onto and into land.

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

George Family, Bishop, and Graham Harris demonstrated an overall good level of environmental performance.

The Council's monitoring programme included 33 inspections, with each site receiving either two or three scheduled inspections. Council also took 13 water samples for physicochemical analysis during the 2015-2016 year.

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

During the period under review AA Contracting, Riddick, Downer (Dorset Road), Bailey, Downer (Veale Road), Downer (South Road), Gas and Plumbing, Taranaki Trucking and TPJ demonstrated a high level of environmental and a high administrative performance with their resource consents. George Family, Bishop and Graham Harris demonstrated a good level of environmental and a high level of administrative performance with their resource consents.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental

performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

This report includes recommendations for the 2016-2017 monitoring period

16-80 Taranaki By-Products Monitoring Programme Annual Report 2015-2016

Taranaki By-Products Ltd (TBP) operates an animal rendering operation located on Kohiti Road at Okaiawa, in the Inaha catchment. Two rendering plants operate on the site: an inedibles plant owned by TBP, and a food grade plant owned by Taranaki Bio-Extracts Ltd (TBE). A trucking firm, Jackson Transport Ltd operates from the site also. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess TBP's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of TBP's activities.

Taranaki By-Products Ltd holds 13 resource consents, which include a total of 166 conditions setting out the requirements that they must satisfy. TBP holds two resource consents to allow it to take and use water, one consent for placing structures in a watercourse, one consent to realign a watercourse, four consents to discharge to the Inaha Stream and a tributary, three consents to discharge to land, and two consents to discharge emissions into the air at the site. Two of the consents were granted during the previous review period: one in February 2014 to take groundwater, the other in January 2015 to discharge emissions to air from burning of wood waste.

During the monitoring period, Taranaki By-Products Ltd demonstrated generally a good level of environmental performance.

Monitoring was carried out by both the Council and TBP. TBP monitors water abstraction rates, wastewater volumes and composition, effluent loadings on irrigation areas, bio-filter performance and weather conditions. The Council undertakes inspections of the plant site, irrigation and burial areas; water quality and biological monitoring in the Inaha Stream and its tributaries; riparian management, and groundwater surveys, and facilitates community and Iwi engagement meetings.

The Council's monitoring programme for the year under review included 14 inspections, 192 water samples collected for physicochemical analysis and two biomonitoring surveys of receiving waters. In addition, it undertakes continuous monitoring of the temperature of the cooling water discharge and of the Inaha Stream, and a staff gauge rating was maintained for measurement of flow in the stream.

The monitoring indicated compliance was achieved in terms of abstraction rates and volumes with respect to water takes from both the Inaha Stream and the associated groundwater abstraction bore. However, some data was missing from the surface water abstraction data provided to the Council, which was attributed to the Company's data storage issues.

The discharge of cooling water to the Inaha Stream was found to have complied with the relevant consent; in particular the tolerable temperature differential was not exceeded throughout the monitoring year. The discharge of wastewater to the Inaha, whereby the

discharge must meet a dilution rate of 300:1, was complied with, though a calculation error had resulted in a slightly lower dilution rate of 295 on a couple of occasions.

The analysis of wastewater entering the Inaha Stream, where the dissolved oxygen concentration must meet a standard of 1.0 g/m³ was complied with on two occasions of five. For the remaining key parameters of concern, pH, ammonia and BOD, compliance was achieved. The analysis of the cooling water revealed no exceedance when compared to the consent conditions.

During the 2015-2016 monitoring period, compliance with the annual nitrogen loading limits for effluent discharge to land was achieved. The average nitrogen loadings for the designated 300 kg N/ha areas were 31%, and 37% for the 200 kg N/ha. For individual paddocks, compliance was recorded for 97% of the irrigated areas where the limit to the loading rate is 300 kg N/ha, and for 97% for the paddocks in the Shearer block where the limit is 200 kg N/ha.

In terms of application of wastewater to individual paddocks, there were two exceedances in nitrogen loading. Paddock 34 received an additional 135 kg N over the year, which resulted in an exceedance by 18 kg N/ha of the consented loading rate, with an overall loading rate of 318 kg N/ha. Paddock S-26, which is limited to 200 kg, received an additional 8 kg N, which resulted in an exceedance by 11 kg N/ha of the consented loading rate, with an overall loading rate of 211 kg N/ha.

In terms of the application of fertiliser, the reported application of fertilisers decreased slightly from the previous period (a reduction of 9%), from 44,000 kg N to 40,000 kg N. In comparison to the discharge of wastewater to land, which is limited to 300 and 200 kg N/ha, the application of fertiliser has no limit.

In this period, six of 44 paddocks received applications of fertiliser greater than 300 kg N/ha, with the highest receiving 404 kg N/ha (paddock 6).

The combined budget of both fertiliser and wastewater in terms of kg nitrogen to land meant that eleven paddocks received an application greater than 300 kg N/ha, with six over 400 kg N/ha and five over 500 kg N/ha. The largest combined application in this period was 587 kg N/ha, on paddock 40.

Groundwater nitrate concentrations in some of the wastewater specific groundwater monitoring wells remained high in this monitoring period, namely wells GND1346, 1347, 1348 and 2226. These wells held concentrations close to or above 60 g/m³ N. This indicated that these locations are not capable of managing this level of application of wastewater in the future. Crop assimilation of fertiliser should be managed as to not adversely affect the groundwater.

An area which had been subject to high nitrate concentrations in the groundwater had responded swiftly to the reduction in wastewater application in that specific area in this period. Well GND1056 is an example of this, whereby the surrounding paddock/s had been put to crop for the majority of the monitoring year. This would imply that areas which are put to crop or not irrigated will respond with consequent decreasing concentrations over time.

The spring at Shearers property (used to supply local residents with drinkable water), continued to show an increasing trend this term, with its largest fluctuation increase to date,

an increase from 5.1 g/m³ N to 7.8 g/m³ N in a one month period, prior to dropping back to 4.2 g/m³ N by July 2016. Paddock loadings in this period ranged from 205 kg N/ha to 513 kg N/ha across the five paddocks in the immediate locality.

Surface water analysis of the Northern and Western tributaries indicated elevated nitrate in these water courses, although no issues were noted for the in-stream biology as assessed by the Council's biologists. The elevated nitrate in the surface waters was inferred to be a result of the irrigation of wastewater to land.

Two bio-monitoring surveys were undertaken of the Inaha Stream and its associated tributaries in this period. The conclusion of the late summer survey was that overall, there was no evidence that discharges from TBP had impacted on the freshwater macroinvertebrate communities present in the Inaha Stream. However, changes in habitat and habitat variation between sites make drawing strong conclusions from the data difficult.

In the upcoming monitoring period TBP will seek to mitigate elevated nitrate concentrations in the groundwater. This will occur by two means:

- the first will be the gradual removal of stickwater; while for technical reasons this cannot be removed immediately, TBP has began to reprocess this fluid, and to limit the amount discharged to the environment. The Company is now aware that its utilisation as a soil fertiliser is not sustainable in combination with the wastewater application to land. If this is not mitigated then the Council will require TBP to limit total combined nitrogen application rate to below 300 kg N/ha across all paddocks, not including the Shearer block which is already limited to 200 kg N/ha.
- the second will be the development of an updated wastewater land application plan. As previously discussed TBP has engaged a suitably qualified environmental professional to undertake this task. This will aid TBP in balancing their requirement to discharge to land with the sustainable management of the discharge areas so as to lessen the potential for elevated nitrate in this resource.

These two facets display a proactive approach by TBP to managing emerging environmental trends arising as a result of exercising their consents. It is noteworthy to mention that while there are elevated nitrate related effects due the applications of wastewater and fertiliser over time, the bio-monitoring has not indicated anything of an adverse nature in this monitoring period in surface waters.

This proactive approach will bring the TBP wastewater programme into line with the internal audits of their air quality system, which is audited by Golder Associates, a consulting company.

Air quality continues to be the primary source of complaints received by the Council against TBP. In comparison to the previous monitoring period when seven complaints were received with regard to odour related complaints, thirteen were received this term. 50% of complaints were substantiated by Council Officers in terms of actual noticeable odour. 43% were unnoticeable. As a result, the Council undertook additional odour surveys, all of which were inconclusive.

Developments have been undertaken by the Company, and it is the continued progress which the Council is most interested in. TBP undertook improvements that were identified after undertaking the biannual air quality audit in May 2015, albeit with minor

modifications. In the upcoming monitoring period this audit will occur again, as it is a consented obligation.

The recommendations will be implemented as TBP seek to continually mitigate the odour generation potential associated with this facility.

The Company's contribution to the Taranaki Tree Trust has been made each year since 1999. These contributions have been used to subsidise riparian planting along the main stream and its tributaries. The effect of these measures will be to increase shading, with consequent decrease in water temperature and in nuisance algal growth; to reduce stock access and bank erosion; to reduce nutrient and sediment input to watercourses; to enhance the stream's macroinvertebrate communities, and to enhance the appearance of the riparian margins.

At the end of 2015-2016, a total of \$34,260.86 of TBP funding had been spent on or was committed to riparian management covering planting of stream margins. The works were carried out throughout the catchment, mainly along reaches above the Okaiawa plant. Funding was granted to landholders at a rate of 50% on plants as a rebate.

During the year, generally TBP demonstrated a 'Good' level of environmental and a 'Good' level of administrative performance with the resource consents as defined in Section 1.1.4.

However, specifically two environmental compliance aspects in respect of significant issues will require improvement moving forward. These aspects are as follows:

- Commitment to mitigating odour (consent 4058-4). The implementation/recommendations from the upcoming site specific audit, to be undertaken by Golder Associates, will aim to progress with this area. The second audit was undertaken in May 2015 and the third audit will be undertaken in 2017 as it is a consented obligation.
- Commitment to mitigating significant nitrate trends in the groundwater (consent 3941-2). The engagement of a suitably qualified consultant (Pattle Delamore and Partners) is with the intent that they will seek to determine appropriate solutions and measures in this area.

Administrative compliance requires improvement in the following area:

- Commitment to the improving control of burning pallets, paper and cardboard on site with respect to 10054-1.

Of the ten consents for which environmental compliance is rated, two were rated 'improvement required', four were rated 'good' and four were rated 'high'.

For the abstraction of water from the Inaha Stream and groundwater, the environmental performance and administrative performance were rated at a good level.

For the abstraction of groundwater for industrial water supply, the environmental performance was rated as high, as was their administrative performance.

The wastewater discharge from the facility to the Inaha Stream was found to be of a good level of environmental compliance and was coupled with a good administrative performance.

In terms of the discharge of cooling water to the Inaha, this was found to have a high level of environmental compliance and administrative performance.

In terms of the discharges of stormwater to the Inaha tributary, this was rated as high for environmental and high for administrative compliance.

For the discharge of emissions to air, environmentally this was rated as 'improvement required'. This rating was due to the additional complaints received from the public this monitoring period. Conversely though, in terms of administration performance for this consent, TBP were rated good.

In respect of the Company's discharge of treated wastewater to land, TBP were rated as 'improvement required' with regard to their environmental performance. This was due to the continued elevation of nitrate in groundwater which is not sustainable. They were rated a 'good' for administrative performance as they provided accurate loading rates and amounts to the Council.

The waste burial area was rated as good environmentally and administratively, though an elevation in ammonia in groundwater nearby has been observed.

Finally, the consent to burn pallets and associated cardboard, was rated as good environmentally, however, administratively this activity was rated as improvement required, as defined in the inspection section. This rating was due to the observation that more control was required while undertaking this potentially polluting task.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by TBP over the last several years, this report shows that the consent holder's performance is improving, but still has some way to go to be considered satisfactory in all aspects.

This report includes recommendations for the 2016-2017 year.

16-83 Remediation NZ Limited Monitoring Programme Annual Report 2015-2016

Remediation NZ Ltd (RNZ) operates two worm farms which produce vermicast for fertiliser at two sites in Brixton. These sites are located on Waitara and Pennington Roads in Brixton, in the Waiongana catchment. RNZ also operates a remediation, composting and vericulture operation on Mokau Road at Uruti in the Mimi catchment.

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess RNZ's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of RNZ's activities.

RNZ holds eight resource consents, which include a total of 107 conditions setting out the requirements that they must satisfy. These eight consents cover the activities across the three sites of RNZ.

During the monitoring period, RNZ Uruti demonstrated an overall need for improvement in their level of environmental performance.

During the monitoring year, RNZ Waitara and Pennington Road facilities demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the year under review included 15 inspections, 66 water samples collected for physicochemical analysis, four composite soil samples, one biomonitoring survey of receiving waters and a fish netting survey.

The monitoring at Uruti showed that similar to the previous monitoring period, salinity trends in the groundwater were increasing in the specific irrigation areas. This is further supported by the increasing sodium absorption ratio found in the soil analyses of these specific areas this period. RNZ must enact their tiered approach as specified by their site specific management plan to mitigate these issues moving forward.

Biological monitoring upstream of the site concluded that the acroinvertebrate communities were of average to above average health, while the communities of the two sites downstream of the site showed deterioration. However, no undesirable heterotrophic growths were recorded at any of the seven sites in this survey. The Council will undertake additional sampling of the lower reaches of the Haehanga Stream during low flows, to better understand of the decline in biological species in this specific area.

Surface water analysis indicated two exceedances with respect to the consent conditions during this period, including an increase in un-ionised ammonia. RNZ identified bank instability in the vicinity of a new worm bed to be the reason and this was accepted by Council.

RNZ required prompting to maintain the function of the irrigation system this period and the Council issued an abatement notice to undertake stabilisation of the associated bank to prevent the potential for an uncontrolled discharge to the Haehanga Stream.

There was one unauthorised incident recording non-compliance in respect of this consent holder during the period under review, as discussed above.

RNZ demonstrated a high level of both environmental and administrative performance for their two facilities located on the Waitara and Pennington Roads, while environmentally, improvement is required at RNZ's Mokau Road facility at Uruti, though administration there was rated as good.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that RNZ's performance remains at a level that requires improvement in terms of the Uruti facility and maintained a high level for their Brixton facilities.

This report includes recommendations for the 2016-2017 year.

16-84 Vector Kapuni GTP Monitoring Programme Annual Report 2015-2016

Vector Gas Ltd (Vector), operates a gas treatment plant (Kapuni Gas Treatment Plant, KGTP) located on Palmer Road at Kapuni, in the Kapuni catchment. This report for the period July 2015-June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess Vector's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of Vector's activities.

Vector holds a total of ten resource consents, which include a total of 88 conditions setting out the requirements that they must satisfy. Vector holds one consent to allow it to take water, two consents to discharge effluent/stormwater into the Kapuni Stream, four consents to discharge to land, two land use permits, and one consent to discharge emissions into the air at this site. Two certificates of compliance are held, in relation to activities permitted under the Regional Freshwater Plan.

During the monitoring period, Vector Gas Ltd demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the year under review included two inspections, six water samples collected for physicochemical analysis, and a review of four biomonitoring and two electric fishing surveys of receiving waters.

Inspections and monitoring undertaken throughout the year indicated that as in previous years the site was clean, well managed with prominent housekeeping evident throughout the facility.

The biological monitoring indicated that the Kapuni Stream was in good health and the impact (if any) of the industrial activity at Kapuni was not discernible.

Compliance was achieved in the inter-laboratory comparisons in as much as both sets of samples indicated that the discharge was below the conditional limits set by the consent. However, there did exist a variation between the samples analysed by Vector and the Council on one occasion of the two and this will be addressed in the upcoming monitoring period.

There were no unauthorised incidents recording non-compliance in respect of this consent holder during the period under review.

During the year, Vector demonstrated a high level of environmental and administrative performance with the resource consents.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance is remains at a high level.

This report includes recommendations for the 2016-2017 year, including a recommendation relating to an optional review of consents 1123-3, 1125-4, 1225-3, 4087-2, 5090-1, 5091-1, 7043-1, 7281-1 and 7755-1.

16-85 CD Boyd Drilling Waste Stockpiling Landfarm/Landspreading Monitoring Programme Annual Report 2015-2016

Colin Boyd (the consent holder), in conjunction with operator MI SWACO, operates two drilling waste stockpiling facilities and a landspreading operation on his property, near Inglewood, within the Waitara catchment, Taranaki. These sites are located on adjoining properties off Derby Road North and Surrey Road respectively. Analytically quantified drilling waste, consisting of water based and synthetic based muds are stockpiled at each facility prior to application across defined paddocks at specific, concentrations below the limits specified within the relevant consents.

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess the consent holder's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of the Consent holder's activities.

The consent holder holds four resource consents, one of which is through a subsidiary company which is owned by the consent holder; Surrey Road landfarms. These consents include a total of 64 conditions which set out the requirements that the consent holder must satisfy. The consent holder holds one consent to discharge stormwater into the Managamawhete Stream, and three consents to stockpile and discharge drilling waste from hydrocarbon exploration activities onto and into land via landspreading/landfarming.

During the monitoring period, the consent holder demonstrated an overall good level of environmental performance.

The Council's monitoring programme for the year under review included 18 inspections, 50 water samples collected for physicochemical analysis, six composite soil samples and four biomonitoring surveys of receiving waters.

The monitoring indicated that the now closed Derby Road facility did not have any significant adverse effect on the environment; it also indicated that the landspreading operation was for the most part in accordance with the consent for the Derby Road facility. However, at certain times; the Derby Road facility was found to be non-compliant with an abatement notice for the second part of the year. The landspreading had required prompting from Council to regard application distances and buffers.

The Surrey Road facility did not affect the stream species abundance of the Mangatengehu Stream which had been affected in the previous monitoring period. Improved engineering control in line with best practicable option appears to have mitigated the detrimental effects. The operator must be mindful to keep pro-active with management of the Surrey Road stockpiling facility which still contains a residual amount of drilling material; 150 m³ will require management in the up coming period.

During the year, the consent holder demonstrated a **good** level of environmental performance, but with operational issues evident at each site, the administrative performance with the resource consents was poor. Three infringement notices and two abatement notices had to be

issued with compliance with one of the abatement notices still to be established at the years end.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at an unacceptable level in the year under review.

This report includes recommendations for the 2016-2017 year.

16-89 Origin Energy Landfarms Monitoring Programme Annual Report 2015-2016

Origin Energy Resources NZ Limited (Origin Energy) managed four drilling waste landfarming sites. Three of the consents associated with these facilities were originally held by Swift Energy NZ Ltd and were transferred to Origin Energy in 2008 (Kauri A, Spence Road and Schrider). The fourth consent was held by AR Geary.

The sites are located on Geary Road at Manutahi, in the Waikaikai catchment (Geary, Kauri A and Schrider sites); and on Spence Road, Kakaramea, in the Kaikura catchment. Disposals at the Kauri A site were completed in 2003, while for Geary and Schrider sites were completed in 2006 and 2011 respectively. The areas have since been reinstated to productive farmland. Disposals at the Spence site were completed in 2012. Schrider, Spence and Geary sites were continually monitored and reported on annually.

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess the environmental performance during the period under review, and the results and environmental effects of their activities.

The Council's monitoring programme for the year under review included four inspections, eight soil samples and a review of soil sampling results undertaken by an environmental consultant in respect of the remediation exercise undertaken on the former landfarm storage area of Spence Road.

Origin Energy held three resource consents, which include a total of 76 conditions setting out the requirements that they must satisfy. AR Geary held one resource consent, which included a total of 27 conditions. These consents allow for the discharge of drilling waste onto and into land via landfarming and are all administered by Origin Energy.

During the monitoring period, Origin Energy demonstrated an overall high level of environmental performance.

All four consents were processed for surrender in this period as analysis undertaken by both Origin Energy and the Council indicated that contaminants of concern were within the limits to allow for the surrender of the consents.

Spence Road specifically underwent remediation of the former storage pit area. The contaminated soil excavated and relocated to the current WRS landfarm of Symes

Manawapou, where it will undergo further remediation. Origin Energy brought in clean-fill, post analysis and approvals by the Council, to backfill the former storage pits and return them to pasture.

There were no unauthorised incidents recording non-compliance in respect of this consent holder during the period under review.

During the year, Origin Energy demonstrated a high level of both environmental and administrative performance with their resource consents.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance has remained at a high level.

This report includes recommendations for the 2016-2017 year

16-91 Waste Remediation Services Ltd Waikaikai Landfarm Monitoring Programme Annual Report 2015-2016

Waste Remediation Services Ltd (hereafter the Company) holds consent to manage and operate a drilling waste landfarm located off Lower Manutahi Road at Manutahi, Waikaikai Landfarm. In this monitoring period, the Company did not receive any new deliveries of landfarmable material.

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess the Company's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of the Company's activities.

The Company holds one resource consent, which includes a total of 31 conditions setting out the requirements that the Company must satisfy. The consent allows the discharges of drilling wastes from hydrocarbon exploration and production activities, oily wastes from wellsites and contaminated soil onto and into land via landfarming.

During the monitoring period, Waste Remediation Services Ltd demonstrated an overall Good level of environmental performance.

The Council's monitoring programme for the year under review included six inspections, 20 groundwater samples and six composite soil samples collected for physicochemical analysis.

The monitoring showed that salinity impacts in the groundwater in the direct locality of storage cells are still apparent, though reducing when compared to the previous monitoring year, whereby only one monitoring well remains above the conditional total dissolved salts limit of 2,500 mg/L. The Company, upon request of the Council, removed the unlined cell (termed 'contingency' cell) from the storage facility, which marked the removal of the last unlined storage cell in Taranaki. Total heavy metal analysis undertaken by the Council

indicated concentrations close to or below Taranaki natural background concentrations for these target metals in the soil. Previously landfarmed areas were inspected and found to be re-vegetated to a high standard and growing well, with low concentrations of hydrocarbons analysed across each area.

There were no unauthorised incident recording non-compliance in respect of this consent holder during the period under review.

During the year, the Company demonstrated a good level of environmental and administrative performance with the resource consents.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a good level in the year under review.

This report includes recommendations for the 2016-2017 year.

16-97 Port Area Industrial Catchments Monitoring Programme Annual Report 2015-2016

This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council to assess the environmental performance of consent holders in the Port Area Industrial Catchments of New Plymouth during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of the Companies' activities. This report was formerly known as the Hongihongi and Herekawe Streams Joint Monitoring Programme Annual Report.

This report covers consents held by various consent holders in the Hongihongi catchment, Herekawe catchment, Huatoki catchment, and unnamed catchment 61, all being adjacent to the Port of Taranaki and collectively known as the Port Area Industrial Catchments. Seventeen resource consents, which include a total of 157 conditions, are held by eleven consent holders in the port industrial area. These include two consents to discharge contaminants to land, two consents to discharge contaminants and stormwater to land and water, seven consents to discharge contaminants to the coastal marine area, and six consents to discharge contaminants/stormwater to water.

During the monitoring period the consent holders monitored within the Port Area Industrial Catchments demonstrated an overall high level of environmental performance.

Monitoring of consent holder sites covered by this report consisted of up to four inspections each per site, with discharge sampling on two occasions at most of the sites.

On most occasions the sites were found to be well maintained, banded areas secure and stormwater treatment systems operating effectively. Macroinvertebrate surveys in the Herekawe Stream did not indicate any recent detrimental effect on the macroinvertebrate communities due to the discharge of treated stormwater.

There were two incidents logged in the catchments associated with this programme. One incident was in relation to an exceedance in the concentration of suspended solids in the discharge from Molten Metals Ltd scrap yard and as a result an abatement notice was issued. Another incident was logged in response to a complaint in regard to fire fighting foam blowing off site during a fire fighting exercise at Shell Todd Oil Services facility at the Omata tank farm.

During the year, companies monitored within the Hongihongi and Herekawe catchments overall demonstrated a high level of environmental performance and compliance with resource consents, however in the case of Molten Metals Ltd, an improvement was required in environmental performance as a result of an exceedance in the concentration of suspended solids in the discharge from the site.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder's over the last several years, this report shows that the consent holders' performance remains at a high level for all consent holders with exception of Molten Metals Ltd whose performance remains at a level that requires improvement

This report includes recommendations for the 2016 -2017 year.

16-98 Lower Waiwhakaiho Catchment Monitoring Programme Annual Report 2015-2016

The Lower Waiwhakaiho River catchment monitoring programme addresses discharges by several consent holders in the Fitzroy area of New Plymouth. The report covers the period July 2015 to June 2016, and is the 23rd report for this combined monitoring programme.

The Waiwhakaiho River catchment is significant for the Taranaki region. It is used for domestic, agricultural and industrial water supply, hydroelectric power generation, recreational purposes, and waste assimilation. It is also important to the local hapu. Because of the pressure on the river, the Taranaki Regional Council (the Council) adopted a water management plan for the river in September 1991.

At the end of the 2015-2016 monitoring period a total of 22 consents were held by the 14 industries monitored under this programme that discharge wastewater, stormwater and/or leachate from the industrial area at Fitzroy, New Plymouth to the lower Waiwhakaiho River and Mangaone Stream, or to land in the lower Waiwhakaiho and Mangaone Stream catchments. The activities and impacts of the consent holders upon water quality are discussed, as is the extent of their compliance with their permits, and their overall environmental performance. There is a separate report covering emissions to air within the catchment.

During the year under review, the companies generally demonstrated a good level of environmental performance and a high level of administrative performance.

The monitoring programme has included 51 site inspections, 102 samples of discharges, groundwater and receiving waters, and 4 biomonitoring surveys of the Waiwhakaiho River and Mangaone Stream.

In the lower Waiwhakaiho River and Mangaone Stream, the biomonitoring surveys generally reported results that were similar to or better than long term historical medians. In the period under review it was found that all Waiwhakaiho River sampling sites generally recorded community richnesses similar to or slightly above long term medians for their respective sites. There was a typical downstream decrease in MCI scores between the sites, but these results did not indicate any significant effects of stormwater or wastewater discharges from the Fitzroy industrial area on the macroinvertebrate communities of the Waiwhakaiho River. The results from the Mangaone Stream exhibited the expected and typical downstream decrease in MCI scores, however in this instance noticeable deterioration of SQMCI scores were noted in the lower reaches of the Mangaone Stream during the summer survey. Also noted are successively decreasing MCI scores at site MGO000150 in the middle reaches of the Mangaone Stream.

There continued to be evidence of nutrient enrichment occurring in the lower Mangaone Stream. Chemical monitoring shows that stormwater from the fertiliser distribution depot (and old fertiliser works) presently owned and operated by Ravensdown Fertiliser Co-operative Ltd, is still a source of nutrients.

Elevated levels of the light organic preservative chemicals Tebuconazole and Propiconazole were found in the Mangaone Stream downstream of Taranaki Sawmills Ltd during one wet weather survey. The levels found, whilst exceeding national environmental exposure limits (EELS), were found to be well within the empirical NOEC's (no observable effect concentrations) for aquatic life developed by the European Chemical Agency and the Cawthron Institute.

Monitoring of groundwater and leachate in relation to the old landfill area off Bewley Road showed that with exception of one ammoniacal nitrogen result, all of the samples collected from the three monitoring bores complied with consent limits.

There were six unauthorised incidents recorded that were associated with the consents covered by this report, one of which resulted in an abatement notice being issued. There were a further four incidents associated with actual or potential discharges to water within the lower Waiwhakaiho industrial area, of which one was found to be breaching regional rules and resulted in an abatement notice being issued.

During the period under review, AML Ltd demonstrated a good level of administrative performance and a high environmental performance and compliance, with their resource consent.

During the period under review, Downer EDI Works Ltd demonstrated a good level of environmental and high level of administrative performance and compliance with their resource consent in relation to its site at Rifle Range Road.

During the period under review, Envirowaste Services Ltd demonstrated a good level of environmental and high level of administrative performance and compliance with their resource consent.

During the period under review, Firth Industries Ltd demonstrated a good level of environmental performance and a good level of administrative performance and compliance with their resource consent.

During the period under review, Fitzroy Engineering Group Ltd demonstrated a high level of environmental performance and high level of administrative performance and compliance with their resource consent.

During the period under review, Freight and Bulk Transport Holdings Ltd demonstrated a high level of administrative performance and a good level of environmental performance and compliance with their resource consents.

During the period under review, Katere Stores Ltd demonstrated a high level of environmental performance and good level of administrative performance and compliance with their resource consent.

During the period under review, the Nankervis Family Trust demonstrated a good level of environmental and high level of administrative performance and compliance with their resource consent.

During the period under review, New Plymouth District Council demonstrated a high level of environmental performance and high level of administrative performance and compliance with its resource consents.

During the period under review, New Zealand Railways Corporation Ltd demonstrated a high level of environmental performance and high level of administrative performance and compliance with their resource consents.

During the period under review, Ravensdown Fertiliser Co-operative Ltd demonstrated a high level of administrative performance; however an improvement was required in the level of Ravensdown's environmental performance. An abatement notice was issued after two instances of significant offsite product tracking.

During the period under review, Taranaki Sawmills Ltd demonstrated a good level of environmental performance and high level of administrative performance and compliance with the resource consents in relation to its site on Katere Road.

During the period under review, Technix Group Ltd demonstrated a high level of environmental performance and high level of administrative performance and compliance with their resource consents.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

When compared to previous monitoring periods, overall, a good level of environmental performance is being maintained in the Lower Waiwhakaiho Catchment.

This report includes recommendations for the 2016-2017 year.

16-106 Todd Energy Limited Mangahewa D (Hydraulic Fracturing) Monitoring Programme Annual Report 2014-2016

This report for the period July 2014 to June 2016 outlines and discusses the results of the monitoring programme implemented by the Taranaki Regional Council (the Council) in relation to hydraulic fracturing activities conducted by Todd Energy Limited (Todd) at their Mangahewa-D wellsite. The wellsite is located on Rimutauteka Road, Inglewood and lies within the Waitara Catchment. This report also assesses Todd's level of environmental performance and compliance with the resource consents held in relation to the activity.

Todd hold resource consent 7912-2.1, authorising the discharge of water based hydraulic fracturing fluids into land at depths greater than 3,325 metres true vertical depth subsea (TVDss) beneath the Mangahewa-D wellsite. This consent was issued by the Council on 10 November 2015 replacing consent 7912-2 which was issued on 30 June 2014. Consent 7912-2.1 contains a total of 17 special conditions which set out the requirements that Todd must satisfy.

The programme of hydraulic fracturing undertaken by Todd at Mangahewa-D between July 2014 and June 2016 included the fracturing of four wells. The wells targeted for stimulation were Mangahewa-21, Mangahewa-22, Mangahewa-23, and Mangahewa-24. The hydraulic fracturing of these wells took place between June 2015 and January 2016.

During the monitoring period, the Company demonstrated an overall high level of environmental performance.

The programme of monitoring implemented by the Council in relation to hydraulic fracturing activities at the Mangahewa-D wellsite was initiated in 2011. This report details the results of monitoring conducted during the 2014-2015 and the 2015-2016 monitoring years. A previous report published by the Council covers the results of monitoring undertaken over the period 2011-2014.

The programme of monitoring implemented by the Council during the period being reported included pre and post discharge groundwater sampling. Biomonitoring surveys were also carried out to assess the impact of any site discharges during the fracturing programme on unnamed tributaries of the Manganui River. Samples of hydraulic fracturing fluids, and fluids returning to the wellhead post-fracturing, were also obtained for physicochemical analysis in order to characterise the discharges and to determine compliance with consent conditions.

The monitoring carried out by the Council indicates that the hydraulic fracturing activities undertaken by Todd had no significant adverse effects on local groundwater or surface water resources. There were no unauthorised incidents recording non-compliance in respect of the resource consents held by Todd in relation to these activities or provisions in regional plans, during the period under review.

Todd demonstrated a high level of environmental and good level of administrative performance and compliance with the resource consents over the reporting period.

For reference, in the 2015-2016 year, 71% of consent holders achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance.

This report includes recommendations for the future monitoring of any hydraulic fracturing activities at the Mangahewa-D wellsite.

16-115 Contact Energy Stratford Power Station Monitoring Programme Annual Report 2015-2016

Contact Energy operates the Stratford Power Station located on State Highway 43 near Stratford in the Patea catchment, and the associated underground Ahuroa Gas Storage facility located 7.5 km away in the Waitara catchment. Contact Energy holds resource consents that provide for the operation of the power station, gas storage and connecting pipeline. The consents allow it to abstract water from the Patea River and Kahouri Stream, to discharge to the Patea River and the Kahouri and other streams, and onto and into land, to provide for several structures across streams, and to discharge emissions into the air.

This report describes the monitoring programme implemented by the Council to Contact Energy's environmental performance, and the results of the monitoring undertaken and assesses the environmental effects of Contact Energy's activities.

During the monitoring period, Contact Energy demonstrated an overall high level of environmental performance.

For the power station, the report covers the period July 2015-June 2016, the eighteenth year of its operation. For the gas storage and pipeline, this is the third monitoring report, covering the period July 2015 to June 2016.

In relation to Stratford Power Station, Contact Energy holds 27 resource consents, which include a total of 232 conditions setting out the requirements that the consent holder must satisfy. These consents provide for three gas-fired plants, including a combined-cycle plant, a smaller, open-cycle peaking plant, and a yet-to-be-built plant similar to either of the existing plants.

The Council's annual monitoring programme for the year under review included three site inspections, 12 water samples collected for physico-chemical analysis, and three bio-monitoring surveys of receiving waters. Water abstraction, wastewater discharge, and air emission monitoring results were provided by Contact Energy to the Council. There was ongoing consultation between the Council and Contact Energy staff.

The monitoring showed that the power station continued to be well managed and any environmental impacts were negligible.

During the year, Contact Energy demonstrated a high level of environmental performance and high level of administrative performance with the resource consents for the Stratford Power Station. The Company has achieved a high level of performance throughout the station's eighteen years of operation.

For Ahuroa Gas Storage, Contact Energy holds a total of 10 resource consents, which include a total of 135 conditions setting out the requirements that the Company must satisfy. For the pipeline, a total of 17 resource consents are held, with a total of 170 conditions.

The Council's annual monitoring programme included two inspections and two stormwater sample collected for physico-chemical analysis at the gas storage site. Data on gas injection and flaring volumes and an annual report were provided by Contact Energy to the Council.

During the year, Contact Energy demonstrated a high level of environmental performance and high level of administrative performance with the resource consents for the Ahuroa Gas Storage facility.

There was ongoing consultation between the Council and Contact Energy staff. For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes recommendations for the 2016-2017 year.

16-117 STOS Maui Production Station Monitoring Programme Annual Report 2015-2016

Shell Todd Oil Services Ltd (STOS) operates the Maui Production Station located on Tai Road, Oaonui, in the Ngapirau catchment. This report for the period July 2015 to June 2016 describes the monitoring programme implemented by the Taranaki Regional Council (the Council) to assess STOS's environmental performance during the period under review. The report also details the results of the monitoring undertaken and assesses the environmental effects of STOS's activities.

STOS holds four resource consents, which include a total of 34 conditions setting out the requirements that they must satisfy. STOS holds two consents relating to discharges to water, one consent to discharge emissions to the air, and one to maintain a structure in the coastal marine area. Wood Group M & O also holds one consent relating to the Maui Production Station. The consent is for a discharge to water, and has seven conditions setting out requirements that must be satisfied.

During the monitoring period, Shell Todd Oil Services Ltd demonstrated an overall high level of environmental performance.

The Council's monitoring programme for the year under review included six inspections, five water samples collected for physicochemical analysis, one biomonitoring survey of receiving waters, and two ambient air quality analyses.

Receiving water inspections, in conjunction with sampling conducted by both the Council and STOS during the 2015-2016 period, showed that the discharges were not causing any adverse effects on the Ngapirau Stream at the time. This was supported by the findings of the macroinvertebrate survey carried out in the stream.

There were no adverse effects noted on the environment resulting from the exercise of the air discharge consents. The ambient air quality monitoring at the Maui Production Station showed that levels of carbon monoxide, combustible gases, PM10 particulates and nitrogen oxides were all below levels of concern at the time of sampling. No offensive or objectionable odours were detected beyond the boundaries during inspections and there were no complaints in relation to air emissions from the sites.

During the period under review, STOS demonstrated an overall high level of both environmental performance and administrative compliance with the resource consents. There were no unauthorised incidents recorded by the Council in relation to STOS's activities. The Maui Production Station was well managed and maintained.

For reference, in the 2015-2016 year, 71% of consent holders in Taranaki monitored through tailored compliance monitoring programmes achieved a high level of environmental performance and compliance with their consents, while another 24% demonstrated a good level of environmental performance and compliance with their consents.

In terms of overall environmental and compliance performance by the consent holder over the last several years, this report shows that the consent holder's performance remains at a high level.

This report includes a recommendation for the 2016-2017 year.

Decision-making considerations

Part 6 (Planning, decision-making and accountability) of the *Local Government Act 2002* has been considered and documented in the preparation of this agenda item. The recommendations made in this item comply with the decision-making obligations of the *Act*.

Financial considerations—LTP/Annual Plan

This memorandum and the associated recommendations are consistent with the Council's adopted Long-Term Plan and estimates. Any financial information included in this memorandum has been prepared in accordance with generally accepted accounting practice.

Policy considerations

This memorandum and the associated recommendations are consistent with the policy documents and positions adopted by this Council under various legislative frameworks including, but not restricted to, the *Local Government Act 2002*, the *Resource Management Act 1991* and the *Biosecurity Act 1993*.

Legal considerations

This memorandum and the associated recommendations comply with the appropriate statutory requirements imposed upon the Council.

Appendices/Attachments – 26 separate reports

Report Name	Reporting period	pdf number
16-15 McKechnie Aluminium Monitoring Programme Annual Report 2015-2016	2015-2016	1805066
16-16 Dow AgroSciences NZ Monitoring Programme Annual Report 2015-2016	2015-2016	1806247
16-18 Greymouth Petroleum Kaimiro Production Station Monitoring Programme Annual Report 2015-2016	2015-2016	1777949
16-24 STOS Kapuni Monitoring Programme Annual Report 2015-2016	2015-2016	1801851
16-28 Stratford District Council Wastewater Treatment Plant Monitoring Programme Annual report 2015-2016	2015-2016	1803556
16-30 STDC Waverly, Kaponga, Manaia and Patea Municipal Wastewater Treatment Plant Systems Monitoring Programmes Annual Report 2015-2016	2015-2016	1808867
16-31 STDC Opunake WWTP Monitoring Programme Annual Report 2015-2016	2015-2016	1807399
16-39 Port Taranaki Limited Dredging Monitoring Programme Annual Report 2015-2016	2015-2016	1801280
16-40 Fonterra Whareroa Monitoring Programme Annual Report 2015-2016	2015-2016	1802168
16-43 NPDC NPWWTP Monitoring Programme Annual Report 2015-2016	2015-2016	1800352
16-44 NPDC Coastal Structures Monitoring Programme Annual Report 2015-2016	2015-2016	1745716
16-53 Riverlands ANZCO Eltham Monitoring Programme Annual Report 2015-2016	2015-2016	1820992
16-54 Silver Fern Farms - Waitotara Monitoring Programme Annual Report 2015-2016	2015-2016	1820016
16-55 Ballance Agri-Nutrients Monitoring Programme Annual Report 2015-2016	2015-2016	1820448
16-70 Regional Cleanfill Monitoring Programme Annual Report 2015-2016	2015-2016	1787798
16-80 Taranaki By-Products Monitoring Programme Annual Report 2015-2016	2015-2016	1789808
16-83 Remediation NZ Limited Monitoring Programme Annual Report 2015-2016	2015-2016	1778664
16-84 Vector Kapuni GTP Monitoring Programme Annual Report 2015-2016	2015-2016	1803343
16-85 CD Boyd Drilling Waste Stockpiling Landfarm/Landspreading Monitoring Programme Annual Report 2015-2016	2015-2016	1802020
16-89 Origin Energy Landfarms Monitoring Programme Annual Report 2015-2016	2015-2016	1791342
16-91 Waste Remediation Services Ltd Waikakai Landfarm Monitoring Programme Annual Report 2015-2016	2015-2016	1802955
16-97 Port Area Industrial Catchments Monitoring Programme Annual Report 2015-2016	2015-2016	1753715
16-98 Lower Waiwhakaiho Catchment Monitoring Programme Annual Report 2015-2016	2015-2016	1798542
16-106 Todd Energy Limited Mangahewa D (Hydraulic Fracturing) Monitoring Programme Annual Report 2014-2016	2015-2016	1742940
16-115 Contact Energy Stratford Power Station Monitoring Programme Annual Report 2015-2016	2015-2016	1800627
16-117 STOS Maui Production Station Monitoring Programme Annual Report 2015-2016	2015-2016	1802653

See final two pages of this agenda document for links to all the above reports

Agenda Memorandum

Date 31 January 2017



**Memorandum to
Chairperson and Members
Consents and Regulatory Committee**

**Subject: Incident Register – 1 November 2016 to
12 January 2017**

Approved by: A D McLay, Director Environment Quality
B G Chamberlain, Chief Executive

Document: 1806596

Purpose

The purpose of this memorandum is to allow the Council to consider and receive the summary of the Incident Register for the period 1 November 2016 to 12 January 2017.

Executive summary

There are 151 incidents reported.

64 of the incidents were found to be compliant and 70 were found to be non-compliant. 17 of the incidents reported relate to non-compliance from previous periods (updates). The action taken is set out for Members information.

There were 46 non-compliant incidents reported as a result of the 2016/2017 annual dairy inspection round, from 362 monitoring inspections. Arising from the oxidation pond system non-compliance some farms are moving to land based discharge systems before their resource consents expire.

Recommendations

That the Taranaki Regional Council:

1. receives this memorandum
2. receives the summary of the Incident Register for the period from 1 November 2016 to 12 January 2017, notes the action taken by staff and adopts the recommendations therein

Background

The Council receives and responds to pollution events and public complaints throughout the year. Compliance monitoring undertaken can also identify non-compliance. This information is recorded in the Incident Register together with the results of investigations and any follow-up actions. Incidents are publicly reported to the Council through the Consents and Regulatory Committee via the Incident Register or the Annual Compliance Monitoring Reports.

Attached is the summary of the Incident Register for the period from 1 November 2016 to 12 January 2017.

Disclosure Restrictions

The incident register information presentation was reviewed in 2014-2015 to increase reader understanding. The first section addresses compliant incidents and can be publically discussed. The second section provides an update on non-complaint incidents from previous meetings and where an incident has been resolved it can be publically discussed. The third section provides information on non-compliant incidents during the period that are still under investigation and staff are limited in terms of public disclosure of information while the investigation is ongoing and enforcement responses have not been determined. The incident register flow chart and definition of terms provide further detail.

Discussion

Council responds to all complaints received with most complaints responded to within four hours. Responses to complaints and non-compliances with rules in the Council's regional plans, resource consents and the Resource Management Act 1991 are recorded in the Incident Register. Where necessary, appropriate advisory or enforcement actions are implemented. The latter may include issuing an inspection, abatement or infringement notice, or initiating a prosecution. Where an infringement notice or prosecution is possible, details of the incident in the Incident Register and staff comment will be restricted for legal reasons. Further information will be provided at a later date to the Council and for prosecutions a detailed report will be provided, in the confidential section of the agenda.

A summary of incidents for the period 1 November 2016 to 12 January 2017 is attached. The 'compliant' incidents are presented first in a table and the 'non-compliant' incidents are presented after in a more detailed summary.

Generally incidents in the 'compliant' table have a recommendation of 'no further action'. However, an incident is considered 'compliant' until such time as a non-compliance is found. Therefore occasionally an incident in the 'compliant' table will have a recommendation of 'investigation continuing', if an ongoing investigation is still underway to confirm compliance.

A series of graphs are also attached comparing the number of incidents between 2015-2016 and 2016-2017, and also showing how the incidents are tracking in 2016-2017 in relation to environment type and compliance status. There is also a graphs showing enforcement action taken to date during 2016-2017.

Decision-making considerations

Part 6 (Planning, decision-making and accountability) of the *Local Government Act 2002* has been considered and documented in the preparation of this agenda item. The recommendations made in this item comply with the decision-making obligations of the *Act*.

Financial considerations—LTP/Annual Plan

This memorandum and the associated recommendations are consistent with the Council's adopted Long-Term Plan and estimates. Any financial information included in this memorandum has been prepared in accordance with generally accepted accounting practice.

Policy considerations

This memorandum and the associated recommendations are consistent with the policy documents and positions adopted by this Council under various legislative frameworks including, but not restricted to, the *Local Government Act 2002*, the *Resource Management Act 1991* and the *Biosecurity Act 1993*.

Legal considerations

This memorandum and the associated recommendations comply with the appropriate statutory requirements imposed upon the Council.

Appendices/Attachments

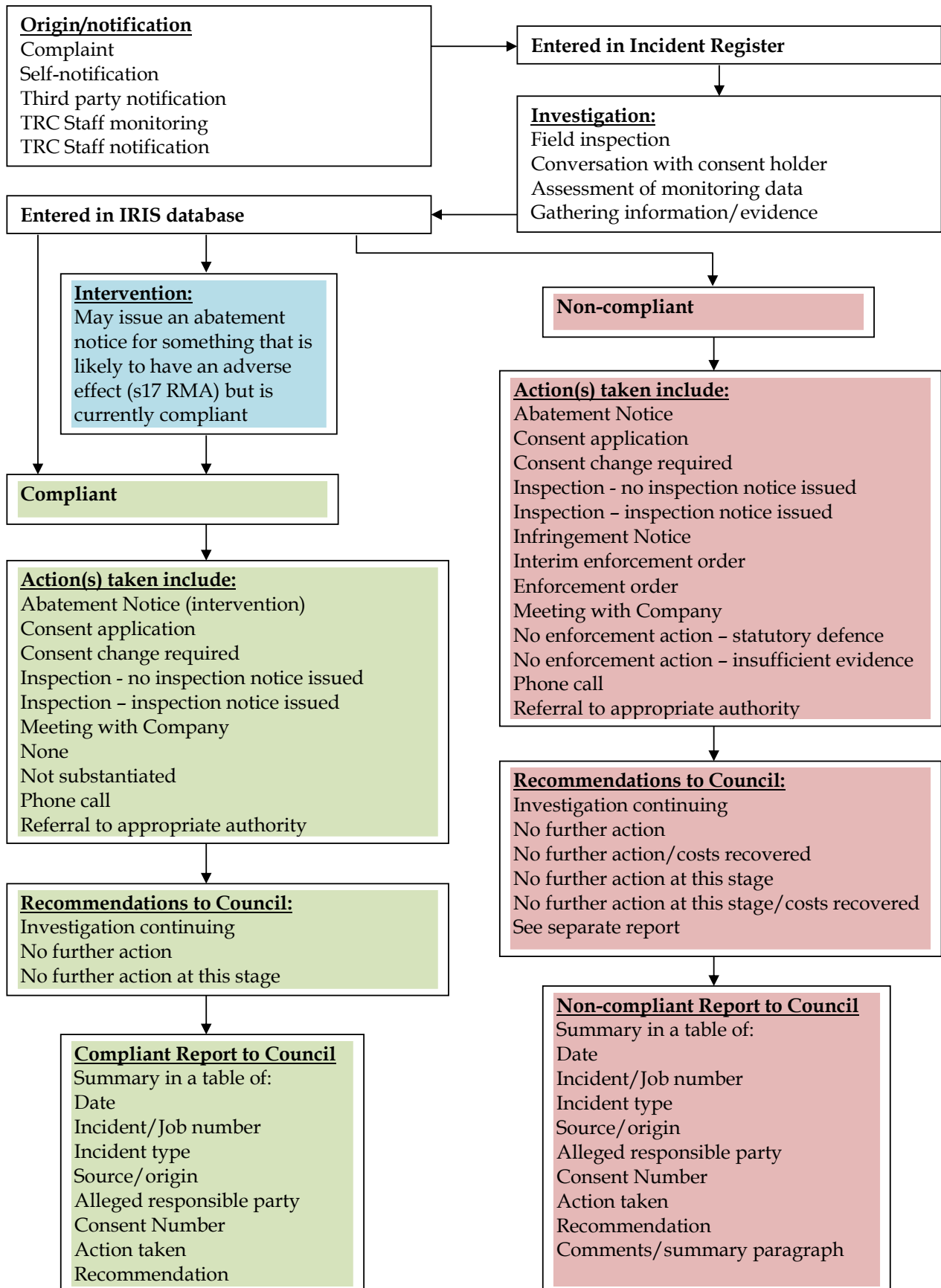
Incident Register flowchart and terms explained (document #1081324).

Incidents - Agenda graphs to 12 January 2017 (document #1805944).

Incident Summary - 1 November 2016 to 12 January 2017 (document #1806932).

Incident Register 2015

Doc # 1081324



Terms explained

Compliance rating

Compliant	After investigation the incident was found to be <u>compliant</u> with environmental standards or other regulations, permitted rules in a regional plan (e.g. RFWP, RAQP, RCP allowed), a resource consent and/or the Resource Management Act 1991.
Non-compliant	After investigation the incident was found to be <u>non-compliant</u> with environmental standards or other regulations, rules in a regional plan, a resource consent and/or the Resource Management Act 1991

Origin/Notification:

Complaint	Notification of incident received from public.
Self notification	Notification of incident received from the responsible party.
Third Party Notification	Notification of incident received from third party such as New Zealand Fire, District Council etc.
TRC Staff monitoring	Notification of incident found during routine compliance monitoring.
TRC Staff notification	Notification of incident found during unrelated monitoring/field work.

Action/s Taken:

14 day Letter	A letter was sent requesting an explanation for the non-compliance and why enforcement action should not be considered. The recipient is given 14 days to reply.
Abatement Notice	A notice was issued requiring something to be undertaken or something to cease to ensure compliance with Rules in the regional plans, resource consent or Resource Management Act 1991. Notice must be complied with or further enforcement action can be considered.
Consent application	A consent application has been received as a result of the investigation.
Consent change required	During the investigation it was found that a consent change was required.
Emergency Works	Emergency works was allowed under section 330 of the RMA. Often a subsequent resource consent is required.
Enforcement Order	An enforcement order has been issued by the Environment Court requiring action to be undertaken or something to cease. Notice must be complied with or further enforcement action can be

	considered.
Infringement Notice (\$xxx.xx)	An infringement notice was issued under Section 338(1)(a) of the Resource Management Act 1991 and Councils delegated authority.
Inspection Notice	An inspection was undertaken and a notice of advice/instruction was issued to landowner/alleged offender.
Inspection/no notice issued	An inspection was undertaken, however no inspection notice was issued as there was no alleged offender/landowner to issue one to (natural event, unsourced etc).
Interim Enforcement Order	An interim enforcement order has been issued by the Environment Court requiring action to be undertaken or something to cease. Notice must be complied with or further enforcement action can be considered.
Meeting with Company	A meeting was held with the Company to discuss the incident and ways to resolve any issues.
None	No action was required.
Not Substantiated	The incident could not be substantiated (i.e. it is not likely/possible/probable that the alleged incident could have taken place).
Phone call	A phone call was made to the alleged offender/authority.
Prosecution	A prosecution is being initiated for this incident.
Referral to Appropriate Authority	The incident was referred to the appropriate authority (District Council, Department of Conservation etc).

Recommendations to Council

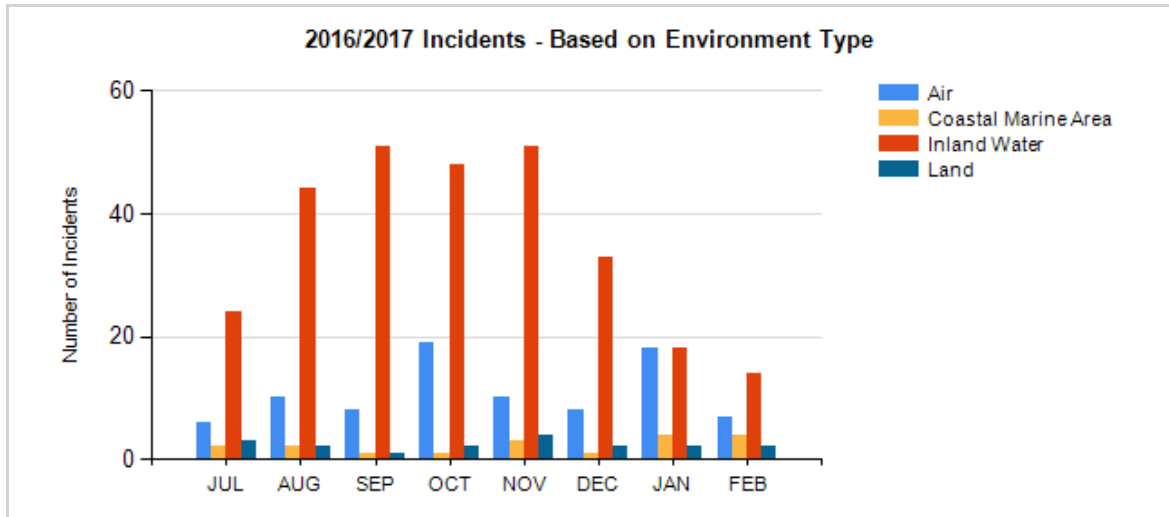
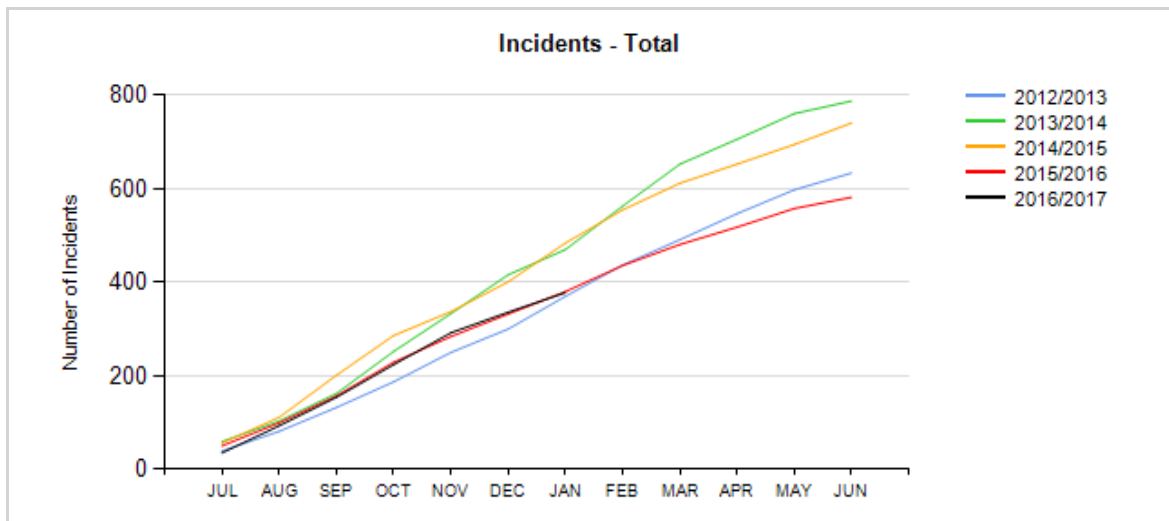
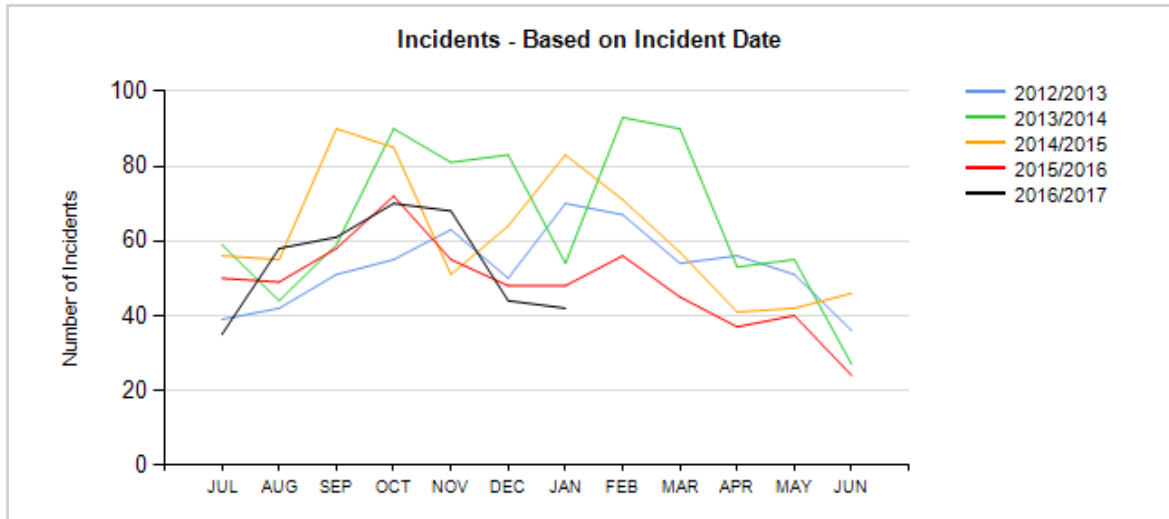
Investigation continuing	Outcome has not been finalised. Investigation is continuing on this incident, information/evidence still being gathered. Further action, including enforcement are being considered and therefore legally all information cannot be reported on this incident at this stage. These incidents will continue to be reported as updates in the following agendas.
No Further Action	Investigation is completed, any required enforcement action has been undertaken and no further action is required.
No Further Action At This Stage	Investigation is completed, any required enforcement action has been undertaken and further action may be required at a later date.
No Further Action/ Costs Recovered	Investigation is completed, any required enforcement action has been undertaken and no further action is required. Costs will be recovered from the alleged offender for the investigation.

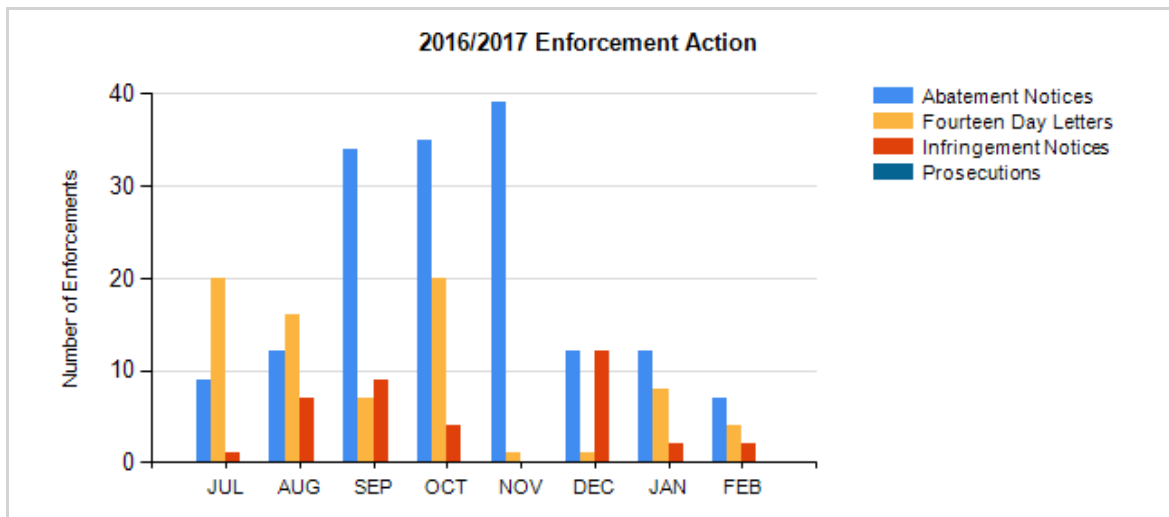
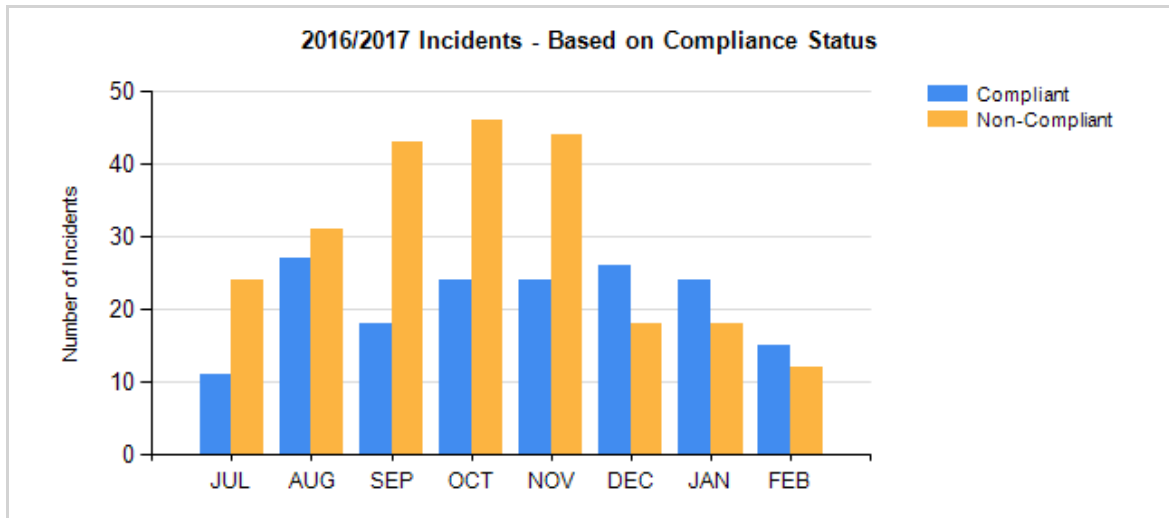
No further Action at this Stage/Costs Recovered Investigation is completed, any required enforcement action has been undertaken and further action may be required at a later date (reinspection of Abatement Notice etc). Costs will be recovered from the alleged offender for the investigation.

Defences under Sections 340 and 341 of the Resource Management Act 1991

Sometimes no enforcement action is undertaken against an alleged offender for a non-compliant incident as they have a defence under Section 340 of the Resource Management Act 1991 including reasons such as:

- the defendant can prove that he or she did not know, and could not reasonably be expected to have known that the offence was to be or was being committed, or
- that he or she took all reasonable steps to prevent the commission of the offence, or
- the action or event could not reasonably have been foreseen or been provided against by the defendant.





Compliant Incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Compliance Status	Recommendation
13 Jan 2017	3301-17-351 IN/34182	Alleged Stock in waterbody - Waiongana Stream - Waitara	Complaint	Taranaki Aquaculture		Inspection Notice	RFWP Allowed	No Further Action
13 Jan 2017	3301-17-352 IN/34331	Alleged Odour - Eustace - Colson Road	Complaint	Wayne Eustace	R2/9773-1.0	Inspection Notice	RAQP Allowed	No Further Action
14 Jan 2017	3301-17-353 IN/34242	Alleged Odour - South Road, Manutahi	Complaint	Un sourced		Inspection Notice	RAQP Allowed	No Further Action
16 Jan 2017	3301-17-356 IN/34189	Alleged Odour - Eustace - New Plymouth	Complaint	Original Pipe Traders Ltd	R2/9773-1.0	Inspection Notice	RAQP Allowed	No Further Action
17 Jan 2017	3301-17-358 IN/34217	Alleged Dust - Gounden - New Plymouth	Complaint	Latchman & Savita Gounden		Inspection - No Notice Issued	RAQP Allowed	No Further Action
17 Jan 2017	3301-17-361 IN/34243	Alleged Dumping bitumen - Eliot Street, New Plymouth	Complaint	Amy Ellis		Inspection Notice	RFWP Allowed	No Further Action
17 Jan 2017	3301-17-362 IN/34245	Alleged Odour - Dawson - Alfred Road, NP	Complaint	Rob and Liz Dawson		Inspection Notice	RAQP Allowed	No Further Action
21 Jan 2017	3301-17-364 IN/34246	Alleged Grey water discharge - Oakura campsite - Oakura	Complaint	Oakura Beach Motor Camp		Inspection Notice	RAQP Allowed	No Further Action

Compliant Incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Compliance Status	Recommendation
23 Jan 2017	3301-17-367 IN/34238	Alleged Odour - Colson Road - New Plymouth	Complaint	Original Pipe Traders Ltd	R2/9773-1.0	Inspection Notice	RAQP Allowed	No Further Action
26 Jan 2017	3301-17-369 IN/34247	Alleged Smoke/odours - Harbour Street, NP	Complaint	Un sourced		Inspection - No Notice Issued	RAQP Allowed	No Further Action
28 Jan 2017	3301-17-371 IN/34249	Alleged Cows in Waiongana Stream, Waitara	Complaint	Taranaki Aquaculture		Inspection Notice	RFPW Allowed	No Further Action
28 Jan 2017	3301-17-373 IN/34261	Alleged Dust - Subdivision - Bell Block	Complaint	Darcy Keene Earthmoving Limited /Kerry Hamilton		Inspection Notice	RAQP Allowed	No Further Action
01 Feb 2017	3301-17-376 IN/34277	Alleged Concrete washings - Stratford	Complaint	Ted (E J) Hendrick		Inspection Notice	RFPW Allowed	No Further Action
02 Feb 2017	3301-17-377 IN/34278	Alleged Discharge of pine leachate - NP	Complaint	Cygnat Land Development Limited		Inspection Notice	RFPW Allowed	No Further Action
03 Feb 2017	3301-17-383 IN/34295	Alleged Hydraulic hose leak- Envirowaste - New Plymouth	Self-Notification	Envirowaste Services Limited		Inspection Notice	RFPW Allowed	No Further Action
06 Feb 2017	3301-17-381 IN/34287	Alleged Dairy effluent - Patea River - Stratford	Complaint	Un sourced		Inspection - No Notice Issued	RFPW Allowed	No Further Action
07 Feb 2017	3301-17-387 IN/34301	Alleged Farm dump - Climie Road, Stratford	Complaint	G & T Curran Limited		Inspection Notice	RFPW Allowed	No Further Action

Compliant Incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Compliance Status	Recommendation
10 Feb 2017	3301-17-397 IN/34330	Alleged Herbicide overspray - Kaka Road, Urenui	Complaint	Unsourced		Inspection - No Notice Issued	RFWP Allowed	No Further Action
10 Feb 2017	3301-17-389 IN/34333	Alleged Contaminated pond - Highfield Place, New Plymouth	Complaint	Unsourced		Inspection Notice	RFWP Allowed	No Further Action
13 Feb 2017	3301-17-392 IN/34311	Alleged Oil spill - McKee Production Station - Tarata	Self-Notification	Todd Energy Limited		Inspection Notice	Consent Compliance	No Further Action
14 Feb 2017	3301-17-393 IN/34324	Alleged Odour - TBP - Okaiawa	Complaint	Taranaki By-Products Limited	R2/4058-4	Inspection Notice	Consent Compliance	No Further Action
14 Feb 2017	3301-17-394 IN/34335	Alleged Odour - TBP - Okaiawa	Complaint	Taranaki By-Products Limited	R2/4058-4	Inspection Notice	Consent Compliance	No Further Action
16 Feb 2017	3301-17-399 IN/34328	Alleged Dust - Flint Road - Stratford	Complaint	Humes Pipeline Systems		Inspection Notice	RAQP Allowed	No Further Action
16 Feb 2017	3301-17-400 IN/34329	Alleged Anchor recovery - seabed near Waipipi Beach	Complaint	Unsourced		Inspection Notice	RCP Allowed	No Further Action At This Stage
16 Feb 2017	3301-17-401 IN/34332	Alleged Hydrocarbon odour- Brown Road, Waitara	Complaint	Unsourced		Inspection Notice	RAQP Allowed	No Further Action

Compliant Incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Compliance Status	Recommendation
17 Feb 2017	3301-17-402 IN/34339	Alleged Odour - Colson Road Landfill - NP	Complaint	New Plymouth District Council	R2/4779-1	Inspection Notice	RFWP Allowed	No Further Action
18 Feb 2017	3301-17-403 IN/34340	Alleged Odour - Colson Road landfill - NP	Complaint	New Plymouth District Council	R2/4779-1	Inspection Notice	RAQP Allowed	No Further Action

Updates of Non-Compliant incidents from previous agendas

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
17 Oct 2016 <u>Update</u>	3301-17-189 IN/33828	Odour and discharge - Vickers Transport - Broadway, Stratford	Complaint	Maurice Vickers Limited (3096)	R2/3958-3	Inspection Notice Abatement Notice 14 Day Letter	No Further Action/Costs Recovered
Comments: A complaint was received concerning an odour and unknown discharge from a pipe into a small tributary in the Patea catchment at Broadway South, Stratford. Investigation found a discharge from a pipe which was odorous. Samples and photographs were taken. Sample results found that there was a high faecal coliform count in the discharge and downstream. Abatement Notice EAC-21365 was issued requiring the sump and the receiving drain to be cleaned out. Reinspection found that the abatement notice was being complied with at the time of inspection. A letter of explanation was received and accepted.							
20 Oct 2016 <u>Update</u>	3301-17-231 IN/34154	Consent breach - Renewable Power - Normanby	Self-Notification	Renewable Power Limited (52541)	R2/6558-1		Investigation Continuing
Comments: Self-notification was received concerning a possible breach of residual flow levels at the Normanby Power Station. Investigation found that the residual flow may not have been breached, however this can not be confirmed until residual flow data is received from the consent holder. The data has been requested and is well overdue, in contravention of resource consent condition requirements. Enforcement action is being considered.							
21 Nov 2016 <u>Update</u>	3301-17 255 IN/33965	Dairy effluent discharge - Manawapou Road, Hawera	Complaint	Taranaki Agricultural Research Station Trust No 3 (53441)	R2/3035-2.2	Inspection Notice 14 Day Letter	Investigation Continuing
Comments: A complaint was received regarding dairy effluent spraying across Manawapou Road over passing traffic, near Hawera. Investigation found that the travelling irrigator had stopped travelling adjacent to Manawapou Road and had continued to spray effluent across the Manawapou and onto passing traffic. A letter requesting explanation was sent. Enforcement action is being considered.							

Updates of Non-Compliant incidents from previous agendas

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
14 Dec 2016 <u>Update</u>	3301-17-312 IN/34124	Sediment - Valley Minerals - SH3, Uruti	TRC Staff Compliance Monitoring	Valley Minerals Limited (52754) Todd Atkins (54261)	R2/5124-2.0	Inspection Notice Infringement Notice (\$750)	No Further Action/Costs Recovered

Comments: During routine monitoring it was found that there was sediment in the Mimi Stream near a quarry at State Highway 3, Uruti. Investigation found that the stream was discoloured. The discolouration was traced back to the quarry site. Photographs and samples were taken. The discharge was in contravention of an abatement notice previously issued for the site.

18 Dec 2016 <u>Update</u>	3301-17-318 IN/34100	Odour and discoloured discharge - Komene Road, Okato	Complaint	Anthony Ingman & Kerstin Johanna Williams (3718)	R2/3229-2	Inspection Notice Infringement Notice (\$750) Abatement Notice 14 Day Letter	No Further Action
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Comments: A complaint was received regarding odorous and discoloured discharges onto the beach at Komene Road, Okato. Investigation found that a stream discharging onto the beach was discoloured and odorous. Inspection of properties upstream found that leachate from a silage pit was discharging into surface water at Puniho Road. Abatement Notice EAC-21477 was issued requiring the discharge to cease. Reinspection found the abatement notice was being complied with at the time of inspection. A letter of explanation was received.

31 Dec 2016 <u>Update</u>	3301-17-330 IN/34122	Dairy Effluent - Boddie Family Trust - Eltham	Self-Notification	Boddie WN & BM Family Trust (2996)	R2/3813-2	Inspection Notice 14 Day Letter No Enforcement Action - Statutory defence	No Further Action/Costs Recovered
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Comments: Self-notification was received concerning a burst dairy effluent irrigation line on a property at Rotokere Road, Eltham. Investigation found that effluent line had burst causing effluent to pond and discharge into a dry drain. No environmental effects occurred. A letter of explanation was received and accepted.

Updates of Non-Compliant incidents from previous agendas

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
07 Jan 2017 Update	3301-17-337 IN/34173	Odour - Colson Road - New Plymouth	Complaint	Wayne Eustace (27866) Original Pipe Traders Ltd (35521)	R2/9773-1.0	Inspection Notice Infringement Notice (\$1,000)	No Further Action

Comments: A complaint was received about an odour emanating from a sewage treatment site on Colson Road, New Plymouth. An odour survey was undertaken and offensive odour was found at the complainant's property.

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
19 Jan 2017	3301-17-359 IN/34225	Milk spill - Fonterra - Rahotu	Self-Notification	Fonterra Limited (50606)		Inspection Notice 14 Day Letter	Investigation Continuing
<p>Comments: Self-notification was received regarding a spill from a milk tanker on Kahui Road, Rahotu. Investigation found that despite containment measures being undertaken, due to heavy rain, milk had discharged over land and into an unnamed tributary. A vacuum truck was used to clean up the spill. A letter of explanation was received. Enforcement action is being considered.</p>							
19 Jan 2017	3301-17-360 IN/34226	Odour - Taranaki By-Products - Okaiawa	Complaint	Taranaki By-Products Limited (9197)	R2/4058-4	Inspection Notice Abatement Notice 14 Day Letter	Investigation Continuing
<p>Comments: A complaint was received regarding an odour emanating from a meat rendering plant on Kohiti Road, Okaiawa. An odour survey found constant noticeable odour and intermittent objectionable odour beyond the boundary of the property. A letter of explanation was received. Further enforcement action is being considered.</p>							
22 Jan 2017	3301-16-365 IN/34240	Grounding of Catenary Anchor Leg Mooring Buoy, Ngamotu Beach, New Plymouth	Third Party Notification	New Plymouth Underwater Ltd (36840)	R2/10357-1.0	Inspection Notice 14 Day Letter	Investigation Continuing
<p>Comments: Notification was received regarding the grounding of the newly constructed Catenary Anchor Leg Mooring (CALM) buoy on Ngamotu Beach, New Plymouth. Investigation found that the buoy that had been anchored in Port Taranaki prior to being transported to the Taharoa iron sand loading facility, had broken free of its mooring and washed ashore on Ngamotu Beach due to a large storm event. Works were undertaken to refloat the buoy later in the week. The buoy is currently on a wharf at the port while repairs are undertaken. The mooring has been re-engineered to a higher standard to withstand harsher environmental conditions.</p>							

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
22 Jan 2017	3301-17-368 IN/34241	Grounded vessel - Port Taranaki	Complaint	Matthew Lyons (54348)		Inspection Notice	Investigation Continuing

Comments: Notification was received regarding the grounding of the fishing vessel Roulette against the reclamation within Port Taranaki. Investigation found that the Roulette was secured to a mooring during a large storm event. The mooring rope failed and the vessel broke free and drifted in a dangerous manner and ended up against the reclamation where it grounded. The vessel was quickly removed to a place of safety by port staff. The grounding resulted in breaches to the hull of the vessel, however no hydrocarbons or other contaminants were discharged as a result. Enforcement action is being considered.

02 Feb 2017	3301-17-382 IN/34284	Pipeline installation earthworks - Tikorangi	TRC Staff Compliance Monitoring	Darcy Keene Earthmoving Limited (4298) Petrochem Limited (30382) Warner Construction Ltd (52425)	R2/10264-1.0	Inspection Notice 14 Day Letter 14 Day Letter 14 Day Letter	Investigation Continuing
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Comments: During routine monitoring of earthworks associated with the installation of a pipeline, it was found that silt controls had not been installed as required by resource consent conditions at a property near Tikorangi. An inspection of the site found that untreated sediment laden stormwater was discharging offsite. Letters requesting explanation were sent.

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
05 Feb 2017	3301-17-380 IN/34286	Dairy effluent - Waitoetoe Beach - Urenui	Complaint	Brett Maurice & Raewyn Maree Sarten (19416) Ashbrook Partnership Limited (53751)	R2/1465-3	Inspection Notice 14 Day Letter	Investigation Continuing
<p>Comments: A complaint was received regarding dairy effluent on Waitoetoe Beach, near Urenui. Investigation of dairy systems upstream found that a spray irrigator hose had broken allowing dairy effluent to discharge across land and into an unnamed tributary of Waitoetoe Stream, which flowed to the Waitoetoe Beach. A letter requesting explanation was sent.</p>							
08 Feb 2017	3301-17-384 IN/34314	Oil discharge - Piko Road, Urenui	Complaint	Douglas Ian & Wendy Esther Wood (13477)		Inspection Notice 14 Day Letter	Investigation Continuing
<p>Comments: A complaint was received regarding oil discharging into a roadside drain at Piko Road, Urenui. Investigation found that a hydraulic ram had been removed from a digger. Oil from the ram had discharged onto the ground where spring water was entraining the contaminant and discharging it into a roadside drain. Sorbent materials were applied by Council staff at the time of inspection. A letter requesting explanation was sent.</p>							
15 Feb 2017	3301-17-395 IN/34325	Dairy effluent - Gordon - Inglewood	TRC Staff Compliance Monitoring	DJ & K Gordon (52424)	R2/2273-2	Inspection Notice Abatement Notice	Investigation Continuing
<p>Comments: During the annual dairy round it was found that the oxidation pond system was not operating within resource consent conditions at Norfolk Road, Inglewood. Abatement Notice EAC-21487 was issued requiring works to be undertaken to the farm dairy effluent treatment and disposal system to ensure compliance with resource consent conditions. Reinspection found that the abatement notice was being complied with at the time of inspection. Enforcement action is being considered.</p>							

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
16 Jan 2017	3301-17-354 IN/34187	Dairy effluent - Brookes Road - Stratford	Complaint	Marcus Smith (16291) Beaufort Farm Trust (23628)	R2/4347-2	Inspection Notice Abatement Notice 14 Day Letter	No Further Action/Costs Recovered

Comments: A complaint was received regarding discolouration of an unnamed tributary of the Tuikonga Stream at Brookes Road, Stratford. Abatement Notice EAC-21456 was issued requiring works to be undertaken to ensure that the system complies with resource consent conditions. The abatement notice was complied with. A letter of explanation was received.

21 Jan 2017	3301-17-363 IN/34233	Green stream - Brookes Road - Stratford	Complaint	Marcus Smith (16291) Beaufort Farm Trust (23628)	R2/4347-2.1	Inspection Notice Infringement Notice (\$750) Abatement Notice 14 Day Letter	No Further Action/Costs Recovered
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Comments: A complaint was received regarding a 'green stream' on Brookes Road, Stratford. Investigation found that an oxidation pond system discharge was causing significant discolouration in the unnamed tributary. Abatement Notice EAC-21466 was issued requiring the discharge of dairy effluent to cease until resource consent conditions can be complied with at all times. Reinspection found that the abatement was being complied with at the time of inspection. A spray irrigation system will be installed by the end of February 2017. A letter of explanation was received.

23 Jan 2017	3301-17-366 IN/34239	Dairy effluent - Taranaki Community Rugby Trust - Hawera	TRC Staff Compliance Monitoring	Taranaki Community Rugby Trust (32416)	R2/1976-2	Inspection Notice Abatement Notice	No Further Action At This Stage/Costs Recovered
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Comments: During the annual dairy inspection round it was found that the spray irrigation system was not operating within resource consent conditions at Inaha Road, Hawera. Abatement Notice EAC-21465 was issued requiring works to be undertaken to ensure that all farm dairy effluent is directed through the disposal system before applying onto and into land to ensure compliance with resource consent conditions. Reinspection to be undertaken after 24 April 2017.

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
24 Jan 2017	3301-17-375 IN/34273	Dairy effluent - Baldie - Oponake	TRC Staff Compliance Monitoring	David John & Diane Rosemary Baldie (35721)	R2/2417-3.0	Inspection Notice Abatement Notice	No Further Action At This Stage/Costs Recovered

Comments: During analysis of samples (1 February 2017), taken during the annual dairy inspection round (24 January 2017), it was found that the oxidation pond system was not operating within resource consent conditions, at Kina Road, Oponake. Abatement Notice EAC-21472 was issued requiring works to be undertaken to the farm dairy effluent treatment and disposal system to ensure compliance with resource consent conditions. Reinspection to be undertaken after 30 March 2017.

24 Jan 2017	3301-17-398 IN/34327	Unauthorised discharge - Todd Energy Aquatic Centre - NP	TRC Staff Compliance Monitoring	New Plymouth District Council (9565)	R2/2339-4.0	Abatement Notice	No Further Action At This Stage/Costs Recovered
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Comments: During routine monitoring it was found that a foamy discharge was occurring from the marine outfall onto the Kawaroa Reef. The discharge was traced back to the downstairs shower facilities at the Todd Energy Aquatic Centre. It was also found that indoor poolside drains were discharging to the same outfall. An abatement notice was issued requiring works to be undertaken to ensure that no unauthorised discharges are occurring. Reinspection will take place 18 April 2017.

27 Jan 2017	3301-17-370 IN/34248	Dairy effluent - Finnerty Road Land Company Limited - Stratford	TRC Staff Compliance Monitoring	Finnerty Road Land Company Limited (35365)	R2/1218-2	Inspection Notice Abatement Notice	No Further Action At This Stage/Costs Recovered
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Comments: During the annual dairy inspection round it was found that the oxidation pond system was not operating within resource consent conditions at Finnerty Road, Stratford. Abatement Notice EAC-21467 was issued requiring works to be undertaken to remove the dairy effluent solids from the second and third oxidation ponds to ensure compliance with resource consent conditions. Reinspection to be undertaken after 27 March 2017.

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
28 Jan 2017	3301-17-372 IN/34258	Discoloured Stream - Jones Quarry - Brixton	TRC Staff Compliance Monitoring	Jones Quarry Limited (30989)	R2/6274-1	Inspection Notice Abatement Notice	No Further Action/Costs Recovered

Comments: During unrelated monitoring it was found that the Mangaoraka Stream tributary was discoloured at Mahoetahi Road, Brixton. Investigation found that sediment laden stormwater had been discharged into the Mangaoraka Stream from quarrying operations. Abatement Notice EAC-21468 was issued requiring the contravention of resource consent conditions to cease. Reinspection will be carried out during a routine monitoring inspection.

30 Jan 2017	3301-17-374 IN/34260	Chemical spill - Chemcouriers - SH3, Inglewood	Third Party Notification	Asplundh (26666) ChemCouriers (1994) Ltd New Plymouth (27950)		No Enforcement Action - Statutory defence	No Further Action
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Comments: Notification was received regarding a chemical spill onto State Highway 3 from a truck transporting various chemicals, near Inglewood. Investigation found that due to an impact between two vehicles, while one was turning off the road, two drums of chemicals used in the dairy industry had discharged onto the trailer deck and road. After identifying the chemicals and reviewing safety data sheets, NZ Fire undertook to dilute and disperse the acid into a vegetated roadside drain. The materials were readily biodegradable and the level of dilution would have raised the pH to a neutral level.

30 Jan 2017	3301-17-385 IN/34299	Dairy effluent - Washer - Oaonui	TRC Staff Compliance Monitoring	Washer & Co Limited (1629)	R2/4479-2	Inspection Notice Abatement Notice	No Further Action At This Stage/Costs Recovered
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Comments: During the analysis of samples (7 February 2017), taken during the annual dairy inspection round (30 January 2017), it was found that the oxidation pond system was not operating within resource consent conditions, at Turu Road, Oaonui. Abatement Notice EAC-21478 was issued requiring works to be undertaken to the farm dairy effluent treatment and disposal system to ensure compliance with resource consent conditions. Reinspection to be undertaken after 10 April 2017.

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
30 Jan 2017	3301-17-386 IN/34300	Dairy effluent - Callaghan Trust - Oaonui	TRC Staff Compliance Monitoring	Callaghan Trust (37562)	R2/2249-2	Inspection Notice Abatement Notice	No Further Action At This Stage/Costs Recovered
<p>Comments: During analysis of samples (7 February 2017), taken during the annual dairy inspection round (30 January 2017), it was found that the oxidation pond system was not operating within resource consent conditions at Kina Road, Oaonui. Abatement Notice EAC-21479 was issued requiring works to be undertaken to the farm dairy effluent treatment and disposal system to ensure compliance with resource consent conditions. Reinspection to be undertaken after 10 April 2017.</p>							
01 Feb 2017	3301-17-388 IN/34302	Stream realignment works - Whitehead Lane - Patea	TRC Staff Compliance Monitoring	AW & SJ Cole Trusts Partnership (10561)	R2/9904-1.0	Inspection Notice Abatement Notice	No Further Action At This Stage
<p>Comments: During routine compliance monitoring it was found that the riparian planting requirements in relation to works undertaken for stream realignment purposes had not been fulfilled in accordance with resource consent conditions at a property near Patea. Abatement Notice EAC-21481 was issued requiring all riparian planting to be completed by 31 August 2017 in accordance with resource consent conditions. Reinspection will be undertaken after that date.</p>							
01 Feb 2017	3301-17-391 IN/34307	Sewage discharge - WWTP - New Plymouth	Self-Notification	New Plymouth District Council (9565)	R2/0882-4	No Enforcement Action - Statutory defence	No Further Action/Costs Recovered
<p>Comments: Self-notification was received from New Plymouth District Council regarding a breakdown in the chlorinator plant resulting in partially treated effluent being discharged through the marine outfall from the waste water treatment plant at Rifle Range Road, New Plymouth. Investigation found that repairs and further safety measures had been undertaken immediately to rectify the problem. An incident report was received and accepted.</p>							

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
02 Feb 2017	3301-17-378 IN/34282	Sediment into lake - Opunake hydro - Opunake	Complaint	Opunake Power Limited (53046)	R2/1795-4	Inspection Notice Abatement Notice	No Further Action
<p>Comments: A complaint was received regarding the management of the Opunake hydro scheme causing the Opunake Lake to fill with sediment. Inspection found the control gates were open during high flow allowing excess sediment laden water to enter the lake. Abatement Notice EAC-21473 was issued requiring compliance with Rule 21 of the Regional Fresh Water Plan for Taranaki. Reinspection found that the abatement notice was being complied with at the time of inspection. The situation is complex and the sedimentation issue will be addressed when the consents for the scheme are renewed later this year.</p>							
03 Feb 2017	3301-17-379 IN/34283	Dead cow - Onaero River	Complaint	Un sourced (9768)		Inspection Notice	No Further Action
<p>Comments: A complaint was received regarding a dead cow in the lower reaches of the Onaero River. Investigation found that there was a dead heifer in the tidal reaches of river. There was no identifying tags on the carcass and the owner was unable to be traced. New Plymouth District Council were contacted and undertook removal of the carcass.</p>							
07 Feb 2017	3301-17-405 IN/34337	Dairy effluent - Conaglen - Opunake	TRC Staff Compliance Monitoring	S & L Conaglen Trust (20565) Simon Conaglen (10991)	R2/1544-3	Inspection Notice Abatement Notice	No Further Action At This Stage/Costs Recovered
<p>Comments: During analysis of samples (17 February 2017), taken during the annual dairy inspection round (7 February 2017), it was found that the oxidation pond system was not operating within resource consent conditions at Main South Road, Opunake. Abatement Notice EAC-21489 was issued requiring works to be undertaken to the farm dairy effluent treatment and disposal system to ensure compliance with resource consent conditions. Reinspection to be undertaken after 21 April 2017.</p>							

Non-Compliant incidents for the period 13 Jan 2017 to 19 Feb 2017

Incident Date	Job Number / IRIS ID	Incident Type	Source	Alleged Responsible Party	Consent Number	Action Taken	Recommendation
08 Feb 2017	3301-17-404 IN/34336	Dairy effluent - Morgan - Rahotu	TRC Staff Compliance Monitoring	Lloyd William & Joanne Margaret Morgan (3383)	R2/3925-2	Inspection Notice Abatement Notice	No Further Action At This Stage/Costs Recovered

Comments: During analysis of samples (17 February 2017), taken during the annual dairy inspection round (8 February 2017), it was found that an oxidation pond system was not operating within resource consent conditions at Upper Ngariki Road, Rahotu. Abatement Notice EAC-21488 was issued requiring works to be undertaken to the farm dairy effluent treatment and disposal system to ensure compliance with resource consent conditions. Reinspection to be undertaken after 20 April 2017.

11 Feb 2017	3301-17-390 IN/34306	Burning - Rimu Street, New Plymouth	Complaint	DR (Jack) Gray Ltd (36312)		Inspection Notice	No Further Action
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Comments: A complaint was received regarding burning activities at an industrial/trade premise on Rimu Street, New Plymouth. Investigation found that burning had been occurring in a steel drum at a painters premise, but was not occurring at the time of inspection. The rules of the Regional Air Quality Plan were outlined to the owner and no further burning will take place at the site.

15 Feb 2017	3301-17-396 IN/34334	Sewage overflow - Hector Place, Opunake	Third Party Notification	South Taranaki District Council (53005)	R2/0236-6	Inspection Notice	No Further Action/Costs Recovered
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Comments: Self-notification was received regarding a sewage pump station overflow at Hector Place, Opunake. Investigation found that due to failed sensor equipment the storage capacity of the pump station was overwhelmed. Approximately 500 m³ of sewage was thought to have discharged into the coastal marine area via an outfall at Middletons Bay, Opunake. No environmental effects were found in the receiving environment. Samples of the water within the bay were taken on the day of the discharge, the results showed minimal impact.

Agenda reports

Consents and Regulatory Committee, March 2017

Item 4: Consent monitoring reports

[NPDC Coastal Structures](#) (4.4 MB)

[ANZCO Eltham \(Riverlands\)](#) (2 MB)

[Ballance Agri-Nutrients Kapuni](#) (2 MB)

[Contact Energy Stratford Power Station & Ahuroa Gas Storage](#) (3 MB)

[Dow AgroSciences](#) (1.4 MB)

[Fonterra Whareroa](#) (4.5 MB)

[McKechnie Aluminium](#) (1 MB)

[Port area industrial catchments](#) (2.4 MB)

[Port Taranaki maintenance dredging](#) (5.4 MB)

[Remediation NZ Ltd](#) (7.3 MB)

[Silver Fern Farms Ltd Waitotara](#) (1 MB)

[Taranaki By-Products](#) (3.5 MB)

[Lower Waiwhakaiho Catchment](#) (4.5 MB)

[Regional cleanfills](#) (2.5 MB)

[Todd Energy Ltd Mangahewa-D hydraulic fracturing](#) (1 MB)

[Greymouth Kaimiro production station](#) (1.4 MB)

[Kapuni production station](#) (1 MB)

[Maui production station](#) (1.3 MB)

[Vector Kapuni gas treatment plant](#) (660 KB)

[Origin Energy & AR Geary Landfarms](#) (3.6 MB)

[Waikaikai Landfarm](#) (1.5 MB)

[New Plymouth wastewater treatment plant](#) (3 MB)

[Opunake wastewater treatment plant](#) (607 KB)

[Waverley, Kaponga, Manaia and Patea wastewater treatment plants](#) (2.3 MB)

[Stratford wastewater treatment plant](#) (725 KB)

[CD Boyd Drilling Waste Stockpiling Landfarm/ Landspreading](#) (8 MB)